

Accelerator Status

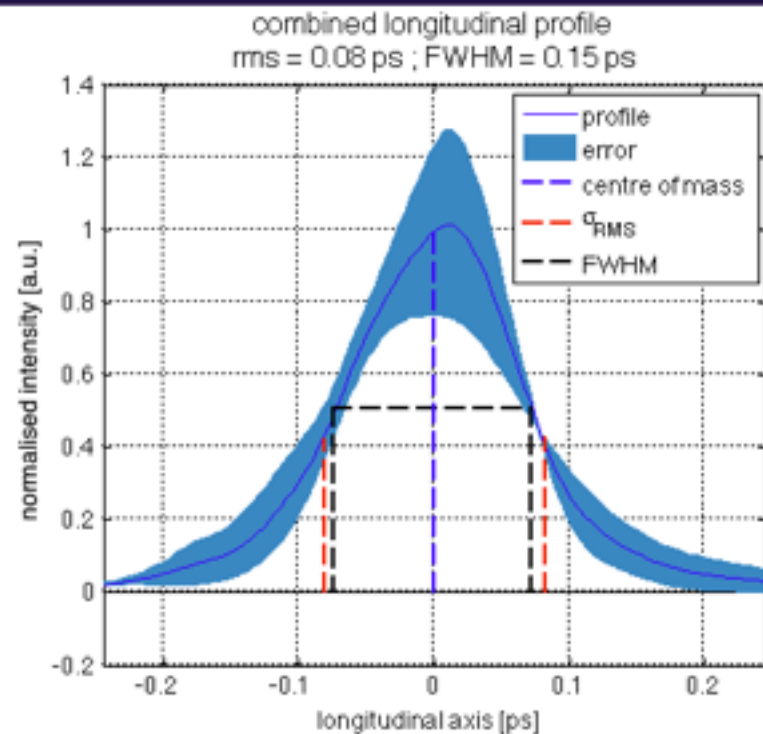
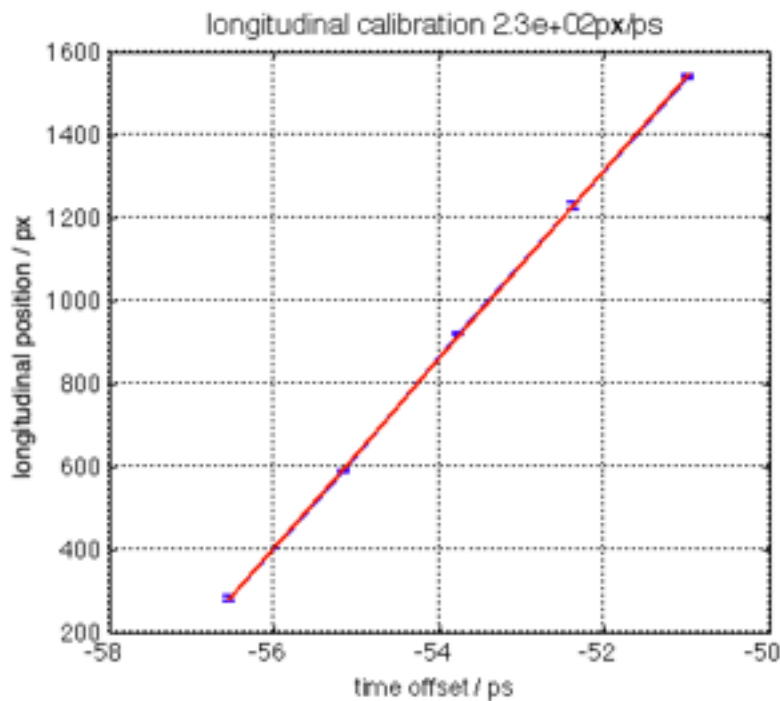
Status Accelerator: Achievements

