

# PLANNING FOR THE TESTS OF THE WARM MAGNETS OF POINT 2

## PLANNING MEETING

19<sup>TH</sup> SEPTEMBER 2007

**Presents:** Carlos Fernandez Robles; Hugues Thiesen; Maria Paz Lino;;Jacky Mazet; Jean-Claude Guillaume; Michel Condemine; Olaf Van Der Vossen; Pal Anderssen; Emmanuel Paulat; Geremie Bauche, Nicolas Gilbert.

**Excused:** Jerome Pierlot; Pal Anderssen; Guy Salomon; Simon Brown; Franck Moro;

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### Planning

The tests of the TI2 LHC warm magnets of point 2 have been re-scheduled for week 40-41-42. To agree with some of the activities needed for the Ti2 tunnel tests.

The tests for the compensator magnets in point 2 will may be schedule for next year due to the late installation of the compensator because of Alice planning. More infromation will be given once Alice defines their interventions at the level of the compensator.

### Special point with the Ti2 Tunnel Tests

Jean Claude, Michel, Nicolas and Hugues agreed that the the reparation works on the cables will be done from Thursday 20th Sep. morning to Monday 24th Sep. The "consignation" of the 18kV power converters will be done by AB/PO together with the general services people from Thrusday morning, Geremie will contact them.

Nicolas announced that due to the beam tests the: Point 2 and sector 12 and 34 will be closed in the following dates:

- Friday 5th of October from 14.00 until Monday 8th October at 10.00 (After the meeting, these dates were modified: Beam test on the 14<sup>th</sup> October; closure: Friday 12th of October from 14.00 until Monday 15th October at 10.00
- Friday 26th October from 14.00 until Monday 29th October at 10.00

### Points Discussed During the Meeting

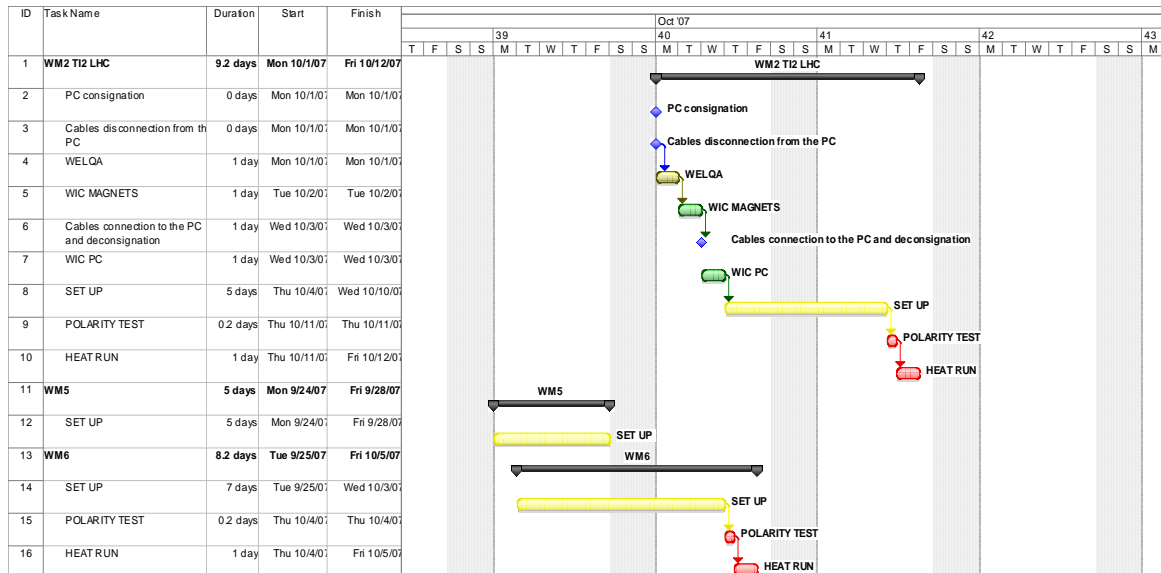
#### Readiness of each system:

