

Instrument Safety Readiness Review Meeting for TBL

Date: 10 October 2025

Location: ESS D03/LINXS, Lund, Sweden

Time: 08:40 – 17:00

Meeting Room: LINXS; Zoom

AGENDA

Participants:

TBL team:

Thawatchart Chulapakorn (Lead Instrument Scientist)

Christofer Svensson (Instrument Engineer)

Jason Morin (Instrument Operations Engineer)

Review Committee

Mikhail Feygenson (Chair, Head of Diffraction & Imaging Division)

Robert Connatser (Head of NSS Division)

Helen Boyer (OHS Representative)

Mattias Skafar (Quality Representative)

Günter Muhler (Shielding Coordinator)

Giuseppe Aprigliano (NSS Engineering Representative)

Per Roos (RP Representative)

Sofie Ossowski (NSS Subproject Representative)

Thomas Hansson (Radiation Safety Representative)

Instrument Partners

N/A

Observers

Lali Tchelidze (Head of Operations Division).

Ralf Trant (Zoom, external)

Peter Rådahl (Chief Engineer /Technical Office Manager).

Michael Dressel (Zoom, external)

Andreas Jansson (Facility Commissioning Coordinator)

Annika Nordt (Protection Systems Group Leader, ICS)

Other Interested Parties

Giovanna Fragneto (Science Director)

Oliver Kirsten (Technical Subproject Leader for Science)

Andrew Jackson (Head of LSS Division)

Iain Sutton (NSS Technical Coordinator)

Pascale Deen (Head of Spectroscopy Division)

Kevin Fissum (Detectors Group Leader)

Hanna Wacklin-Knecht (Head of SSD)

Nikolaos Tsapatsaris (Chopper Group Leader)

Thomas Holm Rod (Head of DMSC Division)

Thomas Gahl (MCA Group Leader)

Morteza Mansouri

Vincent Hardion (ECDC Group Leader)

Nicklas Holmberg (ICS)

Masatoshi Arai (OMD Technical Coordinator)

Demonstrations of TBL Safety Systems (D03)		
08:40 – 09:00	Introduction and charge (Mikhail Feygenson) Meet at B01 Iceberg in full PPE to transfer to TBL	(I)
09:00 – 09:30	Presentation of installed safety systems and shielding (TBL Team)	(I)
09:30 – 10:00	Operation procedures: PSS and Motion safety demonstration (TBL Team)	(I)
10:00 – 11:00	Operation procedures: Team installing detector, closes cave, remove activated detector (TBL Team)	(I)
11:00 – 11:30	Emergency response: Fire accident / High radiation exercise (TBL Team)	(I)
11:30 – 12:00	Q&A Session (Review Committee)	(I)
12:00 – 13:00	Lunch / Transfer to LINXS	
Overview & documentation status (LINXS)		
13:00 – 13:30	Instrument safety overview (including area safety and task risk assessments) (Jason Morin)	(I)
13:30 – 13:50	CIDL and interfaces / FBS (Ruji Shirakawa)	(I)
13:50 – 14:30	Status of NIT/NCR (Christofer Svensson)	(I)
14:30 – 15:00	Operations and maintenance documents status (Thawatchart Chulapakorn)	(I)
15:00 – 15:30	Coffee break	
Safety system presentations		
15:30 – 15:45	Personnel Safety System (Jessica Lastow)	(I)
15:45 – 16:00	Motion Safety System (Thomas Gahl)	(I)
16:00 – 16:15	Instrument Specific Safety (Thawatchart Chulapakorn)	(I)
16:15 – 16:25	Shielding Calculations (Thawatchart Chulapakorn)	(I)
16:25 – 16:55	Closed Session for the Review Committee	(D)
16:55 – 17:00	Initial feedback and closing of the meeting (Mikhail Feygenson)	(I)

I=Information
D=Decision