

**Beam Operations
July to December 2008 (Cycle 8)**

	Su	Mo	T	W	Th	F	S		Su	Mo	T	W	Th	F	S	
July, 2008			1 (stat)	2	3	4	5		October, 2008				1	2	3	4
Run 44			M	M	M	M	M		00:00 - 08:00				M	M	M	M
00:00 - 08:00			M	M	M	D	N		08:00 - 16:00				M	M	M	M
08:00 - 16:00			M	M	D	D	N		16:00 - 24:00				M	M	M	M
16:00 - 24:00	6	7	8	9	10	11	12			5	6	7	8	9	10	11
00:00 - 08:00	N	N	N	N	N	N	N		00:00 - 08:00	M	M	M	M	M	M	M
08:00 - 16:00	N	N	N	N	N	N	N		08:00 - 16:00	M	M	M	M	M	M	M
16:00 - 24:00	N	D	DS	N	N	N	N		16:00 - 24:00	M	M	M	M	M	M	M
	13	14	15	16	17	18	19			12	13 (stat)	14	15	16	17	18
00:00 - 08:00	N	N	SB	N	N	N	N		00:00 - 08:00	M	M	M	M	M	M	M
08:00 - 16:00	N	D	SB	N	N	N	N		08:00 - 16:00	M	M	M	M	M	M	M
16:00 - 24:00	N	SB	DS	DS	N	N	N		16:00 - 24:00	M	M	M	M	M	M	M
	20	21	22	23	24	25	26		Run 47	19	20	21	22	23	24	25
00:00 - 08:00	N	N	N	N	N	N	N		00:00 - 08:00	M	M	M	M	M	M	NS
08:00 - 16:00	N	D	DS	N	N	N	N		08:00 - 16:00	M	M	D	M	M	D	D
16:00 - 24:00	N	D	N	N	N	N	N		16:00 - 24:00	M	M	M	M	D	D	D
	27	28	29	30	31				(current limitations???)	26	27	28	29	30	31	
00:00 - 08:00	N	N	N	N	N				00:00 - 08:00	NS	NS	NS	NS	N	N	
08:00 - 16:00	N	N	N	N	N				08:00 - 16:00	D	D	DS	DS	N	N	
16:00 - 24:00	N	N	N	N	N				16:00 - 24:00	D	D	NS	N	N	N	
August, 2008						F	S		November, 2008							S
						1	2									1
00:00 - 08:00						N	M		00:00 - 08:00							N
08:00 - 16:00						M	M		08:00 - 16:00							N
16:00 - 24:00						M	M		16:00 - 24:00							N
Run 45	3	4 (stat)	5	6 (Teacher's Workshop)	7 (Teacher's Workshop)	8 (Teacher's Workshop)	9		(current limitations???)	2	3	4	5	6	7	8
00:00 - 08:00	M	M	M	M	DS	N	N		00:00 - 08:00	N	N	NS	N	N	N	N
08:00 - 16:00	M	M	M	D	DS	N	N		08:00 - 16:00	N	D	DS	N	N	N	N
16:00 - 24:00	M	M	D	D	N	N	N		16:00 - 24:00	N	D	N	N	N	N	N
	10	11	12	13	14	15	16			9	10	11 (stat)	12	13	14	15
00:00 - 08:00	N	N	N	N	N	N	N		00:00 - 08:00	N	N	NS	N	N	N	N
08:00 - 16:00	N	D	DS	N	N	N	N		08:00 - 16:00	N	D	DS	N	N	N	N
16:00 - 24:00	N	D	DS	N	N	N	N		16:00 - 24:00	N	D	N	N	N	N	N
	17	18 (Summer School)	19 (Summer School)	20 (Summer School)	21 (Summer School)	22 (Summer School)	23		Run 48	16	17	18	19	20	21	22
00:00 - 08:00	N	N	N	N	N	N	N		00:00 - 08:00	N	N	M	M	NS	N	N
08:00 - 16:00	N	D	D	N	N	N	N		08:00 - 16:00	N	M	M	M	DS	N	N
16:00 - 24:00	N	D	D	N	N	N	N		16:00 - 24:00	N	M	M	D	N	N	N
	24	25	26	27	28	29	30			23	24	25	26	27	28	29
00:00 - 08:00	N	N	NS	N	N	N	M		00:00 - 08:00	N	N	N	N	N	N	N
08:00 - 16:00	N	D	DS	N	N	N	M		08:00 - 16:00	N	D	N	N	N	N	N
16:00 - 24:00	N	D	DS	N	N	N	M		16:00 - 24:00	N	D	N	N	N	N	N
	31									30						
00:00 - 08:00	M								00:00 - 08:00	N						
08:00 - 16:00	M								08:00 - 16:00	N						
16:00 - 24:00	M								16:00 - 24:00	N						
September, 2008			1 (stat)	2	3	4	5	6	December, 2008		1	2	3	4	5	6
00:00 - 08:00			M	M	M	NS	N	N	00:00 - 08:00		N	NS	N	N	N	N
08:00 - 16:00			M	M	D	DS	N	N	08:00 - 16:00		D	DS	N	N	N	N
16:00 - 24:00			M	D	D	N	N	N	16:00 - 24:00		D	N	N	N	N	N
Run 46	7	8	9	10	11	12	13			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	DS	N	N	N	N		08:00 - 16:00	N	D	DS	N	N	N	N
16:00 - 24:00	N	D	N	N	N	N	N		16:00 - 24:00	N	D	N	N	N	N	N
	14	15	16	17	18	19	20			14	15	16	17	18	19	20
00:00 - 08:00	N	N	SB	N	N	N	N		00:00 - 08:00	N	N	NS	N	N	M	M
08:00 - 16:00	N	D	SB	N	N	N	N		08:00 - 16:00	N	D	DS	N	M	M	M
16:00 - 24:00	N	SB	N	N	N	N	N		16:00 - 24:00	N	D	N	N	M	M	M
	21	22	23	24	25	26	27			21	22	23	24	25 (stat)	26 (stat)	27
00:00 - 08:00	N	N	NS	N	N	N	N		00:00 - 08:00	M	M	M	M	X	X	X
08:00 - 16:00	N	D	DS	N	N	N	N		08:00 - 16:00	M	M	M	M	X	X	X
16:00 - 24:00	N	D	N	N	N	N	N		16:00 - 24:00	M	M	M	X	X	X	X
	28	29	30							28	29	30	31			
00:00 - 08:00	N	N	M						00:00 - 08:00	X	X	X	X			
08:00 - 16:00	N	M	M						08:00 - 16:00	X	X	X	X			
16:00 - 24:00	N	M	M						16:00 - 24:00	X	X	X	X			

Code	Description
22	X Shut Down Mode: Beam Off
135	M Maintenance Mode
49	D Development Mode (Machine Studies) (HSE & Sr. Operator)
21	DS Development Mode (Special Beamline Development (current TBA)) (HSE & Sr. Operator)
303	N Normal Mode (Beam On (current 250 mA))
16	NS Normal Mode (Special Beamline Requests/Commissioning (current TBA))
6	SB Single Bunch (July 14-15; Sept. 15-16)
552	