

RAT in Point 8 Réunion Avancement Travaux

HARDWARE COMMISSIONING COORDINATION - WEEK 7

15th February 08:30 2889-R-009

Present: AB/CO: R.Harrison, M.Koratzinos, R.Lauckner
AB/PO: H.Thiesen
AT/ACR: F.Millet, AT/MCS: F.Savary
AT/MEL: V.Chareyre, R.Floria
TS/EL: F.Cichecki
TS/HDO: M.Coccoli, J.Etheridge, B.Perea, M.Solfaroli, A.Vergara

Sector 78

- The CV works in UA83 planned for tomorrow have been postponed to Monday 19th.
- The magnet D2 (LSS8L) support is being repaired. The repair should be completed by today.
- F.Millet confirmed that the magnets will be at 20K by next Tuesday 20th. For the moment the average magnet temperature is 70K and decreasing.
- The works on the DFBs in LSS7R have been completed. In LSS8R the works will be completed by the end of this week.
- The EIQA will begin next Monday 19th morning (with the low voltage part of the EIQA).
- The installation of short circuits in the DFBAO should begin with priority on the 600A current leads.

Sector 81

Warm Magnets (M.Coccoli)

- The overnight run started smoothly yesterday afternoon and will finish by this morning for the Septa and TL magnets. The compensators will run until tonight at 6pm. The balisage sections will be removed according to the shut down of the relative circuits. The power converters will be locked by tomorrow.
- The circuits with wrong polarities have been individuuated and they will be corrected (labels, connections and naming according to the new naming conventions).

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 EI_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, 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>coses</i> 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

Week 45	Interconnections
End week 46 [18.11.06]	Leak Test
End week 47 [24.11.06]	Pressure Test
Week 47-48	EE sensor tests in RR77
Week 48 & 49	Purge and filling
Week 49	Dry Run
Week 49	Short Circuit tests of 60 A
Week 49 [07.12.06]	Diesel Tests
Week 49	ELQA-TP4B (Phase I)
Week 50	Flushing
Week 50 [15.12.06]	ELQA-TP4B (Phase II)
Week 02 [15.01.07]	ELQA-TP4B (Phase III)
Week 03	Cool Down Sector 78
Week 05	Powering Procedure Tests (Phase I)
Week 07	Powering Procedure Tests (phase II)
Week 08	Decision on DFBs clamps disconnection from Sector 78 (to use them in Sect45 and Sect81)



Next RAT meeting

Monday, February 19th 8:30 @ P8 2889-R-009

Mirco Coccoli