

PTT

From LLRFWiki

(Difference between revisions)

Revision as of 14:16, 27 August 2012 (edit)
127.0.1.1 (Talk)
← Previous diff

Line 1:

- /* plans/PTT-2012-08-27.csv read, 986 lines */
0 (*). Mon 22.08.11 1356 dys? (laeufb)
1 Incoming Mon 22.08.11 1269 dys?

Line 111:

1.8.13 (x) first Undulator for SASE3 RFI Mon 30.03.15
1.8.14 (x) last Undulator for SASE3 RFI Mon 27.04.15
- 1.9 (+) Cryo System Mon 17.06.13 165 dys
1.9.1 (x) Injector Feed Cap RFI Fri 15.11.13
1.9.2 (x) Injector Transfer Line RFI Fri 27.12.13

Line 124:

1.9.11 (x) String-Connection-Box 1 rfi Mon 02.12.13
1.9.12 (x) Endcap 3 rfi Mon 30.12.13
- 1.9.13 (fx) Cryo-Bypass BC2 rfi Mon 02.12.13
- 1.9.14 (fx) Cryo Bypass BC1 rfi Mon 03.02.14
1.10 (x) Laser Heater RFI Thu 02.01.14
1.11 (x) Personnel Interlock RFI Mon 13.08.12

Line 132:

1.14 Warm Beamline components Mon 07.01.13 410 dys
1.14.1 (x) Dogleg Girders rfi Mon 27.01.14
- 1.14.2 (x) BC1 Girders rfi Wed 01.01.14
- 1.14.3 (x) BC2 Girders rfi Mon 03.02.14
1.14.4 (x) Magnet charge 1 rfi (14xBB) Mon 04.02.13
1.14.5 (x) Magnet charge 2 rfi (60xQL, 44xGL, 33xCC, 16xSC, 20xBL, 34xQD, 1xQE, 5xCF, 4xQF, 2xBG) Mon 03.06.13

Current revision (11:56, 7 September 2012) (edit) (undo)
127.0.1.1 (Talk)

Line 1:

+ /* plans/PTT-2012-09-07.csv read, 987 lines */
0 (*). Mon 22.08.11 1356 dys? (laeufb)
1 Incoming Mon 22.08.11 1269 dys?

Line 111:

1.8.13 (x) first Undulator for SASE3 RFI Mon 30.03.15
1.8.14 (x) last Undulator for SASE3 RFI Mon 27.04.15
+ 1.9 Cryo System Mon 17.06.13 165 dys
1.9.1 (x) Injector Feed Cap RFI Fri 15.11.13
1.9.2 (x) Injector Transfer Line RFI Fri 27.12.13

Line 124:

1.9.11 (x) String-Connection-Box 1 rfi Mon 02.12.13
1.9.12 (x) Endcap 3 rfi Mon 30.12.13
+ 1.9.13 (x) Cryo-Bypass BC2 rfi Mon 02.12.13
+ 1.9.14 (x) Cryo Bypass BC1 rfi Mon 03.02.14
1.10 (x) Laser Heater RFI Thu 02.01.14
1.11 (x) Personnel Interlock RFI Mon 13.08.12

Line 132:

1.14 Warm Beamline components Mon 07.01.13 410 dys
1.14.1 (x) Dogleg Girders rfi Mon 27.01.14
+ 1.14.2 (x) BC1 Girders rfi Mon 10.02.14
+ 1.14.3 (x) BC2 Girders rfi Fri 17.01.14
1.14.4 (x) Magnet charge 1 rfi (14xBB) Mon 04.02.13
1.14.5 (x) Magnet charge 2 rfi (60xQL, 44xGL, 33xCC, 16xSC, 20xBL, 34xQD, 1xQE, 5xCF, 4xQF, 2xBG) Mon 03.06.13

Line 279:

- 2.3.3 ACC39 commissioning Fri 16.05.14 2 wks
- 2.3.4 (!) Injector commissioning with beam to Inj Dump Wed 14.01.15 8 wks
- 3. Main Linac Section Mon 30.01.12 **11.5** dys? (laeft)
- 3.1. Infrastructure installation Mon 30.01.12 510 dys? (laeft)
- 3.1.1. XTL Mon 30.01.12 493,67 dys? (laeft)

Line 300:

- 3.1.1.2.6 (+)e Tests mit Bodenplattenunterlagen Tue 27.03.12 3 wks (erledigt)
- 3.1.1.2.7 (*)e Tests zum Bodenplattenfixieren Wed 16.05.12 10 dys (erledigt)
- 3.1.1.3. survey&alignment Thu 08.03.12 **13.9** dys (laeft)
- 3.1.1.3.1 (*)e install Vermessungsnester Thu 08.03.12 5 dys (erledigt)
- 3.1.1.3.2 (*)e Meterzahlen an Tübbingen anbringen Mon 19.03.12 3 dys (erledigt)

Line 307:

- 3.1.1.3.5 (*)e Vermessung Netz-Aufmass Mon 12.03.12 40 dys (erledigt)
- 3.1.1.3.6 (*)e Laser-Scan (MEA) Mon 02.04.12 30 dys (erledigt)
- 3.1.1.3.7 Vermessung 2. Durchlauf+Amrisse Deckenrahmen **Wed 22.08.12 4** wks

- 3.1.1.4. Bodenplatten-Rangerungen Mon 11.06.12 347,67 dys (laeft)
- 3.1.1.4.1 (*)e Bodenplatten rechts von hinten oeffnen (MEA) Mon 11.06.12 55 dys (erledigt)
- 3.1.1.4.2 (*)e Mittendurchbrüche in Sohlgewölbe herstellen (BAU) Mon 02.07.12 14 dys (erledigt)
- 3.1.1.4.3 (!) Bodenplatten links nach rechts von hinten umrangeren Fri 07.12.12 7 wks
- 3.1.1.4.4 (!) Fussbodenplatten links von vorne wiedereinbringen Fri 19.07.13 58 dys
- 3.1.1.4.5 Fussbodenplatten rechts fixieren Fri 25.01.13 3 wks
- 3.1.1.4.6 (!) LWL-Kanal-Stieg aufmauern **Mon 03.09.12 1** wk
- 3.1.1.4.7 (!) Abdecksteine-/bleche für LWL Kanal installieren **Mon 03.09.12 1** wk
- 3.1.1.4.8 Durchgriffe durch Bodenplatten/Spezialplatten Fri 19.07.13 50 dys
- 3.1.1.5 Deckenrahmen + Konsolen Fri 05.10.12 220,67 dys
- 3.1.1.5.1 Deckenkonsolen L3 1000 bis 1700m von vorne beginnend installieren Fri 05.10.12 48 dys

Line 279:

- 2.3.3 ACC39 commissioning Fri 16.05.14 2 wks
- 2.3.4 (!) Injector commissioning with beam to Inj Dump Wed 14.01.15 8 wks
- + 3. Main Linac Section Mon 30.01.12 **10.82** dys? (laeft)
- 3.1. Infrastructure installation Mon 30.01.12 510 dys? (laeft)
- 3.1.1. XTL Mon 30.01.12 493,67 dys? (laeft)

Line 300:

- 3.1.1.2.6 (+)e Tests mit Bodenplattenunterlagen Tue 27.03.12 3 wks (erledigt)
- 3.1.1.2.7 (*)e Tests zum Bodenplattenfixieren Wed 16.05.12 10 dys (erledigt)
- + 3.1.1.3. survey&alignment Thu 08.03.12 **41.4,67** dys (laeft)
- 3.1.1.3.1 (*)e install Vermessungsnester Thu 08.03.12 5 dys (erledigt)
- 3.1.1.3.2 (*)e Meterzahlen an Tübbingen anbringen Mon 19.03.12 3 dys (erledigt)

Line 307:

