



**ELENA:
Installation and integration committee meeting
Minutes**

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Pages: 5

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1 FOLLOW-UP OF LAST MEETING

The minutes of the previous meeting were approved. They are available on the corresponding INDICO page.

2 INSTALLATION PROGRESS AND PLANNING

E. Harrouch presents the worksite follow-up.

Lissage is on-going (TBC because Tobias is not at CERN) LNR20 will be done when the bake-out is finish. One corrector magnet has been found off by 5mm from its nominal position and was corrected (After the meeting, it has been decided to relocate this magnet to another position since the BPM connection boxes could not be mounted).

A. Russo says that 2 correctors has been installed 4 correctors are under certification.

There is no news for the SEM.

E. Harrouch comments that they are 4 sectors already under vacuum and that LNR20 bake-out is on-going. LNS line needs a gate valve between the differential pumping chamber and a pump to be fixed before bake-out.

For the bake-out of LNI-LNE there are 2 scenarios depending if we wait for the SEM or not. If we don't wait for the SEM, LNS/LNI/LNE could be bake-out in parallel starting mid October and it will end the 31st of October.

If we wait for the SEM, it could end the 7th of November. This would be discussed at the next steering committee.

Next week there will be the bake-out of LNR20 and 2 more corrector magnets shall be installed.

The RF Cavity initial tests will be done in parallel with the fast deflectors powering tests, the scrapers tests, the high voltage Power converters IST, the septum control tests and the Ion switch interlock tests.

E. Harrouch reminds once again that any tests performed on the machine should follow the same procedure:

- 1- Notify F. Butin and J. Gascon by email with a description of the tests that you foresee.
- 2 – F. Butin will then trigger a Visite d’Inspection Commune (VIC) if required.

BPM amplifiers still need to be installed; it will be done after the bake-out.

BTVs will be re-assembled after the bake-out.

RF Cavity Tests could potentially start tomorrow and may take up to 2 months (in the worst case scenario, more info will be given by BE-RF after the initial tests).



06/10/16



The access system will not be linked to the EIS on the transfer line bending magnet (to inject beam from AD) at the moment. These magnets will remain locked-out during the commissioning with the source until the end of this run.

Erwan compiled all the tests foreseen before beam commissioning in one Excel file (attached to the Indico presentation) all the groups concerned are invited to comment this planning if there is a mistake or if some tests have been forgotten.

DSO tests still have to be discussed next week with M. Tavlet.

T. Eriksson wonders about being 2 month without RF cavity. A. Jones says that this is the worst-case scenario. If this worst case scenario is confirmed, options for partial operation of the cavities will be discussed, as the they are needed once circulating beam is established. About LL-RF, M.E. Angoletta adds that some integration is foreseen before Xmas and that all will depend on people availability.

3 AOB

Safety documentation, C. Alanzeau has confirmed that the Engineering check of 3 documents has been performed. PS-CSAP members will be notified of these documents for recommendation / approval at the next PS-CSAP meeting.