January - April 2023 (2023-1)

0	Accelerator Operations
S	Studies
М	Maintenance

С	Commissioning
	Interlock Certification
_	Classifications

	Lab Holiday
N	Monday

ı	Daylight Savings Times start/end

		Ja	anuary	-23		
Day			Half :	Shifts		
	0-4	4-8	8-12	12-16	16-20	20-24
1	D	D	D	D	D	D
2	D	D	D	D	D	D
3	D	D	D	D	D	D
4	D	D	D	D	D	D
5	D	D	D	D	D	D
6	D	D	D	D	D	D
7	D	D	D	D	D	D
8	D	D	D	D	D	D
9	D	D	D	D	D	D
10	D	D	D	D	D	D
11	D	D	D	D	D	D
12	D	D	D	D	D	D
13	D	D	D	D	D	D
14	D	D	D	D	D	D
15	D	D	D	D	D	D
16	D	D	S	S	S	S
17	S	S	S	S	S	S
18	S	S	S	S	S	S
19	S	S	0	0	0	0
20	0	0	0	0	0	0
21	0	0	0	0	0	0
22	0	0	0	0	0	0
23	0	0	0	0	0	0
24	0	O/M	M	M	M	М
25	М	М	М	M	M/S	S
26	S	S	0	0	0	0
27	0	0	0	0	0	0
28	0	0	0	0	0	0
29	0	0	0	0	0	0
30	0	0	0	0	0	0
31	0	0	0	0	0	0

	February-23									
Day		Half Shifts								
	0-4	4-8	8-12	12-16	16-20	20-24				
1	0	0	0	0	0	0				
2	0	0	0	0	0	0				
3	0	0	1	- 1	S	S				
4	S	S	S	S	S	S				
5	S	S	S	S	S	S				
6	S	S	0	0	0	0				
7	0	0	0	0	0	0				
8	0	0	0	0	0	0				
9	0	0	0	0	0	0				
10	0	0	0	0	0	0				
11	0	0	0	0	0	0				
12	0	0	0	0	0	0				
13	0	0	0	0	0	0				
14	0	O/M	M	M	M	M				
15	М	М	М	M	M/S	S				
16	S	S	0	0	0	0				
17	0	0	0	0	0	0				
18	0	0	0	0	0	0				
19	0	0	0	0	0	0				
20	0	0	0	0	0	0				
21	0	0	0	0	0	0				
22	0	0	0	0	0	0				
23	0	0	0	0	0	0				
24	0	0	- 1	- 1	S	S				
25	S	S	S	S	S	S				
26	S	S	S	S	S	S				
27	S	S	0	0	0	0				
28	0	0	0	0	0	0				

	March-23								
Day			Half	Shifts					
	0-4	4-8	8-12	12-16	16-20	20-24			
1	0	0	0	0	0	0			
2	0	0	0	0	0	0			
3	0	0	0	0	0	0			
4	0	0	0	0	0	0			
5	0	0	0	0	0	0			
6	0	0	0	0	0	0			
7	0	O/M	M	М	М	М			
8	М	M	M	М	M/S	S			
9	S	S	0	0	0	0			
10	0	0	0	0	0	0			
11	0	0	0	0	0	0			
12	0	0	0	0	0	0			
13	0	0	0	0	0	0			
14	0	0	0	0	0	0			
15	0	0	0	0	0	0			
16	0	0	0	0	0	0			
17	0	0	- 1	- 1	S	S			
18	S	S	S	S	S	S			
19	S	S	S	S	S	S			
20	S	S	0	0	0	0			
21	0	0	0	0	0	0			
22	0	0	0	0	0	0			
23	0	0	0	0	0	0			
24	0	0	0	0	0	0			
25	0	0	0	0	0	0			
26	0	0	0	0	0	0			
27	0	0	0	0	0	0			
28	0	O/M	М	М	М	М			
29	М	М	М	М	M/S	S			
30	S	S	0	0	0	0			
31	0	0	0	0	0	0			

			April-2	23		
Day			Half S	Shifts		
	0-4	4-8	8-12	12-16	16-20	20-24
1	0	0	0	0	0	0
2	0	0	0	0	0	0
3	0	0	0	0	0	0
4	0	0	0	0	0	0
5	0	0	0	S	S	S
6	S	S	D	D	D	D
7	D	D	D	D	D	D
8	D	D	D	D	D	D
9	D	D	D	D	D	D
10	D	D	D	D	D	D
11	D	D	D	D	D	D
12	D	D	D	D	D	D
13	D	D	D	D	D	D
14	D	D	D	D	D	D
15	D	D	D	D	D	D
16	D	D	D	D	D	D
17	D	D	D	D	D	D
18	D	D	D	D	D	D
19	D	D	D	D	D	D
20	D	D	D	D	D	D
21	D	D	D	D	D	D
22	D	D	D	D	D	D
23	D	D	D	D	D	D
24	D	D	D	D	D	D
25	D	D	D	D	D	D
26	D	D	D	D	D	D
27	D	D	D	D	D	D
28	D	D	D	D	D	D
29	D	D	D	D	D	D
30	D	D	D	D	D	D

September – December 2022 (2022-3)

0	Accelerator Operations	С	Commissioning			Lab Holiday		Daylight Savings Times start/end	
S	Studies	- 1	Interlock Certification		N	Monday			
М	Maintenance	D	Shutdown	l '					

		Ser	otemb	ar_22		
Day		36		Shifts		
Day	0-4	4-8	8-12	12-16	16-20	20-24
1	D	D	D	D	D	D
2	D	D	D	D	D	D
3	D	D	D	D	D	D
4	D	D	D	D	D	D
5	D	D	D	D	D	D
6	D	D	D	D	D	D
7	D	D	D	D	D	D
8	D	D	D	D	D	D
9	D	D	S	S	S	S
10	S	S	S	S	S	S
11	S	S	S	S	S	S
12	S	S	0	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	O/M	М	М	М	M
21	М	М	М	М	M/S	S
22	S	S	0	0	0	0
23	0	0	0	0	0	0
24	0	0	0	0	0	0
25	0	0	0	0	0	0
26	0	0	0	0	0	0
27	0	0	0	0	0	0
28	0	0	0	0	0	0
29	0	0	0	0	0	0
30	0	0	- 1	- 1	S	S

October-22											
Day	Half Shifts										
	0-4	4-8	8-12	12-16	16-20	20-24					
1	S	S	S	S	S	S					
2	S	S	S	S	S	S					
3	S	S	0	0	0	0					
4	0	0	0	0	0	0					
5	0	0	0	0	0	0					
6	0	0	0	0	0	0					
7	0	0	0	0	0	0					
8	0	0	0	0	0	0					
9	0	0	0	0	0	0					
10	0	0	0	0	0						
11	0	O/M	М	М	М	М					
12	М	M	М	M	M/S	S					
13	S	S	0	0	0	0					
14	0	0	0	0	0	0					
15	0	0	0	0	0	0					
16	0	0	0	0	0	0					
17	0	0	0	0	0	0					
18	0	0	0	0	0	0					
19	0	0	0	0	0	0					
20	0	0	0	0	0	0					
21	0	0	- 1	ı	S	S					
22	S	S	S	S	S	S					
23	S	S	S	S	S	S					
24	S	S	0	0	0	0					
25	0	0	0	0	0	0					
26	0	0	0	0	0	0					
27	0	0	0	0	0	0					
28	0	0	0	0	0	0					
29	0	0	0	0	0	0					
30	0	0	0	0	0	0					

November-22											
Day	Pay Half Shifts										
	0-4	4-8	8-12	12-16	16-20	20-24					
1	0	O/M	М	M	М	М					
2	М	M	М	M	M/S	S					
3	S	S	0	0	0	0					
4	0	0	0	0	0	0					
5	0	0	0	0	0	0					
6	0	0	0	0	0	0					
7	0	0	0	0	0	0					
8	0	0	0	0	0	0					
9	0	0	0	0	0	0					
10	0	0	- 1	- 1	S	S					
11	S	S	S	S	S	S					
12	S	S	S	S	S	S					
13	S	S	S	S	S	S					
14	S	S	0	0	0	0					
15	0	0	0	0 0		0					
16	0	0	0	0	0	0					
17	0	0	0	0	0	0					
18	0	0	0	0	0	0					
19	0	0	0	0	0	0					
20	0	0	0	0	0	0					
21	0	0	0	0	0	0					
22	0	O/M	М	М	М	М					
23	М	М	М	М	M/S	S					
24	S	S	S	S	S	S					
25	S	S	S	S	S	S					
26	S	S	S	S	S	S					
27	S	S	S	S	S	S					
28	S	S	0	0	0	0					
29	0	0	0	0	0	0					
30	0	0	0	0	0	0					

		De	cembe	r-22		
Day			Half S	Shifts		
	0-4	4-8	8-12	12-16	16-20	20-24
1	0	0	0	0	0	0
2	0	0	- 1	1	S	S
3	S	S	S	S	S	S
4	S	S	S	S	S	S
5	S	S	0	0	0	0
6	0	0	0	0	0	0
7	0	0	0	0	0	0
8	0	0	0	0	0	0
9	0	0	0	0	0	0
10	0	0	0	0	0	0
11	0	0	0	0	0	0
12	0	0	0	0	0	0
13	0	O/M	М	M	М	M
14	М	Μ	М	M	M/S	S
15	S	S	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0
21	0	0	0	S	S	S
22	S	S	D	D	D	D
23	D	D	D	D	D	D
24	D	D	D	D	D	D
25	D	D	D	D	D	D
26	D	D	D	D	D	D
27	D	D	D	D	D	D
28	D	D	D	D	D	D
29	D	D	D	D	D	D
30	D	D	D	D	D	D
31	D	D	D	D	D	D

May – August 2022 (2022-2)

Operation Status Legend

0	Accelerator Operations
S	Studies
М	Maintenance

С	Commissioning
1	Interlock Certification
_	Classifications

	Lab Holiday
N	Monday

Daylight Savings Times start/end

			May-2	2		
Day	Half Shifts					
	0-4	4-8	8-12	12-16	16-20	20-24
1	D	D	D	D	D	D
2	D	D	D	D	D	D
3	D	D	D	D	D	D
4	D	D	D	D	D	D
5	D	D	D	D	D	D
6	D	D	D	D	D	D
7	D	D	D	D	D	О
8	D	D	D	D	D	D
9	D	D	D	D	D	D
10	D	D	D	D	D	D
11	D	D	D	D	D	D
12	D	D	D	D	D	D
13	D	D	S	S	S	S
14	S	S	S	S	S	S
15	S	S	S	S	S	S
16	S	S	S	S	S	S
17	S	S	S	S	S	S
18	S	S	S	S	S	S
19	S	S	0	0	0	0
20	0	0	0	0	0	0
21	0	0	0	0	0	0
22	0	0	0	0	0	0
23	0	0	0	0	0	0
24	0	O/M	М	М	М	М
25	М	М	М	М	M/S	S
26	S	S	0	0	0	0
27	0	0	0	0	0	0
28	0	0	0	0	0	0
29	0	0	0	0	0	0
30	0	0	0	0	0	0
31	0	0	0	0	0	0

June-22						
Day			Half :	Shifts		
	0-4	4-8	8-12	12-16	16-20	20-24
1	0	0	0	0	0	0
2	0	0	0	0	0	0
3	0	0	- 1	1	S	S
4	S	S	S	S	S	S
5	S	S	S	S	S	S
6	S	S	0	0	0	0
7	0	0	0	0	0	0
8	0	0	0	0	0	0
9	0	0	0	0	0	0
10	0	0	0	0	0	0
11	0	0	0	0	0	0 0 0
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	O/M	М	М	М	М
15	М	М	M	М	M/S	S
16	S	S	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	О	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0
21	0 0	0	0	0	0	0 0 0 0
22	0	0	0	0	0	0
23	0	0	0	0	0	0
24	0	0	- 1	- 1	S	S
25	S	S	S	S	S S	S
26	S	S	S	S	S	S
27	S	S	0	0	0	S S S
28	0	0	0		0	0
29	0 0	0	0	0 0	0	0 0
30	0	0	0	0	0	0

July-22						
Day Half Shifts						
	0-4	4-8	8-12	12-16	16-20	20-24
1	0	0	0	0	0	0
2	0	0	0	0	0	0
3	0	0	0	0	0	0
4	0	0	0	0	0	0
5	0	O/M	М	М	М	М
6	Μ	M	М	М	M/S	S
7	S	S	0	0	0	0
8	0	0	0	0	0	0
9	0	0	0	0	0	0
10	0	0	0	0	0	0
11	0	0	0	0	0	0
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	- 1	- 1	S	S
16	S	S	S	S	S	S
17	S	S	S	S	S	S
18	S	S	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0
21	0	0	0	0	0	0
22	0	0	0	0	0	0
23	0	0	0	0	0	0
24	0	0	0	0	0	0
25	0	0	0	0	0	0
26	0	O/M	М	М	М	М
27	М	M	М	М	M/S	S
28	S	S	0	0	0	0
29	0	0	0	0	0	0
30	0	0	0	0	0	0
31	0	0	О	0	0	0

August-22						
Day	Half Shifts					
	0-4	4-8	8-12	12-16	16-20	20-24
1	0	0	0	0	0	0
2	0	0	0	0	0	0
3	0	0	0	0	0	0
4	0	0	0	0	0	0
5	0	0	- 1	1	S	S
6	S	S	S	S	S	S
7	S	S	S	S	S	S
8	S	S	0	0	0	0
9	0	0	0	0	0	0
10	0	0	0	0	0	0
11	0	0	0	0	0	0
12	0	0	0	0	0	0
13	0	0	0	0	S	S
14	S	S	S	S	S	S
15	S	S	D	D	D	D
16	D	D	D	D	D	D
17	D	D	D	D	D	D
18	D	D	D	D	D	D
19	D	D	D	D	D	D
20	D	D	D	D	D	D
21	D	D	D	D	D	D
22	D	D	D	D	D	D
23	D	D	D	D	D	D
24	D	D	D	D	D	D
25	D	D	D	D	D	D
26	D	D	D	D	D	D
27	D	D	D	D	D	D
28	D	D	D	D	D	D
29	D	D	D	D	D	D
30	D	D	D	D	D	D
31	D	D	D	D	D	D

