

## MEF report 09/02/09

### **LHC shutdown:**

1. For the eventual replacement of water cooled cables, a decision will be taken this week on whether to start the "pilot" replacement at point 4 or 6.
2. At Chamonix the problem of a UPS failure for the QPS was raised. Such a failure would disable the Quench detection system, which would potentially leave powered magnets unprotected during the power supply ramp down (approx 100 seconds). A crash program has been started by TS/EL to add additional power cables in the tunnel to allow redundant UPS powering for the QPS. This system will be installed around the entire ring.
3. Other Chamonix decisions (see DG's e-mail...)

### **PSB shutdown:**

1. All on schedule

### **PS shutdown:**

1. Refurbishment of the remaining 9 PS magnets is complete and they are all re-installed in the tunnel.
2. The cabling work is in full swing. The schedule, which foresees closing the tunnel in two weeks is tight, but achievable. The circuits concerned are: QSE, BSW23, BSW31, QKE16, Triplets, Doublets, BSW57, XSE, QKE16CT25, QKE16CT73, ODE and SMH16 and SMH26.

### **SPS shutdown:**

1. Repair of 90 dipole manifolds (sectors 1, 2, 3 and 4), is complete. This completes the repair of the 244 Lintott magnets in the SPS
2. Other works are on schedule