

Injectors schedule in EDMS :
<https://edms.cern.ch/document/2785499/1.2>

SBA related activities highlights

EHN1

<u>Beam Line</u>	<u>Experiment</u>	<u>Activity / Physics Purpose</u>	<u>Solution / Details</u>	<u>Status/Timeline</u>	<u>Groups Involved</u>	<u>Info Contacts</u>
<u>Beamlines, User Zones and Experimental Areas</u>						
<u>General Building Infrastructure</u>						
Treatment of non-conformities	N/A	Treatment of various electrical non-conformities in EHN1, EHN2 + ECN3	Treatment by a specialized subcontractor	Next Update: Q1-2024.	EN-EL / HSE	Followed up by HSE & the DSO
SAILOR	N/A	Safety Actions defined in SAILOR	New SAILOR list up to date.	2022 actions report available. Safety visit done in December 2023 and report will be available soon.	BE-EA	M. Ambarki & S. Girod
Replacement of false floors in EHN1	N/A	Missing or unstable false floors at various locations in EHN1	Replacement to be done	Done. Installation of lights behind some barracks to be done. Ticket created.	BE-EA	S. Girod, M. Lazzaroni

AUG/AUL Consolidation	EHN1	Remove AULs except GIF++, NA61 and install AUGs	AULs are obsolete and does not respect the norms.	Replacement document to be approved by HSE (ongoing) and removal planned for YETS 2024/25. Users will be notified once the dates are confirmed.	BE-EA EN-EL	M. Lazzaroni
NP04 Beam Readiness	EHN1	Prepare for NP04 run	Various infrastructure changes and installations ongoing.	See Bastien's presentation on 13th Feb at the EATM.	BE-EA, EN-HE, SY-BI, EP, EN-EL, EN-AA	S. Girod, B. Rae

EHN2

<u>Experiment</u>	<u>ics Purpose / Impact</u>	<u>ls / Technical Solution</u>	<u>Status/Timeline</u>	<u>Groups Involved</u>	<u>Info Contacts</u>
<u>Beamlines, User Zones and Experimental Areas</u>					
AMBER TPC	Proton Radius New Measurements	ECR prepared for the changes of 2024. Dates of installation to be finalised.	Installation of the Hydrogen gas supply for 2024 done. Platform to be modified. Ongoing.	BE-EA	S. Girod & D. Banerjee
AUG/AUL Consolidation	EHN2	Remove AULs and replace with AUGs except power converter zones.	Installation postponed to YETS 2024/25 as additional AUGs need to be installed. Removal planned for YETS 2024/25. Users will be notified once the dates are confirmed.	EP-Safety EN-EL	J. Devine
CEDAR Refurbishment	AMBER APX/DY	Refurbish the mechanical parts of the CEDARs following the failures in 2023. Install new pressure sensors and upgrade the control algorithm of the diaphragm, X/Y table.	Replacements of all bearing clutch, cleaning of the parts etc., are ongoing. Following this the parts will be assembled and cycled heavily to ensure reliability. The first CEDAR optics have been aligned and cleaned. This week the first CEDAR will be closed.	BE-EA, SY-BI	M. Lino Diogo Dos Santos

ECN3

<u>Experiment</u>	<u>Physics Purpose / Impact</u>	<u>Needs / Technical Solution</u>	<u>Status/Timeline</u>	<u>Groups Involved</u>	<u>Info Contacts</u>
<u>Beamline Modifications</u>					

News from AD complex (F. Butin, L. Ponce)

- YETS activities are progressing as planned, with slightly early re-installation of the 2 refurbished magnets. Visits resumed over ELENA viewing platform.
- Crane refurbishment is on track. Limited handling possibilities as of W7, profitable for BASE to obtain new full IHe dewars and pursue measurements.
- ALPHA barrack renewal in progress. Waiting for the crane to be back in operation to start installation of the new structure.
- Cryo plant maintenance period announced to start 9th March, for 2 weeks. Disruption to experiments is not negligible.
- ELENA restarting with H⁻. Will have to be interrupted for approx. 1 day for installation of SEM in LNE03 line.
- Restart of AD machine planned as of 4th March, with pbars nominal beam expected on 14th March. Physics expected to restart on 22nd April.
- We got the request from GBAR to continue operation of ELENA with H⁻ beyond end of pbars run (28th October), up to 20th December. Evaluating with support groups if it can be OK.
- TELMAX ECR expected to occur soon, so that we can start with infrastructure works asap. Quite some interest raised in the pbar community for testing equipment.

Experiments News from TIOC (R. Folch)

- Saturday 10. 02.24: AUG tests in B867 with many power cuts. (IMPACT 225427).
- Tuesday 13.02.24 @ 9:00: 30 min technical network downtime for IT to replace the 24 ports switch with 24 ports one. (IMPACT 227072).

News from EP Magnets WG (M. Mentink, N. Pacifico)

- Discussions ongoing to fully clarify the responsibilities between EP / TE.