

Cycle 32
Beam Operations: July - December 2020

	Su	Mo	T	W	Th	F	S		Su	Mo	T	W	Th	F	S		Su	Mo	T	W	Th	F	S
July				1 STAT	2	3	4	August							1	September			1	2	3	4	5
00:00 - 08:00				M	M	D	D	00:00 - 08:00							N	00:00 - 08:00			D	N	N	N	N
08:00 - 16:00				M	MV	D	D	08:00 - 16:00							N	08:00 - 16:00			N	N	N	N	N
16:00 - 24:00				M	D	D	D	16:00 - 24:00							N	16:00 - 24:00			N	N	N	N	N
	5	6	7	8	9	10	11		2	3 STAT	4	5	6	7	8		6	7 STAT	8	9	10	11	12
00:00 - 08:00	D	D	D	D	D	D	D	00:00 - 08:00	N	N	N	D	N	N	N	00:00 - 08:00	N	N	N	D	N	N	N
08:00 - 16:00	D	D	D	D	D	D	D	08:00 - 16:00	N	N	M	N	N	N	N	08:00 - 16:00	N	N	M	N	N	N	N
16:00 - 24:00	D	D	D	D	D	D	D	16:00 - 24:00	N	N	D	N	N	N	N	16:00 - 24:00	N	N	D	N	N	N	N
	12	13	14	15	16	17	18		9	10	11	12	13	14	15		13	14	15	16	17	18	19
00:00 - 08:00	D	D	D	D	D	D	D	00:00 - 08:00	N	N	D	N	N	D	D	00:00 - 08:00	N	N	D	N	N	N	N
08:00 - 16:00	D	D	D	D	D	D	D	08:00 - 16:00	N	M	N	N	D	D	M	08:00 - 16:00	N	M	N	N	N	N	N
16:00 - 24:00	D	D	D	D	D	D	D	16:00 - 24:00	N	D	N	N	D	D	M	16:00 - 24:00	N	D	N	N	N	N	N
	19	20	21	22	23	24	25		16	17	18	19	20	21	22		20	21	22	23	24	25	26
00:00 - 08:00	D	D	D	N	N	N	N	00:00 - 08:00	M	M	M	M	M	M	M	00:00 - 08:00	N	N	D	N	N	N	N
08:00 - 16:00	D	M	N	N	N	N	N	08:00 - 16:00	M	M	M	M	M	MV	D	08:00 - 16:00	N	M	N	N	N	N	N
16:00 - 24:00	D	D	N	N	N	N	N	16:00 - 24:00	M	M	M	M	M	M	D	16:00 - 24:00	N	D	N	N	N	N	N
	26	27	28	29	30	31			23	24	25	26	27	28	29		27	28	29	30			
00:00 - 08:00	N	N	D	N	N	N		00:00 - 08:00	D	D	D	N	N	N	N	00:00 - 08:00	N	N	D	D			
08:00 - 16:00	N	M	N	N	N	N		08:00 - 16:00	D	M	D	N	N	N	N	08:00 - 16:00	N	D	D	D			
16:00 - 24:00	N	D	N	N	N	N		16:00 - 24:00	D	D	D	N	N	N	N	16:00 - 24:00	N	D	D	D			
									30	31													
									00:00 - 08:00	N	N												
									08:00 - 16:00	N	M												
									16:00 - 24:00	N	D												
October					1	2	3	November	1	2	3	4	5	6	7	December			1	2	3	4	5
00:00 - 08:00					D	D	D	00:00 - 08:00	M	M	M	M	M	M	M	00:00 - 08:00			M	M	M	M	M
08:00 - 16:00					D	D	D	08:00 - 16:00	M	M	M	M	M	M	M	08:00 - 16:00			M	M	M	M	M
16:00 - 24:00					D	D	D	16:00 - 24:00	M	M	M	M	M	M	M	16:00 - 24:00			M	M	M	M	M
	4	5	6	7	8	9	10		8	9	10	11 STAT	12	13	14		6	7	8	9	10	11	12
00:00 - 08:00	D	D	D	D	D	D	D	00:00 - 08:00	M	M	M	M	M	M	M	00:00 - 08:00	M	M	D	D	D	D	D
08:00 - 16:00	D	D	D	D	D	D	D	08:00 - 16:00	M	M	M	M	M	M	M	08:00 - 16:00	M	MVL	D	D	D	D	D
16:00 - 24:00	D	D	D	D	D	D	D	16:00 - 24:00	M	M	M	M	M	M	M	16:00 - 24:00	M	D	D	D	D	D	D
	11	12 STAT	13	14	15	16	17		15	16	17	18	19	20	21		13	14	15	16	17	18	19
00:00 - 08:00	D	D	D	D	M	M	M	00:00 - 08:00	M	M	M	M	M	M	M	00:00 - 08:00	D	D	D	D	D	D	D
08:00 - 16:00	D	D	D	M	M	M	M	08:00 - 16:00	M	M	M	M	M	M	M	08:00 - 16:00	D	D	D	D	D	D	D
16:00 - 24:00	D	D	D	M	M	M	M	16:00 - 24:00	M	M	M	M	M	M	M	16:00 - 24:00	D	D	D	D	D	D	D
	18	19	20	21	22	23	24		22	23	24	25	26	27	28		20	21	22	23	24	25	26
00:00 - 08:00	M	M	M	M	M	M	M	00:00 - 08:00	M	M	M	M	M	M	M	00:00 - 08:00	D	D	D	D	M	X	X
08:00 - 16:00	M	M	M	M	M	M	M	08:00 - 16:00	M	M	M	M	M	M	M	08:00 - 16:00	D	D	D	M	M	X	X
16:00 - 24:00	M	M	M	M	M	M	M	16:00 - 24:00	M	M	M	M	M	M	M	16:00 - 24:00	D	D	D	M	X	X	X
	25	26	27	28	29	30	31		29	30							27	28	29	30	31		
00:00 - 08:00	M	M	M	M	M	M	M	00:00 - 08:00	M	M						00:00 - 08:00	X	X	X	X	X		
08:00 - 16:00	M	M	M	M	M	M	M	08:00 - 16:00	M	M						08:00 - 16:00	X	X	X	X	X		
16:00 - 24:00	M	M	M	M	M	M	M	16:00 - 24:00	M	M						16:00 - 24:00	X	X	X	X	X		

22	X	Shut Down Mode: Beam Off	0	22
198	M	Maintenance Mode	32	166
2	MV	Verification Shift (No scheduled maintenance work; verification before start-up)	2	0
179	D	Development Mode (Machine Studies) (HSE & Operator)	92	87
0	DS	Development Mode (Special Beamline Development (current TBA)) (HSE & Operator)	0	0
0	DST	Development Mode (Top-Up Testing)	0	0
0	D-CSR	Development Mode (Special Beamline Development (current TBA)) (HSE & Operator)	0	0
144	N	Normal Mode (Beam On (current 250 mA))	144	0
0	NS	Normal Mode (Special Beamline Requests/Commissioning (current TBA))	0	0
0	NST	Normal Mode (Special for Top-Up Testing)	0	0
0	M0	No planned activities. Facility formally in Maintenance Mode.	0	0

Task	Shift Requirements	Start Date	End Date
MV (linac)	1 shift		
Linac conditioning	2 weeks		
MV	1 shift		
Linac Set up	1 week		
LTB/BR set up	1 shift		
BTS commissioning	5 days		
Top-up Tests			
Maintenance	4 shifts		

Approved w/ Dec: October 1, 2020
Revised: September 3, 2020