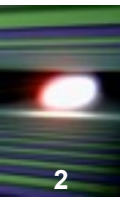


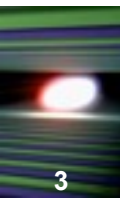
Introduction

Tobias Haas
Technical Meeting
25 Nov 2016



- Vacuum Controls XTD2 Demo
- Status

Status tunnels: General



3

- Cool down of accelerator should start on Monday
 - might move a few days...
- Today a re-examination of XTL for radiation safety with the authorities takes place
 - Holes in for SLRS and some cables in XTD2 needed closing
- MKK set the air volume of the AC to the nominal values (30000 m³/h)
 - Strong wind in the tunnel!
 - Problem for some of the clean room tents

Status tunnels: Civil Construction



- The fire protection door between XTL and XS1 is installed but opening direction needs to be changed
- A hole for cable trays in the radiation ceiling in XTD20 needs to be closed
 - superfluous cable trays will be de-installed
 - Sheet metal will be put underneath
 - The filled with sand
- Grouting in the southern tunnels for 30 magnet supports, 50 vacuum pump support and 160 vacuum pipe supports need to be made

Status tunnels: TGA



- Electricity and water installations continue in the southern tunnels
- Magnet cable installation in XS4, XTD3/5 stopped since company is working on the DESY campus
- Cooling water installations in XSDU2 almost done
- Provisional power cable in XTD1 removed
 - needed for undulator vacuum installation
- IT installation for the construction period in XS3 will be removed

Status tunnels: Machine Installation General



- Last missing vacuum pipes in XS3 and XTD4 are being worked on
- Realignment of SASE1 undulator section started this week and continues for 3 weeks
- SLRS Camera installed in SASE3
 - Measurement will take ca 3 weeks
- Technical commissioning is proceeding but rather slowly

Status tunnels: Machine Installations



- XS1:
 - Machine installation is finished
 - Cooling water for dumps is running
- XTD2:
 - Last missing electron vacuum being installed
 - Spetec installed 2 clean room tents for the mirror chambers
- XTD9
 - Spetec installed on clean room tent for the mirror chamber
- XTD4
 - Missing vacuum in T4D beam line will be installed in December

Status tunnels: Machine Installations

- XTD10
 - Spectec installed 4 clean room tents on mirror chambers and on monochromator
 - FMB will work on the monochromator next week
 - air flow in the tunnel will be reduced
- XTD1
 - Support for XGM is installed
 - Racks from Rittal will arrive in February
- XTD6
 - More cleanroom tents will be installed
 - First photon beam pipes delivered
 - welding happens next year

Status tunnels: Machine Installations

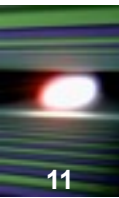


- XTD6 cont'd
 - Quality of holes drilled by new external company is bad
 - Holes have to be filled and redressed



- Kickoff for SASE3 IT Cabling was yesterday
 - Work on the execution planning was not done
 - Documentation for Vater will be delayed by 3 weeks
- Actemium yesterday announced that they stopped confectioning cables for SPB because of contradictory documentation from us
- A meeting took place with PI, Caverion and PSPO
 - No schedule was delivered yet
 - Weekly meetings have been agreed on from now on
- Laser in SASE1 is being operated
 - **NO ENTRY** for anybody not explicitly authorised

Next Meetings



- Vacuum Controls Commissioning Task Force and Tunnel Coordination
 - Today 09:30 after TechMeet in XTOB
- Next XHEXP1 hall coordination meeting
 - Friday, 2 Dec 8:30