

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.Floria
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 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.Dehting)
- 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 <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

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

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

Mirco Coccoli