Dear colleagues,

here is a short summary of our meeting on the protection of the water-cooled cables from this morning:

- The visit on 23.06.2010 showed that the Elettas are mounted on the water inlet of the cables, which is located in the tunnel. Therefore, they cannot be used to monitor the heating of the cable.

- The following solution to protect the cables was proposed and agreed on:
  At the outlet of each water cooled cable a thermoswitch will be installed (between the hose and the drain). Since for each polarity 2 water-cooled cables are connected in series, 8 thermoswitches are needed in total for the MBS/MBB circuits. Additional cables are needed to connect them to the interlock racks in BA6:
  * 2 short cables NE8 in BA6 from the interlock rack to the 4 thermoswitches at the ends of the water-cooled cables in BA6.
  * 1 cable NE48 to a distribution box located near the junctions of the water-cooled cables at the start of TT60.
  * 12 cables NE4 to the Elettas at the end of the water-cooled cables near the magnets (4 long cables) and to the Elettas and new thermoswitches at the junctions (8 short cables)

- Jeremie will take care of the Thermoswitches. A heat run will be organised to check the calculated values for the heating of the cables. On the basis of these tests the thermoswitch model will be chosen.

- Pierre will send the cable requests to Guillaume who will order them.

- The cables will be pulled together with the other cables from BA6 at the beginning of the end-of-year shutdown.

Your comments are most welcome.

Best regards

Christoph