January - April 2022 (2022-1)

0	Accelerator Operations
S	Studies
М	Maintenance

С	Commissioning
1	Interlock Certification
D	Shutdown

	Lab Holiday
N	Monday

Daylight Savings Times start/end

	January-22											
Day			Half S	Shifts								
	0-4	4-8	8-12	12-16	16-20	20-24						
1	D	D	D	D	D	D						
2	D	D	D	D	D	D						
3	D	D	D	D	D	D						
4	D	D	D	D	D	D						
5	D	D	D	D	D	D						
6	D	D	D	D	D	D						
7	D	D	D	D	D	D						
8	D	D	D	D	D	D						
9	D	D	D	D	D	D						
10	D	D	D	D	D	D						
11	D	D	D	D	D	D						
12	D	D	D	D	D	D						
13	D	D	D	D	D	D						
14	D	D	S	S	S	S						
15	S	S	S	S	S	S						
16	S	S	S	S	S	S						
17	S	S	S	S	S	S						
18	S	S	S	S	S	S						
19	S	S	S	S	S	S						
20	S	S	0	0	0	0						
21	0	0	0	0	0	0						
22	0	0	0	0	0	0						
23	0	0	0	0	0	0						
24	0	0	0	0	0	0						
25	0	0	0	0	0	0						
26	0	0	0	0	0	0						
27	0	0	0	0	0	0						
28	0	0	- 1	- 1	S	S						
29	S	S	S	S	S	S						
30	S	S	S	S	S	S						
31	S	S	0	0	0	0						

		Fe	bruary	/-22		
Day			Half	Shifts		
	0-4	4-8	8-12	12-16	16-20	20-24
1	0	0	0	0	0	0
2	0	0	0	0	0	0
3	0	0	0	0	0	0
4	0	0	0	0	0	0 0 0 0
5	0	0	0	0	0	0
6	0	0	0	0	0	0
7	0	0	0	0	0	0
8	0	O/M	М	М	М	M
9	М	М	M	М	M/S	S O
10	S	S	O	0	0	0
11	0	0	0	0	0	0
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	- 1	- 1	S	S
19	S	S	S	S	S	S
20	S	S	S	S	S	S
21	S	S	0	0	0	0
22	0	0	0 0 0	0	0	0 0
23	0	0	0	0	0	0
24	0	0	0	0	0	0
25	0	0		0	0	0 0
26	0	0	0	0	0	
27	0	0	0	0	0	0
28	0	0	0	0	0	0

		N	March-	22		
Day			Half :	Shifts		
	0-4	4-8	8-12	12-16	16-20	20-24
1	0	O/M	М	М	М	М
2	М	М	М	М	M/S	S
3	S	S	0	0	0	0
4	0	0	0	0	0	0
5	0	0	0	0	0	0
6	0	0	0	0	0	
7	0	0	0	0	0	0
8	0	0	0	0	0	0
9	0	0	0	0	0	0
10	0	0	0	0	0	0
11	0	0	- 1	- 1	S	S
12	S	S	S	S	S	S
13	S	S	S	S	S	S
14	S	S	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0
21	0	0	0	0	0	0
22	0	O/M	М	М	М	М
23	Μ	М	М	М	M/S	S
24	S	S	0	0	0	0
25	0	0	0	0	0	0
26	0	0	0	0	0	0
27	0	0	0	0	0	0
28	0	0	0	0	0	0
29	0	0	0	0	0	0
30	0	0	0	0	0	0
31 0 0		0	0	0	0	

April-22											
Day			Half S	Shifts							
	0-4	4-8	8-12	12-16	16-20	20-24					
1	0	0	- 1	- 1	S	S					
2	S	S	S	S	S	S					
3	S	S	S	S	S	S					
4	S	S	0	0	0	0					
5	0	0	0	0	0	0					
6	0	0	0	0	0	0					
7	0	0	0	0	0	0					
8	0	0	0	0	S	S					
9	S	S	S	S	S	S					
10	S	S	S	S	S	S					
11	S	S	D	D	D	D					
12	D	D	D	D	D	D					
13	D	D	D	D	D	D					
14	D	D	D	D	D	D					
15	D	D	D	D	D	D					
16	D	D	D	D	D	D					
17	D	D	D	D	D	D					
18	D	D	D	D	D	D					
19	D	D	D	D	D	D					
20	D	D	D	D	D	D					
21	D	D	D	D	D	D					
22	D	D	D	D	D	D					
23	D	D	D	D	D	D					
24	D	D	D	D	D	D					
25	D	D	D	D	D	D					
26	D	D	D	D	D	D					
27	D	D	D	D	D	D					
28	D	D	D	D	D	D					
29	D	D	D	D	D	D					
30	D	D	D	D	D	D					

September – December 2021 (2021-3)

0	Accelerator Operations	С	Commissioning		Lab Holiday	Daylight Savings Times start/end
S	Studies	- 1	Interlock Certification	N	Monday	
М	Maintenance	D	Shutdown			

	September-21										
Day			Half S	Shifts							
	0-4	4-8	8-12	12-16	16-20	20-24					
1	D	D	D	D	D	D					
2	D	D	D	D	D	D					
3	D	D	S	S	S	S					
4	S	S	S	S	S	S					
5	S	S	S	S	S	S					
6	S	S	S	S	S	S					
7	S	S	0	0	0	0					
8	0	0	0	0	0	0					
9	0	0	0	0	0	0					
10	0	0	0	0	0	0					
11	0	0	0	0	0	0					
12	0	0	0	0	0	0					
13	0	0	0	0	0	0					
14	0	O/M	М	М	Μ	М					
15	Μ	М	М	М	M/S	S					
16	S	S	0	0	0	0					
17	0	0	0	0	0	0					
18	0	0	0	0	0	0					
19	0	0	0	0	0	0					
20	0	0	0	0	0	0					
21	0	0	0	0	0	0					
22	0	0	0	0	0	0					
23	0	0	0	0	0	0					
24	0	0	- 1	- 1	S	S					
25	S	S	S	S	S	S					
26	S	S	S	S	S	S					
27	S	S	0	0	0	0					
28	0	0	0	0	0	0					
29	0	0	0	0	0	0					
30	0	0	0	0	0	0					

October-21											
Day			Half :	Shifts							
	0-4	4-8	8-12	12-16	16-20	20-24					
1	0	0	0	0	0	0					
2	0	0	0	0	0	0					
3	0	0	0	0	0	0					
4	0	0	0	0	0	0					
5	0	O/M	М	M	М	М					
6	М	М	М	М	M/S	S					
7	S	S	0	0	0	0					
8	0	0	0	0		0					
9	0	0	0	0	0	0					
10	0	0	0	0	0	0					
11	0	0	0	0	0	0					
12	0	0	0	0	0	0					
13	0	0	0	0	0	0					
14	0	0	0	0	0	0					
15	0	0	- 1	- 1	S	S					
16	S	S	S	S	S	S					
17	S	S	S	S	S	S					
18	S	S	0	0	0	0					
19	0	0	0	0	0	0					
20	0	0	0	0	0	0					
21	0	0	0	0	0	0					
22	0	0	0	0	0	0					
23	0	0	0	0	0	0					
24	0	0	0	0	0	0					
25	0	0	0	0	0	0					
26	0	O/M	М	М	М	М					
27	М	М	М	М	M/S	S					
28	S	S	0	0	0	0					
29	0	0	0	0	0	0					
30	0	0	0	0	0	0					
21			_		_	_					

		No	vembe	er-21		
Day			Half S	Shifts		
	0-4	4-8	8-12	12-16	16-20	20-24
1	0	0	0	0	0	0
2	0	0	0	0	0	0
3	0	0	0	0	0	0
4	0	О	0	0	0	0
5	0	0	- 1	- 1	S	S
6	S	S	S	S	S	S
7	S	S	S	S	S	S
8	S	S	0	0	0	0
9	0	0	0	0	0	0
10	0	0	0	0	0	0
11	0	0	0	0	0	0
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	O/M	М	М	М	М
17	М	М	М	М	M/S	S
18	S	S	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0
21	0	0	0	0	0	0
22	0	0	0	0	0	0
23	0	0	0	0	0	0
24	0	0	- 1	- 1	S	S
25	S	S	S	S	S	S
26	S	S	S	S	S	S
27	S	S	S	S	S	S
28	S	S	S	S	S	S
29	S	S	0	0	0	0
30	0	0	0	0	0	0

	December-21											
ay			Half S	Shifts								
	0-4	4-8	8-12	12-16	16-20	20-24						
1	0	0	0	0	0	0						
2	0	0	0	0	0	0						
3	0	0	0	0	0	0						
4	0	0	0	0	0	0						
5	0	0	0	0	0	0						
6	0	0	0	0	0	0						
7	0	O/M	М	М	М	М						
8	М	М	М	М	M/S	S						
9	S	S	0	0	0	0						
10	0	0	0	0	0	0						
11	0	0	0	0	0	0						
12	0	0	0	0	0	0						
13	0	0	0	0	0	0						
14	0	0	0	0	0	0						
15	0	0	0	0	0	0						
16	0	0	0	0	0	0						
17	0	0	_	- 1	S	S						
18	S	S	S	S	S	S						
19	S	S	S	S	S	S						
20	S	S	D	D	D	D						
21	D	D	D	D	D	D						
22	D	D	D	D	D	D						
23	D	D	D	D	D	D						
24	D	D	D	D	D	О						
25	D	D	D	D	D	D						
26	D	D	D	D	D	О						
27	D	D	D	D	D	D						
28	D	D	D	D	D	D						
29	D	D	D	D	D	D						
30	D	D	D	D	D	D						
31	D	D	D	D	D	D						

May – August 2021 (2021-2)

0	Accelerator Operations	С	Commissioning		Lab Holiday	Daylight Savings Times start/end
S	Studies	- 1	Interlock Certification	N	Monday	
М	Maintenance	D	Shutdown			

	May-21											
Day			Half :	Shifts								
	0-4	4-8	8-12	12-16	16-20	20-24						
1	S	S	S	S	S	S						
2	S	S	S	S	S	S						
3	S	S	0	0	0	0						
4	0	О	0	0	0	0						
5	0	0	0	0	0	0						
6	0	0	0	0	0	0						
7	0	0	0	0	0	0						
8	0	0	0	0	0	0						
9	0	0	0	0	0	0						
10	0	0	0	0	0	0						
11	0	О/М	М	М	М	М						
12	М	М	М	М	M/S	S						
13	S	S	0	0	0	0						
14	0	0	0	0	0	0						
15	0	0	0	0	0	0						
16	0	0	0	0	0	0						
17	0	0	0	0	0	0						
18	0	0	0	0	0	0						
19	0	0	0	0	0	0						
20	0	0	0	0	0	0						
21	0	0	1	- 1	S	S						
22	S	S	S	S	S	S						
23	S	S	S	S	S	S						
24	S	S	0	0	0	0						
25	0	0	0	0	0	0						
26	0	0	0	0	0	0						
27	0	0	0	0	0	0						
28	0	0	0	0	0	0						
29	0	0	0	0	0	0						
30	0	0	0	0	0	0						
31	0	0	0	0	0	0						

June-21											
Day			Half S	Shifts							
	0-4	4-8	8-12	12-16	16-20	20-24					
1	0	O/M	М	М	М	М					
2	M	М	М	M M		S					
3	S	S	0	0	0	0					
4	0	0	0	0	0	0					
5	0	0	0	0	0	0					
6	0	0	0	0	0	0					
7	0	0	0	0	0	0					
8	0	0	0	0	0	0					
9	0	0	0	0	0	0					
10	0	0	0	0	0	0					
11	0	0	- 1	- 1	S	S					
12	S S S		S	S	S	S					
13			S	S	S	S					
14	S	S	0	0	0	0					
15	0	0	0	0	0	0					
16	0	0	0	0	0	0					
17	0	0	0	0	0	0					
18	0	0	0	0	0	0					
19	0	0	0	0	0	0					
20	0	0	0	0	0	0					
21	0	0	0	0	0	0					
22	0	O/M	М	М	М	М					
23	М	М	М	М	M/S	S					
24	S	S	0	0	0	0					
25	0	0	0	0	0	0					
26	0	0	0	0	0	0					
27	0	0	0	0	0	0					
28	0	0	0	0	0	0					
29	0	0	0	0	0	0					
30	0	0	0	0	0	0					

			July-2	1.		
Day			Half :	Shifts		
	0-4	4-8	8-12	12-16	16-20	20-24
1	0	0	0	0	0	0
2	0	0	1	1	S	S
3	S	S	S	S	S	S
4	S	S	S	S	S	S
5	S	S	0	0	0	0
6	0	0	0	0	0	0
7	0	0	0	0	0	0
8	0	0	0	0	0	0
9	0	0	0	0	0	0 0 0 0
10	0	0	0	0	0	0
11	0	0	0	0	0	
12	0	0	0	0	0	0
13	0	O/M	М	М	М	М
14	М	М	М	М	M/S	S
15	S	S	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0 0
18	0	О	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	
21	0	0	0	0	0	0
22	0	0	0	0	0	0
23	0	0	1	- 1	S	S
24	S	S	S	S	S	S
25	S	S	S	S	S	S
26	S	S	0	0	0	0
27	0	0	0	0	0	0
28	0	0	0	0	0	0
29	0	0	0	0	0	0
30	0	0	0	0	0	0 0 0
31	0	0	0	0	0	0

August-21											
ay			Half 9	Shifts							
	0-4	4-8	8-12	12-16	16-20	20-24					
1	0	0	0	0	0	0					
2	0	0	0	0	0	0					
3	0	О/М	М	М	М	М					
4	М	M	М	М	M/S	S					
5	S	S	0	0	0	0					
6	0	0	0	0	0	0					
7	0	0	0	0	0	0					
8	0	0	0	0	0	0					
9	0	0	0	0	0	0					
10	0	0	0	0	0	0					
11	0	0	S	S	S	S					
12	S	S	D	D	D	D					
13	D	D	D	D	D	D					
14	D	D	D	D	D	D					
15	D	D	D	D	D	D					
16	D	D	D	D	D	D					
17	D	D	D	D	D	D					
18	D	D	D	D	D	D					
19	D	D	D	D	D	D					
20	D	D	D	D	D	D					
21	D	D	D	D	D	D					
22	D	D	D	D	D	D					
23	D	D	D	D	D	D					
24	D	D	D	D	D	D					
25	D	D	D	D	D	D					
26	D	D	D	D	D	D					
27	D	D	D	D	D	D					
28	D	D	D	D	D	D					
29	D	D	D	D	D	D					
30	D	D	D	D	D	D					
31	D	D	D	D	D	D					

