

# LHC: Getting ready for run 2 !

	Jan		Feb					Mar					
Wk	1	2	3	4	5	6	7	8	9	10	11	12	13
Mo	29	5	12	19	26	2	9	16	23	2	9	16	23
Tu													
We													
Th													
Fr													
Sa													
Su													

Controls maintenance (Jan 2)

Powering tests (Feb 4-7)

Sector test 23 78-67 (Mar 9)

Sector test backup (Mar 10)

Machine checkout (Mar 12-13)

	Apr			May						June			
Wk	14	15	16	17	18	19	20	21	22	23	24	25	26
Mo	30	Easter Mon 6	13	20	27	4	11	18	Whit 25	1	8	15	22
Tu													
We										TS1			
Th							Ascension						
Fr	G. Friday				1st May								
Sa													
Su													

Recommissioning with beam (Apr 15-17)

Ascension (May 20)

1st May (May 18)

Special physic run (May 22)

TS1 (June 23)

Intensity ramp-up with 50 ns beam (June 24-26)

Scrubbing for 50 ns operation (June 24)

- 8 weeks beam commissioning
- LHCf and VdM ( $\beta^* = 19\text{m}$ ) just before TS1
- TS1 shifted by a week

Scrubbing for 25 ns operation

	July			Aug				Sep						
Wk	27	28	29	30	31	32	33	34	35	36	37	38	39	
Mo	29	6	13	20	27	3	10	17	24	Special physic run	31	7	14	21
Tu														
We	1			MD 1					TS2			MD 2		
Th					Intensity ramp-up with 25 ns beam							Jeune G		
Fr														
Sa						1								
Su												lower beta*		

End physics [06:00]

	Oct			Nov				Dec						
Wk	40	41	42	43	44	45	46	47	48	49	50	51	52	
Mo	28	5	12	19	26	2	9	16	23	30	7	14	21	
Tu								Ions setup				Technical stop		
We							TS3							
Th										IONS				
Fr						MD 3								Xmas
Sa														
Su														

- 4 day floating MD removed
- Otherwise as was

# LHC schedule 2015 version 1.1

Phase	Days	
Initial Commissioning	56	
Scrubbing (for 50 and 25 ns)	23	
Early LHCf/VdM1	5	
<b>Proton physics 50 ns</b>	<b>9 + 19</b>	
<b>Proton physics 25 ns – phase 1</b>	<b>30</b>	
<b>Change in beta*</b>	<b>5</b>	
<b>Proton physics phase 2 (including ramp-up)</b>	<b>48</b>	<b>- 10</b>
Special physics runs (TOTEM/VdM2)	7	
Intermediate energy run - to be scheduled		
MD	15	<b>- 4</b>
Technical stops	15	
Technical stop recovery	6	
Ion setup/Ion run	4 + 24	
<b>Total</b>	<b>266 (38 weeks)</b>	

