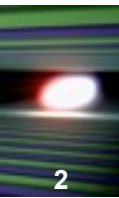


Introduction

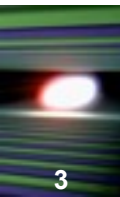
Tobias Haas

14 July 2017



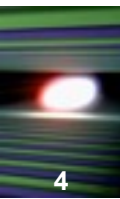
- Surveying by MEA2
- Update of SASE2 electronics, cabling and commissioning schedule
- Overall XFEL operation coordination

Surveying services by MEA2



- Large fraction of surveying by MEA2 is covered by an in-kind agreement
 - All work on the accelerator
 - All work on the photon beam lines in the XTDs *that is part of the photon beam transport*
 - All surveying of XHEXP1 that is related to civil construction
 - Establishing the basic grid
 - Staking out the hutches
 - Staking out the basic beam lines
- Work directly related to the surveying of the instruments and their components also in the tunnels is **NOT** covered by IKC

Surveying services by DESY/MEA2



- Services specified in Annex (7a) to the host agreement
 - Survey of instrument components in the experiment hall and the tunnels
 - We pay one surveying team (3 people) this year (until 31 Dec)
 - There is a standard procedure established
 - ➔ Instruments should please go through PSPO for these services
 - Now Dennis Ropers (was N. Saaristo)
 - Checking of coordinates should also involve the Optics Group

Remaining work in SASE2/3



- Installation (and hence alignment) will not be finished in SASE2/3 by December
- We need to negotiate with DESY soon to make sure that services are available also in 2018
 - How this can be covered needs to be discussed with DESY since the current contract ends in Dec 2017
- The contractual details will need to be formalised within a “Services Contract”
- A. Bonucci is starting to set these up