January - April 2021 (2021-1)

0	Accelerator Operations	Commissioning			Lab Holiday	Daylight Savings Times start/end
	, 100010101010					
S	Studies	Interlock Certification		Ν	Monday	
М	Maintenance	Shutdown] -			

January-21										
Day			Half	Shifts						
	0-4	4-8	8-12	12-16	16-20	20-24				
1	D	D	D	D	D	D				
2	D	D	D	D	D	D				
3	D	D	D	D	D	D				
4	D	D	D	D	D	D				
5	D	D	D	D	D	D				
6	D	D	D	D	D	D				
7	D	D	D	D	D	D				
8	D	D	D	D	D	D				
9	D	D	D	D	D	D				
10	D	D	D	D	D	D				
11	D	D	D	D	D	D				
12	D	D	D	D	D	D				
13	D	D	D	D	D	D				
14	D	D	D	D	D	D				
15	D	D	D	D	D	D				
16	D	D	D	D	D	D				
17	D	D	D	D	D	D				
18	D	D	D	D	D	D				
19	D	D	D	D	D	D				
20	D	D	D	D	D	D				
21	D	D	S	S	S	S				
22	S	S	S	S	S	S				
23	S	S	S	S	S	S				
24	S	S	S	S	S	S				
25	S	S	S	0	0	0				
26	0	0	0	0	0	0				
27	0	0	0	0	0	0				
28	0	0	0	0	0	0				
29	0	0	0	0	0	0				
30	0	0	0	0	0	0				
31	0	0	0	0	0	0				

February-21										
Day			Half :	Shifts						
	0-4	4-8	8-12	12-16	16-20	20-24				
1	0	0	0	0	0	0				
2	0	O/M	М	M	М	M				
3	М	М	Μ	М	M/S	S				
4	S	S	0	0	0	0				
5	0	0	0	0	0	0				
6	0	0	0	0	0	0				
7	0	0	0	0	0	0				
8	0	0	0	0	0	0				
9	0	0	0	0	0	0				
10	0	0	0	0	0	0				
11	0	0	0	0	0	0				
12	0	0	1	J	S	S				
13	S	S	S	S	S	S				
14	S	S	S	S	S	S				
15	S	S	0	0	0	0				
16	0	0	0	0	0	0				
17	0	0	0	0	0	О				
18	0	0	0	0	0	0				
19	0	0	0	0	0	0				
20	0	0	0	0	0	0				
21	0	0	0	0	0	0				
22	0	0	0	0	0	0				
23	0	O/M	М	М	М	M				
24	М	М	М	М	M/S	S				
25	S	S	0	0	0	0				
26	0	0	0	0	0	0				
27	0	0	0	0	0	0				
28	0	0	0	0	0	0				

March-21											
Day			Half :	Shifts							
	0-4	4-8	8-12	12-16	16-20	20-24					
1	0	0	0	0	0	0					
2	0	0	0	0	0	0					
3	0	0	0	0	0	0					
4	0	0	0	0	0	0					
5	0	0	- 1	1	S	S					
6	S	S	S	S	S	S					
7	S	S	S	S	S	S					
8	S	S	0	0	0	0					
9	0	0	0	0	0	0					
10	0	0	0	0	0	0					
11	0	0	(0)	0	0	0					
12	0	0	0	0	0	0					
13	0	0	0	0	0	0					
14	0	0	0	0	0	0					
15	0	0	0	0	0	0					
16	0	O/M	М	М	М	М					
17	М	М	М	М	M/S	S					
18	S	S	0	0	0	0					
19	0	0	0	0	0	0					
20	0	0	0	0	0	0					
21	0	0	0	0	0	0					
22	0	0	0	0	0	0					
23	0	0	0	0	0	0					
24	0	0	0	0	0	0					
25	0	0	0	0	0	0					
26	0	0	- 1	- 1	S	S					
27	S	S	S	S	S	S					
28	S	S	S	S	S	S					
29	S	S	D	D	D	D					
30	D	D	D	D	D	D					
31	D	D	D	D	D	D					

April-21											
ay			Half :	Shifts							
	0-4	4-8	8-12	12-16	16-20	20-24					
1	D	D	D	D	D	D					
2	D	D	D	D	D	D					
3	D	D	D	D	D	D					
4	D	D	D	D	D	D					
5	D	D	D	D	D	D					
6	D	D	D	D	D	D					
7	D	D	D	D	D	D					
8	D	D	D	D	D	D					
9	D	D	D	D	D	D					
10	D	D	D	D	D	D					
11	D	D	D	D	D	D					
12	D	D	D	D	D	D					
13	D	D	D	D	D	D					
14	D	D	D	D	D	D					
15	D	D	D	D	D	D					
16	D	D	D	D	D	D					
17	D	D	D	D	D	D					
18	D	D	D	D	D	D					
19	D	D	D	D	D	D					
20	D	D	D	D	D	D					
21	D	D	D	D	D	D					
22	D	D	D	D	D	D					
23	D	D	D	D	D	D					
24	D	D	D	D	D	D					
25	D	D	D	D	D	D					
26	D	D	D	D	D	D					
27	D	D	D	D	D	D					
28	D	D	D	D	D	D					
29	D	D	D	D	D	D					
30	О	D	S	S	S	S					

September – December 2020 (2020-3)

Operation Status Legend

0	Accelerator Operations	С	Commissioning			Lab Holiday	Daylight Savings Times start/end
S	Studies	- 1	Interlock Certification	N	١	Monday	
М	Maintenance	D	Shutdown				

	141	IVIGITIE	criarice			
8		Se	otembe	er-20		
Day			Half :	Shifts		
	0-4	4-8	8-12	12-16	16-20	20-24
1	0	0	0	0	0	0
2	0	0	0	0	0	0
3	0	0	-1	- 1	S	S
4	S	S	S	S	S	S
5	S	S	S	S	S	S
6	S	S	S	S	S	S
7	S	S	S	S	S	S
8	S	S	0	0	0	0
9	0	0	0	0	0	0
10	0	0	0	0	0	0
11	0	0	0	0	0	0
12	0	0	S	S	S	S
13	S	S	S	S	S	S
14	S	S	D	D	D	D
15	D	D	D	D	D	D
16	D	D	D	D	D	D
17	D	D	D	D	D	D
18	D	D	D	D	D	D
19	D	D	D	D	D	D
20	D	D	D	D	D	D
21	D	D	D	D	D	D
22	D	D	D	D	D	D
23	D	D	D	D	D	D
24	D	D	D	D	D	D
25	D	D	D	D	D	D
26	D	D	D	D	D	D
27	D	D	D	D	D	D
28	D	D	D	D	D	D
29	D	D	D	D	D	D
30	D	D	D	D	D	D

October-20											
Day			Half	Shifts							
	0-4	4-8	8-12	12-16	16-20	20-24					
1	D	D	D	D	D	D					
2	D	D	D	D	D	D					
3	D	D	D	D	D	D					
4	D	D	D	D	D	D					
5	D	D	D	D	D	D					
6	D	D	D	D	D	D					
7	D	D	D	D	D	D					
8	D	D	D	D	D	D					
9	D	D	D	D	D	D					
10	D	D	D	D	D	D					
11	D	D	D	D	D	D					
12	D	D	D	D	D	D					
13	D	D	D	D	D	D					
14	D	D	D	D	D	D					
15	D	D	D	D	D	D					
16	D	D	D	D	D	D					
17	D	D	D	D	D	D					
18	D	D	S	S	S	S					
19	S	S	S	S	S	S					
20	S	S	S	S	S	S					
21	S	S	0	0	0	0					
22	0	0	0	0	0	0					
23	0	0	0	0	0	0					
24	0	0	0	0	0	0					
25	0	0	0	0	0	0					
26	0	0	0	0	0	0					
27	0	O/M	М	М	М	М					
28	М	М	М	М	M/S	S					
29	S	S	0	0	0	0					
30	0	0	0	0	0	0					
21	0	0	0	0	0	0					

Day		NO		Shifts		
	0-4	4-8	8-12	12-16	16-20	20-24
1	0	0	0	0	0	0
2	0	0	0	0	0	0
3	0	0	0	0	0	0
4	0	0	0	0	0	0
5	0	0	0	0	0	0
6	0	0	1	1	S	S
7	S	S	S	S	S	S
8	S	S	S	S	S	S
9	S	S	0	0	0	0
10	0	0	0	0	0	0
11	0	0	0	0	0	0
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	O/M	М	М	М	М
18	М	М	М	М	M/S	S
19	S	S	0	0	0	0
20	0	0	0	0	0	0
21	0	0	0	0	0	0
22	0	0	0	0	0	0
23	0	0	0	0	0	0
24	0	0	0	0	0	0
25	0	0	_1_	11	S	S
26	S	S	S	S	S	S
27	S	S	S	S	S	S
28	S	S	S	S	S	S
29	S	S	S	S	S	S
30	S	S	0	0	0	0

November-20

December-20											
Day			Half	Shifts							
	0-4	4-8	8-12	12-16	16-20	20-24					
1	0	0	0	0	0	0					
2	0	0	0	0	0	0					
3	0	0	0	0	0	0					
4	0	0	0	0	0	0					
5	0	0	0	0	0	0					
6	0	0	0	0	0	0					
7	0	0	0	0	0	0					
8	0	O/M	М	М	М	М					
9	М	М	М	M	M/S	S					
10	S	S	0	0	0	0					
11	0	0	0	0	0	0					
12	0	0	0	0	0	0					
13	0	0	0	0	0	0					
14	0	0	0	0	0	0					
15	0	0	0	0	0	0					
16	0	0	0	0	0	0					
17	0	0	0	0	0	0					
18	0	0	1	1	S	S					
19	S	S	S	S	S	S					
20	S	S	S	S	S	S					
21	S	S	D	D	D	D					
22	D	D	D	D	D	D					
23	D	D	D	D	D	D					
24	D	D	D	D	D	D					
25	D	D	D	D	D	D					
26	D	D	D	D	D	D					
27	D	D	D	D	D	D					
28	D	D	D	D	D	D					
29	D	D	D	D	D	D					
30	D	D	D	D	D	D					
31	D	D	D	D	D	D					

May – August 2020 (2020-2)

0	Accelerator Operations
S	Studies
N 4	Maintenance

С	Commissioning
-1	Interlock Certification
D	Shutdown

	Lab Holiday
N	Monday
	·

Daylight Savings Times start/end
May 18-20: NSLS-II / CFN Users' Meeting
August 16: NSLS-II Summer Sunday

May-20									
Day	Half Shifts								
	0-4	4-8	8-12	12-16	16-20	20-24			
1	0	0	0	0	0	S			
2	S	S	S	S	S	S			
3	S	S	S	S	S	S			
4	S	S	0	0	0	0			
5	0	0	0	0	0	0			
6	0	0	0	0	0	0			
7	0	0	0	0	0	0			
8	0	0	0	0	0	S			
9	S	S	S	S	S	S			
10	S	S	S	S	S	S			
11	S	S	0	0	0	0			
12	0	0	0	0	0	0			
13	0	0	0	0	0	0			
14	0	0	0	0	0	0			
15	0	0	0	0	0	S			
16	S	S	S	S	S	S			
17	S	S	S	S	S	S			
18	S	S/M	М	M	М	M			
19	М	М	М	M	М	M			
20	М	М	М	М	M/S	S			
21	0	0	0	0	0	0			
22	0	0	0	0	0	S			
23	S	S	S	S	S	S			
24	S	S	S	S	S	S			
25	S	S	0	0	0	0			
26	0	0	0	0	0	0			
27	0	0	0	0	0	0			
28	0	0	0	0	0	0			
29	0	0	0	0	0	S			
30	S	S	S	S	S	S			
31	S	S	S	S	S	S			

	June-20								
Day	Half Shifts								
	0-4	4-8	8-12	12-16	16-20	20-24			
1	S	S/M	М	M	М	M			
2	М	М	М	M	М	M			
3	М	М	М	M	M/S	S			
4	0	0	0	0	0	О			
5	0	0	0	0	0	S			
6	S	S	S	S	S	S			
7	S	S	S	S	S	S			
8	S	S	0	0	0	0			
9	0	0	0	0	0	0			
10	0	0	0	0	0	O			
11	0	0	0	0	0	0			
12	0	0	0	0	0	0			
13	0	0	0	0	0	0			
14	0	0	0	0	0	0			
15	0	0	S	S	S	S			
16	S	S	D	D	D	D			
17	D	D	D	D	D	D			
18	D	D	D	D	D	D			
19	D	D	D	D	D	D			
20	D	D	D	D	D	D			
21	D	D	D	D	D	D			
22	D	D	D	D	D	D			
23	D	D	D	D	D	D			
24	D	D	D	D	D	D			
25	D	D	D	D	D	D			
26	D	D	D	D	D	D			
27	D	D	D	D	D	D			
28	D	D	D	D	D	D			
29	D	D	D	D	D	D			
30	D	D	D	D	D	D			

July-20											
Day	Half Shifts										
	0-4	4-8	8-12	12-16	16-20	20-24					
1	D	D	D	D	D	D					
2	D	D	D	D	D	D					
3	D	D	D	D	D	D					
4	D	D	S	S	S	S					
5	S	S	S	S	S	S					
6	S	S	0	0	0	0					
7	0	0	0	0	0	0					
8	0	0	0	0	0	0					
9	0	0	0	0	0	0					
10	0	0	0	0	0	0					
11	0	0	0	0	0	0					
12	0	0	0	0	0	0					
13	0	O/M	М	М	М	М					
14	М	М	М	M	M/S	S					
15	S	S	S	0	0	0					
16	0	O	0	0	0	0					
17	0	0	0	0	0	0					
18	0	0	0	0	0	0					
19	0	0	0	0	0	0					
20	0	0	0	0	0	0					
21	0	0	0	0	0	0					
22	0	0	0	0	0	0					
23	0	0	-1	I	S	S					
24	S	S	S	S	S	S					
25	S	S	S	S	S	S					
26	S	S	S	S	S	S					
27	S	S	0	0	0	0					
28	0	0	0	0	0	0					
29	0	0	0	0	0	0					
30	0	0	0	0	0	0					
31	0	0	0	0	0	0					

