

Minutes of the 179th EATM Meeting held on 26th November 2024

Minutes and slides available at: <https://indico.cern.ch/event/1488631/>

Present: D. Banerjee (BE-EA, chair), J. Bernhard (BE-EA), A. Devienne (HSE-RP), M. V. Dijk (BE-EA), F. Duval (EP-SME), R. Folch (BE-EA), X. Genillon (SY-EPC), S. Girod (BE-EA), A. Goillot (BE-EA), E. B. Holzer (EP-SME), N. Y. Kahn (BE-EA), D. Lazic (EP-UCM), M. Lazzaroni (BE-EA), X. P. Lopez (SY-ACE), B. Maksiak (EP-SME), L. Nevay (BE-EA), S. Pelletier (EN-HE), G. Petrika (EN-CV), V. Poliakov (EP-UF), B. Rae (BE-EA), G. Romagnoli (BE-EA), A. Rummler (EP-ADO), S. Schuh-Erhard (BE-EA), I. A. Vaquero (EN-ACE), B. M. Veit (EP-UFT).

Apologies: J. Lehtinen, M. Linos.

The previous minutes were approved.

Action items (D. Banerjee) – Slides

Generally, no change to the action items as per the pre-distributed information.

Action item: B. Rae reported regarding the Goliath magnet test that it has been discussed offline and the test in the end can be moved to March.

Action item: Regarding the malfunctioning red light as part of the ATEX system near NA61, **G. Petrika** and **M. Lazzaroni** will report at the next EATM.

Key information from Different Meetings

SBA Highlights (D. Banerjee) – Slides

M. Lazzaroni reported that the works for the EHN1 workshop reconfiguration are progressing well. The result of the Departmental Purchase Order has been received and the procurement will proceed.

Regarding the AUG/AUL consolidation for EHN1, **M. Lazzaroni** conveyed the report from **M. Szewczyk** that the action will take place in January and the ECR is presented today. The work will be carried throughout January.

The chemical disposal in PPE146 is complete. **A. Rummler** commented that the category 9 stickers are outstanding. The chemical disposal team will take advantage of the request and make an inspection of the whole of EHN1 and not just of PPE146 and the materials removed thereof. A similar campaign for EHN2 will also be investigated. (**Action – M. Lazzaroni, S. Girod**)

The scaffolding for the NA61 chilled water pipe circuit installation is now complete. **I. Angulo Vaquero** reported that the works were stopped due to a conflict with the scaffolding and the crane, but under agreement with HSE, the works can now continue.

The consolidation of the AUG/AUL in EHN2 was confirmed to happen in YETS 24/25.

R. Folch summarised a recent incident on Saturday 14th December where a team performing works on the lift to ECN3 were not able to access due to the North safety chain being armed. Eventually, access was possible after 1.5 hours by contacting various experts. The procedure will be clarified for transfer from SPS-OP to the facility superintendent during the general access period of the YETS. **B. Rae** commented this was a rare event that can happen by accident but can be prevented with checks before the weekend.

ECRs (N. Kahn) – Slides

The status of the ECRs for information and future approval was summarised and the full list can be found in the slides.

Four documents were presented for approval:

- AUG installation in EHN2 + AUL removal EHN1, GIF++/H8 and EHN2/M2/BA82. **B. Rae** will review this today. **D. Banerjee** commented that the AUG installation in EHN2 is indeed planned for YETS 24/25.

This will be recirculated on a short time scale as a few stakeholders were missed from circulation.
Postponed.

- PPE144 patch panel installation with passarelle modification. **G. Romagnoli** reported that a seismic analysis was performed and the conclusion was that the blocks are safe as proposed, but nothing should be attached to them in case of movement during such an event. This will be added to the document. **Approved.**
- Asset Replacement Request - Magnet replacement. **Approved.**

Planning and Important Dates (B. Rae)

The access table available online was presented. <https://be-dep-ea.web.cern.ch/experimental-areas/yets-24-25-access-planning>.

	End of Run															Physic Start (EHN1)	Physic Start (EHN2-ECN3)
	02.12.24	09.01.2025	15.01.2025	16.01.2025	17.01.2025	19.02.2025	20.02.2025	21.02.2025	11.03.2025	14.03.2025	24.03.2025	25.03.2025	28.03.2025	04.04.2025	14.04.2025	17.04.2025	
BA80 (TCC2/TDC2)	RP Constraint																
BA81 (TT81->TT84)	RP Constraint																
EHN1												only PPEs	only PPEs				
EHN2												only PPEs	only PPEs				
TCC8																	
ECN3																	

F. Duval asked whether the start of chilled water is on the 3rd or 13th of March. **B. Rae** confirmed that the cooling water is planned to be back on the 13th of March (the demineralised water not for NA62 will start on the 3rd of March). **G. Petrika** will confirm the dates to **F. Duval**. It was confirmed offline that the cooling water for NA62 can start on the 1st of March.

B. M. Veit asked if the access is blocked in EHN2 for the start of physics in EHN1. **B. Rae** responded that this is in fact for the beam commissioning period. This will be updated in the table online.

D. Banerjee reminded all present that beam commissioning has priority during that time and please do not assume access during this time.

News From Experiments YETS Related

IRRAD / CHARM – F. Ravotti (offline report) – All YETS activities in IRRAD/CHARM are properly scheduled in coordination with **A. Ebn Rahmoun**. Activities started at the end of the ion operation (December 2nd) and the usual maintenance activities are ongoing. A few extra works are planned this YETS such as the new condensation drainpipe to be finalised in January; the refurbishment of some beam instruments; and the pulling of few new lines for the new cryocooler pipes in IRRAD (to be completed in February). There are no last-minute requests.

AMBER – B. M. Veit – The target changeover will be done in February, and work is progressing well for this. Waiting on input from EP-DT before making cabling request to EN-EL. This work would be outside the zone and could be carried out during beam time. It was confirmed the cooling water times are well noted.

NA62: F. Duval – no news.

NA64e/μ: V. Poliakov – no news.

NA61: Bartosz Maksiak – Waiting on an integration study and PLAN activity before ordering the buffer container. This will be followed up with **S. Girod**. Mixing and control racks, target vessel work is in progress.

CLOUD: A. Onella (offline report) – The CLOUD Autumn physics run was successfully completed and ended on the 2nd of December). The analysis instruments were transported back to their respective institutes and a few boxes are pending shipment. No changes are planned for the very few YETS activities at CLOUD, as planned with **A. Ebn Rahmoun**.

CLOUD will soon make a request to EN-EL for the installation of additional power sockets. This job is rather small and can be done after the YETS, for example, in May 2025.

GIF++: no report.

HiRadMat: A Goillot ([Slides](#)) – There are several activities taking place during the YETS 24/25 and these were summarised as per the slides. The handling of iron blocks from TT61 and TNC to Isolde is under the responsibility of SY-STI. The BTV tank will be replaced to change the material to aluminium. Most major actions originally planned for LS3 have been brought forward and implemented to handle HL-LHC beams before LS3 and are now in operation.

Feedback from Service Groups

No specific feedback was given.

D. Banerjee commented that works taking place during LS3 as reported to FOM are attached to the indico. Please check these requests considering the shift of LS3.

List of Actions

Organise an inventory of chemicals to be disposed in EHN2 and a visit of the chemical disposal team (in a similar style to PPE146 in EHN1). **M. Lazzaroni, S. Girod.**

L. Nevay, 10th January 2025