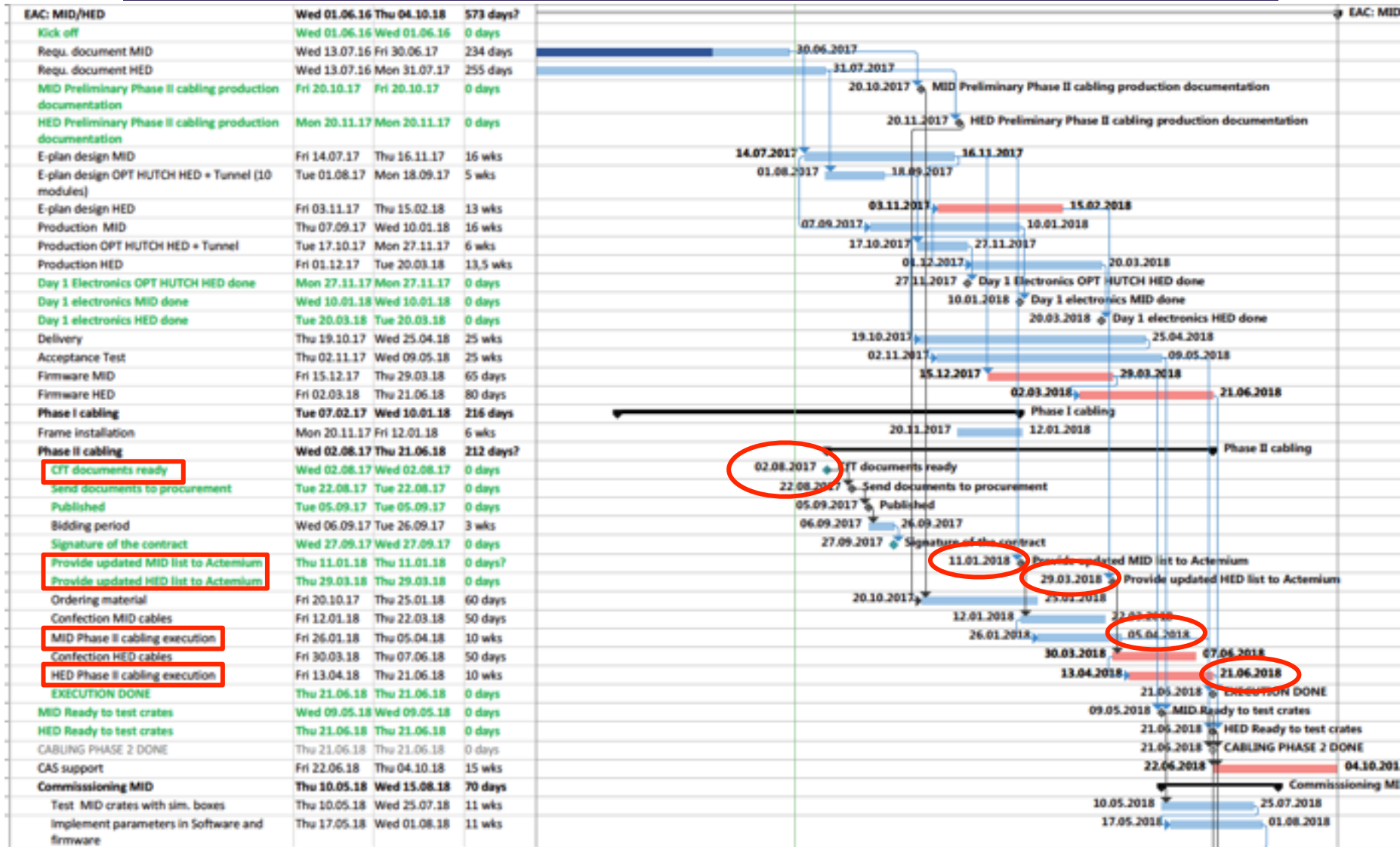
SASE2 Electronics and Cabling

6

- Result of a discussion last Wednesday with A. Madsen, U. Zastra, T. Tschentscher and T. Haas:
 - Split Electronics and Cable planning along rack rooms, i. e.
 - ➔ Step 1: MID + HED Optics + Tunnel Comps
 - ➔ Step 2: HED Instrument
 - responsibilities for the instrument tunnel components needed clarification
 - ➔ This was done in the the Cabling Meeting by Adriano yesterday.
 - Electronics and cables for tunnel components will go through the established design and construction workflow by EETF/AE/PSPO
- The Rack Review for SASE2 tunnel will be organised by U. Brüggmann

SASE2 electronics, cabling and commissioning schedule

7



SASE2 electronics, cabling and commissioning schedule: Key Dates



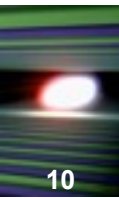
Activity	Start	End
Eplans MID	14 Jul	16 Nov
Eplans HED Optics + Tunnel	1 Aug	18 Sep
Handover Cable List Step 1	11 Jan	
Cabling Step 1	26 Jan	5 Apr
Eplans HED Instrument	3 Nov	15 Feb
Handover Cable List Step 2	29 Mar	
Cabling Step 2	13 Apr	21 Jun

Overall XFEL Coordination

Date	Abbreviated XFEL Operation Schedule / General activities	Specific activities in SPB/SFX	Specific activities in FXE
3.7. -	Maintenance		
10.7. -	Acc. Studies		
16.7. - 24.7.	Photon Comm. / Exp. Comm.	Night shift	Day shift
25.7. -	Exp. Comm.	Day shift	Night shift
1.8. -	Acc. Studies / Photon Comm.	Night shift	Day shift
8.8. -	Photon Comm. / Exp. Comm.	Day shift	Night shift
14.8. -	Maintenance		
21.8. -	Acc. Studies /		
25.8. -	Photon Comm.	Day shift	Night shift
29.8. -	Photon Comm. / Exp. Comm.		Day shift
5.9. -	Photon Comm. / Exp. Comm.	Day shift	Night shift
12.9. -	User Operation	Night shift	Day shift
19.9. -	User Operation	Day shift	Night shift
26.9. -	User Operation	Night shift	Day shift
3.10. - 15.10.	Maintenance		
16.10 - 8.11.	Acc. Studies		
9.11. -	User Operation	Day shift	Night shift
14.11. -	User Operation	Night shift	Day shift
21.11. -	User Operation	Day shift	Night shift
28.11. -	User Operation	Night shift	Day shift
4.12. - 31.12.	Maintenance / Shutdown		

https://docs.xfel.eu/share/page/site/PSC/wiki-page?title=SASE1_Schedule

Next Meetings



- 09:00: SASE1/3 Readiness
- Mo/Wed 09:30: SASE1 Readiness Dispatch
- Fr 21 July: XHEXP1 Coordination