

**Cycle 9
Beam Operations: January to June 2009**

	Su	Mo	T	W	Th	F	S		Su	Mo	T	W	Th	F	S	
January, 2009					1 (stat)	2	3		April, 2009				1	2	3	4
Run 49					X	M	M		00:00 - 08:00				M	M	M	M
00:00 - 08:00					X	M	M		08:00 - 16:00				M	M	M	M
08:00 - 16:00					X	M	M		16:00 - 24:00				M	M	M	M
16:00 - 24:00																
	4	5	6	7	8	9	10			5	6	7	8	9	10 (stat.)	11
00:00 - 08:00	M	M	M	NS	N	N	N		00:00 - 08:00	M	M	M	M	M	M	M
08:00 - 16:00	M	D	D	DS	N	N	N		08:00 - 16:00	M	M	M	M	M	M	M
16:00 - 24:00	M	D	D	N	N	N	N		16:00 - 24:00	M	M	M	M	M	M	M
	11	12	13	14	15	16	17			12	13	14	15	16	17	18
00:00 - 08:00	N	N	NS	N	N	N	N		00:00 - 08:00	M	M	M	M	M	M	M
08:00 - 16:00	N	D	N	N	N	N	N		08:00 - 16:00	M	M	M	M	M	M	M
16:00 - 24:00	N	DS	N	N	N	N	N		16:00 - 24:00	M	M	M	M	M	M	M
	18	19	20	21	22	23	24			19	20	21	22	23	24	25
00:00 - 08:00	N	N	NS	N	N	N	N		00:00 - 08:00	M	M	M	M	M	M	M
08:00 - 16:00	N	D	N	N	N	N	N		08:00 - 16:00	M	M	M	M	M	M	M
16:00 - 24:00	N	DS	N	N	N	N	N		16:00 - 24:00	M	M	M	M	M	M	M
	25	26	27	28	29	30	31			26	27	28	29	30		
00:00 - 08:00	N	N	M	M	NS	N	N		00:00 - 08:00	M	M	M	M	M		
08:00 - 16:00	N	M	M	D	N	N	N		08:00 - 16:00	M	M	M	M	M		
16:00 - 24:00	N	M	M	D	N	N	N		16:00 - 24:00	M	M	M	M	M		
February, 2009									May, 2009							
Run 50	1	2	3	4	5	6	7		Run 52					1	2	
00:00 - 08:00	N	N	NS	N	N	N	N		00:00 - 08:00					M	M	
08:00 - 16:00	N	D	N	N	N	N	N		08:00 - 16:00					D	D	
16:00 - 24:00	N	DS	N	N	N	N	N		16:00 - 24:00					D	D	
	8	9	10	11	12	13	14			3	4	5	6	7	8	9
00:00 - 08:00	N	N	NS	N	N	N	N		00:00 - 08:00	NS	NS	NS	NS	NS	NS	NS
08:00 - 16:00	N	D	N	N	N	N	N		08:00 - 16:00	NS	D	DS	NS	NS	NS	NS
16:00 - 24:00	N	D	N	N	N	N	N		16:00 - 24:00	NS	DS	NS	NS	NS	NS	NS
	15	16 (stat.)	17	18	19	20	21			10	11	12	13	14	15	16
00:00 - 08:00	N	N	NS	N	N	N	N		00:00 - 08:00	NS	N	NS	SB	N	N	N
08:00 - 16:00	N	DS	N	N	N	N	N		08:00 - 16:00	N	D	SB	N	N	N	N
16:00 - 24:00	N	D	N	N	N	N	N		16:00 - 24:00	N	D	SB	N	N	N	N
	22	23	24	25	26	27	28			17	18 (stat.)	19	20	21	22	23
00:00 - 08:00	N	N	M	M	NS	N	N		00:00 - 08:00	N	N	NS	N	N	N	N
08:00 - 16:00	N	M	M	D	N	N	N		08:00 - 16:00	N	D	N	N	N	N	N
16:00 - 24:00	N	M	M	D	N	N	N		16:00 - 24:00	N	DS	N	N	N	N	N
									Run 53	24	25	26	27	28	29	30
00:00 - 08:00									00:00 - 08:00	N	N	M	M	NS	N	N
08:00 - 16:00									08:00 - 16:00	N	M	M	D	N	N	N
16:00 - 24:00									16:00 - 24:00	N	M	M	D	N	N	N
										31						
00:00 - 08:00									00:00 - 08:00	N						
08:00 - 16:00									08:00 - 16:00	N						
16:00 - 24:00									16:00 - 24:00	N						
March, 2009									June, 2009							
Run 51	1	2	3	4	5	6	7		Run 54	1	2	3	4	5	6	
00:00 - 08:00	N	N	NS	N	N	N	N		00:00 - 08:00	N	NS	N	N	N	N	
08:00 - 16:00	N	D	N	N	N	N	N		08:00 - 16:00		D	N	N	N	N	
16:00 - 24:00	N	DS	N	N	N	N	N		16:00 - 24:00		DS	N	N	N	N	
	8	9	10	11	12	13	14			7	8	9	10	11	12	13
00:00 - 08:00	N	N	NS	N	N	N	N		00:00 - 08:00	N	N	NS	N	N	N	N
08:00 - 16:00	N	D	N	N	N	N	N		08:00 - 16:00	N	D	N	N	N	N	N
16:00 - 24:00	N	D	N	N	N	N	N		16:00 - 24:00	N	DS	N	N	N	N	N
	15	16	17	18	19	20	21			14	15	16	17 (AUM)	18 (AUM)	19	20
00:00 - 08:00	N	N	NS	N	N	N	N		00:00 - 08:00	N	N	N	N	M	N	N
08:00 - 16:00	N	DS	N	N	N	N	N		08:00 - 16:00	N	N	N	D	D	N	N
16:00 - 24:00	N	D	N	N	N	N	N		16:00 - 24:00	N	N	N	D	D	N	N
	22	23	24	25	26	27	28			21	22	23	24	25	26	27
00:00 - 08:00	N	N	M	M	M	M	M		00:00 - 08:00	N	N	N	N	N	N	N
08:00 - 16:00	N	M	M	M	M	M	M		08:00 - 16:00	N	N	N	N	N	N	N
16:00 - 24:00	N	M	M	M	M	M	M		16:00 - 24:00	N	N	N	N	N	N	N
	29	30	31							28	29	30				
00:00 - 08:00	M	M	M						00:00 - 08:00	N	N	D-CSR				
08:00 - 16:00	M	M	M						08:00 - 16:00	N	NS	M				
16:00 - 24:00	M	M	M						16:00 - 24:00	N	D-CSR	M				

3
150
34
12
303
36
3
541

X	Shut Down Mode: Beam Off
M	Maintenance Mode
D	Development Mode (Machine Studies) (HSE & Sr. Operator)
DS	Development Mode (Special Beamline Development (current TBA)) (HSE & Sr. Operator)
N	Normal Mode (Beam On (current 250 mA))
NS	Normal Mode (Special Beamline Requests/Commissioning (current TBA))
SB	Single Bunch (Feb. 10-11; May 12-13)