Day Half Shifts 0-4 4-8 8-12 12-16 16-20 20-24 1 0 0 0 0 0 0 0 2 0 0 0 0 0 0 0 3 0 O/M M M M M M M 4 M<	August-20								
1 O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O	Day			Half :	Shifts				
2 O O O O O O O O 3 O O/M M M M M M M 4 M M M M M M M/S S 5 S S S O O O O 6 O O O O O O O O 7 O O O O O O O O 8 O O O O O O O O 9 O O O O O O O O 10 O O O O O O O 11 O O O O O O O O 12 O O O O O O O O 13 O O I I S S 14 S S S S S S S 15 S S S S S S 16 S S S S S S S 16 S S S S S S S 17 S S O O O O O 18 O O O O O O O 19 O O O O O O O 19 O O O O O O O 20 O O O O O O O 21 O O O O O O O 22 O O O O O O O O 23 O O O O O O O 24 O O M M M M M M 25 M M M M M M M M 25 M M M M M M M M 26 S S S S S O O O 27 O O O O O O O 28 O O O O O O O 29 O O O O O O O 20 O O O O O O 20 O O O O O O O 21 O O O O O O O 22 O O O O O O O O 23 O O O O O O O O 24 O O O O O O O O 25 O O O O O O O O 26 O O O O O O O O 27 O O O O O O O O 28 O O O O O O O O 29 O O O O O O O O 29 O O O O O O O O 30 O O O O O O O O		0-4	4-8	8-12	12-16	16-20	20-24		
2 O O O O O O O O 3 O O/M M M M M M M 4 M M M M M M M/S S 5 S S S O O O O 6 O O O O O O O O 7 O O O O O O O O 8 O O O O O O O O 9 O O O O O O O O 10 O O O O O O O 11 O O O O O O O O 12 O O O O O O O O 13 O O I I S S 14 S S S S S S S 15 S S S S S S 16 S S S S S S S 16 S S S S S S S 17 S S O O O O O 18 O O O O O O O 19 O O O O O O O 19 O O O O O O O 20 O O O O O O O 21 O O O O O O O 22 O O O O O O O O 23 O O O O O O O 24 O O M M M M M M 25 M M M M M M M M 25 M M M M M M M M 26 S S S S S O O O 27 O O O O O O O 28 O O O O O O O 29 O O O O O O O 20 O O O O O O 20 O O O O O O O 21 O O O O O O O 22 O O O O O O O O 23 O O O O O O O O 24 O O O O O O O O 25 O O O O O O O O 26 O O O O O O O O 27 O O O O O O O O 28 O O O O O O O O 29 O O O O O O O O 29 O O O O O O O O 30 O O O O O O O O	1	0	0	0	0	0	0		
3 O O/M M	2	0	0		0	0	0		
5 S S S O		0	O/M	М	M	М	M		
5 S S S O		М	M	М	M	M/S			
13 O O I I S S 14 S S S S S S 15 S S S S S S 16 S S S S S S 17 S S O O O O O 18 O </th <th></th> <th>S</th> <th>S</th> <th>S</th> <th>0</th> <th>0</th> <th>0</th>		S	S	S	0	0	0		
13 O O I I S S 14 S S S S S S 15 S S S S S S 16 S S S S S S 17 S S O O O O O 18 O </th <th>6</th> <th>0</th> <th>0</th> <th>0</th> <th>0</th> <th>0</th> <th>0</th>	6	0	0	0	0	0	0		
13 O O I I S S 14 S S S S S S 15 S S S S S S 16 S S S S S S 17 S S O O O O O 18 O </th <th></th> <th>0</th> <th>0</th> <th>0</th> <th>0</th> <th>0</th> <th>0</th>		0	0	0	0	0	0		
13 O O I I S S 14 S S S S S S 15 S S S S S S 16 S S S S S S 17 S S O O O O O 18 O </th <th></th> <th>0</th> <th>0</th> <th>0</th> <th>0</th> <th>0</th> <th>0</th>		0	0	0	0	0	0		
13 O O I I S S 14 S S S S S S 15 S S S S S S 16 S S S S S S 17 S S O O O O O 18 O </th <th></th> <th>0</th> <th>0</th> <th>0</th> <th>0</th> <th>0</th> <th>0</th>		0	0	0	0	0	0		
13 O O I I S S 14 S S S S S S 15 S S S S S S 16 S S S S S S 17 S S O O O O O 18 O </th <th>10</th> <th>0</th> <th>0</th> <th></th> <th>0</th> <th>0</th> <th>0</th>	10	0	0		0	0	0		
13 O O I I S S 14 S S S S S S 15 S S S S S S 16 S S S S S S 17 S S O O O O O 18 O </th <th></th> <th>0</th> <th>0</th> <th></th> <th>0</th> <th>0</th> <th>0</th>		0	0		0	0	0		
14 S O	12	0		0	0	0	0		
14 S S S S S S 15 S S S S S S 16 S S S S S S 17 S S O O O O O 18 O		0	0	1	1		S		
16 S O	14	S	S		S	S	S		
17 S S O O O O 18 O O O O O O 19 O O O O O O 20 O O O O O O 21 O O O O O O 22 O O O O O O 23 O O O O O O 24 O O/M M M M M M 25 M M M M M/S S 26 S S S O O O 27 O O O O O O 28 O O O O O O 30 O O O O O O			S	S	S	S	S		
17 S S O O O O 18 O O O O O O O 19 O	16	S	S	S	S	S	S		
18 O O O O O O 19 O O O O O O O 20 O O O O O O O O 21 O <td< th=""><th>17</th><th>S</th><th>S</th><th>0</th><th>0</th><th>0</th><th>0</th></td<>	17	S	S	0	0	0	0		
24 O O/M M M M M M 25 M M M M M/S S 26 S S S O O O 27 O O O O O O 28 O O O O O O 29 O O O O O O 30 O O O O O O	18	0	0	0	0	0	0		
24 O O/M M M M M M 25 M M M M M/S S 26 S S S O O O 27 O O O O O O 28 O O O O O O 29 O O O O O O 30 O O O O O O	19	0	0	0	0	0	0		
24 O O/M M M M M M 25 M M M M M/S S 26 S S S O O O 27 O O O O O O 28 O O O O O O 29 O O O O O O 30 O O O O O O	20	0	0	0	0	0	0		
24 O O/M M M M M M 25 M M M M M/S S 26 S S S O O O 27 O O O O O O 28 O O O O O O 29 O O O O O O 30 O O O O O O	21	0	0	0	0	0	0		
24 O O/M M M M M M 25 M M M M M/S S 26 S S S O O O 27 O O O O O O 28 O O O O O O 29 O O O O O O 30 O O O O O O	22	0	0		0	0	0		
24 O O/M M M M M M 25 M M M M M/S S 26 S S S O O O 27 O O O O O O 28 O O O O O O 29 O O O O O O 30 O O O O O O	23	0	0	0	0		0		
25 M M M M M M/S S 26 S S S O O O 27 O O O O O O 28 O O O O O O 29 O O O O O O 30 O O O O	24	0	O/M		M	М	M		
30 0 0 0 0 0 0	25	М	M	М	M	M/S	S		
30 0 0 0 0 0 0	26	S	S	S	0	0	0		
30 0 0 0 0 0 0		0	0	0	0	0	0		
30 0 0 0 0 0 0	28	0	0		0	0	0		
30 0 0 0 0 0 0	29	0	0	0	0	U	0		
31 0 0 0 0 0 0	30	0	0	0	0	0	0		
	31	0	0	0	0	0	0		

January - April 2020 (2020-1)

0	Accelerator Operations		С	Commissioning		Lab Holiday	Daylight Savings Times start/end
S	Studies		- 1	Interlock Certification	N	Monday	
N/I	Maintonanco	- 1	Ъ	Chutdown			

	January-20								
Day			Half	Shifts					
	0-4	4-8	8-12	12-16	16-20	20-24			
1	D	D	D	D	D	D			
2	D	D	D	D	D	D			
3	D	D	D	D	D	D			
4	D	D	D	D	D	D			
5 6	D	D	D	D	D	D			
	D	D	D	D	D	D			
7	D	D	D	D	D	D			
8	D	D	D	D	D	D			
9	D	D	D	D	D	D			
10	D	D	S	S	S	S			
11	S	S	S	S	S	S			
12	S	S	S	S	S	S			
13	S	S	S	0	0	0			
14	0	0	0	0	0	0			
15	0	0	0	0	0	0			
16	0	0	0	0	0	0 0			
17	0	0	U	0	0	0			
18	0	0	0	0	0	0			
19	0	0	0	0	0	0			
20	0	0	0	0	0	0			
21	0	0	- 1	- 1	S	S			
22	S	S	0	0	0	0			
23	0	0	0	0	0	0			
24	0	0	0	0	0	0			
25	0	0	0	0	0	0			
26	0	0	0	0	0	0			
27	0	O/M	M M O	М	М	М			
28	М	М	М	М	M/S	S			
29	S	S	0	0	0	0			
30	0	0	0	0	0	0			
31	0	0	0	0	0	0			

February-20									
Day			Half S	Shifts					
	0-4	4-8	8-12	12-16	16-20	20-24			
1	0	0	0	0	0	0			
2	0	0	0	0	0	0			
3	0	0	0	0	0	0			
4	0	0	0	0	0	.0			
5	0	0	0	0	0	0			
6	0	0	0	0	0	0			
7	0	0	0	0	S	S			
8	S	S	S	S	S	S			
9	S	S	S	S	S	S			
10	S	S	0	0	0	0			
11	0	0	0	0	0	0			
12	0	0	0	0	0	0			
13	0	0	0	0	0	0			
14	0	0	0	0	0	0			
15	0	0	0	0	0 0	0			
16	0	0	0	0	0	0			
17	0	0	0	0	0	0			
18	0	O/M	М	М	М	M			
19	М	М	М	М	M/S	S			
20	S	S	0	0	0	0			
21	0	0	0	0	0	0			
22	0	0	0	0	0	0			
23	0	0	0			0			
24	0	0	I	1	S	S			
25	S	S	0	0	0	0			
26	0	0	0	0	0	0			
27	0	0	0	0	0	0			
28	0	0	0	0	S	S			
29	S	S	S	S	S	S			

March-20											
Day											
	0-4	4-8	8-12	12-16	16-20	20-24					
1	S	S	S	S	S	S					
2	S	S	0	0	0	0					
3	0	0	0	0	0	0					
4	0	0	0	0	0	0					
5	0	0	0	0	0	0					
6	0	0	0	0	0	0					
7	0	0	0	0	0	0					
8	0	0	0	0	0	0					
9	0	O/M	М	М	M	M					
10	М	М	М	М	M/S	S					
11	S	S	0	0	0	0					
12	0	0	0	0	0	0					
13	0	0	0	0	0	0					
14	0	0	0	0	0	0					
15	0	0	0	0	0	0					
16	0	0	- 1	1	S	S					
17	S	S	0	0	0	0					
18	0	0	0	0	0	0	0	0	0	0	
19	0	0	0	(O)	0	0					
20	0	0	0	0	S	S					
21	S	S	S	S	S	S					
22	S	S	S	S	S	S					
23	S	S	0	0	0	0					
24	0	0	0	0	0	0					
25	0	0	0	0	0	0					
26	0	0	0	0	0	0					
27	0	0		0	0	0					
28	0	0	0	0	0	0					
29	0	0	0	0 0		0					
30	0	O/M	М	М	М	М					
31	M	M	M	M	M/S	S					

	April-20											
ay			Half S	Shifts								
	0-4	4-8	8-12	12-16	16-20	20-24						
1	S	S	0	0	0	0						
	0	0	0	0	0	0						
3	0	0	0	0	0	0						
4	0	0	0	0	0	0						
5	0	0	0	0	0	0						
6	0	0	0	0	0	0						
7	0	0	0	0	0	0						
8	0	0	0	0	0	0						
9	0	0	0	0	0	0						
LO	0-4 S O O O O O O O O O O O O O O O O O O	S O O O O O O O O O O O O O O O O O O O	8-12 O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						
11	0	0	0	0	0	0						
12	0	0	0	0	0	0						
L3	0	0	0	0	0	0						
L4	0	0	0	0	0	0						
15	0	0	0	0	0	0						
16	0	0	0	0	0	0						
L7	0	0	0	0	0	0						
18	0	0	S	S	0	0						
19	0	0	0	0	0	0						
20	0	O/M	М	М	М	М						
21	М	М	М	М	M/S	S						
22	S	S	0	0	0	0						
23	0	0	0	0	0	0						
24	0	0	0	0	0	0						
25	0	0	0	0	0	0						
26	0	0	0	S	S	S/O						
27	0	0	0	0	0	0						
28	0	0	0	0	0	0						
29	0	0	0	0	0	0						
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 20 20 20 20 20 20 20 20 20 20	0	0	0	0	0	0						

September – December 2019 (2019-3)

Operation Status Legend

0	Accelerator Operations	С	Commissioning
S	Studies	- 1	Interlock Certification
М	Maintenance	D	Shutdown

	Lab Holiday
N	Monday

Daylight Savings Times start/end
October 21 – 23: Workshop on Exploring
New Science Frontiers at NSLS-II

September-19										
Day		Jep.		Shifts						
Day	0-4	4-8	8-12	12-16	16-20	20-24				
1		S S	S S		S					
2	5	S	S	S S	S	S S				
3	\$ \$ \$	S S	0	0	0	0				
4	0	0	0	0	0	0				
5	0	0	0 0 0	0	0	0				
6	0			0	0	0				
5 6 7	0	0	0	0	0	0				
8	0	0	0 0 0	0 0 0 0 0	0	0 0 0 0 0				
9	0 0 0 0 0	0 0 0	ı	I M	S	S				
10	S	S/M	М	М	М	М				
11	М	M	М	М	M M/S	S				
12	S	S	M S/O	0	0	0				
13	0	0	0	0	0	0				
14	0	0	0	M 0 0 0 0 0 0 0	0	M S O O O O O O O O O O O O O O O O O O				
15	0	0	0	0	0	0				
16	0 0 0 0 0	0	0	0	0	0				
17	0	0	0	0	0	0				
18	0	0	0	0	0	0				
18 19	0	0	0	0	0	0				
20	0	0	0	0	0	0				
21	0	0	S	S	S	S				
22	S	S S	\$ \$ 0 0	S	S	S				
23	S	S	S	0		0				
24	0	0 0 0	0	0	0 0 0	0				
25	О	0	0	0	0	0				
26 27	0			0	0	0				
27	0	0	0	0	0	0				
28	S S O O O O O O	0	0	S S O O O O O O O	0	S S O O O O O O				
29 30	0	0	0	0	0	0				
30	0	0	0	0	0	0				