- 3.1.1.3.5 (*)e Vermessung Netz-Aufmass Mon 12.03.12 40 dys (erledigt)
- 3.1.1.3.6 (*)e Laser-Scan (MEA) Mon 02.04.12 30 dys (erledigt)
- 3.1.1.3.7 Vermessung 2. Durchlauf+Amrisse Deckenrahmen **1000m-2000m Tue 02.10.12 2** wks

- + 3.1.1.3.8 Vermessung 2. Durchlauf+0-1000m **Wed 25.09.13 2** wks
- 3.1.1.4. Bodenplatten-Rangerungen Mon 11.06.12 347,67 dys (laeft)
- 3.1.1.4.1 (*)e Bodenplatten rechts von hinten oeffnen (MEA) Mon 11.06.12 55 dys (erledigt)
- 3.1.1.4.2 (*)e Mittendurchbrüche in Sohlgewölbe herstellen (BAU) Mon 02.07.12 14 dys (erledigt)
- + 3.1.1.4.3 **Boden im hinteren Bereich >1000m temporaer schliessen Tue 02.10.12 3** wks
- + 3.1.1.4.4 (!) Bodenplatten links nach rechts von hinten umrangeren Fri 07.12.12 7 wks
- + 3.1.1.4.5 (!) Fussbodenplatten links von vorne wiedereinbringen Fri 19.07.13 58 dys
- + 3.1.1.4.6 Fussbodenplatten rechts fixieren Fri 25.01.13 3 wks
- + 3.1.1.4.7 (!) LWL-Kanal-Stieg aufmauern **Fri 07.09.12 1** wk
- + 3.1.1.4.8 (!) Abdecksteine-/bleche für LWL Kanal installieren **Fri 07.09.12 1** wk
- + 3.1.1.4.9 Durchgriffe durch Bodenplatten/Spezialplatten Fri 19.07.13 50 dys
- 3.1.1.5 Deckenrahmen + Konsolen Fri 05.10.12 220,67 dys
- 3.1.1.5.1 Deckenkonsolen L3 1000 bis 1700m von vorne beginnend installieren Fri 05.10.12 48 dys

Line 328:

3.1.1.6. Rauchmelde- und Sicherheitsanlagen T ue 29.05.12 308,67 dys? (laeuft)
3.1.1.6.1 Rauchmeldung installieren Mon 17.06.13 10 dys
- 3.1.1.6.2 Kabelverlegung Funktionserhalt Mon 10.09.12 5 dys
3.1.1.6.3 Kabelverlegung Funktionserhalt, Interlock Fri 19.07.13 2 wks
3.1.1.6.4 Lautsprecheranlagen et al. installieren (MPS) Fri 01.03.13 3 wks
3.1.1.6.5 (*)e Rauchansaug-Verrohrung montieren T ue 29.05.12 30 dys (erledigt)
- 3.1.1.6.6 Montage+Verkabelung Sirenen Mon 17.09.12 21 dys
3.1.1.6.7 Test der Rauchmeldeanlage Mon 01.07.13 20 dys
- 3.1.1.6.8 Löschanlagen installieren Wed 22.08.12 10 dys?
3.1.1.6.9 Rettungssystem 90-1000m Mon 15.10.12 10 dys
- 3.1.1.6.10 Rettungssystem 1000-2100m Wed 03.10.12 10 dys
3.1.1.7. Rohrleitungen fuer Kuehlwasser+Druckluft Mon 02.07.12 270,67 dys? (laeuft)
- 3.1.1.7.1 Wasserrohrhalterungen (rechts,wand) installieren Mon 27.08.12 8 wks
- 3.1.1.7.2 (!). Installation DN300 Wasserrohr 30° Vorlauf von hinten Mon 02.07.12 11 wks (laeuft)
3.1.1.7.3 Installation grosses DN300 Wasserrohr rechts an Wand T ue 20.11.12 10 wks
3.1.1.7.4 Kaltwasserleitung Unterverteiler 20 Grad von hinten T ue 20.11.12 90 dys

Line 351:

3.1.1.8.1 Cryo-Abgasleitung DN200 500-200m Fri 02.08.13 10 dys
3.1.1.8.2 Cryo DN200 (Abgasleitung) 500m - 1500m T hu 01.08.13 20 wks
- 3.1.1.9 (!) Kabel Pritschen Mon 13.08.12 214 67 dys?
- 3.1.1.9.1 Kabelpritschen links oben (2, Funktionserhalt) Mon 13.08.12 20 dys
3.1.1.9.2 Obere Kabelpritschen (#12-17) installieren Fri 07.12.12 60 dys
3.1.1.9.3 cable trays XSE shaft Fri 07.12.12 40 dys?

Line 374:

3.1.1.10.2 (*)e Telefone installieren T hu 08.03.12 5 dys (erledigt)
3.1.1.10.3 (*)e Schlitzantenne installieren (Moe) Mon 25.06.12 8 dys (erledigt)
- 3.1.1.10.4 . Tunnelfunk in Betriebenmen Mon 06.08.12 4 wks (laeuft)
- 3.1.1.10.5 Trackingsystem f. Personenzugangskontrolle installieren Mon 27.08.12 3 wks
3.1.1.10.6 GSM + UMTS Inbetriebnehmen Mon 04.11.13 1 wk

Line 330:

3.1.1.6. Rauchmelde- und Sicherheitsanlagen T ue 29.05.12 308,67 dys? (laeuft)
3.1.1.6.1 Rauchmeldung installieren Mon 17.06.13 10 dys
+ 3.1.1.6.2 Kabelverlegung Funktionserhalt Fri 05.10.12 5 dys
3.1.1.6.3 Kabelverlegung Funktionserhalt, Interlock Fri 19.07.13 2 wks
3.1.1.6.4 Lautsprecheranlagen et al. installieren (MPS) Fri 01.03.13 3 wks
3.1.1.6.5 (*)e Rauchansaug-Verrohrung montieren T ue 29.05.12 30 dys (erledigt)
+ 3.1.1.6.6 Montage+Verkabelung Sirenen Fri 12.10.12 21 dys
3.1.1.6.7 Test der Rauchmeldeanlage Mon 01.07.13 20 dys
+ 3.1.1.6.8 Löschanlagen installieren Fri 02.11.12 10 dys?
3.1.1.6.9 Rettungssystem 90-1000m Mon 15.10.12 10 dys
+ 3.1.1.6.10 Rettungssystem 1000-2100m Fri 05.10.12 10 dys
3.1.1.7. Rohrleitungen fuer Kuehlwasser+Druckluft Mon 02.07.12 270,67 dys? (laeuft)
+ 3.1.1.7.1 . Wasserrohrhalterungen (rechts,wand) installieren Fri 07.09.12 8 wks (laeuft)
+ 3.1.1.7.2 (!). Installation DN300 Wasserrohr 30° Vorlauf von hinten Mon 02.07.12 56 dys (laeuft)
3.1.1.7.3 Installation grosses DN300 Wasserrohr rechts an Wand T ue 20.11.12 10 wks
3.1.1.7.4 Kaltwasserleitung Unterverteiler 20 Grad von hinten T ue 20.11.12 90 dys

Line 353:

3.1.1.8.1 Cryo-Abgasleitung DN200 500-200m Fri 02.08.13 10 dys
3.1.1.8.2 Cryo DN200 (Abgasleitung) 500m - 1500m T hu 01.08.13 20 wks
+ 3.1.1.9 (!) Kabel Pritschen Fri 07.09.12 195 67 dys?
+ 3.1.1.9.1 Kabelpritschen links oben (2, Funktionserhalt) Fri 07.09.12 20 dys
3.1.1.9.2 Obere Kabelpritschen (#12-17) installieren Fri 07.12.12 60 dys
3.1.1.9.3 cable trays XSE shaft Fri 07.12.12 40 dys?

