

Online Installation Schedule

ID	Task Name	Duration	Start	1st Quarter			2nd Quarter			3rd Quarter			4th Quarter			1st Quarter		
				Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
1	LHCb	130.6 wks?	Mon 05/01/10	13														
2	ONLINE Installation and Commissioning	130.6 wks?	Mon 05/01/10															
3	Fibre installation SX85 to UX85 (PZ)	1 wk	Mon 05/01/10															
4	Ethernet cabling in UX85	14.8 wks?	Tue 05/02/01															
5	Additional/Recabling for 1MHz	23.6 wks	Sat 06/04/15	<div style="position: relative; height: 100px;"> <div style="position: absolute; top: 0; left: 0; right: 0; border-bottom: 2px solid blue; width: 100%;"></div> <div style="position: absolute; top: 10px; left: 10%; font-size: 12px;">Apr 15</div> <div style="position: absolute; top: 10px; right: 10%; font-size: 12px;">Sep 27</div> <div style="position: absolute; top: 30px; left: 50%; transform: translate(-50%, -50%); font-size: 14px;">◆ Aug 07</div> <div style="position: absolute; top: 50px; left: 60%; font-size: 12px;">Aug 08</div> <div style="position: absolute; top: 50px; right: 10%; font-size: 12px;">Sep 04</div> </div>														
6	1 MHz cabling ready for detector commissioning	1 day	Mon 06/08/07															
7	Ethernet cabling outside D1 to D3 (GPN, TN, ECS)	4 wks?	Tue 06/08/08															
8	DAQ Installation and Commissioning	81.4 wks?	Thu 05/12/22															
9	DAQ ready for sub-detector commissioning	1 wk	Mon 06/03/20	<div style="position: relative; height: 100px;"> <div style="position: absolute; top: 0; left: 0; right: 0; border-bottom: 1px solid black; width: 100%;"></div> <div style="position: absolute; top: 10px; left: 10%; font-size: 12px;">◆ Mar 20</div> <div style="position: absolute; top: 10px; right: 10%; font-size: 12px;">◆ Mar 24</div> </div>														
10	DAQ ready for complete readout	0 days	Fri 06/03/24															
11	Control Room and Computer room SX85	81.4 wks?	Thu 05/12/22															
12	Networking in SX85 ready	0.2 wks	Thu 05/12/22	<div style="position: relative; height: 100px;"> <div style="position: absolute; top: 0; left: 0; right: 0; border-bottom: 1px solid black; width: 100%;"></div> <div style="position: absolute; top: 10px; left: 10%; font-size: 12px;">Dec 22</div> </div>														
13	Installation of workplaces in control room	8 wks?	Wed 06/10/04	<div style="position: relative; height: 100px;"> <div style="position: absolute; top: 0; left: 0; right: 0; border-bottom: 2px solid blue; width: 100%;"></div> <div style="position: absolute; top: 10px; left: 60%; font-size: 12px;">Oct 04</div> <div style="position: absolute; top: 10px; right: 10%; font-size: 12px;">Nov 28</div> </div>														

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27	Finalise EDMS note & webpage for DCS PC racks	16.6 wks	Wed 06/03/01	ar 01			Jun 23											
28	Install LHCb U bars in racks	3 days	Mon 06/07/10				Jul 10	Jul 12										
29	Install power barettes in D2	1 wk?	Mon 06/07/17				Jul 17	Jul 21										
30	Install Farm Control PCs	2 wks?	Wed 06/09/06				Sep 06	Sep 19										
31	Install CCPC Control PCs	1 wk?	Wed 06/09/06				Sep 06	Sep 12										
32	Install DCSPCs	4 wks?	Wed 06/09/06				Sep 06	Oct 03										
33	Monitoring Farm (D2A01 - D2A09)	5 wks	Tue 06/11/21				Nov 21	Jan 08										
34	D1 Installation	10.8 wks?	Mon 06/07/17															
35	Remaining rails (with Summerstudents)	1 wk?	Mon 06/07/17				Jul 17	Jul 21										
36	Install Control Switches (HP2650)	12 days	Mon 06/08/07				Aug 07	Aug 22										
37	Test installation of 1 farmrack	1 wk?	Wed 06/08/16				Aug 16	Aug 22										
38	Install DAQ switches (HP3400)	2 wks?	Fri 06/09/01				Sep 01	Sep 14										
39	Pre-install patch-cables	2 wks	Fri 06/09/15				Sep 15	Sep 28										

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40	Computing Infrastructure	7.4 wks?	Mon 06/07/17															
41	Quattuor server / RPM repo / Kickstart server (Linux)	2 days?	Fri 06/09/01															
42	Windows install server	2 days?	Fri 06/09/01															
43	DNS, login, homedirectories, dhcp , ntp, gateways	1 wk?	Mon 06/07/17															
44	Software Installation Infrastructure ready	1 day	Tue 06/09/05															
45	ECS ready for sub-detector commissioning	1 wk	Wed 06/10/04															
46	Online System Ready for sub-detector commission	0.2 wks	Wed 06/10/11															
47	Online System ready for global comissioning	1 wk	Mon 07/03/19															
48	Online System Ready for LHC Startup	1 day	Mon 07/06/04															