

RAT in Point 8 Réunion Avancement Travaux

HARDWARE COMMISSIONING COORDINATION - WEEK 6

6th February 08:30 2889-R-009

Present: AB/BT: J.Uythoven
AB/CO: R.Schmidt
AT/ACR: R.Rabehl, A.Suraci
AT/MCS: D.Tommasini
AT/MEL: S.Russenschuck
TS/EL: S.Brown
TS/HDO: M.Coccoli, J.Etheridge, B.Perea, R.Saban, M.Solfaroli,
A.Vergara

Sector 78 (M.Coccoli, A.Vergara)

- The EIQA tests are advancing well. Yesterday tests in RR77 were completed. UA83 will be finished between today and tomorrow morning.
- Roger asks permission to carry out works this week in the two DFBX in Point 8 and the DFBMA, BDFAO. The activity can be carried out from Wednesday to Friday this week.
- John reminds that the switching on and off of the equipments in the tunnel need to follow an approved procedure. Rudiger wonders whether such measure has to be taken also for equipments involving low voltages which is the case for the current lead heaters.
- Access to the tunnel and UA83 is still closed today. It should be open again from tomorrow morning or afternoon depending on the ELQA test progress.

Sector 81 (M.Coccoli, A.Vergara)

Warm Magnets (M.Coccoli)

- According to John and Jan the safety conditions required for the warm magnet tests were not fully deployed during last days. They propose that for the night run planned for this and next Friday the access to the RA87 is blocked and the passage to the arc deviated via the UA87. Antonio reminds that such decisions in arc 8-1 must be taken in agreement with the installation and planning teams. A solution will be worked out today.

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

- 16.01.07 Vac-Cryo Interlock tests - window of 1 day needed (P.Cruikshank-F.Millet)
- 22.11.06 Instrumentation and remote control not fully stable (P.Gayet - 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	Preparation for Powering Tests
Week 08	Decision on DFBs clamps disconnection from Sector 78 (to use them in Sect45 and Sect81)
Week	Powering Test



Next RAT meeting

Wednesday, February 7th 8:30 @ P8 2889-R-009

Antonio Vergara