Line 376:

3.1.1.10.2 (*)e Telefone installieren T hu 08.03.12 5 dys (erledigt)
3.1.1.10.3 (*)e Schlitzantenne installieren (Moe) Mon 25.06.12 8 dys (erledigt)
+ 3.1.1.10.4 (+)e Tunnelfunk in Betriebenmen Mon 06.08.12 5 wks (erledigt)
+ 3.1.1.10.5 . Trackingsystem f. Personenzugangskontrolle installieren Mon 27.08.12 3 wks (laeuft)
3.1.1.10.6 GSM + UMTS Inbetriebnehmen Mon 04.11.13 1 wk

3.1.1.10.7 WLAN Netzwerk imbetriebnahme Mon 11.11.13 1 wk

Line 395:

- 3.1.1.11.7 (i) 10kV Cable installation (links unten) 0-1000m Fri 07.06.13 30 dys
- 3.1.1.11.8 (i) 10kV Cable installation (links unten) 1000-2100m Fri 07.06.13 30 dys
- 3.1.1.12 (i) LWL Leerrohre **Mon 17.09.12 125** 67 dys
- 3.1.1.12.1 (i) Glasphaserleerrohre verlegen (rechts) **Mon 17.09.12 20** dys
- 3.1.1.12.2 Glasphaserleerrohre unter Bodenplatten vorbereiten Fri 23.11.12 9 wks
- 3.1.1.12.3 Glasphaserleerrohre verlegen (links) Mon 04.03.13 5 dys

Line 413:

- 3.1.2.6 Installation analog-Telefone Fri 28.12.12 1 wk
- 3.1.2.7 IT Infrastructure Fri 19.04.13 2 mons
- 3.2 (i) Main Linac installation Fri 28.12.12 **771** dys?
- 3.2.1 (i) Dogleg Mon 04.11.13 435 dys
- 3.2.1.1 Cryo Transferline installation and tests Mon 04.11.13 4 wks

Line 426:

- 3.2.1.10 (i) Commissioning of Std. Diagnostics and Sp. Diagnostics Mon 25.05.15 6 wks
- 3.2.1.11 DUMP installation Tue 31.12.13 6 wks
- 3.2.2 L1 Wed 09.10.13 **252** 33 dys
- 3.2.2.1 (i) Cryomodules installation Mon 10.02.14 4 dys
- 3.2.2.2 cryo system installatio (feed+endcaps) Wed 09.10.13 4 wks
- 3.2.2.3 (i) Cryo String Assembly **Mon 14.07.14** 5 wks
- 3.2.2.4 (i) RF System installation (WP01) 1x **Mon 11.08.14** 4 wks
- 3.2.2.5 RF System commissioning **Mon 08.09.14** 1 wk
- 3.2.2.6 Rack Shielding **Mon 08.09.14** 1 wk
- 3.2.2.7 Electronics Installation and Integration **Mon 18.08.14** 6 wks
- 3.2.3 (i) B1 Mon 03.02.14 110 dys
- 3.2.3.1 (i) Cryo-Bypass Mon 03.02.14 4 wks
- 3.2.3.2 Supports + Girder + Magnets Mon 03.03.14 20 dys
- 3.2.3.2.1 Supports und Rackabschirmung BC1 aufstellen Mon 03.03.14 4 wks

Line 444:

- 3.2.3.5 Rack container aufstellen und Anschliessen Mon 14.04.14 6 wks
- 3.2.3.6 Systems/Electronics integration Mon 26.05.14 6 wks
- 3.2.4 (i) L2 Wed 09.10.13 **227** 33 dys
- 3.2.4.1 (i) Cryomodules Installation Mon 06.01.14 12 dys

3.1.1.10.7 WLAN Netzwerk imbetriebnahme Mon 11.11.13 1 wk

Line 397:

- 3.1.1.11.7 (i) 10kV Cable installation (links unten) 0-1000m Fri 07.06.13 30 dys
- 3.1.1.11.8 (i) 10kV Cable installation (links unten) 1000-2100m Fri 07.06.13 30 dys
- + 3.1.1.12 (i) LWL Leerrohre **Tue 18.09.12 124** 67 dys
- + 3.1.1.12.1 (i) Glasphaserleerrohre verlegen (rechts) **Tue 18.09.12 19** dys
- 3.1.1.12.2 Glasphaserleerrohre unter Bodenplatten vorbereiten Fri 23.11.12 9 wks
- 3.1.1.12.3 Glasphaserleerrohre verlegen (links) Mon 04.03.13 5 dys

Line 415:

- 3.1.2.6 Installation analog-Telefone Fri 28.12.12 1 wk
- 3.1.2.7 IT Infrastructure Fri 19.04.13 2 mons
- + 3.2 (i) Main Linac installation Fri 28.12.12 **738** dys?
- 3.2.1 (i) Dogleg Mon 04.11.13 435 dys
- 3.2.1.1 Cryo T transferline installation and tests Mon 04.11.13 4 wks

Line 428:

- 3.2.1.10 (i) Commissioning of Std. Diagnostics and Sp. Diagnostics Mon 25.05.15 6 wks
 - 3.2.1.11 DUMP installation Tue 31.12.13 6 wks
 - + 3.2.2 L1 Wed 09.10.13 **204** 33 dys
 - 3.2.2.1 (i) Cryomodules installation Mon 10.02.14 4 dys
 - 3.2.2.2 cryo system installatio (feed+endcaps) Wed 09.10.13 4 wks
 - + 3.2.2.3 (i) Cryo String Assembly **Wed 07.05.14** 5 wks
 - + 3.2.2.4 (i) RF System installation (WP01) 1x **Wed 04.06.14** 4 wks
 - + 3.2.2.5 RF System commissioning **Wed 02.07.14** 1 wk
 - + 3.2.2.6 Rack Shielding **Wed 02.07.14** 1 wk
 - + 3.2.2.7 Electronics Installation and Integration **Wed 11.06.14** 6 wks
 - + 3.2.3 B1 Mon 03.02.14 110 dys
 - + 3.2.3.1 Cryo-Bypass Mon 03.02.14 4 wks
 - 3.2.3.2 Supports + Girder + Magnets Mon 03.03.14 20 dys
 - 3.2.3.2.1 Supports und Rackabschirmung BC1 aufstellen Mon 03.03.14 4 wks
- Line 446:**
- 3.2.3.5 Rack container aufstellen und Anschliessen Mon 14.04.14 6 wks
 - 3.2.3.6 Systems/Electronics integration Mon 26.05.14 6 wks
 - + 3.2.4 (i) L2 Wed 09.10.13 **179** 33 dys
 - 3.2.4.1 (i) Cryomodules Installation Mon 06.01.14 12 dys

3.2.4.2 (i) cryo system installation (feed+Endcaps) Wed 09.10.13 4 wks
- 3.2.4.3 (i) Cryo String Assembly Mon 21.04.14 12 wks
- 3.2.4.4 (i) RF System installation (WP01) 3x Mon 19.05.14 12 wks
- 3.2.4.5 RF System commissioning Mon 11.08.14 1 wk
- 3.2.4.6 Rack Shielding Mon 11.08.14 1 wk
- 3.2.4.7 Electronics Installation and Integration Mon 14.07.14 6 wks
- 3.2.5 (i) B2 Mon 02.12.13 81 dys
- 3.2.5.1 (i) Cryo-Bypass Mon 02.12.13 4 wks
3.2.5.2 Supports + Girder + Magnets Mon 30.12.13 30 dys
3.2.5.2.1 supports and rack shielding foer BC2 aufstellen Mon 30.12.13 4 wks

Line 461:

