



Operation Board Meeting

MINUTES

Number

#007

Participants

D. Nölle (DN)
 R. Wichmann (RW)
 M. Scholz (MS)
 W. Decking (WD)
 T. Tschentscher (TT)

Distribution

Email list OB

Date

23 October 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

1. Minutes of last meeting and action items

The minutes from the last meeting were approved (incl adjustment of date in footer).

Follow-up

Follow up	
04.2	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). DOOCS-Karabo meeting will be in BKR today 14:30
06.1	PP laser timing connection Meeting today at 16:00 hrs about timing pattern; synchronization link running, but requires attention.

2. Last Week

Shutdown until Wed; Interlock tests on Wed successful; Interlock was set, and immediately broken by a person exiting from XTD1 to shaft building (XS1). During shutdown person from Fa. Beckhoff was found in control area. According to this person 'was taken along by another person'

Follow up	
07.1	Clarify if additional training should be ordered to involved groups. Since it is not clear who broke Interlock, would need to applied to all groups in these tunnel areas.

Beam was set up (for 100 and 500 pC) and brought to XS1. The injector was optimized for the 500 pC case.

3. Next Week

Tight program, but many different activities. Several of these shall be performed in parallel. Until Thu work in XTL (max. energy, TDS, 30b, IBFB, Collimation, long pulse setup (300 b.)). Sat starting BBA in SASE1 (and SASE3).

On weekend run ACC with loss optimization. May produce SASE, therefore set up XGMs on Friday.

Program online: <http://ttfinfo.desy.de/XFELelog/show.jsp?dir=/doc/Schedule&pos=2017-10-23T13:18:23>

4. Improvement activities

none

5. Assessment of operational risks, adjustments of operation

First evaluation of availability of ACC (sheets filled by operators): 84% for first 2 weeks, 92% for last. WD has transferred data from sheets to Excel sheet.

6. AoB

Next meeting: Oct 30 – Annual schedule for OB meeting – special topics.

Follow-up

Follow up	
03.1	Strong pointing/source point jitter is observed. Monitors have to be added to accelerator controls for quantitative analysis, correlations and hunt for remedies. → measurements after Oct shutdown
04.1	Clarification of general safety organization. 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
04.2	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). MCP is ready, K-MONO ready, DOOCS-Karabo specific interface to be checked next week, general interface will continue to need follow up
06.1	PP laser timing connection Meeting today at 16:00 hrs about timing pattern; synchronization link running, but requires attention.
07.1	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.