



AWAKE – Coordination EYETS 2023/24

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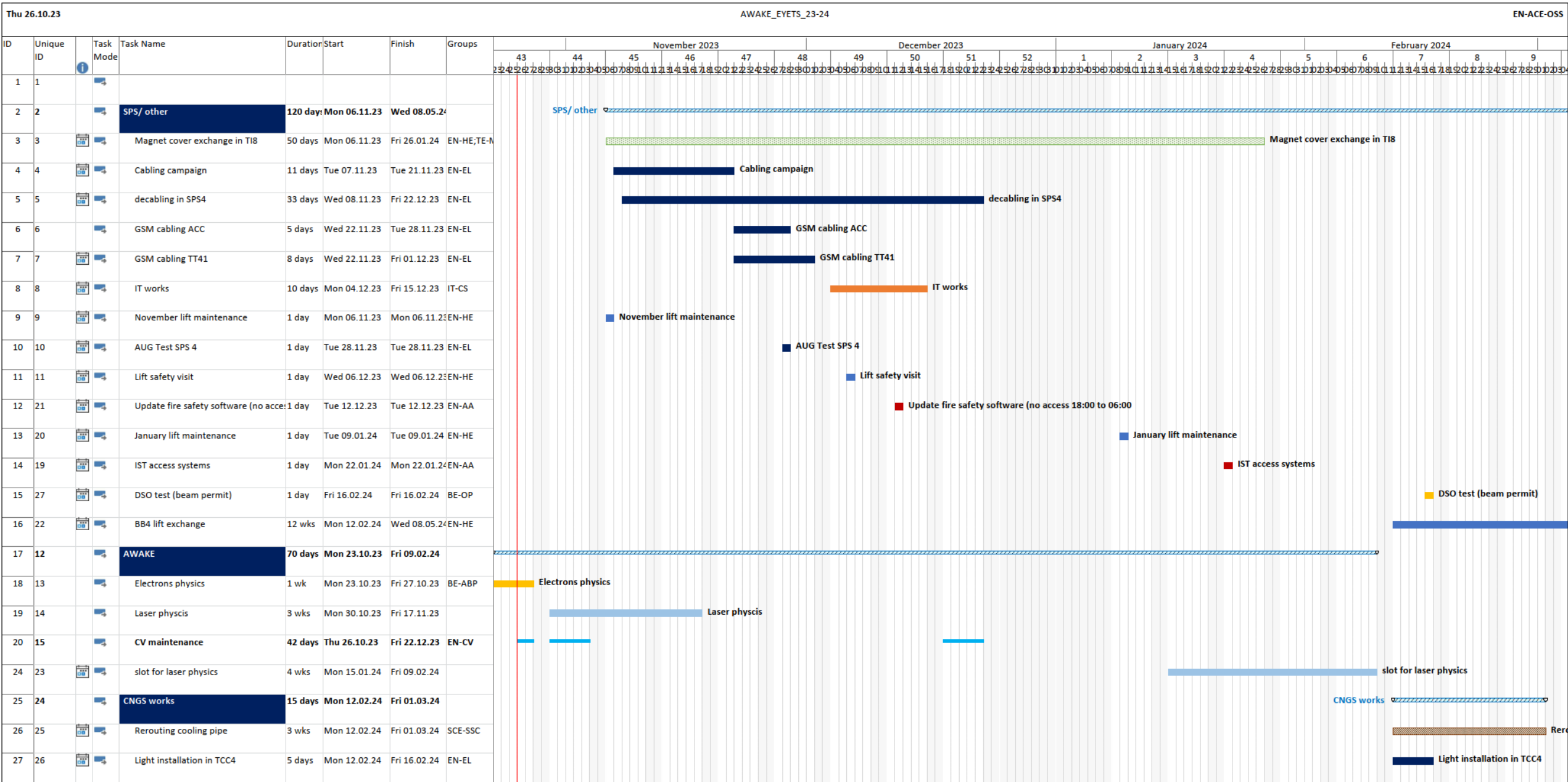
27-10-2022

[AWAKE - coordination meeting YETS overview \(27
octobre 2023\) · Indico \(cern.ch\)](#)

Outline

- **SPS YETS works 2023-24**
- **Global planning**
- **Linear planning**
- **TREC RP reminder**
- **Summary**