3.2.5.4 BC2 Dump installieren Tue 31.12.13 6 wks
3.2.5.5 Systems/Electronics integration Tue 11.02.14 6 wks
- 3.2.6 (i) L3 Mon 04.11.13 550 dys
- 3.2.6.1 (i) CS3 Mon 04.11.13 150 dys
3.2.6.1.1 (i) Cryomodules installation Mon 04.11.13 12 dys
- 3.2.6.1.2 (i) Cryo System installation (feedback+SCB) Mon 30.12.13 4 wks
- 3.2.6.1.3 (i) Cryo String Assembly Mon 27.01.14 12 wks
- 3.2.6.1.4 (i) RF System installation (WP01) 3x Mon 24.02.14 12 wks
- 3.2.6.1.5 RF System commissioning Mon 19.05.14 1 wk
- 3.2.6.1.6 Rack Shielding Mon 19.05.14 1 wk
- 3.2.6.1.7 Electronics Installation and Integration Mon 21.04.14 6 wks
- 3.2.6.2 CS4 Mon 02.12.13 275 dys
3.2.6.2.1 (i) Cryomodules installation 12x Mon 05.05.14 12 dys
3.2.6.2.2 Cryo System installation (SCB) Mon 02.12.13 4 wks
- 3.2.6.2.3 (i) Cryo String Assembly Mon 18.08.14 12 wks
- 3.2.6.2.4 (i) RF System installation (WP01) 3x Mon 15.09.14 12 wks
- 3.2.6.2.5 RF System commissioning Mon 08.12.14 1 wk
- 3.2.6.2.6 Rack Shielding Mon 15.12.14 1 wk
- 3.2.6.2.7 Systems/Electronics Integration Mon 10.11.14 6 wks
- 3.2.6.3 (i) CS5 Wed 21.05.14 213 dys
3.2.6.3.1 (i) Cryomodules installation 12x Mon 28.07.14 12 dys
3.2.6.3.2 (i) Cryo System installation (SCB) Wed 21.05.14 4 wks

3.2.4.2 (i) cryo system installation (feed+Endcaps) Wed 09.10.13 4 wks
+ 3.2.4.3 (i) Cryo String Assembly Wed 12.02.14 12 wks
+ 3.2.4.4 (i) RF System installation (WP01) 3x Wed 12.03.14 12 wks
+ 3.2.4.5 RF System commissioning Wed 04.06.14 1 wk
+ 3.2.4.6 Rack Shielding Wed 04.06.14 1 wk
+ 3.2.4.7 Electronics Installation and Integration Wed 07.05.14 6 wks
+ 3.2.5 B2 Mon 02.12.13 81 dys
+ 3.2.5.1 Cryo-Bypass Mon 02.12.13 4 wks
3.2.5.2 Supports + Girder + Magnets Mon 30.12.13 30 dys
3.2.5.2.1 supports and rack shielding foer BC2 aufstellen Mon 30.12.13 4 wks

Line 463:

3.2.5.4 BC2 Dump installieren Tue 31.12.13 6 wks
3.2.5.5 Systems/Electronics integration Tue 11.02.14 6 wks
+ 3.2.6 (i) L3 Wed 09.10.13 534,33 dys
+ 3.2.6.1 (i) CS3 Wed 09.10.13 119,33 dys
3.2.6.1.1 (i) Cryomodules installation Mon 04.11.13 12 dys
+ 3.2.6.1.2 (i) Cryo System installation (feedback+SCB) Wed 09.10.13 4 wks
+ 3.2.6.1.3 (i) Cryo String Assembly Wed 20.11.13 12 wks
+ 3.2.6.1.4 (i) RF System installation (WP01) 3x Wed 18.12.13 12 wks
+ 3.2.6.1.5 RF System commissioning Wed 12.03.14 1 wk
+ 3.2.6.1.6 Rack Shielding Wed 12.03.14 1 wk
+ 3.2.6.1.7 Electronics Installation and Integration Wed 12.02.14 6 wks
+ 3.2.6.2 CS4 Mon 02.12.13 227 dys
3.2.6.2.1 (i) Cryomodules installation 12x Mon 05.05.14 12 dys
3.2.6.2.2 Cryo System installation (SCB) Mon 02.12.13 4 wks
+ 3.2.6.2.3 (i) Cryo String Assembly Wed 11.06.14 12 wks
+ 3.2.6.2.4 (i) RF System installation (WP01) 3x Wed 09.07.14 12 wks
+ 3.2.6.2.5 RF System commissioning Wed 01.10.14 1 wk
+ 3.2.6.2.6 Rack Shielding Wed 08.10.14 1 wk
+ 3.2.6.2.7 Systems/Electronics Integration Wed 03.09.14 6 wks
+ 3.2.6.3 (i) CS5 Wed 21.05.14 165 dys
3.2.6.3.1 (i) Cryomodules installation 12x Mon 28.07.14 12 dys
3.2.6.3.2 (i) Cryo System installation (SCB) Wed 21.05.14 4 wks

