

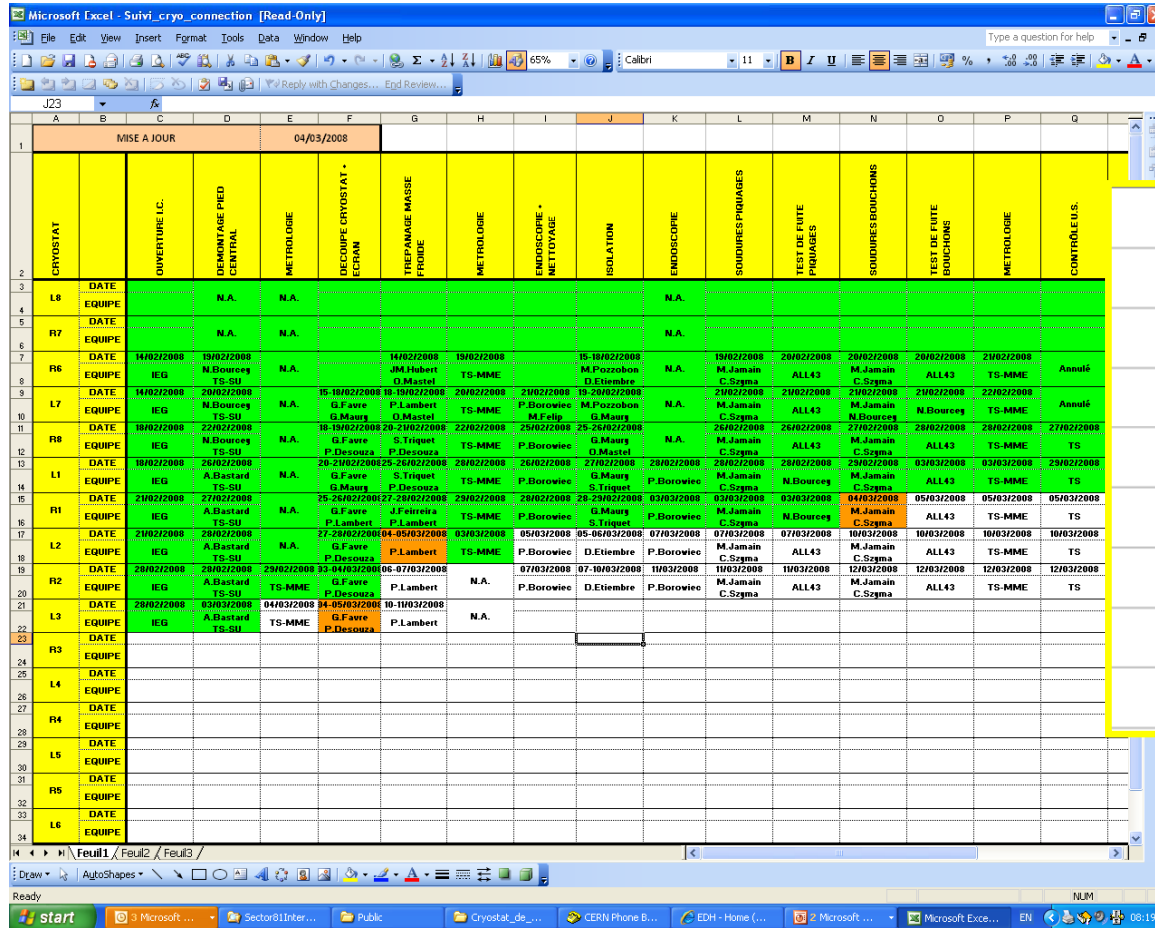
LHC Arc and Special Interconnections: update

F. Bertinelli / AT-MCS

(on behalf of IC Team)

- **Connection Cryostats repair**
- **Study for possible DFBA cable intervention**
- **Other points**

