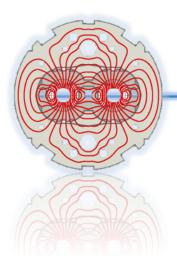
TEMB - 19 January, 2009



Status Report of Magnet Work Week 03 / 2009

Francesco Bertinelli - TE/MSC

Surface magnet planning with important contributions from N. Bourcey, V. Parma, M. Modena, M. Bajko, R. Veness



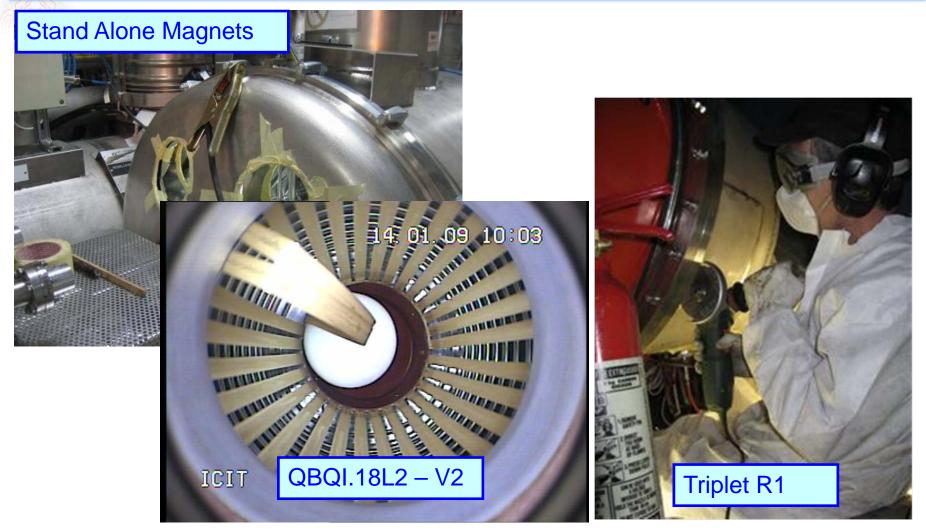
Summary tunnel 3-4 Week 03/2009

3-4:

- 1 (2) MB reinstalled in D area in W03
- VAC cleaning ongoing
- SAM ongoing (Q6L4)
- Y-line repair ongoing
- 1-2 shutdown:
 - SAM ongoing (Q4R1, Q5R1, Q6R1, Q5L2, Q6L2)
 - triplet braid R1 ongoing
 - RF ball, 3 PIMs with buckled fingers on V2 (QQBI.18L2, QBQI.18L2, QQBI.19L2); R1 cleaned
 - MB B16R1 decryostated, opening W04 in Bdg. 181
 - 50 n Ω 31R1-31L2: magnet data OK (snapshots), 20/24 IC US tested, open and test 4 others?
- 5-6 shutdown:
 - 3 Connection Cryostats started
 - arc SSS He guards started



Tunnel activities



Courtesy J. Mazet, P. Borowiec (ICIT), H. Prin

19 January, 2009



Surface Magnet Planning: Dec. 08

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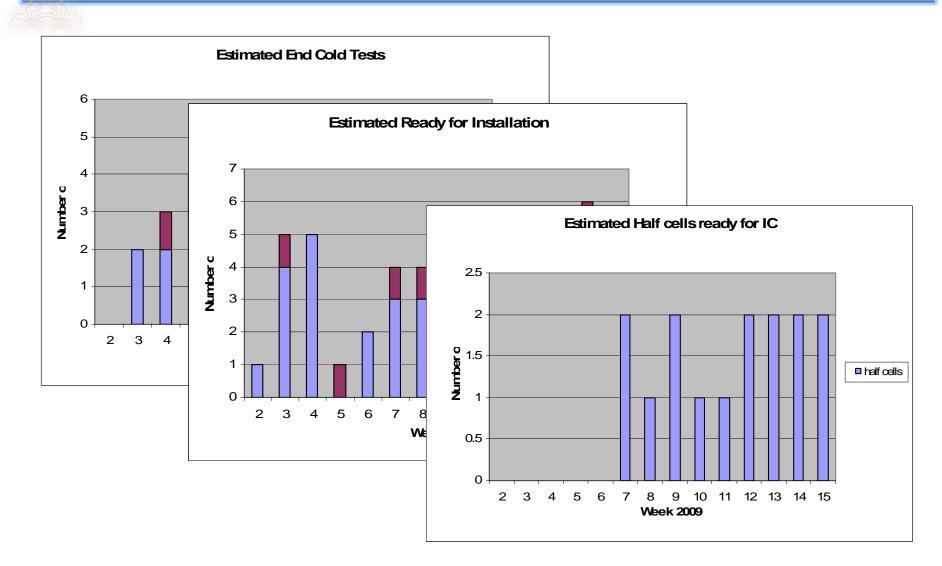


Surface Magnet Planning: individual Jan. 2009

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Surface Magnet Planning: individual Jan. 2009





Surface Magnet Planning: important issues

- Balanced resources through activities: ~ 3MB + 1 SSS per week
 - > in the short available time, and for the relatively short durations no obvious further increase in capacity
 - > no (very little) contingency
- Commitment there (good!), but ...
 - Cold testing risks:
 - number of quenches
 - magnets failing test (e.g. MB2420 with 27 $n\Omega$)
 - retesting / thermal cycles (e.g. MB....)
 - SSS risk:
 - SSS failing = 6-8 weeks for a replacement
 - Non-conformities: e.g. spiders, diodes in W03
- Do not "chase" the 1 magnet on the planning = "handle with care"
- Now redo IC planning (survey etc.)
 - cohabitation with transport: may imply night shifts from ~ W08, (to be discussed)



Quality Quality Quality

 Many new intervenants collaborating (but of course many left ...), organisational changes etc.

- Please accept and help towards this
- Quality-Quality-Quality:

• no paranoia, but need to at least do "as good as before" and better where we know what to improve: let's not be complacent ("it has always been done like this ...")

From TE-MSC Group Meeting, 15 January

> Quality issues in W03: spiders, diodes

• no showstoppers, but expect more and some delays