

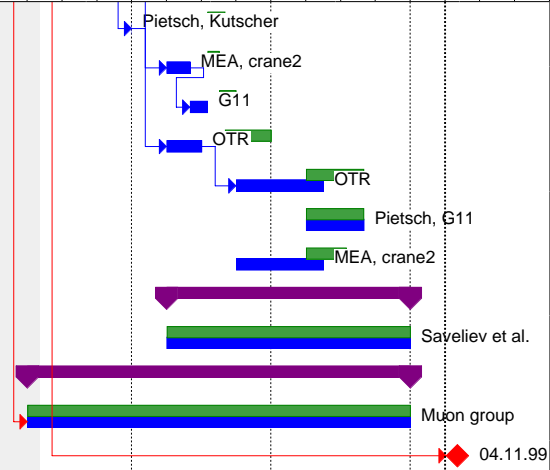
HERA-B: Mini shut-down 11/99 Schedule

ID	Name	Start	Finish	Durat.	Thu 28 Oct			Fri 29 Oct			Sat 30 Oct			Sun 31 Oct			Mon 01 Nov			Tue 02 Nov			Wed 03 Nov			Thu 04 Nov		
					6	12	18	0	6	12	18	0	6	12	18	0	6	12	18	0	6	12	18	0	6	12	18	0
1	Mini Shut-down November 1999	28.10.99	04.11.99	8,01d	[Task Progress]																							
2	Installation sequence: PC3+x, PC2+x, MS03, MS13-	01.11.99	04.11.99	48h	[Baseline Milestone]																							
3	Beginn of shut-down 6:00	01.11.99	01.11.99	0h	◆ 01.11.99																							
4	Transport PC2+x and PC3+x to hall West	28.10.99	28.10.99	3h	[Critical Task Progress]																							
5	Work in vertex area	01.11.99	02.11.99	2,25d	[Task Progress]																							
6	Check suspension of vertex vessel	01.11.99	01.11.99	2h	[Critical Task Progress]																							
7	Check survey of vertex vessel	02.11.99	02.11.99	2h	[Critical Task Progress]																							
8	Work in magnet	01.11.99	04.11.99	6d	[Task Progress]																							
9	Finish lower and upper rails for MC6	01.11.99	02.11.99	24h	[Critical Task Progress]																							
10	Install extension rails for MC8	03.11.99	03.11.99	6h	[Critical Task Progress]																							
11	Install MS03 chambers	01.11.99	01.11.99	1d	[Critical Task Progress]																							
12	Installation of outer PT rails, drill one hole	01.11.99	01.11.99	0,5d	[Critical Task Progress]																							
13	Align and connect MS03	02.11.99	03.11.99	16h	[Critical Task Progress]																							
14	Commission MS03	03.11.99	04.11.99	16h	[Critical Task Progress]																							
15	Install ITR gas panels	02.11.99	02.11.99	1d	[Critical Task Progress]																							
16	Work in PC area	01.11.99	03.11.99	5d	[Task Progress]																							
17	Install MS13-x	01.11.99	01.11.99	2h	[Critical Task Progress]																							
18	Rearrange cables in PC2,3 +x cable chains	01.11.99	01.11.99	2h	[Critical Task Progress]																							
19	Remove shielding blocks for PC installation	01.11.99	01.11.99	3h	[Critical Task Progress]																							
20	Repair drives of PC2 and PC3 both sides	01.11.99	01.11.99	3h	[Critical Task Progress]																							
21	Install drives for PC2-x and PC3-x	01.11.99	01.11.99	4h	[Critical Task Progress]																							
22	Remove PC4+x extension beam	01.11.99	01.11.99	1h	[Critical Task Progress]																							
23	Install PC3 +x	01.11.99	01.11.99	2h	[Critical Task Progress]																							
24	Install and adjust lower rail system	01.11.99	01.11.99	2h	[Critical Task Progress]																							
25	Reinstall PC4+x extension beam	01.11.99	01.11.99	2h	[Critical Task Progress]																							
26	Cabling of PC3 +x	01.11.99	01.11.99	4h	[Critical Task Progress]																							
27	Commissioning of PC3+x	01.11.99	02.11.99	4h	[Critical Task Progress]																							
28	Remove PC1+x extension beam	01.11.99	01.11.99	1h	[Critical Task Progress]																							
29	Install PC2 +x	01.11.99	01.11.99	2h	[Critical Task Progress]																							
30	Install and adjust lower rail system	01.11.99	01.11.99	2h	[Critical Task Progress]																							

Project: Mini shut-down 11/99 Date: Thu 04.11.99 Page: 1	Summary Task	Task Progress Critical Task	Critical Task Progress Baseline	Milestone Baseline Milestone	Milestone done
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					6	12	18	0	6	12	18	0	6	12	18	0	6	12	18	0	6	12	18	0	6	12	18	0
31	Install drive for PC2 +x	01.11.99	02.11.99	3h																								
32	Reinstall PC1+x extension beam	02.11.99	02.11.99	2h																								
33	Repair drives of PC1+x and PC4+x	02.11.99	02.11.99	3h																								
34	Cabling of PC2 +x	02.11.99	02.11.99	4h																								
35	Commissioning of PC2+x	02.11.99	03.11.99	8h																								
36	Alignment of PC2 and PC3	03.11.99	03.11.99	1d																								
37	Close shielding	02.11.99	03.11.99	8h																								
38	Work in TC area	02.11.99	03.11.99	3,75d																								
39	Install 2nd half of TRD	02.11.99	03.11.99	30h																								
40	Work in Muon area	01.11.99	04.11.99	6d																								
41	Maintenance of Muon chambers	01.11.99	04.11.99	48h																								
42	End of shut-down 6:00	04.11.99	04.11.99	0d																								



Summary		Task Progress		Critical Task Progress		Milestone		Milestone done	
Task		Critical Task		Baseline		Baseline Milestone			