	October-19										
Day			Half 9	Shifts							
	0-4	4-8	8-12	8-12 12-16		20-24					
1	0	0	0	0	0	0					
2	0	0	0	0	0	0					
3	0	0	0	0	0	0 0 0					
4	0	0	0	0	0						
5	0	0	S S	S S	S	S S					
6	S	S			S	S					
7	S	S	- 1	- 1	S	S					
8	S	S/M	М	М	M	М					
9	M	S/M M S O O O O O O	М	М	M/S	S O O O O O O O O					
10	S O	S	0 0 0 0	0	0	0					
11	0	0	0	0	0 0 0	0					
12	0	0	0	0	0	0					
13	0	0	0	0	0	0					
14	0 0 0	0	0	0 0 0 0 0 0	0	0					
15	0	0	0	0	0	0					
16	0	0	0	0	0	0					
17					0	0					
18	0		0	0	0	0 0 0					
19	0	0	0	0 0 0	0	0					
20	0	0 0	0		0						
21	0	0	S	S	S	S					
22	S	S	S	S	S	S					
23	S	S	S	S	S	S					
24	S	S O	0	S 0 0	0	0					
25	0	0	0		0	0					
26	0	0	0	0	0	0					
27	0	0	0	0	0	0					
28	0	0 0 0/M	М	М	М	0 0 M S					
29	М	M S	М	0 0 M M	M M/S	S					
30	S	S	0	0	0	0					

November-19											
Day	Half Shifts										
	0-4	4-8	8-12	12-16	16-20	20-24					
1	0	0	0	0	0	0					
2	0	0	0	0	0	0					
3	0	0	0	0	0	0					
4	0	0	0	0	0	0					
5	0	0	0	0	0	0					
6	0	0	О	0	0	0					
7	0	0	0	0	0	0					
8	0	0	0	0	S	S					
9	S	S	S	S	S	S					
10	S	S	S	S	S	S					
11	S	S	S/O	0	0	0					
12	0	0	0	0	0	0					
13	0	0	0	0	0	0					
14	0	0	0	0	0	0					
15	0	0	0	0	0	0					
16	0	0	0	0	0	0					
17	0	0	0	0	0	0					
18	0	0	_		S	S					
19	S	S/M	М	М	М	М					
20	М	М	М	M	M/S	S					
21	S	S	0	0	0	0					
22	0	0	0	0	0	0					
23	0	0	0	0 0	0	0					
24	0	0	0	0	0	0					
25	0	0	0	0	0	0					
26	0	0	0	0	0	0					
27	0	0	0	0	S	S					
28	S	S	S	S	S	S					
29	S	S	S	S	S	S					
30	S	S	S	S	S	S					

December-19										
ay			Half 9	Shifts						
	0-4	4-8	8-12	12-16	16-20	20-24				
1	S	S	S	S	S	S				
2	S	S	0	0	0	0				
3 4	0	0	0	0	0	0				
4	0	0	0	0	0	О				
5 6	0	0	0	0	0	0				
6	0 0 0	0 0 0	0	0 0 0 0	0 0 0 0	О				
7	0	0	0	0	0	0				
8	0		0	0	0	0				
9	0	0	0 0 0 0 0 0	0	0	0 0 0 0 0 0 0				
10	0	0 0 0	0	0	0 0 0	0				
11	0	0	0	0	0	0				
12	0	0	0	0	0	0				
13	0	0	0	0						
14	0	0	0	0	S	S S				
15	S S	S S	S	S D	S					
16	S		D	D	D	D				
17	D	D	D	D	D	D				
18	D	D	D	D	D	D				
19	D	D	D	D	D	D				
20	D	D	D	D	D	D				
21	D	D	D	D	D	D				
22	D	D	D	D	D	D				
23	D	D	D	D	D	D				
24	D	D	D	D	D	D				
24 25	D	D	D	D	D	D				
26	D	D	D	D	D	D				
27	D	D	D	D	D	D				
28	D	D	D	D	D	D				
29	D	D	D	D	D	D				
29 30 31	D	D	D	D	D	D				
31	D	D	D	D	D	D				

May – August 2019 (2019-2)

0	Accelerator Operations	Commissioning		Lab Holiday		Daylight Savings Times start/end
	Accelerator Operations	Commissioning		Lab Hollday		May 20-22: NSLS-II/CFN Users' Meeting
S	Studies	Interlock Certification	N	Monday		July 21: Summer Sunday Open House
М	Maintenance	Shutdown				

May-19									
Day			Half S	Shifts					
	0-4	4-8	8-12	12-16	16-20	20-24			
1	0	0	0	0	0	0			
2	0	0	0	0	0	0			
3	0	0	0	0	0	0			
4	0	0	S	S	S	S			
5	S	S	S	S	S	S			
6	S	S	0	0	0	0			
7	0	0	0	0	0	0			
8	0	0	0	0	0	0			
9	0	0	0	0	0	0			
10	0	0	0	0	0	0			
11	0	0	0	0	0	0			
12	0	0	0	0	0	0			
13	0	O/M	М	М	М	М			
14	М	М	М	М	M/S	S			
15	S	S	0	0	0	0			
16	0	0	0	0	0	0			
17	0	0	0	0	0	0			
18	0	0	0	0	0	0			
19	0	0	0	0	0	0			
20	0	0	_	- 1	S	S			
21	S	S	S	S	S	S			
22	S	S	S	S	S	S			
23	S	S	S	0	0	0			
24	0	0	0	0	0	0			
25	0	0	0	0	0	0			
26	0	0	0	0	0	0			
27	0	0	0	0	0	0			
28	0	0	0	0	0	0			
29	0	0	0	0	0	0			
30	0	0	0	0	0	0			
31	0	0	0	0	0	0			

June-19									
Day			Half S	Shifts					
	0-4	4-8	8-12	12-16	16-20	20-24			
1	0	0	S	S	S	S			
2	S	S	S	S	S	S			
3	S	S	S	0	0	0			
4	0	0	0	0	0	0			
5	0	0	0	0	0	0			
6	0	0	0	0	0	0			
7	0	0	0	0	0	0			
8	0	0	0	0	0	0			
9	0	0	0	0	0	0			
10	0	O/M	Μ	М	М	М			
11	М	М	М	М	M/S	S			
12	S	S	0	0	0	0			
13	0	0	0	0	0	0			
14	0	0	0	0	0	0			
15	0	0	0	0	0	0			
16	0	0	0	0	0	0			
17	0	0	0	0	0	0			
18	0	0	0	0	0	0			
19	0	0	0	0	0	0			
20	0	0	0	0	0	0			
21	0	0	_	- 1	S	S			
22	S	S	S	S	S	S			
23	S	S	S	S	S	S			
24	S	S	0	0	0	0			
25	0	0	0	0	0	0			
26	0	0	0	0	0	0			
27	0	0	0	0	0	0			
28	0	0	0	0	0	0			
29	0	0	0	0	0	0			
30	0	0	0	0	0	0			

July-19										
Day			Half	Shifts						
	0-4	4-8	8-12	12-16	16-20	20-24				
1	0	0	S	S	S	S				
2	S	S	D	D	D	D				
3	D	D	D	D	D	D				
4	D	D	D	D	D	D				
5	D	D	D	D	D	D				
6	D	D	D	D	D	D				
7	D	D	D	D	D	D				
8	D	D	D	D	D	D				
9	D	D	D	D	D	D				
10	D	D	D	D	D	D				
11	D	D	D	D	D	D				
12	D	D	D	D	D	D				
13	D	D	D	D	D	D				
14	D	D	D	D	D	D				
15	D	D	D	D	D	D				
16	D	D	D	D	D	D				
17	D	D	D	D	D	D				
18	D	D	D	D	D	D				
19	D	D	D	D	D	D				
20	D	D	D	D	D	D				
21	D	D	D	D	D	D				
22	D	D	D	D	D	D				
23	D	D	D	D	D	D				
24	D	D	D	D	D	D				
25	D	D	D	D	D	D				
26	D	D	D	D	D	D				
27	D	D	D	D	D	D				
28	D	D	D	D	D	D				
29	D	D	D	D	D	D				
30	D	D	D	D	D	D				
31	D	D	D	D	D	D				

		A	lugust-			
Day				Shifts		
	0-4	4-8	8-12	12-16	16-20	20-24
1	D	D	D	D	D	D
2	D	D	D	D	D	D
3	D	D	D	D	D	D
4	D	D	D	D	D	D
5	D	D	S	S	S	S
6	S	S	S	S	S	S
7	S	S	S	S	S	S
8	S	S	S	0	0	0
9	0	0	0	0	0	0
10	0	0	0	0	0	0
11	0	0	0	0	0	0
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	O/M	М	М	М	М
20	М	М	М	М	M/S	S
21	S	S	0	0	0	0
22	0	0	0	0	0	0
23	0	0	0	0	0	0
24	0	0	0	0	0	0
25	0	0	0	0	0	0
26	0	0	0	0	0	0
27	0	0	0	0	0	0
28	0	0	0	0	0	0
29	0	0	0	0	0	0
30	0	0	- 1	ı	S	S
31	S	S	S	S	S	S

January - April 2019 (2019-1)

-	_					
0	Accelerator Operations	С	Commissioning		Lab Holiday	Daylight Savings Times start/end
S	Studies	- 1	Interlock Certification	N	Monday	
М	Maintenance	D	Shutdown			

		Jä	anuary			
Day			Half :	Shifts		
	0-4	4-8	8-12	12-16	16-20	20-24
1	D	D	D	D	D	D
2	D	D	D	D	D	D
3	D	D	D	D	D	D
4	D	D	D	D	D	D
5	D	D	D	D	D	D
6	D	D	D	D	D	D
7	D	D	D	D	D	D
8	D	D	D	D	D	D
9	D	D	D	D	D	D
10	D	D	D	D	D	D
11	D	D	D	D	D	D
12	D	D	D	D	D	D
13	D	D	D	D	D	D
14	D	D	D	D	D	D
15	D	D	D	D	D	D
16	D	D	D	D	D	D
17	D	D	D	D	D	D
18	D	D	D	D	D	D
19	D	D	D	D	D	D
20	D	D	D	D	D	D
21	D	D	D	D	D	D
22	D	D	D	D	D	D
23	D	D	D	D	D	D
24	D	D	S	S	S	S
25	S	S	S	S	S	S
26	S	S	S	S	S	S
27	S	S	S	S	S	S
28	S	S	0	0	0	0
29	0	0	0	0	0	0
30	0	0	0	0	0	0
31	0	0	0	0	0	0

		Fe	bruary			
Day		Half Shifts				
	0-4	4-8	8-12	12-16	16-20	20-24
1	0	0	0	0	0	0
2	0	0	S	S	S	S
3	S	S	S	S	S	S
4	S	S	0	0	0	0
5	0	0	0	0	0	0
6	0	0	0	0	0	0
7	0	0	0	0	0	0
8	0	0	0	0	0	0
9	0	0	0	0	0	0
10	0	0	0	0	0	0
11	0	O/M	М	М	М	М
12	М	М	М	М	M/S	S
13	S	S	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0
21	0	0	0	0	0	0
22	0	0	- 1	1	S	S
23	S	S	S	S	S	S
24	S	S	S	S	S	S
25	S	S	0	0	0	0
26	0	0	0	0	0	0
27	0	0	0	0	0	0
28	C	0	0	0	0	0

March-19							
Day		Half Shifts					
	0-4	4-8	8-12	12-16	16-20	20-24	
1	0	0	0	0	0	0	
2	0	0	0	0	0	0	
3	0	0	0	0	0	0	
4	0	0	1	- 1	S	S	
5	S	S/M	М	М	М	М	
6	M	М	М	М	M/S	S	
7	S	S	0	0	0	0	
8	0	0	0	0	0	0	
9	0	0	0	0	0	0	
10	0	0	0	0	0	0	
11	0	0	0	0	0	0	
12	0	0	0	0	0	0	
13	0	0	0	0	0	0	
14	0	0	0	0	0	0	
15	0	0	0	0	S	S	
16	S	S	S	S	S	S	
17	S	S	S	S	S	S	
18	S	S	0	0	0	0	
19	0	0	0	0	0	0	
20	0	0	0	0	0	0	
21	0	0	0	0	0	0	
22	0	0	0	0	0	0	
23	0	0	0	0	0	0	
24	0	0	0	0	0	0	
25	0	0	0	0	0	0	
26	0	0	0	S	S	S	
27	S	S	S	S	S	S	
28	S	S	0	0	0	0	
29	0	0	0	0	0	0	
30	0	0	0	0	0	0	
24	-	-	0	_	-		

			April-1	L9		
Day			Half	Shifts		
10	0-4	4-8	8-12	12-16	16-20	20-24
1	0	0	0	0	0	0
2	0	0	0	0	0	0
3	0	0	O	0	0	0
4	0	0	0	0	0	0
5	0	0	0	0	0	0
6	0	0	0	S	S	S
7	S	S	S	S	S	S
8	S	S	D	D	D	D
9	D	D	D	D	D	D
10	D	D	D	D	D	D
11	D	D	D	D	D	D
12	D	D	D	D	D	D
13	D	D	D	D	D	D
14	D	D	D	D	D	D
15	D	D	D	D	D	D
16	D	D	D	D	D	D
17	D	D	D	D	D	D
18	D	D	D	D	D	D
19	D	D	S	S	S	S
20	S	S	S	S	S	S
21	S	S	S	S	S	S
22	S	S	0	0	0	0
23	0	0	0	0	0	0
24	0	0	0	0	0	0
25	0	0	0	0	0	0
26	0	0	0	0	0	0
27	0	0	0	0	0	0
28	0	0	0	0	0	0
29	0	0	0	0	0	0
30	0	0	0	0	0	0