Global planning



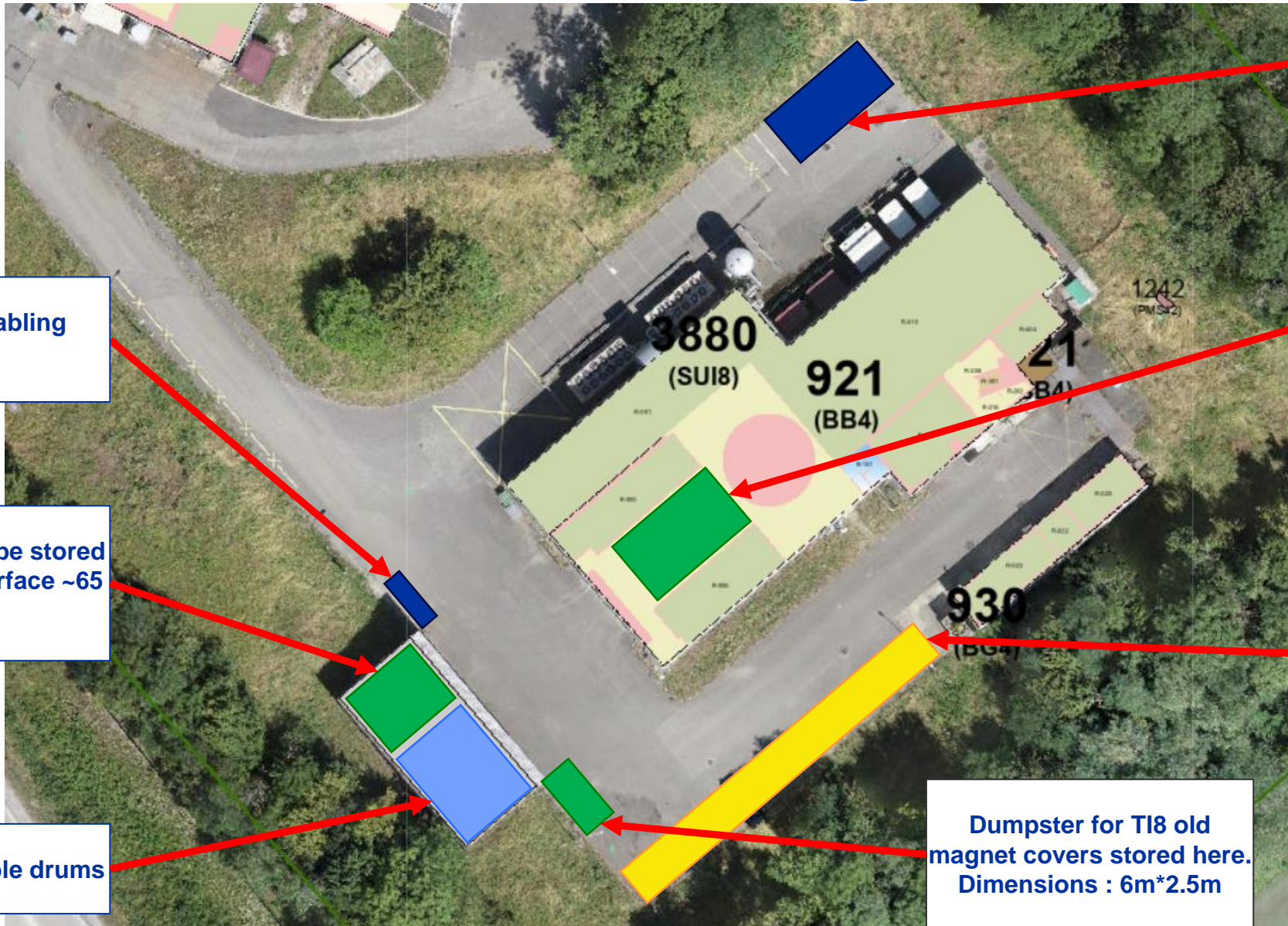
SPS EYETS 23/24 works/constraints

Activity	Area	Date	Constraint
BB4 lift exchange	BB4	From 12 th February 2024 for a duration of 12 weeks (~06/05)	No lift → use the stairs every time we go down
BB4 crane consolidation	ECA4	2 days left of work → from 29/01 to 01/02	No impact
Decabling campaign in the shaft	BB4 shaft	From 08/11 to 22/12	No access to ACC when the decabling team is working
Cabling campaign in TAG41	TAG41	From 07/11 to 21/11	Crowded access at the PAD area
Magnet cover exchange in TI8	TI8 + TAG42 + TAG41	From 06/11 to 26/01	Crowded space in ECA4 and in surface
GSM cabling from ACC to TAG41	ACC + TAG41	From 22/11 to 28/11	No impact
GSM cabling in TT41	TT41 SPS & Awake side	From 22/11 to 01/12	End of zone door open for ~2days → Do not cross the door (except for emergency)
IT works (connectors)	TAG41	From 04/12 to 15/12	No impact
Fire & Gas systems maintenance	All AWAKE	From 12/02 to 16/02	No access on Tuesday from 18:00 to 22:00
DSO test (beam permit)	All AWAKE	On 16/02	No access