Connection Cryostats repair

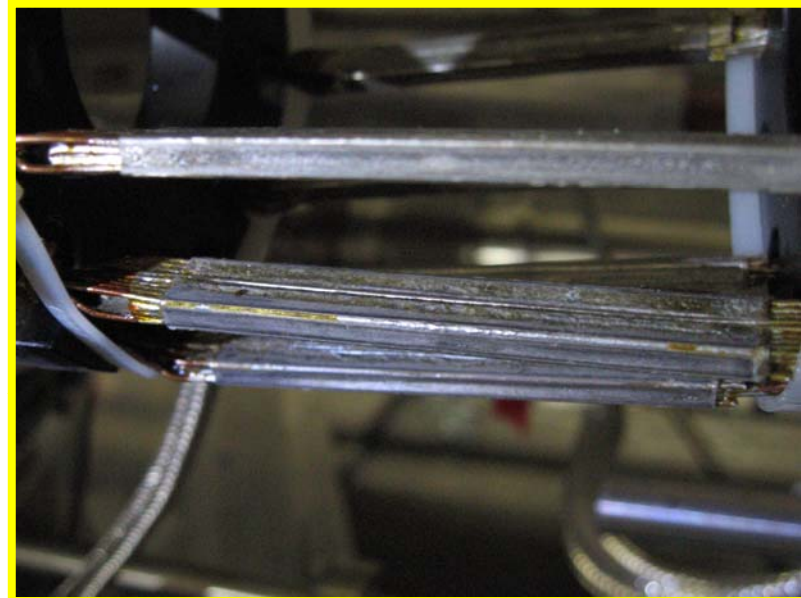
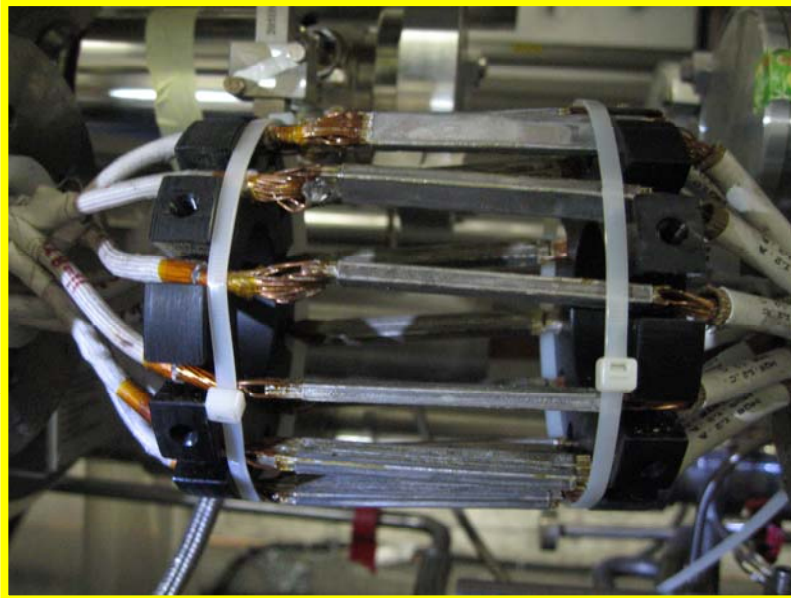


Sector	Status
1-2	closing, wk. 11/2008
2-3	wk.12/2008
3-4	wk.13/2008
4-5	wk.17/2008
5-6	after warm-up
6-7	closed, wk. 09/2008
7-8	closed, wk. 07/2008
8-1	closing, wk. 10/2008

From N. Bourcey

- Welding procedure for vacuum tank improved: reduced deformations (thanks TS - MME)
- Geometry measurements to be presented at next MARIC (TS - MME)

Study for DFBA cable intervention



From F. Savary, C. Urpin

- Mock-up being prepared (for end wk. 11/2008)
- Difficult and risky:
 - debraze (doubly overlapping cables, crimping plate)
 - new insulating inner piece
 - damage insulation, pulling cables etc.
 - do only if really necessary (but if so, better now than later)

Other points

Sector	Status
1-2	<ul style="list-style-type: none"> • Jack/concrete problem with SSS 19L2: concrete reinforced, but SSS 1 mm longitudinally from final corrected position • we are checking for possible damage to IC components
2-3	<ul style="list-style-type: none"> • 2 leaks being repaired, DFBA 2R: link, chimney current lead
4-5	<ul style="list-style-type: none"> • Consolidation starting wk. 12/2008 • Detailed planning prepared (from Montse Felip-Hernando) • Resources: ~ 12 AT-MCS (6 FSU), 10 IEG, VAC, MEI ... • Triplet Q1/Q2 and Q2/Q3 IC already closed • Decided to cut 2 PIMs in case one found with deformed RF fingers • Visite Inspection Commune being prepared (A. Musso, 13 March)
6-7	<ul style="list-style-type: none"> • One leaking He-guard repaired (leaking O-ring)
general	<ul style="list-style-type: none"> • Encourage to attend the refresher radioprotection course (but not affecting access until first beams circulate) • Bellows for He-guard repairs in 4-5 (and 5-6) received at CERN