



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

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Revised by:	
Approved by:	

ATTENDEES LIST:

Name	Affiliation
Alanzeau, C.	EN-HDO
Barna, D.	PH-UAD
Bartmann, W.	TE-ABT
Breuker, H.	PH
Carli, C.	BE-ABP
Dalocchio, A.	EN-MME
De Paco, J. M.	TE-EPC
Dumas, M.	TE-MSD
Grimaud, A.	TE-VSC
Harrouch, E.	EN-MEF
Jones, A.	BE-RF-IS
Kolehmainen, A.	EN-MME
Lefort, B. (secretary)	BE-OP
Mua, L.	EN-MME
Ostojic, R.	TE-ABT
Pasinelli, B.	BE-OP



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1 FOLLOW-UP OF LAST MEETING

The minutes of the previous meeting were approved and are already available in INDICO at <https://indico.cern.ch/event/438301/>.

2 PID FOR THE TRANSFER LINES

A. Grimaud is presenting the PID layout.

The only data missing is the sectors length. A. Grimaud wonder who knows the exact length of each sector in order to add them to the PID layout.

The actual design is using NEG coated elements. C. Carli says that the NEG coating is still under discussion.

D. Barna asks who is the responsible for the vacuum gauge in the experimental areas.

A. Grimaud reminds that the vacuum sectors I and J can't be isolated. There is no valve around the beam stopper.

3 PARTS PRODUCTION FOLLOW-UP

A. Dallocchio is presenting the parts production follow up.

Ceramic assemblies for PU Schottky, fast deflector and the kicker injection vacuum tank are completed.

A. Dallocchio says that the vacuum firing has been done on all the equipment that was specifying this requisite.

The insulator assembly (for septum and Fast Deflector) will be delayed to the 15 of October due to some parts missing.

The BTV vacuum vessels are delayed till October due to the bellow assembly delay.

BPM are in production but the final date will depend on the metrology cost.

LNR dipole chamber are in production but the bellows are delayed and they need to be soldered to the chambers. They should be ready for the first week of November.

PU Schottky (High & Low Frequency) will be delayed by 2.5 months mainly due to a problem with the electron-beam soldering machine. C. Carli says that this delay must be checked with the installation planning.

Scrapers are in production in Spain. A factory reception is foreseen.



Ejection vacuum chambers VCKYA should be ready for the first week of September.

The E-cooler drawings are ready but the preparation hasn't started.

E. Harrouch says that the delays shall not impact the planning. The only critical point is the LNI chambers production but the proposed new date fit in the actual planning.

4 ELENA INSTALLATION FOLLOW-UP

E. Harrouch presents the ELENA Installation follow-up.

- ▶ Mechanical support installation

Marking for LNI and the vacuum supports done

Septum has been relocated to allow the drilling of the vacuum support

Cutting of the cable trays done

Drilling for the vacuum supports done

End of installation of the mechanical support will start by the end of the week.

Septum can be reinstalled

Central hexagonal platform is finished; the rack new platform is almost finished (only the barriers are missing).

B. Lefort says that the H- source has been installed but the source can't be craned-out directly due to the water pipes that are just above it. This shall be considered in case of turbo molecular pump failure.

Next week planning is:

- ▶ **Start of the first cabling campaign (P. Burdelski)**
- ▶ Installation of mechanical supports (A. Kolehmainen)
- ▶ Completion of the platform installation (D. Parchet)

5 AOB

No A.O.B.