- 3.2.6.3.3 (i) Cryo String Assembly Mon 10.11.14 12 wks	+ 3.2.6.3.3 (i) Cryo String Assembly Wed 03.09.14 12 wks
- 3.2.6.3.4 (i) RF System installation (WP01) 3x Mon 08.12.14 12 wks	+ 3.2.6.3.4 (i) RF System installation (WP01) 3x Wed 01.10.14 12 wks
- 3.2.6.3.5 RF System commissioning Mon 02.03.15 1 wk	+ 3.2.6.3.5 RF System commissioning Wed 24.12.14 1 wk
- 3.2.6.3.6 Rack Shielding Mon 02.03.15 1 wk	+ 3.2.6.3.6 Rack Shielding Wed 24.12.14 1 wk
- 3.2.6.3.7 Systems/Electronics Integration Mon 02.02.15 6 wks	+ 3.2.6.3.7 Systems/Electronics Integration Wed 26.11.14 6 wks
- 3.2.6.4 (i) CS6 Wed 13.08.14 208 dys	+ 3.2.6.4 (i) CS6 Wed 13.08.14 160 dys
3.2.6.4.1 (i) Cryomodules installation 12x Mon 20.10.14 12 dys	3.2.6.4.1 (i) Cryomodules installation 12x Mon 20.10.14 12 dys
3.2.6.4.2 (i) Cryo System installation (SCB) Wed 13.08.14 4 wks	3.2.6.4.2 (i) Cryo System installation (SCB) Wed 13.08.14 4 wks
- 3.2.6.4.3 (i) Cryo String Assembly Mon 02.02.15 11 wks	+ 3.2.6.4.3 (i) Cryo String Assembly Wed 26.11.14 11 wks
- 3.2.6.4.4 (i) RF System installation (WP01) 3x Mon 02.03.15 10 wks	+ 3.2.6.4.4 (i) RF System installation (WP01) 3x Wed 24.12.14 10 wks
- 3.2.6.4.5 RF System commissioning Mon 11.05.15 1 wk	+ 3.2.6.4.5 RF System commissioning Wed 04.03.15 1 wk
- 3.2.6.4.6 Rack Shielding Mon 11.05.15 1 wk	+ 3.2.6.4.6 Rack Shielding Wed 04.03.15 1 wk
- 3.2.6.4.7 (+) Systems/Electronics Integration Mon 20.04.15 6 wks	+ 3.2.6.4.7 Systems/Electronics Integration Wed 11.02.15 6 wks
- 3.2.6.5 (i) CS7 Wed 05.11.14 198 dys	+ 3.2.6.5 (i) CS7 Wed 05.11.14 150 dys
3.2.6.5.1 (i) Cryomodules installation 12x Mon 12.01.15 12 dys	3.2.6.5.1 (i) Cryomodules installation 12x Mon 12.01.15 12 dys
3.2.6.5.2 (i) Cryo System installation (SCB) Wed 05.11.14 4 wks	3.2.6.5.2 (i) Cryo System installation (SCB) Wed 05.11.14 4 wks
- 3.2.6.5.3 (i) Cryo String Assembly Mon 20.04.15 10 wks	+ 3.2.6.5.3 (i) Cryo String Assembly Wed 11.02.15 10 wks
- 3.2.6.5.4 (i) RF System installation (WP01) 3x Mon 18.05.15 8 wks	+ 3.2.6.5.4 (i) RF System installation (WP01) 3x Wed 11.03.15 8 wks
- 3.2.6.5.5 (i) RF System commissioning Mon 13.07.15 1 wk	+ 3.2.6.5.5 RF System commissioning Wed 06.05.15 1 wk
- 3.2.6.5.6 (i) Rack Shielding Mon 13.07.15 1 wk	+ 3.2.6.5.6 Rack Shielding Wed 06.05.15 1 wk
- 3.2.6.5.7 (i) Systems/Electronics Integration Mon 29.06.15 6 wks	+ 3.2.6.5.7 (+) Systems/Electronics Integration Wed 22.04.15 6 wks
- 3.2.6.6 (i) CS8 Wed 28.01.15 183 dys	+ 3.2.6.6 (i) CS8 Wed 28.01.15 135 dys
3.2.6.6.1 (i) Cryomodules installation 12x Mon 06.04.15 12 dys	3.2.6.6.1 (i) Cryomodules installation 12x Mon 06.04.15 12 dys
3.2.6.6.2 (i) Cryo System installation (SCB) Wed 28.01.15 4 wks	3.2.6.6.2 (i) Cryo System installation (SCB) Wed 28.01.15 4 wks
- 3.2.6.6.3 (i) Cryo String Assembly Mon 29.06.15 9 wks	+ 3.2.6.6.3 (i) Cryo String Assembly Wed 22.04.15 9 wks
- 3.2.6.6.4 (i) RF System installation (WP01) 3x Mon 27.07.15 8 wks	+ 3.2.6.6.4 (i) RF System installation (WP01) 3x Wed 20.05.15 8 wks
- 3.2.6.6.5 (i) RF System commissioning Mon 21.09.15 1 wk	+ 3.2.6.6.5 (i) RF System commissioning Wed 15.07.15 1 wk
- 3.2.6.6.6 (i) Rack Shielding Mon 21.09.15 1 wk	+ 3.2.6.6.6 (i) Rack Shielding Wed 15.07.15 1 wk
- 3.2.6.6.7 (i) Systems/Electronics Integration Mon 31.08.15 6 wks	+ 3.2.6.6.7 (i) Systems/Electronics Integration Wed 24.06.15 6 wks
- 3.2.6.7 (i) CS9 Wed 22.04.15 168 dys	+ 3.2.6.7 (i) CS9 Wed 22.04.15 135 dys
3.2.6.7.1 (i) Cryomodules installation 12x Mon 29.06.15 12 dys	3.2.6.7.1 (i) Cryomodules installation 12x Mon 29.06.15 12 dys
3.2.6.7.2 (i) Cryo System installation (SCB+Endbox) Wed 22.04.15 4 wks	3.2.6.7.2 (i) Cryo System installation (SCB+Endbox) Wed 22.04.15 4 wks
- 3.2.6.7.3 (i) Cryo String Assembly Mon 31.08.15 9 wks	+ 3.2.6.7.3 (i) Cryo String Assembly Wed 15.07.15 9 wks

- 3.2.6.7.4 (i) RF System instalation (WP01) 3x Mon 28.09.15 8 wks
- 3.2.6.7.5 (i) RF System commissioning Mon 23.11.15 1 wk
- 3.2.6.7.6 (i) Rack Shielding Mon 23.11.15 1 wk
- 3.2.6.7.7 (i) Systems/Electronics Integration Mon 02.11.15 6 wks
3.2.7 T empline Wed 09.10.13 412,33 dys
3.2.7.1 survey and alignment Wed 09.10.13 2 wks

Line 560:

3.2.11.3.3 Vakuumsystem Wed 17.12.14 2 wks
3.2.11.3.4 MAIN Beam Dump installation + commissioning Wed 31.12.14 90 dys
- 3.3 (i) Machine commissioning Mon 14.12.15 105 dys
- 3.3.1 (i) L1+L2+L3 kaltfahren Mon 14.12.15 2 wks
- 3.3.2 (i) RF-Tests mit kalten Modulen Mon 28.12.15 4 wks
- 3.3.3 (i) Commissioning L1 bis dump mit Strahl Mon 25.01.16 15 dys
- 3.3.4 (i) Commissioning L1+L2 bis dump mit Strahl Mon 15.02.16 15 dys
- 3.3.5 (i) Commissioning L1+L2+L3 bis dump mit Strahl Mon 07.03.16 15 dys
- 3.3.6 (i) Establishing SASE in first Undulator section Mon 28.03.16 2 wks
- 3.3.7 (i) Establishing SASE in second Undulator section Mon 11.04.16 2 wks
- 3.3.8 (+) Establishing SASE in third Undulator section Mon 25.04.16 2 wks
- 4 Photon Beamlines Section Mon 22.08.11 1200 dys?
4.1 Shaft Buildings 2,3,4 Mon 01.10.12 836 dys?
4.1.1 X-HE2-S2 Fri 03.01.14 507 dys?

Line 685:

4.3.2.8 Protections and Safety Systems Mon 01.07.13 50 dys
4.3.3 Personnel Interlock (WP-38) Mon 09.09.13 40 dys?
- 4.3.4 DAQ Installation (SASE1) - (see below) Mon 14.04.14 120 dys
4.3.5 Machine Instalation Mon 13.01.14 5 mons
4.3.6 EB magnets sase1 Mon 13.01.14 50 dys?

Line 833:

4.1.0.2.8 Protections and Safety Systems Mon 03.03.14 50 dys
4.1.0.3 Personnel Interlock (WP-38) Mon 12.05.14 40 dys?
- 4.1.0.4 DAQ Installation (SASE1) - (see below) Mon 14.04.14 120 dys
4.1.0.5 PBL SASE1 Installation (XTD9) (WP-73) Mon 29.09.14 39 wks
4.1.0.6 PB diagnoxtics SASE1 (XTD9) (WP-74) Mon 15.09.14 60 dys?

+ 3.2.6.7.4 (i) RF System installation (WP01) 3x Wed 12.08.15 8 wks
+ 3.2.6.7.5 (i) RF System commissioning Wed 07.10.15 1 wk
+ 3.2.6.7.6 (i) Rack Shielding Wed 07.10.15 1 wk
+ 3.2.6.7.7 (i) Systems/Electronics Integration Wed 16.09.15 6 wks
3.2.7 T empline Wed 09.10.13 412,33 dys
3.2.7.1 survey and alignment Wed 09.10.13 2 wks

Line 562:

3.2.11.3.3 Vakuumsystem Wed 17.12.14 2 wks
3.2.11.3.4 MAIN Beam Dump installation + commissioning Wed 31.12.14 90 dys
+ 3.3 (i) Machine commissioning Wed 28.10.15 105 dys
+ 3.3.1 (i) L1+L2+L3 kaltfahren Wed 28.10.15 2 wks
+ 3.3.2 (i) RF-Tests mit kalten Modulen Wed 11.11.15 4 wks
+ 3.3.3 (i) Commissioning L1 bis dump mit Strahl Wed 09.12.15 15 dys
+ 3.3.4 (i) Commissioning L1+L2 bis dump mit Strahl Wed 30.12.15 15 dys
+ 3.3.5 (i) Commissioning L1+L2+L3 bis dump mit Strahl Wed 20.01.16 15 dys
+ 3.3.6 (i) Establishing SASE in first Undulator section Wed 10.02.16 2 wks
+ 3.3.7 (i) Establishing SASE in second Undulator section Wed 24.02.16 2 wks
+ 3.3.8 Establishing SASE in third Undulator section Wed 09.03.16 2 wks
+ 4 Photon Beamlines Section Mon 22.08.11 1167 dys?
4.1 Shaft Buildings 2,3,4 Mon 01.10.12 836 dys?
4.1.1 X-HE2-S2 Fri 03.01.14 507 dys?