September – December 2018 (2018-3)

0	Accelerator Operations	С	Commissioning		Lab Holiday	Daylight Savings Times start/end
S	Studies	- 1	Interlock Certification	N	Monday	
М	Maintenance	D	Shutdown			

	September-18							
Day		Half Shifts						
	0-4	4-8	8-12	12-16	16-20	20-24		
1	D	D	D	D	D	D		
2	D	D	D	D	D	D		
3	D	D	D	D	D	D		
4	D	D	D	D	D	D		
5	D	D	D	D	D	D		
6	D	D	D	D	D	D		
7	D	D	D	D	D	D		
8	D	D	D	D	D	D		
9	D	D	D	D	D	D		
10	D	D	D	D	D	D		
11	D	D	D	D	D	D		
12	D	D	D	D	D	D		
13	D	D	D	D	D	D		
14	D	D	S	S	S	S		
15	S	S	S	S	S	S		
16	S	S	S	S	S	S		
17	S	S	S	0	0	0		
18	0	0	0	0	0	0		
19	0	0	0	0	0	0		
20	0	0	0	0	0	0		
21	0	0	0	0	0	0		
22	0	0	0	0	0	0		
23	0	0	0	.0	0	0		
24	0	0	- 1	- 1	S	S		
25	S	S/M	М	М	М	М		
26	M	М	М	М	M/S	S		
27	S	S	0	0	0	0		
28	0	0	0	0	0	0		
29	0	0	0	0	0	0		
30	0	0	0	0	0	0		

October-18						
Day			Half	Shifts		
	0-4	4-8	8-12	12-16	16-20	20-24
1	0	0	0	0	0	0
2	0	0	0	0	0	0
3	0	0	0	0	0	0
4	0	0	0	0	0	0
5	0	0	0	0	0	0
6	0	0	0	0	0	0
7	0	0	S	S	S	S
8	S	S	S	S	S	S
9	S	S	0	0	0	0
10	0	0	0	0	0	0
11	0	0	0	0	0	0
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	O/M	М	М	М	M
16	М	М	M	М	M/S	S
17	S	S	0	0	0	0
18	10	0	0	0	10	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0
21	0	0	0	0	0	0
22	0	0	0	0	0	0
23	0	0	0	0	0	0
24	0	0	0	0	0	0
25	0	0	0	0	0	0
26	0	0	-1-	- 1	S	S
27	S	S	S	S	S	S
28	S	S	S	S	S	S
29	S	S	0	0	0	0
30	0	0	0	0	0	0
	The same of					

November-18						
Day			Half S	Shifts		
	0-4	4-8	8-12	12-16	16-20	20-24
1	0	0	0	0	0	0
2	0	0	0	0	0	0
3	0	0	S	S	S	S
4	S	S	S	S	S	S
5	S	S	0	0	0	0
6	0	0	0	0	0	0
7	0	0	0	0	0	0
8	0	0	0	0	0	0
9	0	0	0	0	0	0
10	0	0	0	0	0	0
11	0	0	0	0	0	0
12	0	0	0	0	0	0
13	0	O/M	М	М	М	М
14	М	М	М	М	M/S	S
15	S	S	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0
21	0	0		- 1	S	S
22	S	S	S	S	S	S
23	S	S	S	S	S	S
24	S	S	S	S	S	S
25	S	S	S	S	S	S
26	S	S	0	0	0	0
27	0	0	0	0	0	0
28	0	0	0	0	0	0
29	0	0	0	0	0	0
30	0	0	0	0	0	0

1 2 3	0-4 0 0	4-8 0 0	8-12 0	Shifts 12-16	16-20	20-24
_	0 0 0	0 0	0		16-20	20-24
_	0	0				'
2	0	0		0	0	0
-			0	(0)	0	0
		O/M	М	М	М	M
4	M	М	М	М	M/S	S
5	S	S	0	0	0	0
6	0	0	0	0 0 0	0	0
7	0	0	0 0	0	0	0 0
8	0	0	0	0	0	0
9	0	0	0	0	0	0
LO	0	0	0	0	0	0 0 0
11 12 13	0	0 0	0	0	0	0
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14 15	0	0	0	0	0	0
15	0	0	S	S	S	S
16	S	S	S	S	S	S
L7	S	S	D	D	D	D
18	D	D	D	D	D	D
19	D	D	D	D	D	D
20	D	D	D	D	D	D
21	D	D	D	D	D	D
16 17 18 19 19 19 19 19 19 19	D	D	D	D	D	D
23	D	D	D	D	D	D
24	D	D	D	D	D	D
25	D	D	D	D	D	D
26	D	D	D	D	D	D
27	D	D	D	D	D	D
28	D	D	D	D	D	D
29	D	D	D	D	D	D
30	D	D	D	D	D	D
31	D	D	D	D	D	D

May – August 2018 (2018-2)

0	Accelerator Operations
S	Studies
M	Maintenance

С	Commissioning
-1	Interlock Certification
D	Shutdown

	Lab Holiday
N	Monday

Daylight Savings Times start/end
May 21-23: NSLS-II/CFN Users' Meeting
July 29: Summer Sunday Open House

			May-1	L8						June-1	L8						July-1	L8						August	-18		
Day			Half	Shifts			Day			Half	Shifts			Day			Half	Shifts			Day			Half	Shifts		
	0-4	4-8	8-12	12-16	16-20	20-24		0-4	4-8	8-12	12-16	16-20	20-24		0-4	4-8	8-12	12-16	16-20	20-24		0-4	4-8	8-12	12-16	16-20	20-24
1	D	D	D	D	D	D	1	0	0	0	0	0	0	1	С	С	С	С	С	С	1	0	0	0	0	0	0
2	D	D	D	D	D	D	2	0	0	0	0	0	О	2	С	С	0	0	0	0	2	0	0	0	0	0	0
3	D	D	D	D	D	D	3	0	0	0	0	0	0	3	0	0	0	0	0	0	3	0	0	0	0	0	0
4	D	D	D	D	D	D	4	0	0	0	0	0	0	4	0	0	0	0	0	0	4	0	0	0	0	0	0
5	D	D	D	D	D	D	5	0	0	0	0	0	0	5	0	0	0	0	0	0	5	0	0	0	0	0	0
6	D	D	D	D	D	D	6	0	0	0	0	0	0	6	0	0	0	0	0	0	6	0	0	1	1	S	S
7	D	D	D	D	D	D	7	0	0	0	0	0	0	7	0	0	0	0	0	0	7	S	S/M	М	M	M	М
8	D	D	D	D	D	D	8	0	0	0	0	0	0	8	0	0	0	0	0	0	8	M	М	М	М	M/S	S
9	D	D	D	D	D	D	9	0	0	0	С	С	С	9	0	0	- 1	1	S	S	9	S	S	0	0	0	0
10	D	D	D	D	D	D	10	С	С	С	С	С	С	10	S	S/M	М	M	M	M	10	0	0	0	0	0	0
11	D	D	D	D	D	D	11	С	С	0	0	0	0	11	М	M	M	M	M/S	S	11	0	0	0	0	0	0
12	D	D	D	D	D	D	12	0	0	0	0	0	0	12	S	S	0	0	0	0	12	0	0	0	0	0	0
13	D	D	D	D	D	D	13	0	0	0	0	0	0	13	0	0	0	0	0	0	13	0	0	0	0	0	0
14	D	D	D	D	D	D	14	0	0	0	0	0	0	14	0	0	0	0	0	0	14	0	0	0	0	0	0
15	D	D	D	D	D	D	15	0	0	0	0	0	0	15	0	0	0	0	0	0	15	0	0	0	0	0	0
16	D	D	D	D	D	D	16	0	0	0	0	0	0	16	0	0	0	0	0	0	16	0	0	0	0	0	0
17	D	D	D	D	D	D	17	0	0	0	0	0	0	17	0	0	0	0	0	0	17	0	0	0	0	0	0
18	D	D	D	D	D	D	18	0	0	- 1	1	S	S	18	0	0	С	С	С	С	18	0	0	0	0	0	0
19	D	D	D	D	D	D	19	S	S/M	M	M	M	M	19	С	С	0	0	0	0	19	0	0	0	0	0	0
20	D	D	D	D	D	D	20	М	M	M	M	M/S	S	20	0	0	0	0	0	0	20	0	0	S	S	S	S
21	D	D	D	D	D	D	21	S	S	0	0	0	0	21	0	0	0	0	0	0	21	S	S	D	D	D	D
22	D	D	D	D	D	D	22	0	0	0	0	0	0	22	0	0	0	0	0	0	22	D	D	D	D	D	D
23	D	D	D	D	D	D	23	0	0	0	0	0	0	23	0	0	0	0	0	0	23	D	D	D	D	D	D
24	D	D	S	S	S	S	24	0	0	0	0	0	0	24	0	0	0	0	0	0	24	D	D	D	D	D	D
25	S	S	S	S	S	S	25	0	0	0	0	0	0	25	0	0	0	0	0	0	25	D	D	D	D	D	D
26	S	S	S	S	S	S	26	0	0	0	0	0	0	26	0	0	0	0	0	0	26	D	D	D	D	D	D
27	S	S	S	S	S	S	27	0	0	0	0	0	0	27	0	0	0	0	0	0	27	D	D	D	D	D	D
28	S	S	S	S	S	S	28	0	0	0	0	0	0	28	0	0	0	0	0	0	28	D	D	D	D	D	D
29	S	S	0	0	0	0	29	0	0	0	0	0	0	29	0	0	С	С	С	С	29	D	D	D	D	D	D
30	0	0	0	0	0	0	30	0	0	0	С	С	С	30	С	С	0	0	0	0	30	D	D	D	D	D	D
31	0	0	0	0	0	0								31	0	0	0	0	0	0	31	D	D	D	D	D	D

Jan – Apr 2018 (2018-1)

0	Accelerator Operations	С	Commissioning		Lab Holiday		Daylight Savings Times start/end
S	Studies	-1	Interlock Certification	N	Monday	ď	, , ,
М	Maintenance	D	Shutdown				

	January-18 Day Half Shifts													
Day			Half	Shifts										
	0-4	4-8	8-12	12-16	16-20	20-24								
1	D	D	D	D	D	D								
2	D	D	D	D	D	D								
3	D	D	D	D	D	D								
4	D	D	D	D	D	D								
5	D	D	D	D	D	D								
6	D	D	D	D	D	D								
7	D	D	D	D	D	D								
8	D	D	D	D	D	D								
9	D	D	D	D	D	D								
10	D	D	D	D	D	D								
11	D	D	S	S	S	S								
12	S	S	S	S	S	S								
13	S	S	S	S	S	S								
14	S	S	S	S	S	S								
15	S	S	S	S	S	S								
16	S	S	S	0	0	0								
17	0	0	0	0	0	0								
18	0	0	0	0	0	0								
19	0	0	0	0	0	0								
20	0	0	0	0	0	0								
21	0	0	0	0	0									
22	0	0	0	0	0	0								
23	0	0	0	0	0	0								
24	0	0	0	0	0	0								
25	0	0	0	0	0	0								
26	0	0	0	0	0	0								
27	0	0	0	0	0	0								
28	0	0	С	С	С	С								
29	С	С	С	С	С	С								
30	С	С	S	0	0	0								
31	0	0	0	0	0	0								

February-18													
Day	Half Shifts												
	0-4	4-8	8-12	12-16	16-20	20-24							
1	0	0	0	0	0	0							
2	0	0	0	0	0	0							
3	0	0	0	0	0	0							
4	0	0	0	0	0	0							
5	0	0	- 1	- 1	S	S							
6	S	S/M	М	М	М	М							
7	М	М	М	М	M/S	S							
8	S	S	S	0	0	0							
9	0	0	0	0	0	0							
10	0	0	0	0	0	0							
11	0	0	0	0	0	0							
12	0	0	0	0	0	0							
13	0	0	0	0	0	0							
14	0	0	0	0	0	0							
15	0	0	0	0	0	0							
16	0	0	0	0	0	0							
17	0	0	C C	С	С	С							
18	С	С		С	С	С							
19	С	С	S	0	0	0							
20	0	0	0	0	0	0							
21	0	0	0	0	0	0							
22	0	0	0	0	0	0							
23	0	0	0	0	0	0							
24	0	0	0	0	0	0							
25	0	0	0	0	0	0							
26	0	0	- 1	- 1	S	S							
27	S	S/M	М	М	М	М							
28	М	М	М	М	M/S	S							

		- 1	March-	18		
Day			Half	Shifts		
	0-4	4-8	8-12	12-16	16-20	20-24
1	S	S	S	0	0	0
2	0	0	0	0	0	0
3	0	0	0	0	0	0
4	0	0	0	0	0	0
5	0 0	0	0	0 0	0 0 0 0 0	0 0
6	0	0	0	0	0	0
7	0	0	0	0	0	0
8	0	0	0	0	0	0
9	0	0	0	0	0	0
10	0	0	0	O C	0	O C
11	0	O O O O C	С		С	С
12	С	С	С	С	С	С
13	С	С	S	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16		0	0	0	0	0
17	0	0 0 0	0	О	0 0 0	0
18	0	0	0	0		0
19	0	0	- 1	- 1	S	S
20	S	O S/M M	М	М	M M/S	М
21	М	М	М	M	M/S	S
22	S	S	S	0	0	0
23	0	0	0		0	0
24	0	0	0	0	0	0
25		0	0	0	0	0
26	0	0	0	0	0	0
27	0	0 0 0 0 0 0	0	0	0	0
28	0	0	0	0	0	0
29	0	0	0	0	0	0
30	0	0	0	0 0 C	0 0 0 0 0 0	O C
31	0	0	С	С	С	С

