

16 March 2007 08:30 2889-R-009

Present: AB/CO: M. Koratzinos, R.Schmidt, M. Zerlauth, A. Castaneda, R. Harrison  
AB/OP: M.Gruwe, L. Ponce  
AB/MEL: V. Chareyre, D. Bozzini, B. Flora  
AB/PO: H. Thiesen, D. Niesbet  
AT/MCS: D. Tommasini  
TS/EL: J-C. Guillaume, Y. Corrigan  
TS/HDO: R. Saban, A. Vergara, J. Etheridge, M-P. Casas Lino

## Sector 78

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- R. Saban reported on CRYO progress: Yesterday at 17:00 the system started running with 50mBar pressure in the heat exchanger (the nominal pressure for 1.9K). At night pumping group stopped, valves were closed and the pressure slowly rose to 9Bar. Pumping has resumed. Will leave pressure at 200mBar over weekend. Estimate for 1.9K for beginning of next week.
- M. Zerlauth: PIC1 tests on the converters in UA83 mostly finished; Four circuits are still not done. A suspected faulty quench protection unit was checked and found to be ok, cabling to it will be checked this morning. Aim to finish the test for the remaining circuits this afternoon.
- D. Nisbet: Some of the kA circuits have shown higher temperature than normal (60° C instead of 40° C) in the clamps of the short circuit. It will be useful to understand why. Final earthing fault to be checked again. Aim to finish by Monday.
- Yesterday the cryo group lost monitoring signals from half the tunnel for about an hour. This was due a trip following an IT intervention on the GSM system.
- R. Saban reminded people that we are about to enter a new phase after CRYO OK and the handover of ownership of the sector from the cryo to the hardware commissioning team for the powering tests. Tunnel will be closed with strict access control and the door between point 7 and the arc will be locked. Keys will be in the CCC under the responsibility of the EICs (details to be defined). Access will not be granted to work deemed non-essential to the success of the powering tests.
- TS/EL: ongoing work in the alcoves will not finish today but Monday.
- A. Vergara reminded people that today there is work on the access control system.

- Next meeting Monday 19 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

**Monday, 19 March 8:30 @ 2889-R-009**

R. Schmidt  
M. Koratzinos