Line 687:

4.3.2.8 Protections and Safety Systems Mon 01.07.13 50 dys
4.3.3 Personnel Interlock (WP-38) Mon 09.09.13 40 dys?
+ 4.3.4 DAQ Installation (SASE1) - (see below) Mon 29.09.14 120 dys
4.3.5 Machine Instalation Mon 13.01.14 5 mons
4.3.6 EB magnets sase1 Mon 13.01.14 50 dys?

Line 835:

4.1.0.2.8 Protections and Safety Systems Mon 03.03.14 50 dys
4.1.0.3 Personnel Interlock (WP-38) Mon 12.05.14 40 dys?
+ 4.1.0.4 DAQ Installation (SASE1) - (see below) Mon 29.09.14 120 dys
4.1.0.5 PBL SASE1 Installation (XTD9) (WP-73) Mon 29.09.14 39 wks
4.1.0.6 PB diagnoxtics SASE1 (XTD9) (WP-74) Mon 15.09.14 60 dys?

Line 869:

4.13.3 (x) SASE1/3 Electron Beam Line Machine Installation Complete Fri 13.02.15
4.13.4 (x) SASE1/3 Electron Beam Line closed Fri 31.07.15
- 4.1.4 SASE1 Photons in XHEXP1 Mon 22.08.11 1185 dys?
4.1.4.1 (x) SASE1 Photon Beam Line Civil Construction Completed Fri 30.11.12
4.1.4.2 SASE1 Photon Beam Line Infrastructure Installation completed Mon 22.08.11 1 dy?
4.1.4.3 SASE1 Photon Beam Line Installation completed Mon 22.08.11 1 dy?
4.1.4.4 SASE1 Photon Beam Line closed Mon 22.08.11 1 dy?
- 4.1.4.5 (+x) First SASE1 Photons in XHEXP1 Mon 07.03.16
- 4.1.5 SASE2 Photons in XHEXP1 Mon 22.08.11 1200 dys?
4.1.5.1 (x) SASE2 Photon Beam Line Civil Construction Completed Mon 03.06.13
4.1.5.2 SASE2 Photon Beam Line Infrastructure Installation completed Mon 22.08.11 1 dy?
4.1.5.3 SASE2 Photon Beam Line Installation completed Mon 22.08.11 1 dy?
4.1.5.4 SASE2 Photon Beam Line closed Mon 22.08.11 1 dy?
- 4.1.5.5 (x) First SASE2 Photons in XHEXP1 Fri 25.03.16
- 4.1.6 SASE3 Photons in XHEXP1 Mon 22.08.11 1185 dys?
4.1.6.1 (x) SASE3 Photon Beam Line Civil Construction Completed Fri 30.11.12
4.1.6.2 SASE3 Photon Beam Line Infrastructure Installation completed Mon 22.08.11 1 dy?
4.1.6.3 SASE3 Photon Beam Line Installation completed Mon 22.08.11 1 dy?
4.1.6.4 SASE3 Photon Beam Line closed Mon 22.08.11 1 dy?
- 4.1.6.5 (ix) First SASE3 Photons in XHEXP1 Mon 07.03.16
5 (*) Experiments Section Fri 21.06.13 877 dys?
5.1 (*) Experimental Hall XHEXP1 Fri 21.06.13 877 dys?
5.1.1 initial survey (WP32) Fri 21.06.13 30 dys
5.1.2 XHEXP Infrastructure Installation above ground Mon 02.06.14 110 dys
- 5.1.3 XHEXP Infrastructure Installation underground Mon 03.03.14 150 dys?
5.1.3.1 "(duration as is "excel-list" down)" Mon 03.03.14 107 dys
- 5.1.3.2 Cable Trays (XHEXP) Mon 03.03.14 30 dys?
5.1.3.2.1 cable trays on experiments level Mon 03.03.14 30 dys
- 5.1.3.2.2 cable trays on 1st gallery level Mon 03.03.14 1 dy?
- 5.1.3.2.3 cable trays on 2nd gallery level Mon 03.03.14 1 dy?

Line 871:

4.13.3 (x) SASE1/3 Electron Beam Line Machine Installation Complete Fri 13.02.15
4.13.4 (x) SASE1/3 Electron Beam Line closed Fri 31.07.15
+ 4.1.4 SASE1 Photons in XHEXP1 Mon 22.08.11 1152 dys?
4.1.4.1 (x) SASE1 Photon Beam Line Civil Construction Completed Fri 30.11.12
4.1.4.2 SASE1 Photon Beam Line Infrastructure Installation completed Mon 22.08.11 1 dy?
4.1.4.3 SASE1 Photon Beam Line Installation completed Mon 22.08.11 1 dy?
4.1.4.4 SASE1 Photon Beam Line closed Mon 22.08.11 1 dy?
+ 4.1.4.5 (x) First SASE1 Photons in XHEXP1 Wed 20.01.16
+ 4.1.5 SASE2 Photons in XHEXP1 Mon 22.08.11 1167 dys?
4.1.5.1 (x) SASE2 Photon Beam Line Civil Construction Completed Mon 03.06.13
4.1.5.2 SASE2 Photon Beam Line Infrastructure Installation completed Mon 22.08.11 1 dy?
4.1.5.3 SASE2 Photon Beam Line Installation completed Mon 22.08.11 1 dy?
4.1.5.4 SASE2 Photon Beam Line closed Mon 22.08.11 1 dy?
+ 4.1.5.5 (x) First SASE2 Photons in XHEXP1 Tue 09.02.16
+ 4.1.6 SASE3 Photons in XHEXP1 Mon 22.08.11 1152 dys?
4.1.6.1 (x) SASE3 Photon Beam Line Civil Construction Completed Fri 30.11.12
4.1.6.2 SASE3 Photon Beam Line Infrastructure Installation completed Mon 22.08.11 1 dy?
4.1.6.3 SASE3 Photon Beam Line Installation completed Mon 22.08.11 1 dy?
4.1.6.4 SASE3 Photon Beam Line closed Mon 22.08.11 1 dy?
+ 4.1.6.5 (+x) First SASE3 Photons in XHEXP1 Wed 20.01.16
5 (*) Experiments Section Fri 21.06.13 877 dys?
5.1 (*) Experimental Hall XHEXP1 Fri 21.06.13 877 dys?
5.1.1 initial survey (WP32) Fri 21.06.13 30 dys
5.1.2 XHEXP Infrastructure Installation above ground Mon 02.06.14 110 dys
+ 5.1.3 (I) XHEXP Infrastructure Installation underground Mon 03.03.14 150 dys?
5.1.3.1 "(duration as is "excel-list" down)" Mon 03.03.14 107 dys
+ 5.1.3.2 Cable Trays (XHEXP) Mon 03.03.14 30 dys
5.1.3.2.1 cable trays on experiments level Mon 03.03.14 30 dys
+ 5.1.3.2.2 cable trays on 1st gallery level (XHEXP-UG01-028/030/038) Mon 03.03.14 30 dys
+ 5.1.3.2.3 cable trays on 2nd gallery level Mon 03.03.14 30 dys

