

*RAT in Point 8* Réunion Avancement Travaux

HARDWARE COMMISSIONING COORDINATION - WEEK 11

14 March 2007 08:30 2889-R-009

Present: AB/CO: M. Koratzinos, R.Schmidt, M. Zerlauth, A. Castaneda  
AB/OP: M.Gruwe, L. Ponce  
AB/MEL: V. Chareyre  
AB/PO: H. Thiesen, D. Niesbet  
AT/MCS: S. de Rijk  
TS/EL: P. Ziegler, Y. Corrigan  
TS/HDO: R. Saban, A. Vergara

**Sector 78**

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- R. Saban reported on CRYO progress: Cooldown to 1.9K continuing with some magnets now below 4K.
- M. Zerlauth: PIC1 tests on the converters close to P7 has finished. Today will start with UA83. Some earthing faults will need to be checked.
- D.Nisbet: switching on of some kA converters is under way, there were some problems. As an example, in UA83 some power converters could not be switched on due to problems with the water cooling. It is likely that filters are blocked. It was proposed to discuss the issue among experts and to report in a HCC meeting.
- P. Ziegler: TS/EL needs access for transport and installation (today) plus testing (Thursday, Friday) of control and electric services on the 48 Volt line in the alcoves RE78 and RE82.
- Next meeting Friday 16 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

**Friday, 16 March 8:30 @ 2889-R-009**

R. Schmidt  
M. Koratzinos