SPS EYETS 23/24 works/constraints

Activity	Area	Date	Constraint
November lift maintenance	Lift	06/11 from 08:00 to 10:00	No lift (<u>Restricted area</u>)
AUG test SPS4	SPS4 + AWAKE	28/11 from 08:00 to 17:00	No access (<u>Restricted area</u>)
Safety visit lift	Lift	06/12 from 13:30 to 15:30	No lift
Update fire safety software	All SPS + AWAKE	12/12 from 18:00 to 06:00	No access
IST fire & gas safety	SPS 3/4 + AWAKE	12/12 from 18:00 to 00:00	No access
Electrical normal/Secure test	All SPS + AWAKE	19/12 from 06:00 to 07:00	No access
IST fire & gas	SPS 5/4 + AWAKE	19/12 from 18:00 to 22:00	No access
January lift maintenance	Lift	09/01 from 10:00 to 12:00	No lift
IST access system	AWAKE	22/01 from 08:00 to 17:00	No access

BB4 surface – situation during EYETS



Dumpster for cables from decabling

Container for decabling
2*(2,5m*1m)

Area handled by transport team mainly for the magnet cover exchange works
→ There will be space for 1 or 2 pallets for AWAKE if needed

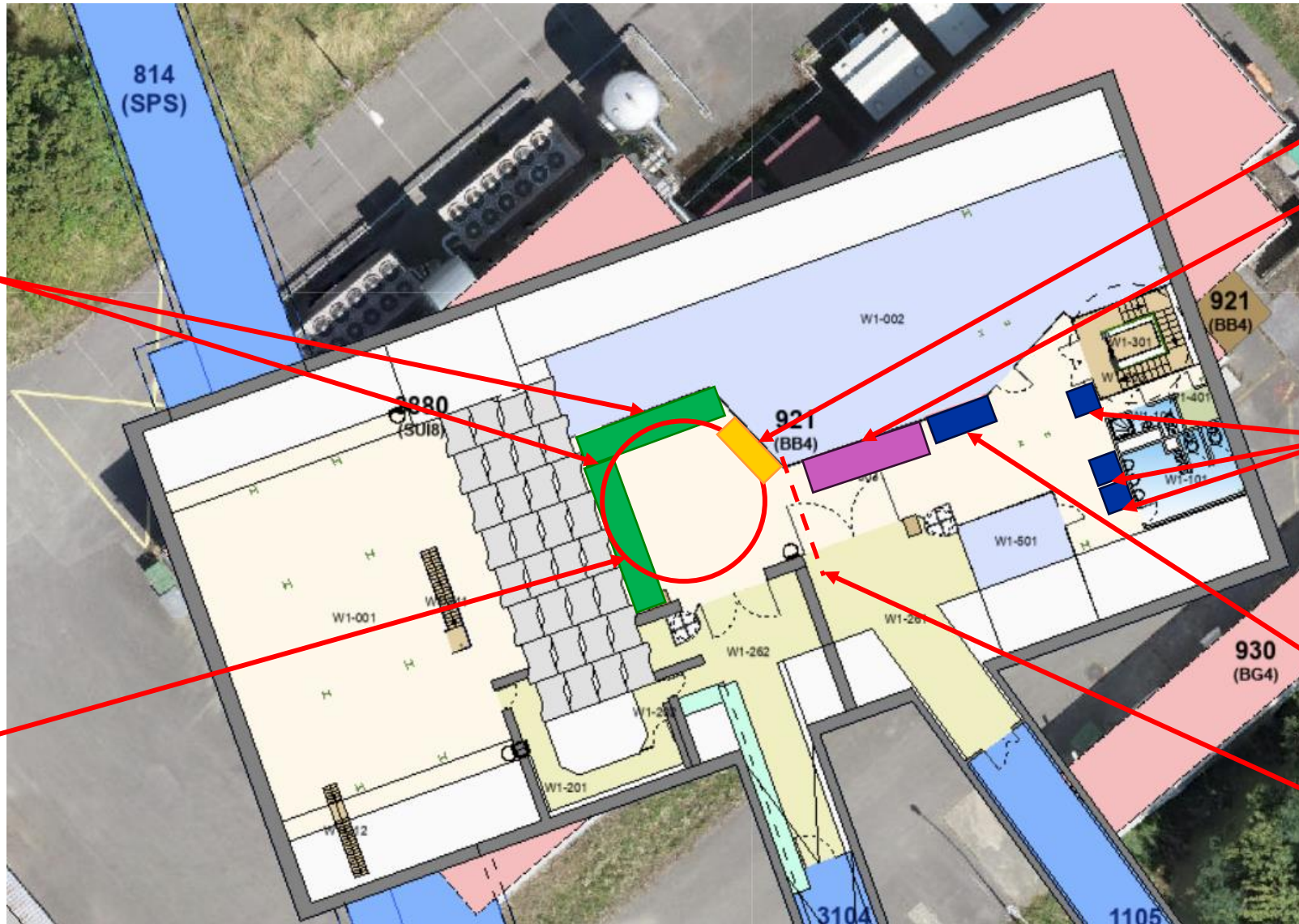
About 50 pallets will be stored under the shelter (surface ~65 m²)

