

Minutes of the 8th FOM meeting held on 05.11.2013

Agenda:

- 1) Introduction (K. Hanke)
- 2) Schedule of cooling water interventions (N. Roget on behalf of S. Deleval)
- 3) Latest version of the check-out and start-up schedule (K. Foraz)
- 4) AOB

1 Follow-up of the last meeting

The minutes of the 7th FOM meeting were approved.

Pending actions:

There is a pending action for adding the “CO red days” dedicated to CO upgrades to the 2014 schedule (3 days in week 2 and 2 days in week 17). K. Hanke reported that this modification will be done together with all the other ones currently under study.

2 Introduction (K. Hanke)

K. Hanke presented the last updates of the 2014 schedule. The slides can be found at

<http://goo.gl/HgE0CM>

The Linac2 source will start commissioning on 4 April and Linac2 will start with beam on 17 April.

The PSB will be handed over from MEF to OP on 5 May and it will receive beam on 30 May.

The PS will be handed over from MEF to OP on 22 May and it will receive beam on 22 June.

Regarding the ion chain, Linac3 will start hardware commissioning on 2 June. Beam commissioning is foreseen to start on 16 June. LEIR will receive beam on 30 June.

Regarding the OP shift coverage, there will be 2 shifts with 2 persons from 7 April and 3 shifts with 3 persons from 23 May (or the week later, still under discussion).

At the moment the official schedule is not aligned with the presented one. Discussions and checks are going-on to establish the availability of hardware, controls and services to define a consistent schedule for the start-up.

3 Schedule of cooling water interventions (N. Roget on behalf of S.

Deleval)

All dates (stop and restart) of the planned and approved interventions on the cooling water stations for the different circuit on the Meyrin and Preveessin sites are reported in a presentation. The presentation can be found at:

<http://goo.gl/HgE0CM>

4 Schedule of the injectors complex in 2014 (K. Foraz)

K. Foraz presented the 2014 schedule under study. The slides can be found at

<http://goo.gl/HgE0CM>

The present proposal is based on two assumptions:

- 1) if the EIS are not available they can be shunted for access system commissioning
- 2) the availability of the services (EL, EPC, CO, CV...) as indicated on the draft planning (to be confirmed).

For PS, there were requests to allocate more time for PS magnet tests (D. Bodart) and POPS connection and test. The restart after the maintenance of the PS magnet cooling system is foreseen on the 21 April but it could be put backward to the 1 April (to be confirmed).

For PSB, additional time is scheduled for crane installation, civil engineering and LIU interventions.

One of the main issues is the incompatibility of access system commissioning and the cooling availability. R. Steerenberg proposed in the EN-MEF coordination meeting of 4 November 2013 to make the first tests for access commissioning in week 7-10 (shunting all non available signals). Weeks 12 and 13 are dedicated to solve the non-conformities and week 14 will be used for the global access test.

Marine Gourber-Pace asked when the control system has to be available. K. Foraz answered that it should be available by week 7.

At the moment a list of the services per area is being prepared. Different aspects have to be clarified:

- 1) The end of the maintenance of the cooling for the PS magnet
- 2) The impact of the access commissioning in week 14 with respect the PSB HW test
- 3) The possibility to reduce the PSB HW tests by one week.

To clarify the previous points meetings will be organized by MEF in partnership with OP. Details will be available by the end of December/ beginning of January.

C. Mastrostefano pointed out that the access commissioning in week 7 is not compatible with the Linac2 shutdown planning. K. Foraz noted that the access system commissioning was foreseen to start in February also in the previous schedule. The unavailable systems can be shunted but their number should be limited to profit for the week dedicated to the access non conformities.

R. Scrivens asked if the Linac2 coordination for the schedule can be organized also by MEF. K. Foraz will organize it for Linac2, PSB and PS. Regarding Linac3 there is no need since there is no access system in place..

After discussion, it was proposed to move the DSO test from week 14 to the day just before the beam-commissioning phase.

M. Gourber-Pace informed that CO would need a dry run before the HW test. It is important to coordinate it with MEF. A list of the devices will be prepared by the end of November and discussed with MEF.

D. Manglunki reported that the date Linac3 delivers Ar beam to LEIR has been moved by 2 weeks to 30 June. The LEIR HW tests date is unchanged in order to prevent them to take place at the same time as AD (same team of specialists and technical coordinator). Shrinking both LEIR and PS setting up with beam by 1 week, it seems still possible to deliver the Ar beam to the SPS on 22 September. A slide with the details can be found at

<http://goo.gl/HgE0CM>

5 AOB

K. Hanke asked the technical coordinators if there are relevant information to discuss. The technical coordinators reported that the LS1 activities are on schedule.

A. Bland informed that on Tuesday 19 November (from 06h00 to 07h00) several routers will be off (no network available). TI is already informed. Next year, a disconnection test of the technical network is going to be organized possibly when the beam is on. Further details will follow.

Minutes edited by G. Sterbini.