			April-1	. 8		
Day			Half S	Shifts		
	0-4	4-8	8-12	12-16	16-20	20-24
1	С	С	С	С	С	С
2	С	С	S	0	0	0
3	0	0	0	0	0	0
4	0	0	0	0	0	0
5	0	0	0	0	0	0
6	0	0	0	0	0	0
7	0	0	0	0	0	0
8	0	0	0	0	0	0
9	0	0	- 1	- 1	S	S
10	S	S/M	М	М	М	М
11	М	М	М	М	M/S	S
12	S	S	S	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	O/S	S	S	S	S	S
21	S	S	S	S	S	S
22	S	S	S	S	S	S
23	S	S	D	D	D	D
24	D	D	D	D	D	D
25	D	D	D	D	D	D
26	D	D	D	D	D	D
27	D	D	D	D	D	D
28	D	D	D	D	D	D
29	D	D	D	D	D	D
30	D	D	D	D	D	D

Sept – Dec 2017 (2017-3)

0	Accelerator Operations	С	Commissioning		Lab Holiday
S	Studies	- 1	Interlock Certification	N	Monday
М	Maintenance	D	Shutdown		

	September-17													
Day			Half S	Shifts										
	0-4	4-8	8-12	12-16	16-20	20-24								
1	D	D	D	D	D	D								
2	D	D	D	D	D	D								
3	D	D	D	D	D	D								
4	D	D	D	D	D	D								
5	D	D	S	S	S	S								
6	S	S	S	S	S	S								
7	S	S	S	S	S	S								
8	S	S	0	0	O	0								
9	0	0	0	0	0	U								
10	0	0	0		0	0								
11	0	О	0	0	0	0								
12	0	0	0	0 0 0	0 0 0	0 0 0								
13	0	0	0	0	0	0								
14	0	0	0	0	0	0								
15	0	0	0	0	O C	O C								
16	0	0	С	0 C	С	С								
17	С	С	С	С	С	С								
18	С	С	0	0	0	0								
19	0	0	0	0	0	0								
20	0	0	0	0 0 0	0 0 0	0								
21	0	0	0	0	0	0 0 0								
22	0	0	0	0	0	0								
23	0	0	0	0	0	0								
24	0	0	0	0	0	0								
25	0	0	- 1	- 1	S	S								
26	S	S/M	М	М	M M/S	М								
27	М	М	М	М	M/S	S O								
28	S	S	0	0	0	0								
29		0	0	0	0	0								
30	0	0	0	0	0	0								

	October-17 Day Half Shifts													
Day			Half S	Shifts										
	0-4	4-8	8-12	12-16	16-20	20-24								
1	0	0	0	0	0	0								
2	0	0	0	0		0								
3	0 0 0	0 0 0	0	0 0 0 0 0 C	0	0 0								
4	0	0	0	0	0	0								
5	0	0	0	0	0	0								
6	0 0 C	0	U	0	0	0								
7	0	0	C C	С	С	C C								
8	С	0 C C	С	С	0 0 0 0 0 0 C C	С								
9	С	С	0	0	0	0								
10	0	0	0	0	0	0								
11	0	0 0 0	0	0 0 0 0	0 0 0 0	0 0 0 0								
12	0	0	0	0	0	0								
13	0	0	0	0	0	0								
14		0	0	0	0	0								
15	0	0	0	0	0									
16		0 0 0 S/M M	- 1	- 1	S M M/S	S								
17	S	S/M	М	М	М	М								
18	М	М	М	М	M/S	S								
19	S 0 0	S	S O O O	0 0 0 0	O	0								
20	0	0	0	0	0	0 0 0								
21	0	0	0	0	0	0								
22	0	0	0	0	0	0								
23	0	S O O O O O O O			0	0								
24	0 0	0	0	0	0	0								
25	0	0	0	0	0	0								
26	0	0	0	0	0	0								
27	0	0	0	0	0	0								
28	0	0	С	С	С	С								
29	0 C C	0 C C	C C O	0 0 C C	0 0 0 0 0 0 0 0 0 0	C C O								
30	С	С	0	0	0	0								
1 24	_	_	_	_	_									

	November-17													
Day	Half Shifts													
	0-4	4-8	8-12	12-16	16-20	20-24								
1	0	0	0	0	0	0								
2	0	0	0	0	0	0								
3	0 0 0	0	0	0	0	0								
4	0	0	0	0	0	0								
5 6	0	0	0	0	0	0								
		0	- 1	- 1	S	S								
7	S	S/M	М	М	М	М								
8	М	М	М	М	M/S	S								
9	S	S	S	0	0	0								
10	0	0	0	0	0	0								
11	0	0	0	0	0	0								
12	0	0	0	0	0	0								
13	O	0	0	0 0 C C	0	0								
14	0	0	0	0	0									
15	0	0	C C	С	С	C C								
16	C C	C C	С	С	С									
17	С		0	0	0	0								
18	0	0	0	0	0									
19	0	0	0	0	0	0								
20	0 0	0	0	0	0	0								
21	0	0	0	0	0	0								
22 23 24	0	0	S	S	S	S								
23	S	S	S	S	S	S								
24	S	S	S	S	S	S								
25	S	S	S	S	S	S								
26	S	S	S	S	S	S								
27	S	S	S	0	0	0								
28	0	0	0	0	0	0								
29	0	0	0		0	0								
30	0	0	0	0	0	0								

1	
1 0 0 0 0 0 2 0 0 0 0 0 3 0 0 0 0 0 4 0 0 S S S 5 S S D D D 6 D D D D D 7 D D D D D 8 D D D D D 9 D D D D D 10 D D D D D 9 D D D D D 10 D D D D D 11 D D D D D D 12 D D D D D D D 13 D D D D D D D D D D D D D D D	
1 0 0 0 0 0 2 0 0 0 0 0 3 0 0 0 0 0 4 0 0 S S S 5 S S D D D 6 D D D D D 7 D D D D D 8 D D D D D 9 D D D D D 10 D D D D D 9 D D D D D 10 D D D D D 11 D D D D D D 12 D D D D D D D 13 D D D D D D D D D D D D D D D	-24
3 O D	0
4 O O S S S 5 S S D D D 6 D D D D D 7 D D D D D 8 D D D D D 9 D D D D D 10 D D D D D 11 D D D D D D 12 D	0
5 S S D D D 6 D D D D D 7 D D D D D 8 D D D D D 9 D D D D D 10 D D D D D 11 D D D D D D 12 D	0
6 D D D D D 7 D D D D D 8 D D D D D 9 D D D D D 10 D D D D D 11 D D D D D 12 D D D D D 13 D D D D D D 14 D D D D D D D D 14 D<	S
7 D	D
8 D D D D D 9 D D D D D 10 D D D D D 11 D D D D D 12 D D D D D 13 D D D D D 14 D D D D D D 15 D D D D D D D 16 D </td <td>D</td>	D
9 D D D D D D D D D D D D D D D D D D D	D
10 D D D D D 11 D D D D D D 12 D D D D D D D 13 D D D D D D D D 14 D	D
11 D D D D 12 D D D D D 13 D D D D D D 14 D <td>D</td>	D
12 D D D D D 13 D D D D D D 14 D D D D D D D 15 D <td< td=""><td>D</td></td<>	D
13 D D D D D 14 D D D D D D 15 D D D D D D D 16 D <td< td=""><td>D</td></td<>	D
14 D D D D D 15 D D D D D 16 D D D D D 17 D D D D D 18 D D D D D 19 D D D D D 20 D D D D D 21 D D D D D 22 D D D D D 23 D D D D D 24 D D D D D 25 D D D D D 26 D D D D D	D
15 D D D D D 16 D D D D D 17 D D D D D 18 D D D D D 19 D D D D D 20 D D D D D 21 D D D D D 22 D D D D D 23 D D D D D 24 D D D D D 25 D D D D D 26 D D D D D	D
16 D D D D D 17 D D D D D 18 D D D D D 19 D D D D D 20 D D D D D 21 D D D D D 22 D D D D D 23 D D D D D 24 D D D D D 25 D D D D D 26 D D D D D	D
17 D D D D D 18 D D D D D 19 D D D D D 20 D D D D D 21 D D D D D 22 D D D D D 23 D D D D D 24 D D D D D 25 D D D D D 26 D D D D D	D
18 D D D D D 19 D D D D D 20 D D D D D 21 D D D D D 22 D D D D D 23 D D D D D 24 D D D D D 25 D D D D D 26 D D D D D	D
19 D D D D 20 D D D D D 21 D D D D D 22 D D D D D 23 D D D D D 24 D D D D D 25 D D D D D 26 D D D D D	D
20 D D D D 21 D D D D D 22 D D D D D D 23 D <td>D</td>	D
21 D D D D D 22 D D D D D D 23 D D D D D D D 24 D D D D D D D D 25 D D D D D D D D 26 D D D D D D D D	D
22 D D D D D 23 D D D D D D 24 D D D D D D D 25 D D D D D D D D 26 D D D D D D D	D
23 D D D D D 24 D D D D D 25 D D D D D 26 D D D D D	D
24 D D D D 25 D D D D D 26 D D D D D	D
25 D D D D D 26 D D D D D	D
26 D D D D	D
	D
	D
27 D D D D D	D
28 D D D D D	D
29 D D D D D	D
30 D D D D	D
31 D D D D D	D

May - Aug 2017 (2017-2)

Operation Status Legend

0	Accelerator Operations
S	Studies
М	Maintenance

C Commissioning
I Interlock Certification
D Shutdown

	Lab Holiday
N	Monday

May 15-17: NSLS-II/CFN Users' Meeting July 30: Summer Sunday Open House

May-17										
Day	Half Shifts									
- 3	0-4	4-8	8-12	12-16	16-20	20-24				
1 D		D	D	D	D	D				
2	D	D	D	D	D	D				
3	D	D	D	D	D	D				
4	D	D	D	D	D	D				
5	D	D	D	D	D	D				
6	D	D	D	D	D	D				
7	D	D	D	D	D	D				
8	D	D	D	D	D	D				
9	D	D	D	D	D	D				
10	D	D	D	D	D	D				
11	D	D	D	D	D	D				
12	D	D	D	D	D	D				
13	D	D	D	D	D	D				
14	D	D	D	D	D	D				
15	D	D	D	D	D	D				
16	D	D	D	D	D	D				
17	D	D	D	D	D	D				
18	D	D	S	S	S	S				
19	S	S	S	S	S	S				
20	S	S	S	S	S	S				
21	S	S	S	S	S	S				
22	S	S	S	0	0	0				
23	0	0	0	0	0	0				
24	0	0	0	0	0	0				
25	0	O	0	0	0	0				
26	0	0	0	0	0	0				
27	0	0	0	0	0	0				
28	0	0	0	0	0	0				
29	0 0 0 0		0	0	0					
30	0	0	1 1		S	S				
31	S	S/M	M	М	М	М				

June-17										
Day	Half Shifts									
	0-4	4-8	8-12	12-16	16-20	20-24				
1	М	М	М	М	M/S	S				
2	S	S	S	0	0	0				
3	0	0	0	0	0	0				
4	0 0 0	0	0	0	0	0				
5	0	0	0	0	0	0				
6	0	0	0	0 0 C 0	С	0 C 0				
7	0	С	0	0	0	0				
8	0	0	0	0	0	0				
9	0	0	0	0	0	0				
10	0	0	С	C C O O O O	C	C C O				
11	C	C	C C	С	С	С				
12	C	С	0	0	0	0				
13	0	0	0	0	0	0				
14	0	0	0	0	0	0				
15	0 0	0	0	0	0	0 0 0				
16	0	0	0	0	0	0				
17	0	0	0	0	0	0				
18	0	0	0	0	0	0				
19	0	0	l .	1	S	S				
20	S	S/M	М	M M	М	M				
21	М	M	M	М	M/S	S O				
22	S	S	0	0	0	0				
23	0	0	0	0	0	0				
24	0 0	0	0	0 0	0	0				
25	0	0	U	0	0	0				
26	0	0	0	0	0	0				
27	0	0	0	0 0 C C O 0		С				
28	С	C C O O		0	0	0 C 0				
29	0	O	0	0 0		0				
30 O		0	0	0	S	S				

July-17											
Day			Half !	Shifts							
	0-4	4-8	8-12	16-20	20-24						
1 S		S	S	S	S	S					
2	S	S	S	S	S	S					
3	S	S	S	S	S	S					
4	S	S	S	S	S	S					
5	S	S	S	0	0	0					
6	0	0	0	0	0	0					
7	0	0	0	0	0	0					
8	0	0	С	С	C	С					
9	С	С	С	С		С					
10	С	С	0	0	0	0 0 0 0					
11	0	0	0	0	0	О					
12	0	0	0	0	0	О					
13	.0	0	0	0	0	О					
14	0	0	0	0	0	0					
15	0	.0	0	0	0	О					
16	0	0	0	0	0	0					
17	0	0	- 1	- 1	S	S					
18	S	S/M	M	М	М	M					
19	М	М	М	М	M/S	S					
20	S	S	0	0	0	0					
21	0	0	0	0	0.	0					
22	0	0	0	0	0	0					
23	0	0	0	0	0	0					
24	0	0	0	0	0	U					
25	0	0	0	С	С	C O O C C C					
26	С	C 0	0	0	0	0					
27	0	0	0	0	0	0					
28	0	0	- 0	0	O C C	0					
29	.0	0 0		0 0 0		С	CCC				
30	C	C	С	С							
31	С	С	0	0	0	0					

Day			August-17											
	0-4	4-8	8-12	12-16	16-20	20-24								
1	0	0 0		С	С	С								
2	С	С	0	0	0	0								
3	0	0	0	0	0	0								
4	0	0	0	0	0	0								
5	0	0	0.	0	0	0								
6	0	0	0	0	0	0								
7	0	0	S	S	S	S								
8	S	S	D	D	D	D								
9	D	D	D	D	D	D								
10	D	D	D	D	D	D								
11	D	D	D	D	D	D								
12	D	D	D	D	D	D								
13	D	D	D	D	D	D								
14	D	D	D	D	D	D								
15	D	D	D	D	D	D								
16	D	D	D	D	D	D								
17	D	D	D	D	D	D								
18	D	D	D	D	D	D								
19	D	D	D	D	D	D								
20	D	D	D	D	D	D								
21	D	D	D	D	D	D								
22	D	D	D	D	D	D								
23	D	D	D	D	D	D								
24	D	D	D	D	D	D								
25	D	D	D	D	D	D								
26	D	D	D	D	D	D								
27	D	D	D	D	D	D								
28	D	D	D	D	D	D								
29	D	D	D	D	D	D								
30	D	D D D D		D	D	D								
31	D	D	D	D	D	D								