5.1.3.3 High Power Supplies Mon 03.03.14 1 00 dys?
5.1.3.3.1 power supplies on experiments level Mon 03.03.14 1 00 dys
5.1.3.3.2 power supplies on 1st gallery level Mon 03.03.14 1 dy?
5.1.3.3.3 power supplies on 2nd gallery level Mon 03.03.14 1 dy?
5.1.3.4 Water Cooling and Compressed Air Mon 03.03.14 1 50 dys?
5.1.3.4.1 IS on experiments level Mon 03.03.14 1 50 dys
5.1.3.4.2 IS on 1st gallery level Mon 03.03.14 1 dy?
5.1.3.4.3 IS on 2nd gallery level Mon 03.03.14 1 dy?
5.1.3.5 Heating, Ventilation and Air Conditioning Mon 03.03.14 1 00 dys?
5.1.3.5.1 IS on experiments level Mon 03.03.14 1 00 dys
5.1.3.5.2 IS on 1st gallery level Mon 03.03.14 1 dy?
5.1.3.5.3 IS on 2nd gallery level Mon 03.03.14 1 dy?
5.1.3.6 u Mon 03.03.14 1 00 dys?
5.1.3.6.1 IS on experiments level Mon 03.03.14 1 00 dys
5.1.3.6.2 IS on 1st gallery level Mon 03.03.14 1 dy?
5.1.3.6.3 IS on 2nd gallery level Mon 03.03.14 1 dy?
5.1.3.7 Protections and Safety Systems Mon 03.03.14 5 0 dys?
5.1.3.7.1 IS on experiments level Mon 03.03.14 5 0 dys
5.1.3.7.2 IS on 1st gallery level Mon 03.03.14 1 dy?
5.1.3.7.3 IS on 2nd gallery level Mon 03.03.14 1 dy?
5.1.3.8 IT Systems Mon 03.03.14 3 0 dys?
5.1.3.8.1 IS on experiments level Mon 03.03.14 3 0 dys
5.1.3.8.2 IS on 1st gallery level Mon 03.03.14 1 dy?
5.1.3.8.3 IS on 2nd gallery level Mon 03.03.14 1 dy?
5.1.4 PBL front ends Mon 29.09.14 5 dys
5.1.4.1 PBL SASE1 Installation (XHEXP) (WP-73) Mon 29.09.14 5 dys
5.1.4.2 PBL SASE2 Installation (XHEXP) (WP-73) Mon 29.09.14 5 dys
5.1.4.3 PBL SASE3 Installation (XHEXP) (WP-73) Mon 29.09.14 5 dys
5.1.5 Hutch Infrastructure Mon 12.05.14 3 00 dys

5.1.3.3 High Power Supplies Mon 03.03.14 1 00 dys?
5.1.3.3.1 power supplies on experiments level Mon 03.03.14 1 00 dys
5.1.3.3.2 power supplies on 1st gallery level Mon 03.03.14 1 dy?
5.1.3.3.3 power supplies on 2nd gallery level Mon 03.03.14 1 dy?
5.1.3.4 (I) Water Cooling and Compressed Air Mon 03.03.14 1 50 dys
5.1.3.4.1 Water Cooling on experiments level Mon 03.03.14 1 50 dys
5.1.3.4.2 (I) Water Cooling on 1st gallery level (XHEXP-UG01-028/030/038) Mon 03.03.14 150 dys
5.1.3.5 Heating, Ventilation and Air Conditioning Mon 03.03.14 1 00 dys?
5.1.3.5.1 Heat. Vent. Air-cond. on experiments level Mon 03.03.14 1 00 dys
5.1.3.5.2 Heat. Vent. Air-cond. on 1st gallery level Mon 03.03.14 1 dy?
5.1.3.5.3 Heat. Vent. Air-cond. on 2nd gallery level Mon 03.03.14 1 dy?
5.1.3.6 Process control and Instrumentation Mon 03.03.14 1 00 dys?
5.1.3.6.1 proc. contr. And instr. on experiments level Mon 03.03.14 1 00 dys
5.1.3.6.2 proc. contr. And instr. on 1st gallery level Mon 03.03.14 1 dy?
5.1.3.7 Protections and Safety Systems Mon 03.03.14 5 0 dys?
5.1.3.7.1 prot. And safe.syst. On experiments level Mon 03.03.14 5 0 dys
5.1.3.7.2 prot. And safe.syst on 1st gallery level Mon 03.03.14 1 dy?
5.1.3.8 IT Systems Mon 03.03.14 3 0 dys?
5.1.3.8.1 IT syst. on experiments level (XHEXP-UG01-001) Mon 03.03.14 3 0 dys
5.1.3.8.2 IT syst. on 1st gallery level (XHEXP-UG01-002) Mon 03.03.14 1 dy?
5.1.4 PBL front ends Mon 29.09.14 5 dys
5.1.4.1 PBL Installation SASE1(XTD9) (XHEXP-UG01-010) (WP-73) Mon 29.09.14 5 dys
5.1.4.2 PBL Installation SASE2(XTD6) (XHEXP-UG01-007) (WP-73) Mon 29.09.14 5 dys
5.1.4.3 PBL Installation SASE3(XTD10) (XHEXP-UG01-011) (WP-73) Mon 29.09.14 5 dys
5.1.5 Hutch Infrastructure Mon 12.05.14 3 00 dys

-	5.1.5.1 SASE 1 - experiments area 4 (hutch) Mon 12.05.14 1 00 dys
-	5.1.5.2 SASE 2 - experiments area 1 (hutch) Mon 29.09.14 1 00 dys
-	5.1.5.3 SASE 3 - experiments area 5 (hutch) Mon 16.02.15 1 00 dys
-	5.1.6 (*) Laser System Mon 03.03.14 696 dys
-	5.1.6.1 SASE1 Mon 03.03.14 480 dys
-	5.1.6.1.1 PP-Laser hutch installation Mon 03.03.14 12 mons
-	5.1.6.1.2 PP-Laser installation Mon 02.02.15 12 mons
-	5.1.6.2 (*) SASE2 Mon 30.06.14 611 dys
-	5.1.6.2.1 TW-Laser hutch installation Mon 30.06.14 12 mons
-	5.1.6.2.2 TW-Laser installation Mon 01.06.15 6 mons
-	5.1.6.2.3 (+) PP-Laser hutch installation Tue 30.12.14 12 mons
-	5.1.6.2.4 (+) PP-Laser installation Tue 01.12.15 12 mons
-	5.1.6.3 (*) SASE3 Tue 30.12.14 480 dys
-	5.1.6.3.1 (+) PP-Laser hutch installation Tue 30.12.14 12 mons
-	5.1.6.3.2 (+) PP-Laser installation Tue 01.12.15 12 mons
-	5.2 DAQ Installation Mon 14.04.14 475 dys
-	5.2.1 installation SASE1 minimal system Mon 14.04.14 120 dys
-	5.2.2 installation SASE1 preoperational system Mon 29.09.14 6 mons
-	5.2.3 installation SASE1 operational system Mon 16.03.15 3 mons
-	5.2.4 (+) installation SASE2 minimal system Mon 15.12.14 6 mons
-	5.2.5 (+) installation SASE2 preoperational system Mon 01.06.15 6 mons
-	5.2.6 (+) installation SASE2 operational system Mon 16.11.15 3 mons
-	5.2.7 installation SASE3 minimal system Mon 14.04.14 6 mons
-	5.2.8 installation SASE3 preoperational system Mon 29.09.14 6 mons
-	5.2.9 installation SASE3 operational system Mon 16.03.15 3 mons