14 parking spots available
→ Park between the lines + park in revers please

Storage of EN-EL cable drums

Dumpster for T18 old magnet covers stored here.
Dimensions : 6m*2.5m

Stockage tampon ECA4 :



Temporary storage for pallets

Shaft limits

Available space for AWAKE if needed

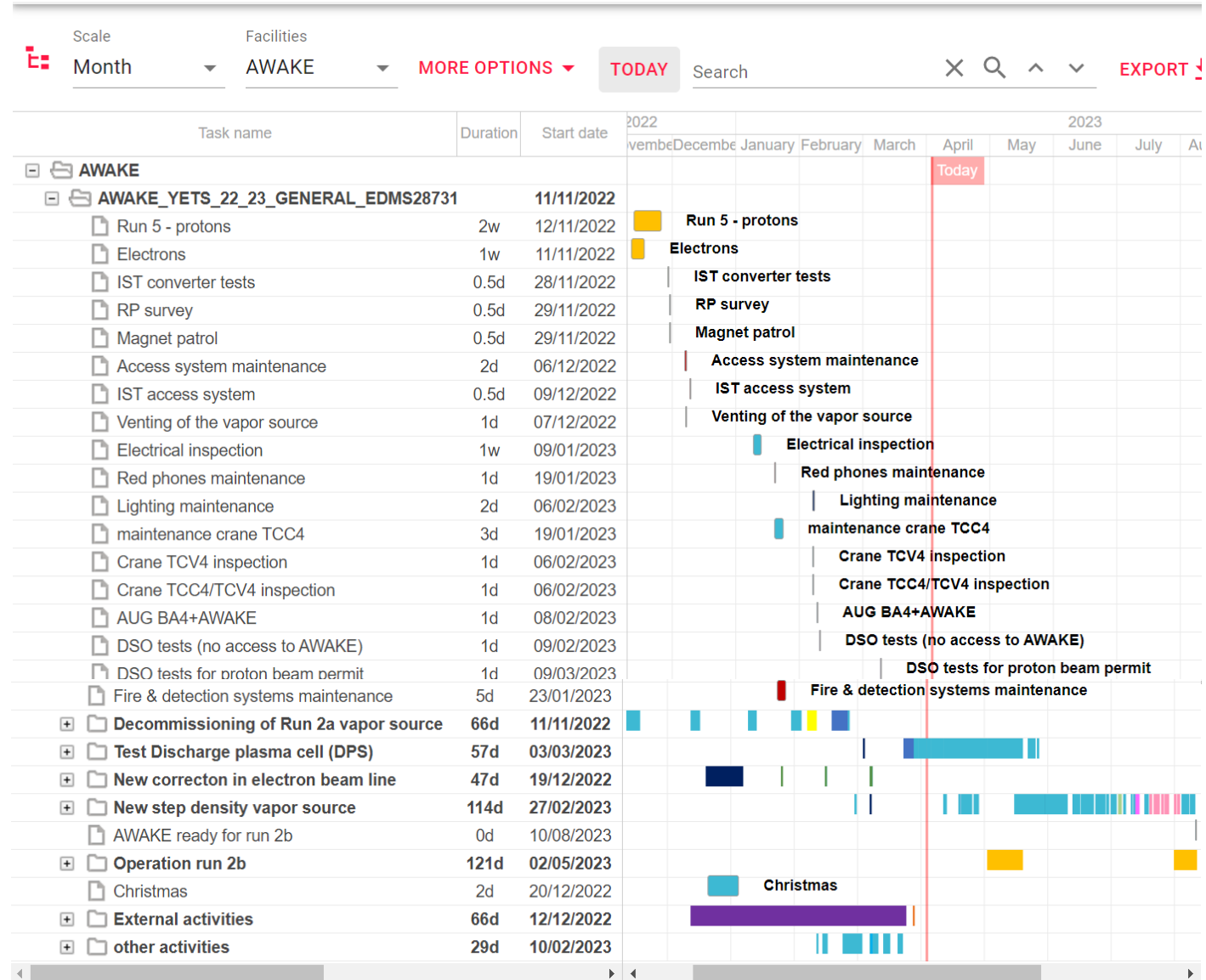
RTL space

3 containers 1m3 for waste from decabling

Storage of container for cables (2,5 mx 1 m)

