
Number

#17

Participants

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Distribution

Email list OB

Date

26 February 2018

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.
 - Parameters 2018/2019
 - Schedule 2019 (restart after end of year break; new scheme with blocks of facility development time)
- 6) AoB
 - Discussion on fast beam veto signals from experiments
 - Discussion on undulator dose rate task force

1. Minutes of last meeting and action items

Minutes of meetings #14, #15, #16 approved.

2. Last Week

See run coordination meeting report

<https://ttfinfo.desy.de/XFELelog/show.jsp?dir=/2018/08&pos=2018-02-26T09:37:03>

3. Next Week

See schedule in log-book

<https://ttfinfo.desy.de/XFELelog/show.jsp?dir=/doc/Schedule&pos=2018-02-23T14:51:30>

- 300 bunch/rf pulse radiation tests under lasing conditions are planned in FXE hutch on Thursday & Friday (reserve), goal would be to increase operation envelope towards 60 bunch/rf pulse at least
- SPB experiment in installation until Thursday evening
- FXE experiment more relaxed because no user experiment in the week after

4. Improvement activities

- Glas scintillators arrive soon, will be installed in April shutdown
- Led shields on RadFets to be negotiated between WP71&MDI (Wolf-Fabris, Schmidt-Föhre)

5. Assessment of operational risks, adjustments of operation

- Beam parameters have been reviewed, 14 keV was reached on 26.02.2018 and thus condition can be put as guaranteed, parameters ok as is
- 2019 operation schedule has been discussed; solution Rev 9 is preferred because of the weekly ST-days. If user hours below 4000h turn out to be a problem, accelerator could either start a week earlier with only south branch left open or FD-week 28.10. – 3.11. could be omitted.

6. AoB

- Experiments request to stop beam on demand. Ultimate solution should be 10 Hz photon beam stopper to disentangle experiments. In the meantime either an MPS/EPs signal (fast) or a timing word change (slow) can be used to stop or kick beam. One must acknowledge that this might be a misuse of the safety systems, and will lead to a coupling of SASE1/SASE3. A meeting with experiment, timing, controls and MPS experts will be called.
- Undulator task force met today (<https://indico.desy.de/indico/category/46/>)
 - Findings:
 - Dose in second half of undulator appears to be SR dominated
 - Decisions:
 - Put PANDORA in cell15 SASE3
 - Continue to monitor PANDORA in cell30 of SASE1 to ensure that neutron dose stays small
 - Cover lower row of RadFets with led shields
 - Take cell 30 out as soon as critical dose is reached and measure field
 - Continue studies on aperture asymmetry in SASE1

Follow-up

Follow up	
04.1	Clarification of general safety organization. Ask for safety organigram (→ S. Mohr, S. Kozielski)
06.1	PP laser timing connection Check final status
17.1	Follow up beam on demand for experiments