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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 |  |  |  |
| 2 |  | Beam parameters | Beam current should be 1 nC for spontaneous radiation measurements |  |  |  |
| 3 |  | Commissioning  Steps | 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 shown  Photon 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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