Safety perimeter for handling shaft handling

Planning – useful links

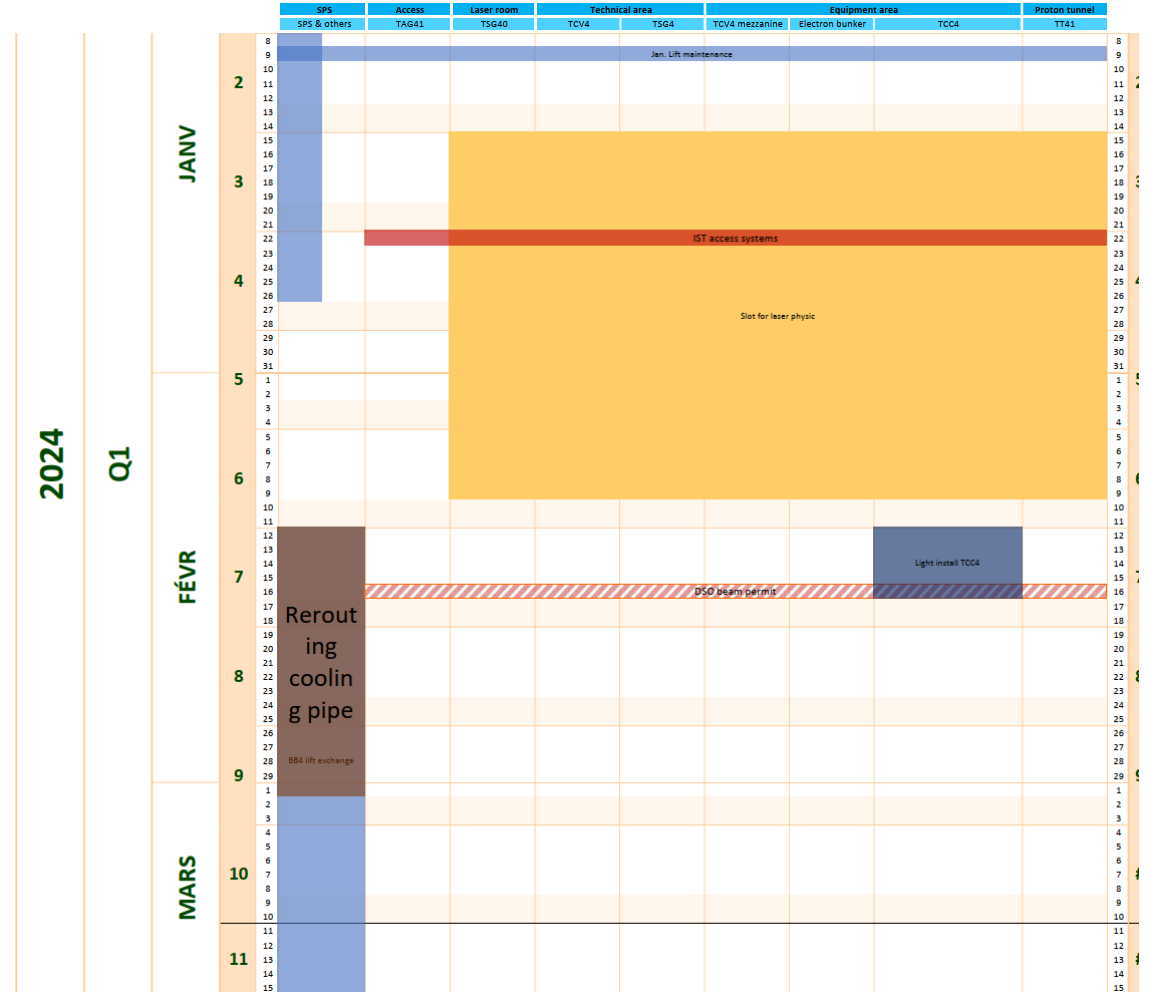
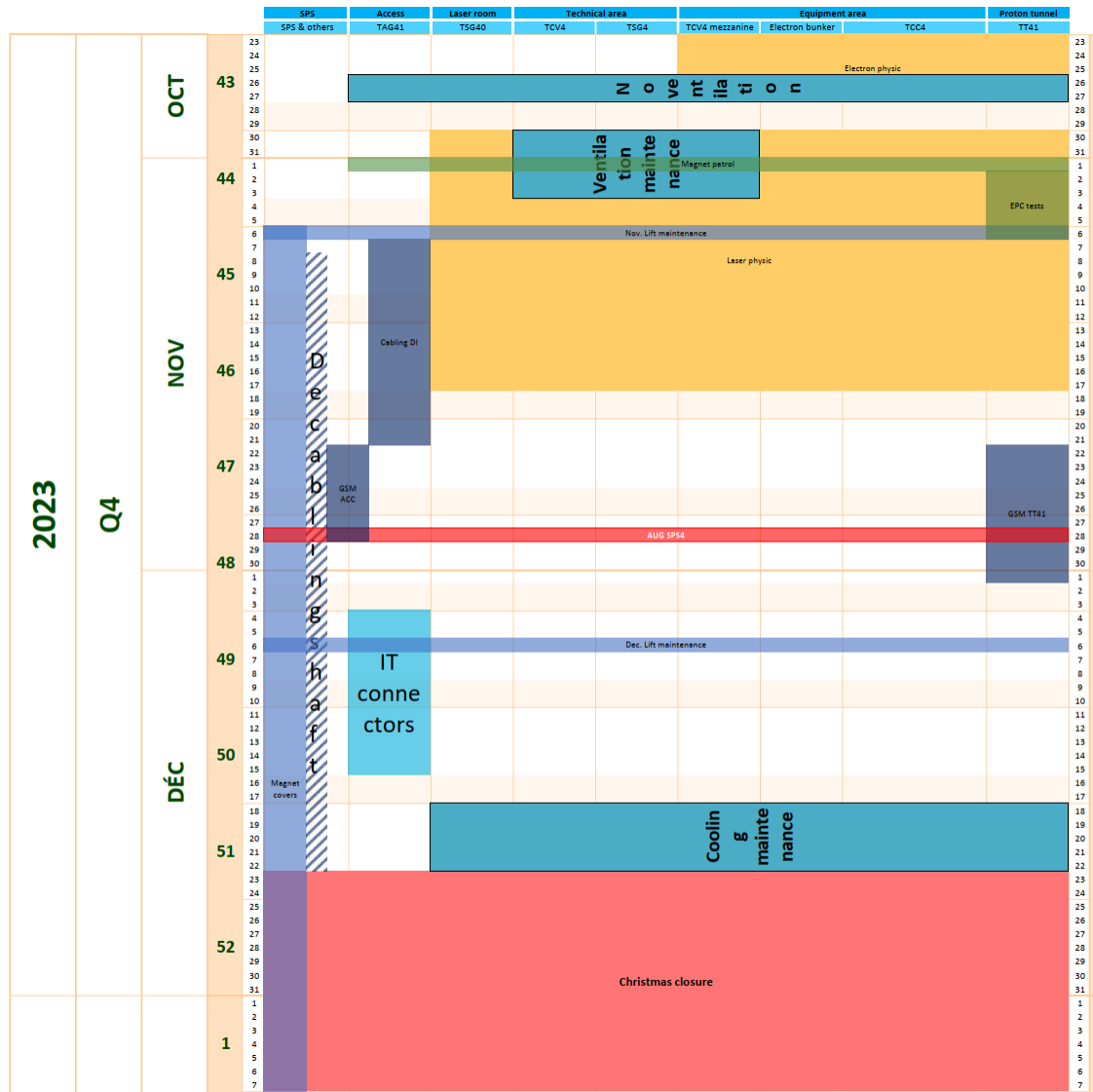