+	5.1.5.1 hutch SASE 1 - experiments area 4 (XHEXP-UG01-104) Mon 12.05.14 1 00 dys
+	5.1.5.2 hutch SASE 2 - experiments area 1 (XHEXP-UG01-101) Mon 29.09.14 1 00 dys
+	5.1.5.3 hutch SASE 3 - experiments area 5 (XHEXP-UG01-105) Mon 16.02.15 1 00 dys
+	5.1.6 (*) Laser System Mon 03.03.14 696 dys
+	5.1.6.1 SASE1 (XHEXP-UG01-104) Mon 03.03.14 480 dys
+	5.1.6.1.1 PP-Laser hutch installation Mon 03.03.14 12 mons
+	5.1.6.1.2 PP-Laser installation Mon 02.02.15 12 mons
+	5.1.6.2 (*) SASE2 (XHEXP-UG01-101) Mon 30.06.14 611 dys
+	5.1.6.2.1 TW-Laser hutch installation Mon 30.06.14 12 mons
+	5.1.6.2.2 TW-Laser installation Mon 01.06.15 6 mons
+	5.1.6.2.3 (+) PP-Laser hutch installation Tue 30.12.14 12 mons
+	5.1.6.2.4 (+) PP-Laser installation Tue 01.12.15 12 mons
+	5.1.6.3 (*) SASE3 (XHEXP-UG-01-105) Tue 30.12.14 480 dys
+	5.1.6.3.1 (+) PP-Laser hutch installation Tue 30.12.14 12 mons
+	5.1.6.3.2 (+) PP-Laser installation Tue 01.12.15 12 mons
+	5.2 (I) DAQ Installation Mon 29.09.14 355 dys
+	5.2.1 (I) DAQ for SASE1 (XHEXP-UG01-030/038)(XTID9)(XTID2) Mon 29.09.14 300 dys
+	5.2.1.1 (I) installation SASE1 minimal system Mon 29.09.14 120 dys
+	5.2.1.2 (I) installation SASE1 preoperational system Mon 16.03.15 6 mons
+	5.2.1.3 (I) installation SASE1 operational system Mon 31.08.15 3 mons
+	5.2.2 DAQ for SASE2 (XHEXP-UG01-028)(XTID6)(XTID1) Mon 15.12.14 300 dys
+	5.2.2.1 (+) installation SASE2 minimal system Mon 15.12.14 6 mons
+	5.2.2.2 (+) installation SASE2 preoperational system Mon 01.06.15 6 mons
+	5.2.2.3 (+) installation SASE2 operational system Mon 16.11.15 3 mons
+	5.2.3 DAQ for SASE3 (XHEXP-UG01-030)(XTID10)(XTID4) Mon 29.09.14 300 dys
+	5.2.3.1 installation SASE3 minimal system Mon 29.09.14 6 mons
+	5.2.3.2 installation SASE3 preoperational system Mon 16.03.15 6 mons
+	5.2.3.3 installation SASE3 operational system Mon 31.08.15 3 mons

5.3 Instruments Mon 29.09.14 300 dys
5.3.1 MID (SASE2) Mon 16.02.15 100 dys

Line 958:

5.3.5 SQS (SASE3) Mon 06.07.15 100 dys
5.3.6 SCS (SASE3) Mon 06.07.15 100 dys
- 6 Outgoing Mon 04.11.13 655 dys
6.1 (x) (Toplevel-1) Injector tunnel closed + ready for beam Thu 01.05.14
6.2 (ix) (Toplevel-2) First beam to Injector Dump Wed 14.01.15
- 6.3 (ix) (Toplevel-3) Linac tunnel (XTL) closed Fri 11.12.15
- 6.4 (x) (Toplevel-4) SASE1 Instruments ready for beam Fri 05.06.15
- 6.5 (ix) (Toplevel-5) First beam to XSI Dump (main dump) Mon 07.03.16
6.6 (ix) (Toplevel-6) XT D2, XT D4, XT D9, XT D10 closed Mon 12.10.15
- 6.7 (ix) (Toplevel-7) First e-beam to XSDU2 Mon 07.03.16
- 6.8 (ix) (Toplevel-8) First Lasing SASE1 possible Fri 08.04.16
6.9 (+x) (Toplevel-9) XT D1, XT D3, XT D5, XT D6, XT D7, XT D8 closed Mon 28.12.15
- 6.10 (ix) (Toplevel-10) First e-beam to XSDU1 Fri 25.03.16
6.11 (x) (Toplevel-11) SASE3 Instruments ready for beam Fri 20.11.15
- 6.12 (ix) (Toplevel-12) First Lasing SASE3 possible Fri 22.04.16
- 6.13 (ix) (Toplevel-13) Start Operation Fri 08.04.16
- 6.14 (ix) (Toplevel-14) SASE1 Instruments users operation Fri 08.04.16
6.15 (x) (Toplevel-15) SASE2 Instruments ready for beam Fri 05.02.16
- 6.16 (+x) (Toplevel-16) First Lasing SASE2 possible Fri 06.05.16
- 6.17 (+x) (Toplevel-17) SASE3 Instruments user operation Fri 22.04.16
- 6.18 (x) (Toplevel-18) SASE2 Instruments user operation Fri 06.05.16
- 6.19 (x) (Toplevel-19) Extended beam delivery Fri 06.05.16
6.20 (x) Main Linac Infrastructure installation is complete Fri 10.01.14
6.21 (x) Modul installation has started Mon 04.11.13
- 6.22 (x) XFEL Accelerator ready for beam operation Mon 25.01.16
- 6.23 (+x) XFEL Accelerator electron beam with nominal parameters achieved Fri 25.03.16
- 6.24 (ix) XFEL Accelerator photon/SASE beam with nominal parameters achieved Fri 08.04.16

5.3 Instruments Mon 29.09.14 300 dys
5.3.1 MID (SASE2) Mon 16.02.15 100 dys

Line 959:

5.3.5 SQS (SASE3) Mon 06.07.15 100 dys
5.3.6 SCS (SASE3) Mon 06.07.15 100 dys
+ 6 Outgoing Mon 04.11.13 622 dys
6.1 (x) (Toplevel-1) Injector tunnel closed + ready for beam Thu 01.05.14
6.2 (ix) (Toplevel-2) First beam to Injector Dump Wed 14.01.15
+ 6.3 (ix) (Toplevel-3) Linac tunnel (XTL) closed Tue 27.10.15
+ 6.4 (ix) (Toplevel-4) SASE1 Instruments ready for beam Fri 20.11.15
+ 6.5 (ix) (Toplevel-5) First beam to XSI Dump (main dump) Wed 20.01.16
6.6 (ix) (Toplevel-6) XT D2, XT D4, XT D9, XT D10 closed Mon 12.10.15
+ 6.7 (ix) (Toplevel-7) First e-beam to XSDU2 Wed 20.01.16
+ 6.8 (ix) (Toplevel-8) First Lasing SASE1 possible Tue 23.02.16
6.9 (+x) (Toplevel-9) XT D1, XT D3, XT D5, XT D6, XT D7, XT D8 closed Mon 28.12.15
+ 6.10 (ix) (Toplevel-10) First e-beam to XSDU1 Tue 09.02.16
6.11 (x) (Toplevel-11) SASE3 Instruments ready for beam Fri 20.11.15
+ 6.12 (ix) (Toplevel-12) First Lasing SASE3 possible Tue 08.03.16
+ 6.13 (x) (Toplevel-13) Start Operation Tue 23.02.16
+ 6.14 (x) (Toplevel-14) SASE1 Instruments users operation Tue 23.02.16
6.15 (x) (Toplevel-15) SASE2 Instruments ready for beam Fri 05.02.16
+ 6.16 (x) (Toplevel-16) First Lasing SASE2 possible Tue 22.03.16
+ 6.17 (x) (Toplevel-17) SASE3 Instruments user operation Tue 08.03.16
+ 6.18 (x) (Toplevel-18) SASE2 Instruments user operation Tue 22.03.16
+ 6.19 (x) (Toplevel-19) Extended beam delivery Tue 22.03.16
6.20 (x) Main Linac Infrastructure installation is complete Fri 10.01.14
6.21 (x) Modul installation has started Mon 04.11.13
+ 6.22 (x) XFEL Accelerator ready for beam operation Wed 09.12.15
+ 6.23 (x) XFEL Accelerator electron beam with nominal parameters achieved Tue 09.02.16
+ 6.24 (x) XFEL Accelerator photon/SASE beam with nominal parameters achieved Tue 23.02.16