2

- 12 GeV, compressed Beam, 30 bunches transported to TLD dump

Status: Collimation set-up; Magnet PS test XTD2-XTD4

News: 12 GeV, compressed Beam, 30 bunches transported to TLD dump



Shortest Beam at 80 fs

Accelerator Status Cont'd



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- Interlock test last week on 12/13 Apr was ok
 - Now waiting for letter of approval
- Currently restarting LINAC
- Magnet current tests are ongoing in XTD2/4
 - Interrupt for Interlock test of CS8 in XTL on Monday morning
- Regular maintenance day on 25 Apr cancelled
- Access (controlled) likely on 27 Apr
 - DESY needs to re-program the fire protection system to avoid triggering trigger fire alarms with Beam losses


This morning

4

News: 12 GeV, compressed beam, 30 bunches

XFEL e-Logbook





Friday 21. April 2017 Morning


 **shift summary**

Operators

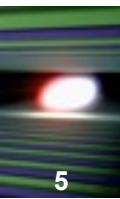
- * Tischhauser, Dimitri
- * Faatz, Bart
- * Priebe, Gunnar
- * Holz, Maximilian
- * Moeller, Jens

Status * 0.5nC 6.4GeV to TLD

 **21.04.2017 07:46** **beutner** **orbit steerer turned off at about 5h44**
we could not restart the magnet on the magnet ML or the MKK tool

Facility: XFEL



- We had a very effective effort over the last 3 weeks to get the SASE1 tunnels ready
 - Daily meeting took place at 09:30
- In summary all components needed for day one are ready and remotely operated in XTD2.
- In XTD9 there is more work to be done but the remaining time appears sufficient.
- In parallel, commissioning work restarted on the SASE1 instruments which are in the focus now.

Work coordinated through ELOG

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Group Selection Page: SASE1 Readiness

SASE1 Readiness

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Message ID: 153 Entry time: Thu Apr 20 10:25:59 2017

Author: Tobias Haas

Location: General

Severity: Information

Subject: Status and Plans after 09:30 meeting

Tunnels XTD2 and XTD4 are closed, XTD9/10 remain open

Vacuum:

- PLC/Karabo Running stably
- Local tests of ion pumps in XTD9 being done by J. Eidam
- Work continues on M3 in XTD9 and on the vacuum in XTD10
- DPS in XTD9 should be integrated into the vacuum loop. This requires a cycling of the loop. Timing should be coordinated with WP74 be from WP74 attended the meeting. Hence it was decided to perform the work tomorrow morning.

EPS Loop:

- Checks for the signal from the undulators and for the fast valve will be done with DESY MPS today

PBLM/Motion Loop:

- Work on the PBLM motors (ELMO controller) continues.
- Yesterday it was possible to align the screens
- There is a resource problem when trying to read out the cameras. For this reason an additional server needs to be set up dedicated to

SPB Tunnel components

- Crate that was checked in the lab yesterday was moved back into the tunnel
- The unstable support of the imager was fixed
- B. Weinhausen and M. Messerschmidt are testing
- All modules necessary for loops 1 & 2 were received from Poland
- Waiting for the "Freigabe" of the cables for SPB Optics

FXE

- Loops 1,2 and 4 are waiting for input from EETF
- Loops 3&5 are running
- No visible testing activity from FXE team

Karabo:

- Cleanup continues

Next Week's Plans

Message ID: 154 Entry time: Thu Apr 20 17:18:09 2017

Author:	Tobias Haas
Location:	General
Severity:	Information
Subject:	Maintenance/Access in KW17

In KW17 there will be NO maintenance day on Tuesday (25.04.)

On Monday (24.04.) morning up to about 11:00 we will have the TÜV approval of CS8. During that time NO access of "other people" to the XTL tunnel is possible. After the TÜV approval up to 13:00 there will be the possibility for URGENT access to the XTL. Access requests have to be written to the logbook/access requests entry.

The tunnel XTL/XTIN will stay in interlock, access will be possible by ZZ only.

The northern branch XTD2->XS3->XTD4->XDU2 will stay closed, in order not to interrupt the magnet commissioning.

This elogbook entry was sent to following experts:
xfel-opl@desy.de RC mailing list

[Impressum](#)