

Instrument Safety Readiness Review Meeting for TBL

Date: 10 October 2025

Location: ESS D03/LINXS, Lund, Sweden

Time: 08:40 – 16:50

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 Muhrer (Shielding Coordinator)

Giuseppe Aprigliano (NSS Engineering Representative)

Per Roos (RP Representative)

Sofie Ossowski (NSS Subproject Representative)

Kazim Raza Syed (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)

Thomas Hansson (Radiation Safety Representative)

Other Interested Parties

Giovanna Fagneto (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 (PSS)

Vincent Hardion (ECDC Group Leader)

Nicklas Holmberg (ICS)

Masatoshi Arai (OMD Technical Coordinator)

Demonstrations of TBL Safety Systems to the Review Committee		
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, including shielding (Thawatchart Chulapakorn)	(I)
09:30 – 10:00	Operation procedures: PSS and Motion Safety demonstration (Jason Morin)	(I)
10:00 – 11:30	Operation procedures: Team installing detector, closes cave, remove activated detector (TBL Team)	(I)
11:30 – 13:00	Transfer to LINXS / LUNCH for TBL Team and Review Committee	
System of Interest		
13:00 – 13:15	Short summary of TBL and General Safety overview (Jason Morin)	(I)
13:15 – 13:30	Operations and maintenance documents status (Jason Morin)	(I)
13:30 – 13:40	CIDL and interfaces / FBS (Ruji Shirakawa)	(I)
13:40 – 14:00	NIT/NCR status (Christofer Svensson)	(I)
14:00 – 14:30	Coffee break	
Hazard Identification		
14:30 – 14:45	Shielding Calculations (Thawatchart Chulapakorn)	(I)
14:45 – 15:00	Overview of Radiation Safety Assessment (Thawatchart Chulapakorn)	(I)
15:00 – 15:30	Overview of Instrument Hazard Analysis (Thawatchart Chulapakorn)	(I)
Implemented Safety Measures		
15:30 – 15:45	Personnel Safety System (Jessica Lastow)	(I)
15:45 – 16:00	Motion Safety System (Thomas Gahl)	(I)
16:00 – 16:15	REMS presentation (Ana Cintas)	(I)
16:15 – 16:45	Closed Session for the Review Committee	(D)
16:45 – 16:50	Initial feedback and closing of the meeting (Mikhail Feygenson)	(I)

I=Information
D=Decision