



Operation Board Meeting

MINUTES

Number

#09

Participants

D. Nölle (DN)
 H. Weise(HW)
 W. Decking (WD)
 R. Kammering (RK)
 H. Sinn (HS)
 Th. Tschentscher (TT)

Distribution

Email list OB

Date

20 November 2017

Time & place

13:00 – 14:30; DESY, Bldg 24, R, 242

Agenda

- 1) Minutes and action items
- 2) Last week
- 3) Next week
- 4) Improvement activities
- 5) Assessment of operational risks, adjustments of operation schedule, etc.
- 6) AoB
 - Tasks and schedule of OB for 2018

1. Minutes of last meeting and action items

Minutes 007 & 008 meetings (incl. suggested changes) approved.

2. Last Week

Addressed and initially solved issue of dose to undulators (radiation damage). Opened undulators 31+. Test measurement with Pb shield on RadFet sensor to determine spectrum to be performed (see next week).

BBA has provided significant improvement of orbit: Need to repeat more regularly (every 2 wks; establish clear procedure to enable execution in ½ shift by larger group of people).

3. Next Week

Short access to XTD2 to install Pb on RadFET.

BBA Tuesday night (SASE1 & SASE3);

Wed morning ramp up FEL; Wed afternoon x-ray beam position

User run from Thursday

4. Improvement activities

Gain curve measurements not possible now; plan for Feb 2018

5. Assessment of operational risks, adjustments of operation

South tunnels delayed. Undulator PKG installation will require rest of 2017; Magnet test in Jan 2018; Undulator techn. commissioning in Feb/Mar 2018 → first e-beam in Apr 2018

Plan Dez 06 to for meeting to discuss project wide schedule 2018.

6. AoB

Discussed Excel list with entries for 2018. WD will summarize

Follow-up

Follow up	
03.1	Strong pointing/source point jitter is observed. Monitors have to be added to accelerator

	<p>controls for quantitative analysis, correlations and hunt for remedies.</p> <p>→ improvements on ACC side performed (INJ, L1, IBFB); clearly more stable conditions; no more observations on BPMs; IBFB acts on 3 bunch and more (effect cannot easily be observed by screens)</p> <p>20. Nov: XGM in XTD2 indicated stable beam, but time constants unclear</p> <p>20. Nov: Closed.</p>
04.1	<p>Clarification of general safety organization.</p> <p>Safety organization for DESY site, XTL and accelerator tunnels T2,T4 established; safety organization for photon tunnels and OSBO and Schenefeld shaft buildings under discussion at XFEL GmbH</p> <p>→ to follow up with S. Kozielski</p>
04.2	<p>Clarify if change of priority from SASE3 lasing to SASE1 FEL characterization is appropriate and if it will be possible to reach requirements (MCP, DOOCS-Karabo interface).</p> <p>06. Nov: MCP is ready, K-MONO ready, DOOCS-Karabo specific interface to be checked next week, general interface will continue to need follow up</p> <p>20. Nov: largely done; DOOCS-Karabo interface now works for images, arrays, single floats; sending commands needs to be tested; small error with arrays</p> <p>20. Nov: Closed.</p>
06.1	<p>PP laser timing connection</p> <p>06. Nov: Meeting today at 16:00 hrs about timing pattern; synchronization link running, but requires attention.</p> <p>20. Nov: Still problems with PP laser. Testing continues.</p>
07.1	<p>Clarify if additional training should be ordered to involved groups. Since it is not clear who broke Interlock, would need to be applied to all groups in these tunnel areas.</p> <p>20. Nov: closed</p>
08.1	<p>Discuss annual OB schedule</p> <p>20. Nov: this meeting; closed.</p>