The planning is now available online with a Gantt viewer : [EN-ACE Scheduling Tool - Gantt View \(cern.ch\)](https://cern.ch/en-ace)

Planning main info

- **Laser physics from 30/10 to 19/11:**
 - Activity responsible = Lucas Ranc
 - **Vacuum intervention** requested
- **Vapor source will be put in safe mode before 22/12 (TE-VSC will intervene for that)**
- **Cooling maintenance from 18/12 to 22/12 → no cooling during this period → all equipment should be in shutdown mode before this date**
- **Potential re-start of laser physics on 15/01/2024**
- **DSO test for beam permit on 16/02**
- **DSO tests for electron and laser permit not yet requested**

Linear planning



Activities to come

- **Week 44:**

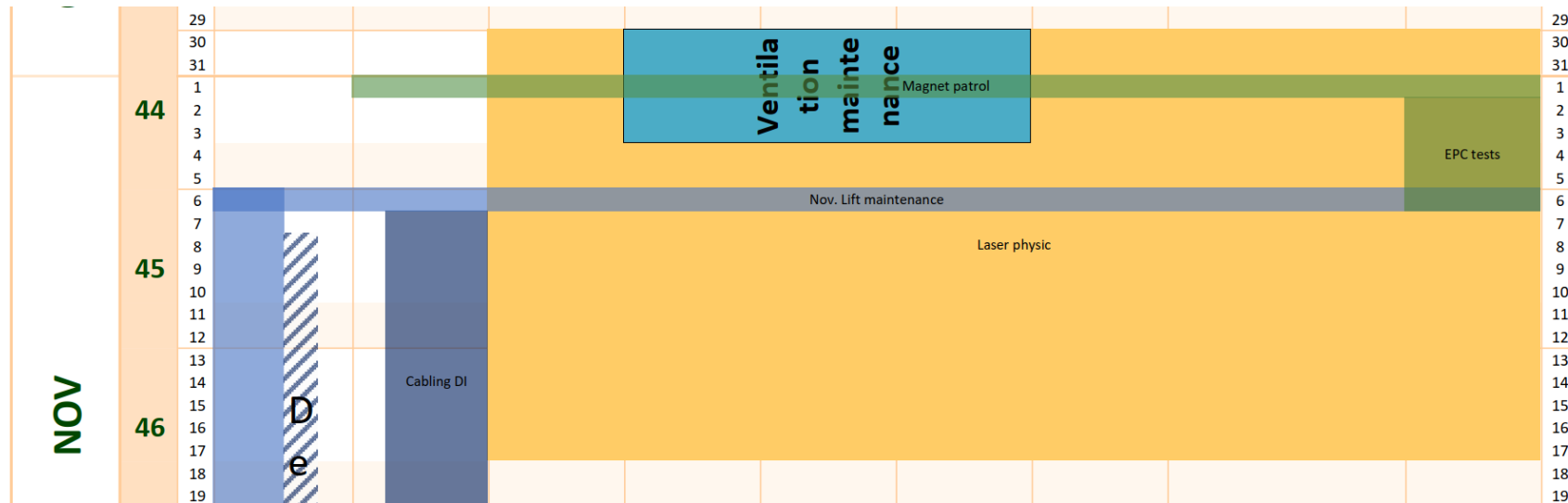
- All week: laser physics
- 01/11: magnet patrol ~16:00 → no access
- All week: ventilation maintenance in TSG4 and TCV4
- 02/11-06/11: EPC tests in TT41 → no access in TT41

- **Week 45:**

- All week: laser physics
- 06/11: lift maintenance 08:00 to 10:00
- Start of all SPS EYETS activities

