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| **Name of Meeting**: XFEL Commissioning Working Group |   | **Date:** | 21.10.2011 |
|  |  |  | **Location:** |  |
|  |  |  |  |  |
| **Meeting Chair:** | **Participants** | **Distribution List:** |
| W. Decking | Pflüger, Grünert, Sinn, Treusch, Tschentscher, Limberg, Yurkov, Schlarb, Shneydmiller, Decking | Pflüger, Grünert, Sinn, Treusch, Tschentscher, Limberg, Yurkov, Schlarb, Shneydmiller, Decking, Schreiber |
| **Minutes taken by:** |
| W. Decking |
| **Review by:** |
|  |
| **Status:** draft released |
|  |  |  |
| Topic: | 2nd Meeting of working group on XFEL commissioning |
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| Agenda: |  |
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| No | Action Item | Due | Responsible | Ref. |
| 1 | Consolidate given schedules for individual sub-systems |  | Decking |  |
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| **No** |  | **Keyword** | **Description** | **Responsible** | **Date** | **Status** |
| --- | --- | --- | --- | --- | --- | --- |
| 1 |  | Undulator sequence | Further arguments for commissioning start with SASE1 and continue with SASE3:* If no SASE is reached in SASE1, SASE3 could be put into operation with much looser tolerances to diagnose e-beam parameters
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| 2 |  | Beam parameters | Beam current should be 1 nC for spontaneous radiation measurements |  |  |  |
| 3 |  | CommissioningSteps | Commissioning steps presented to get from beam through linac (M1) to ready for SASE (M3) |  |  |  |
| 4 |  | Photon diagnostics commissioning | Detailed plan of photon diagnostics commissioning was presented, set of minimum required steps defined |  |  |  |
| 5 |  | Beam line commissioning | Beam line commissioning estimated to take 15 shifts |  |  |  |
| 6 |  | Facility ready milestone | Additional milestone introduced to represent the facility ready milestone as laid out in the convention. This milestone should be approached with highest priority |  |  |  |
| 7 |  | Machine Protection System | Ample time should be foreseen to commission the MPS, as experience from FLASH has shownPhoton Systems should develop MPS conditions for their systems |  |  |  |
| 8 |  | Next Steps | Consolidate machine, photon diagnostics and beam line commissioning steps |  |  |  |
| 9 |  | Next Meeting | Friday, December 2nd, 16:00 |  |  |  |
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