- WorldFip (Claude Dehavay) - Phone communication (Carlos): everything is ready.
- Grounding (Jerome Pierlot)- Email: The ground cables are there but they are not connected because in the time that was done the MSI were not yet installed, so the user should have done this. In any case he will send someone as soon as the NEG activation have finished (from Monday on).
- WorldFip (Frank Moro) – Phone communication (Carlos): Balancing of the magnets will be done between Thrusday and Friday week 38.
- AC Distribution (Simon Brown) - Phone communication(Carlos): everything is ready and the “dossier” sended to Guy.

- **DC Distribution+Interlock cables and connectors (Michel Condomine)-** Michel confirmed that all DC Cables are ready and interlock cables for the MSI are on the cabletries so have to be pulled down to the WIC boxes. This work will be done on Monday 24<sup>th</sup> Sep.
- **WIC (Pierre Dahlen):** He will do the point with Michel on Monday.
- **Magnets (Jacky):** Everything ready.
- **Wi-Fi (Olaf Van Der Vossen):** Wi-Fi is ready on surface.
- **VIC (Emmanule Paulat):** A VIC for the tests is organized Friday 28<sup>th</sup> September at 10.00 with Emmanuel Paulat. In principle it has agreed to close the tunnel from UJ23 to the MSI. The effect of this action with respect to the interconnection works will be seen to take the last decision during the VIC.

**Tests planning:**

- **Polarity test in the TI2 tunnel is foreseen to be done on Friday 28<sup>th</sup> September. ELQA in the TI2 LHC test has been foreseen to be done in the beginning of week 40.**
- **Given that the announced date for the beam test was the 7<sup>th</sup> October, it was agreed that if any problem appeared during the polarity tests, this activity could be prolonged to the beginning of week 40 in order to complete it before the beam test. The team carrying out the polarity tests in TI2 tunnel is the same as the one performing the ELQA in the TI2 LHC. It implies that the start of the tests in TI2 LHC could be delayed.**
- **At the meeting the data announced for the beam test was 7<sup>th</sup> October, but it was postponed to the 14<sup>th</sup> October after the meeting. Since this new date gives more margin, it was agreed (phone conversation, Nicolas, Maria Paz, Jeremie Bauche ) to maintain the ELQA for the Warm Magnets in TI2 LHC on Monday 1<sup>st</sup> October, max 2 hours.**
- **An initial planning for TI2 LHC was proposed, aiming to 2 weeks of tests:**



- It was pointed out that most likely week 42 will be required as well as initially foreseen. The final date for the heat run will be confirmed in a posterior meeting.
- It was verified the availability of the different teams to carry out the warm magnets tests in point 2, 5, and 6 even if some overlap between the tests is foreseen, see planning above. (After the meeting, it was discarded the setup in point 5 during week 39 due to the co-activity with the bake out in the area. PO has confirmed the availability of their teams to carry out the setup during the week 40 instead, phone conversation Hugues- Maria Paz).
- Concerning the cable disconnection from the power converters required before the ELQA and posterior connection, PO has accepted to carry out this task from now on.

#### **General points:**

- **Co-activity to be aware of: Interconnections and cabling**

For the works on the tunnel side, Emmanuel agrees, that the work can be done. For the intervention on the QRL side will be needed to discuss it with Emmanuel.

On Monday 1<sup>st</sup> October, due to the WEIQA, the work on the zone of the tests will not be possible until HCC gives the ok at the end of the High Voltage tests.

#### **Interconnections:**

In co-activity with the tests there will be the interconnections activities of the cold magnets, and Q7-DFBA, Q6-DFBA to be done. Olivier Deni will give a list of activities and people during that these 3 weeks will need to access the elements specified above.

#### **Cabling:**

There is a “connectique”campaing to be done in UA23 and UJ22, Jean Claude specified that the work is only in the tunnel side.

**Esther & Paz**