



# Introduction

Tobias Haas  
Technical Meeting  
19 Aug 2016

# Status SASE1

- AC
  - Filtered air is running in Laser Hutches
  - Turn-on of the temperature regulation is waiting for the sewage pump
    - ➔ Condensate needs to be pumped away
  - Foreseen date is next week
- Electricity
  - Preliminary hand-over yesterday
  - Systems can be operated by the users
- Media
  - Quality problems with the MKK air
  - Formal complaint by Dräger
  - Gases can be operated when requested

# SASE1 Cabling

## ■ Phase1

- Copper cables for networks have been pulled
- Issues with the quality
- Complaint by Vater about “Brandschottung”
  - ➔ Additional work required on the cutouts
  - ➔ “Brandschottung” taken out of the Vater contract
- Racks arrive on 6 Sep

## ■ Phase2

- Differently from what we were told, cables had not been ordered yet
  - ➔ Confusion over how much to order
- Still working on optimising the time schedule

# SASE1 Top Open Issues

- XHEXP1 Sewage pump
- MKK compressed air
- “Brandschottung” of cutouts in the rack rooms

# SASE1: Network Cables in SPB Hutch



# SASE1: Network Cables in FXE Hutch



# SASE1: SPB Hutch, Chicanes Finally Labelled



## SASE3 Status

- Civil construction
  - LIEN is continuing on the instrument hutches
    - ➔ still waiting for doors
  - Drywall construction by Lux almost finished
  - LIEN finished supports for infrastructure
- AC
  - Time schedule from Caverion is very, very late
    - ➔ Finish installations in April, Commissioning until June
    - ➔ Still working on this schedule
- Electrical
  - Almost all cable trays are installed
  - Installation of electrical components needs to be adjusted to Caverion schedule

# SASE3 Status

- Media
  - Dräger started ahead of schedule
- No activities on Sanitary and Fire Safety yet
- Overall Schedule
  - PI will reoptimise entire TGA schedule
    - ➔ Delivery next week
  - Given to the instruments for comments
  - Update to milestones first week of September
  - Instruments should then update their installation schedules
    - ➔ Presentation foreseen on 16 Sep

# SASE3 Status

- Electronics and Cabling
  - Comments to Phase1 Tender documents collected this week
    - ➔ PI will deliver updates next week
    - ➔ Publication of tender in week 36 (5 – 9 Sep)
    - ➔ Works will not start before the end of the year
  - Electronics Production
    - ➔ Production is slow
      - including recent improvements delivery will extend to Oct. 2017
  - Phase 2
    - ➔ Eplanners are still busy with SASE1

# SASE3 Top Open Issues

- Caverion Time Schedule
  - Big delays in completion of TGA
- Phase1 Cabling is not tendered yet
- Eplanning both for modules as well as for cable routing has not started
- Laser Interlocks

# SASE3: Cable Trays and Support Structures



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# SASE3: Cable Trays in SCS Hutch



# SASE3: Cable Trays and Infrastructure Support



# SASE2 Status

## ■ Civil Construction

- After MID Hutch, Pontax started with MID Optics
- LIEN started with TGA Support structure
  - ➔ Completed the new Crane Support
- Tender for Painting came in
  - ➔ Contract to be signed

## ■ TGA

- All Tenders are done and contracts signed
  - ➔ Kickoff meetings starting next week

## SASE2 Top Open Issues

- Phase1 Cabling draft planning waiting for comments from our side for two months
- Laser Interlocks

# SASE2: Pontax started with MID Optics Hutch



# SASE2: New Crane Support



# SASE2: HED Optics Hutch



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## Infrastructure E0

- I circulated a lab list with names of responsible
- Currently setting up meetings with groups for weeks 35 – 37

## Next Meetings

- Next Photon Tunnel Coordination Meeting
  - Today after TechMeet in XTOB
- Next XHEXP1 hall coordination meeting
  - Friday, 26 Augst 8:30 XHQ/E1.173