

Workshop for reaching BoT and first commissioning

When: 2026-08-28 12.30-15.00

Location: The LOOP, Impact

Introduction and objectives

We are now a few months away from BoT and there is a need to perform a thorough look into the schedule, deliverables, resources, risks, key dependencies and prioritizations. The workshop aims to identify areas or weaknesses that might prevent the current BoT date or the subsequent commissioning from taking place as planned, and identify actions that we need to follow up after the workshop.

Prioritization order during the workshop

- Priority 1: Activities and deliveries leading up to the point when we have achieved our BoT definition/goals
- Priority 2: Activities and deliveries after BoT and up to the first shutdown period

We have 2.5 hours available and with many participants, so the discussions need to be short and to the point. A facilitator will lead the discussions and a moderator will keep track of time and make sure the discussions stay focused. Notes and actions will be distributed after the workshop.

Before the workshop, reflect on what role you have in view of BoT/commissioning. Are you owning a deliverable, do you support an owner, or do you coordinate/enable work to take place?

Roles during the workshop

- Main facilitator: Andreas Jansson
- Moderator: Peter Rådahl
- Secretary: Eva Persson
- People owning deliverables for BoT and commissioning (technical AND non-technical) communicate their plans and express needs from other owners or supporters/enablers to meet the schedule
- People who support owners, or enable work to take place, engage in discussions and express if there are limitations in capabilities or time.
- Directors are in the workshop to participate in the discussions or confirm any decisions if needed

BoT definition/goals

- Delivered 800 MeV Probe beam (1 Hz, 6 mA peak current, 3 ms pulse width) to the target.
- Obtained a profile of the proton beam pulses on the target (no specific method identified).
- Verified proper synchronization and alignment of the proton beam pulse with the wheel rotation.
- Detected thermal and cold neutrons on the Test Beam Line (with acceptable signal to noise ratio).

Agenda

Agenda item	Title	Facilitator	Time allocation
Introduction		Peter R	5 min
Session 1	Schedule	Andreas J	1 hour 15 min
Session 2	Risks and key dependencies	Andreas J	45 min
Session 3	Prioritizations	Peter R	15 min
Summary		Andreas J	5 min

Goals/Expected outcome from the workshop

1. **Schedule, deliveries and resources:** An action list where we need to further investigate the schedule, deliverables or resources.
 - a. *The list will be communicated and followed up/mitigated after the workshop.*
2. **Risks:** A risk-list for work leading up BoT, and the subsequent commissioning phase up to the first shutdown period
 - a. *The TPM meeting will be used for its follow-up.*
3. **Key interfaces/deliverables:** A list of specific key interfaces/deliveries that need to work in terms of who, what and when
 - a. *The TPM meeting will be used for its follow-up.*
4. A list of candidates for ESS global prioritizations
 - a. *A consolidated list will be presented to the directors after the workshop*

The aim is **not** to confirm or set the exact BoT date during the workshop, but we shall achieve a common and clear understanding on vacations around Christmas.

Guidelines

- The discussions must be open, transparent and constructive, and we can't allow ourselves to focus on details that pull us away from the workshop objectives
- All invited participants are equally important but remember that we have different roles and this should reflect the discussions
 - People owning deliverables initiate the discussions by expressing plans and needs from other owners or supporters/enablers
 - People who support owners or enable work to happen engage in the discussions and highlight if there are limitations in capabilities or time
- There should be no discussion on
 - What hasn't worked in the past between an owner-to-owner or owner-to-support/enablers, express instead what you need going forward
 - If we have too complex processes, we have very limited capabilities to fix this with the time left.
- Express direct and constructive needs on teams during session 2 – key interfaces/deliverables.

Participants

Facilitator	Andreas Jansson				
Moderator	Peter Rådahl				
Planner	Peter Gustavsson				
Secretary	Eva Persson				
Admin	EID	DG Services	OMD	PD	Science
Anders I	Vjeko B	Guillaume F	Camille G	Andrew K	Giovanna F
Mirko M	Fabien R	Ola D	ACC Ciprian P Johan N	Sandy M	NSS Rob C Sofie O Susanna D
Emelie L	Magnus T Ola N Joakim M Inigo A	Mattias S	TRGT Rikard L Fredrik G Jaime A Tobias L Nick E	Peter G	Instruments/Hot com. Mikhail F
	Karen J		ICS Henrik C Hector N Annika N Anni F		Dana McK
			Lali T Marcos M		Oliver K
			Johan W		
			Kevin J Neil F		

Deliverables and guidelines

Material to be sent to Peter R, Andreas J, Inigo A on Wednesday EOB (at the latest)

Session 1: Schedule, deliveries and resources

Deliveries prior to the workshop

A presentation including

1. Your high level plan
2. Your main schedule risk
 - Resources
 - Technical
 - Schedule estimate
 - Readiness
 - Important dependencies
3. Scope that won't go into SAR 5 but is part of BoT should be listed

Fill and send in prepared template (separate attachment)

During the workshop

10+5 min for each presentation/discussion

- Try to prepare your material so that the actions you are aware or want to highlight are easily identified already in the material

Who

- Accelerator, Ciprian
- Target, Rikard/Fredrik
- ICS, Henrik/Hector
- NSS, Rob/Sofie
- Global/overall schedule, ESH&S & FESS (technical), Andreas Jansson

Session 2, Risks and key interfaces/dependencies

Deliveries prior to the workshop

Fill and send in prepared templates (separate attachment)

- Your top 3 risks (technical, documentation, process, capacity etc.)
- Your top 3 key interfaces/deliverables from others that you need to work in order to be successful (technical, documentation, process, capacity etc.)

During the workshop

The risks and key interfaces/dependencies will be consolidated in a common document and be discussed/iterated during the workshop

Who

- Accelerator (Ciprian)
- Target (Rikard/Fredrik)
- ICS (Henrik/Hector)
- NSS (Rob/Sofie)
- FESS, buildings, SAM, manufacturing etc (Fabien Rey)
- OSH, RP, Emergency, safety etc. (Ola Dahlborg)
- QA, QC, NCRs etc. (Mattias Skafar)
- Licensing (Johan Waldeck)
- Overall readiness, (Andreas Jansson)
- Access and training (Neil Freeman)
- MCR, system permit, alarms, work control, infrastructure etc. (Lali Tchedlize)
- Project risks (Sandy Martynova)
- Technical risks (Inigo Alonso)
- Documentation, baselines and baseline reports, (Joakim Meyer)
- Maintenance readiness, (Ola Nanzell)
- Hall coordination (Dana McKenzie)
- Hot commissioning of instruments (Mikhail Feygenson)
- Design and engineering support (Karen Jonsdottir)

Session 3: No preparation needed