- **Week 46:**

- All week: laser physics

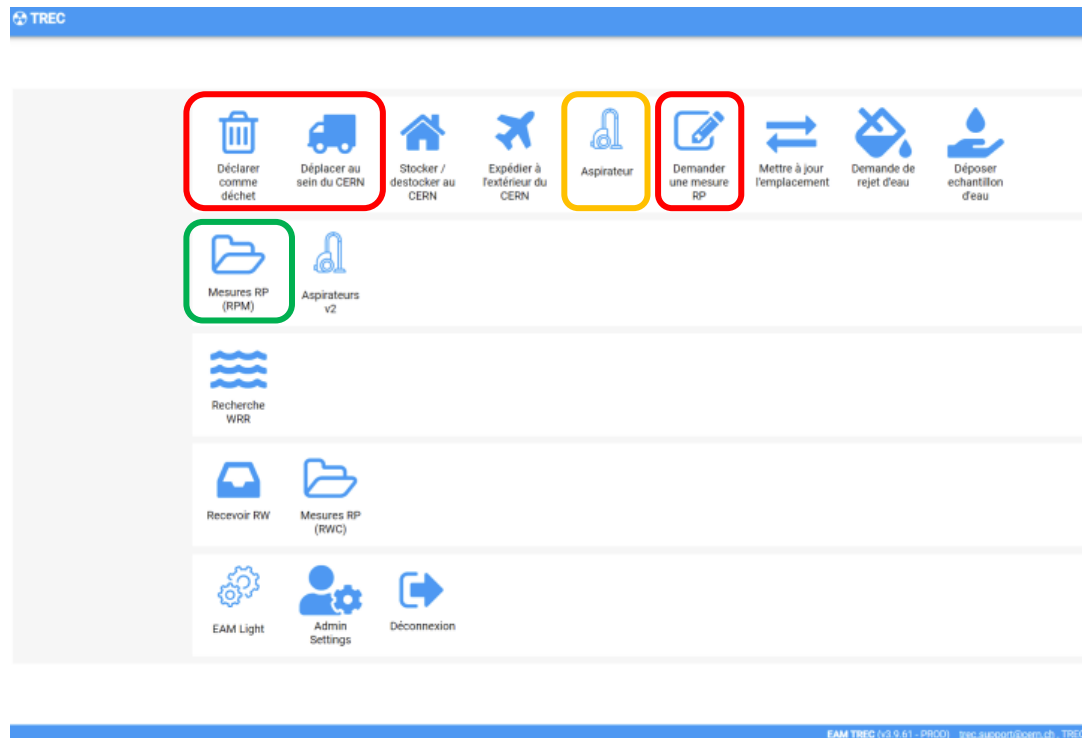


TREC use reminder

TREC should be used **every time you need to move an irradiated object**, or request RP assesment of an item coming out of the tunnel.

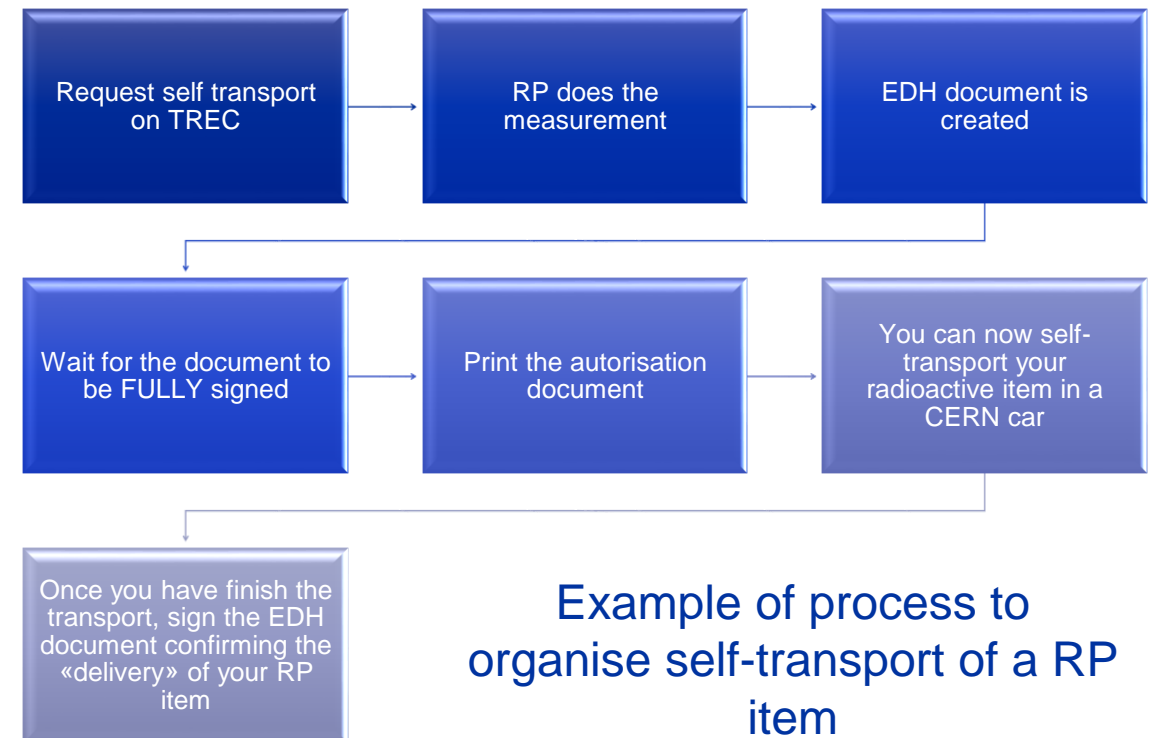
Main TREC actions:

- Request self transport or CERN transport of irradiated item



- Request RP measurement
- Declassify an item coming from the tunnel
- Declare an equipment as waste

If you are not sure how to proceed, please contact me or RP.

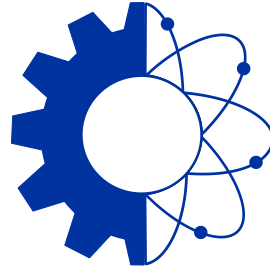


Example of process to organise self-transport of a RP item

Summary

- **Main activities/information:**
 - Laser physics from 30/10 to 19/11.
 - **All equipment should be in shutdown mode before the cooling maintenance on 18/12**
 - Potential restart of laser activities on 15/01.
 - BB4 lift exchange start on 12/02/2024

Next meeting: between 13/11 and 18/11



**ENGINEERING
DEPARTMENT**

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