

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

Present: AB/CO: M. Koratzinos, R. Schmidt, A. Castaneda, M. Zerlauth  
AB/MEL: V. Chareyre, D. Bozzini, B. Flora  
AB/OP: R. Alemany  
TS/HDO: R. Saban, A. Vergara, M. Pojer

## Sector 78

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- R. Saban reported on Cryo progress: both DFBMs ready to test. They are filled with liquid He to about 65%.
- Need to verify if the level reading and the temperature reading is accurate on all 4.5K magnets (R. Saban will call Ranko Ostojic)
- M. Pojer: the problem with the four circuits mentioned yesterday was traced to a faulty FGC. This has been repaired.
- DFBAO: one lead colder than the others (at 28K). Is there ice formation on the chimney? Will be checked by V.Chereyre.
- The correct connection of the power cables to the energy extraction system will not be done by AT/MEL, but by TS/EL.
- M. Zerlauth: there will be a logging database upgrade. Estimate is four hours, no data will be lost but data will not be available for a while. Need to find appropriate quiet period to perform. One possibility: next Thursday, during the training.
- ELQA uses its own database and also gives reports to MTF. D. Bozzini says they are open to requests as to what data they should give out to MTF and other databases.
- (point 4, right: do not connect cables to current leads before qualification – currently some are temporarily connected)
- Next meeting Monday 26 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, 26 March 8:30 in 2889-R-009**

R. Schmidt  
M. Koratzinos