

*RAT in Point 8* Réunion Avancement Travaux

HARDWARE COMMISSIONING COORDINATION - WEEK 13

26 March 2007 08:30 in 2889-R-009

Present: AB/CO: M. Koratzinos, R.Schmidt, M. Zerlauth  
AB/MEL: V. Chareyre, D. Bozzini  
AB/OP: L. Ponce, G. Crockford, R. Suykerbuyk  
AB/PO: V. Montabonnet, D. Nisbet  
AT/MCS: M. Modena  
AT/MTM: A. Siemko  
TS/HDO: R. Saban, A. Vergara, J. Etheridge

## Sector 78

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- R. Saban reported on Cryo progress: No changed since Friday.
- V. Chareyre: Circuit with high resistance reported Thursday was re-measured. Resistance is still high and varying between 35 and 100mOhms. Under investigation.
- A. Vergara reported on heater discharge tests in Q4: test will be repeated due to a problem with PM data.
- ELQA: Q5 insulation to ground/separation of the 120A lines. The leads in one chimney had a short circuit between them: a discharge happened when increasing the voltage to 600V (the discharge happened at 550 Volts).
- A. Siemko: The sequence for the 60A powering tests has been agreed upon by MPP. Tests could start today.
- Programme for next few days: Aim for PIC1 on the available magnets to finish Tuesday morning, connection of leads Tuesday afternoon, PIC2 tests start Wednesday morning.
- Next meeting Tuesday 27 March.

## Open Issues

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### 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

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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

**Tuesday, 27 March 8:30 in 2889-R-009**

R. Schmidt  
M. Koratzinos