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| Date 26 January 2018 Time 10:45 – 11:30 Ort DESY Agenda  * Presentation * Discussion | Participants W. Decking  T. Limberg  S. Liu  D. Noelle  J. Pflüger (per video)  H. Sinn  T. Wohlenberg  F. Wolff-Fabris (video) | Distribution <https://indico.desy.de/indico/event/19898/> |

1. Presentation: Dirk Nölle: XFEL Operation -- Radiation Task Force

Summary of discussion:

from Dirks presentation:

- no neutron in cell 30, but in beginning of undulator

- no change of neutron count during ZZ at end of undulator.

- 3-16 in park: no significant level found

- at cell 30 no indication of particle losses (almost certain that this from

synchrotron radiation)

from Winnis recent trajectory study:

+- 4mm probing of beam trajectories in SASE 1 undulator section

Conclusion SASE1: orbit is probably in horizontal not centered, but vertically OK

Idea1: Go to non-BBA orbit and this again, Idea2: change BBA orbit

Proposed future actions:

- observe rad levels during 300 pulses bunches

- analyse gain curve for long range bending of

- Lower row of Radfets with 5mm lead shielding

- take undulator cell 30 - 32 out as soon as critical radiation level is reached

and measure damage.

- change BBA orbit as soon as we know is better and have time

-put Pandora in cell 15 of SASE3