Jan – Apr 2017 (2017-1)

0	Accelerator Operations	С	Commissioning		Lab Holiday
S	Studies	- 1	Interlock Certification	N	Monday
М	Maintenance	D	Shutdown		

	January-17 February-17												
Day			Half	Shifts			Day			Half :	Shifts		
	0-4	4-8	8-12	12-16	16-20	20-24		0-4	4-8	8-12	12-16	16-20	20-24
1	D	D	D	D	D	D	1	0	0	0	0	0	0
2	D	D	D	D	D	D	2	0	0	0	0	0	0
3	D	D	D	D	D	D	3	0	0	0	0	0	0
4	D	D	D	D	D	D	4	0	0	С	С	С	С
5	D	D	S	S	S	S	5	С	С	С	С	С	С
6	S	S	S	S	S	S	6	С	С	0	0	0	0
7	S	S	S	S	S	S	7	0	0	0	0	0	0
8	S	S	S	S	S	S	8	0	0	0	0	0	0
9	S	S	S	0	0	0	9	0	0	0	0	0	0
10	0	0	0	0	0	0	10	0	0	0	0	0	0
11	0	0	0	0	0	0	11	0	0	0	0	0	0
12	0	0	0	0	0	0	12	0	0	0	0	0	0
13	0	0	0	0	0	0	13	0	0	- 1	-1	S	S
14	0	0	0	0	0	0	14	S	S/M	M	М	М	М
15	0	0	С	С	С	С	15	M	M	M	М	M/S	S
16	С	С	0	0	0	0	16	S	S	0	0	0	0
17	0	0	0	0	0	0	17	0	0	0	0	0	0
18	0	0	0	0	0	0	18	0	0	0	0	0	0
19	0	0	0	0	0	0	19	0	0	0	0	0	0
20	0	0	0	0	0	0	20	0	0	0	0	0	0
21	0	0	0	0	0	0	21	0	0	0	С	С	С
22	0	0	С	С	С	С	22	С	С	0	0	0	0
23	С	С	1	1	S	S	23	0	0	0	0	0	0
24	S	S/M	M	M	M	M	24	0	0	0	0	0	0
25	М	M	M	M	M/S	S	25	0	0	С	С	С	С
26	S	S	0	0	0	0	26	С	С	С	С	С	С
27	0	0	0	0	0	0	27	С	С	0	0	0	0
28	0	0	0	0	0	0	28	0	0	0	0	0	0
29	0	0	0	0	0	0							
30	0	0	0	С	С	С							
21		_	0	0	0	0							

Day											
	0-4	4-8	8-12	12-16	16-20	20-24					
1	0	0	0	0	0	0	П				
2	0	0	0	0	0	0	Ì,				
3	0	0	0	0	0	0					
4	0	0	0	0	0	0					
5	0	0	0	0	0	0					
6	0	0	1		S	S					
7	S	S/M	M	M	М	M					
8	М	M	M	М	M/S	S					
9	S	S	0	0	0	0					
10	0	0	0	0	0	0					
11	0	0	0	0	0	0					
12	0	0	0	0	0	0					
13	0	0	0	0	0	0					
14	0	0	0	С	C	С					
15	С	С	0	0	0	0					
16	0	0	0	0	0	0					
17	0	0	0	0	0	0					
18	0	0	С	С	C	С					
19	С	С	С	С	С	С					
20	С	С	0	0	0	0					
21	0	0	0	0	0	0					
22	0	0	0	0	0	0					
23	0	0	0	0	0	0					
24	0	0	0	0	0	0					
25	0	0	0	0	0	0					
26	0	0	0	0	0	0					
27	0	0	-1	-1-	S	S					
28	S	S/M	М	М	М	М					
29	М	М	М	М	M/S	S					
30	S	S	0	0	0	0	Ш				
31	0	0	0	0	0	0					

April-17										
Day			Half	Shifts						
	0-4	4-8	8-12	12-16	16-20	20-24				
1	0	0	0	0	0	0				
2	0	0	0	0	0	0				
3	0	0	0	0	0	0				
4	0	0	0	С	С	С				
5	С	С	0	0	0	0				
6	0	0	0	0	0	0				
7	0	0	0	0	0	0				
8	0	0	C	С	С	С				
9	С	С	С	С	С	С				
10	С	С	0	0	0	0				
11	0	0	0	0	0	0				
12	0	0	0	0	0	0				
13	0	0	0	0	0	0				
14	0	0	0	S	S	S				
15	S	S	S	S	S	S				
16	S	S	S	S	S	S				
17	S	S	D	D	D	D				
18	D	D	D	D	D	D				
19	D	D	D	D	D	D				
20	D	D	D	D	D	D				
21	D	D	D	D	D	D				
22	D	D	D	D	D	D				
23	D	D	D	D	D	D				
24	D	D	D	D	D	D				
25	D	D	D	D	D	D				
26	D	D	D	D	D	D				
27	D	D	D	D	D	D				
28	D	D	D	D	D	D				
29	D	D	D	D	D	D				
30	D	D	D	D	D	D				

Sept – Dec 2016 (2016-3)

Operation Status Legend

0	Accelerator Operations	С	Commissioning		Lab Holiday
S	Studies	- 1	Interlock Certification	N	Monday
М	Maintenance	D	Shutdown		

		Sep	tembe	r-16		
Day			(67.55) A. C.	Shifts		
	0-4	4-8	8-12	12-16	16-20	20-24
1	D	D	D	D	D	D
2	D	D	D	D	D	D
3	D	D	D	D	D	D
4	D	D	D	D	D	D
5	D	D	D	D	D	D
6	D	D	D	D	D	D
7	D	D	D	D	D	D
8	D	D	D	D	D	D
9	D	D	D	D	D	D
10	D	D	D	D	D	D
11	D	D	D	D	D	D
12	D	D	D	D	D	D
13	D	D	D	D	D	D
14	D	D	D	D	D	D
15	D	D	D	D	D	D
16	D	D	D	D	D	D
17	D	D	D	D	D	D
18	D	D	D	D	D	D
19	D	D	D	D	D	D
20	D	D	D	D	D	D
21	۵	D	D	D	D	D
22	D	D	D	D	D	D
23	D	D	D	D	D	D
24	D	D	D	D	D	D
25	D	D	D	D	D	D
26	D	D	D	D	D	D
27	D	D	D	D	D	D
28	D	D	S	S	S	S
29	S	S	S	S	S	S
30	S	S	S	S	S	S

Day			Half	Shifts		
- 100	0-4	4-8	8-12	12-16	16-20	20-24
1	S	S	S	S	S	S
2	S	S	S	S	S	S
3	S	S	0	0	0	0
4	0	0	0	0	0	0
5	0	0	0	0	0	0
6	0	0	0	0	0	0
7	0	0	0	0	0	0
8	0	0	С	С	С	С
9	С	С	С	С	С	С
10	С	С	0	0	0	0
11	0	0	0	0	0	0
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	- 1		S	S
18	S	S/M	М	М	М	М
19	M	M	M	M	M/S	S
20	S	S	0	0	0	0
21	0	0	0	0	0	0
22	0	0	0	0	0	0
23	0	0	0	0	0	0
24	0	0	0	0	0	0
25	0	0	0	С	С	С
26	С	С	0	0	0	0
27	0	0	0	0	0	0
28	0	0	0	0	0	0
29	0	0	0	С	С	C
30	С	С	С	С	С	С
31	С	С	0	0	0	0

October-16

November-16											
Day			Half :	Shifts							
	0-4	4-8	8-12	12-16	16-20	20-24					
1	0	0	0	0	0	0					
2	0	0	0	0	0	0					
3	0	0	0	0	0	0					
4	0	0	0	0	0	0					
5	0	0	0	0	0	0					
6	0	0	0	0	0	0					
7	0	0	- 1	- 1	S	S					
8	S	S/M	М	М	М	М					
9	М	M	M	М	M/S	S					
10	S	S	0	0	0	0					
11	0	0	0	0	0	0					
12	0	0	0	0	0	0					
13	0	0	0	0	0	0					
14	0	0	0	0	0	0					
15	0	0	0	С	С	С					
16	C	С	0	0	0	0					
17	0	0	0	0	0	0					
18	0	0	0	0	0	0					
19	0	0	0	0	0	0					
20	0	0	0	0	0	0					
21	0	0	0	0	0	0					
22	0	0	0	0	0	0					
23	0	0	0	0	D	D					
24	D	D	D	D	D	D					
25	D	D	D	D	D	D					
26	D	D	S	S	S	S					
27	S	S	S	S	S	S					
28	S	S	0	0	0	0					
29	0	0	0	0	0	0					
30	0	0	0	0	0	0					

1			De	cembe	r-16		
1	Day			Half !	Shifts		
2		0-4	4-8	8-12	12-16	16-20	20-24
3 O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O D	1	0	0	0	0	0	0
4 O D	2	0	0	0	0	0	0
5 O O D	3	0	0	0	0	0	0
6 D		0	0	0	0	0	0
7 D	5	0	0	D	D	D	D
8 D	6	D	D	D		D	1100
9 D D D D D D D D D D D D D D D D D D D	7	D	D	D	D	۵	۵
10 D	8	D	D	D	۵	D	D
11 D	9	D	D	D	D	D	D
12 D	10	D	D	D	D	D	D
13 D D D D D D D D D D D D D D D D D	100000	D	D	D	D	D	D
14 D	12	D	D	D	D	D	D
15 D D D D D D D D D D D D D D D D D D D	13	D	D	D	D	D	D
16 D	14	D	D	D	D	D	D
17 D D D D D D 18 D D D D D D D 19 D D D D D D D D 20 D D D D D D D D 21 D D D D D D D D D 22 D 24 D	15	D	D	D	D	D	D
18 D D D D D D 19 D D D D D D 20 D D D D D D 21 D D D D D D 22 D D D D D D 23 D D D D D D 24 D D D D D D 25 D D D D D D 26 D D D D D D 27 D D D D D D 28 D D D D D D 30 D D D D D D	16	D	D	D	D	D	D
19 D D D D D D 20 D D D D D D D 21 D D D D D D D D 22 D D D D D D D D 23 D D D D D D D D 24 D D D D D D D D 25 D D D D D D D D 26 D D D D D D D D 27 D D D D D D D D 28 D D D D D D D D 30 D D D D D D D D	17	D	D	D	D	D	D
20 D	18	D	D	D	D	D	D
21 D D D D D D 22 D D D D D D D 23 D D D D D D D D 24 D <td>19</td> <td>D</td> <td>D</td> <td>D</td> <td>D</td> <td>D</td> <td></td>	19	D	D	D	D	D	
22 D D D D D D 23 D D D D D D D 24 D D D D D D D D 25 D D D D D D D D 26 D D D D D D D D 27 D D D D D D D D 28 D D D D D D D 30 D D D D D D D	20	D	D	D	D	D	D
23 D D D D D D 24 D D D D D D D 25 D D D D D D D D 26 D <td>21</td> <td>D</td> <td>D</td> <td>D</td> <td>D</td> <td>Q</td> <td>D</td>	21	D	D	D	D	Q	D
24 D D D D D D 25 D D D D D D 26 D D D D D D 27 D D D D D D 28 D D D D D D 29 D D D D D D 30 D D D D D D	22	D	D	D	D	D	D
25 D D D D D D 26 D D D D D D D 27 D D D D D D D 28 D D D D D D D 29 D D D D D D D 30 D D D D D D D	23	D	D	D	D	D	D
26 D D D D D D 27 D D D D D D D 28 D D D D D D D D 29 D D D D D D D D D 30 D D D D D D D D	24	D	D	D	D	D	D
27 D D D D D D 28 D D D D D D D 29 D D D D D D D 30 D D D D D D D	25	D	D	D	D	D	D
28 D D D D D D 29 D D D D D 30 D D D D D	26	D	D	D	D	D	D
29 D D D D D D D 30 D D	27	D	D	D	D	D	D
30 D D D D D	28	D	D	D	D	D	D
The state of the s	29	D	D	D	D	D	D
	30	D	D	D	D	D	D
31 D D D D D D	31	D	D	D	D	D	D

May – Aug 2016 (2016-2)

0	Accelerator Operations	С	Commissioning		Lab Holiday
S	Studies	- 1	Interlock Certification	N	Monday
М	Maintenance	D	Shutdown		

	May-16						June-16						July-16				August-16										
Day			Half	Shifts			Day			Half	Shifts			Day			Half	Shifts			Day			Half	Shifts		
	0-4	4-8	8-12	12-16	16-20	20-24		0-4	4-8	8-12	12-16	16-20	20-24		0-4	4-8	8-12	12-16	16-20	20-24	2	0-4	4-8	8-12	12-16	16-20	20-24
1	D	D	D	D	D	D	1	S	S	S	S	S	S	1	0	0	0	0	0	0	1	0	0	0	0	0	0
2	D	D	D	D	D	D	2	S	S	S	S	S	S	2	0	0	0	0	0	0	2	0	0	0	0	0	0
3	D	D	D	D	D	D	3	S	S	S	0	0	0	3	0	0	0	0	0	0	3	0	0	0	0	0	0
4	D	D	D	D	D	D	4	0	0	0	0	0	0	4	0	0	0	0	0	0	4	0	0	0	0	0	0
5	D	D	D	D	D	D	5	0	0	0	0	0	0	5	0	0	0	0	0	0	5	0	0	0	0	0	0
6	D	D	D	D	D	D	6	0	0	0	0	0	0	6	0	0	0	0	0	0	6	0	0	0	S	S	S
7	D	D	D	D	D	D	7	0	0	0	0	0	0	7	0	0	0	0	0	0	7	S	S	S	S	S	S
8	D	D	D	D	D	D	8	0	0	0	0	0	0	8	0	0	0	0	0	0	8	S	S	S	S	S	S
9	D	D	D	D	D	D	9	0	0	0	0	0	0	9	0	0	0	S	S	S	9	S	S/M	M	M	M	M
10	D	D	D	D	D	D	10	0	0	0	0	0	0	10	S	S	S	S	S	S	10	М	Μ	M	М	M/S	S
11	D	D	D	D	D	D	11	0	0	0	S	S	S	11	S	S	S	S	S	S	11	S	S	0	0	0	0
12	D	D	D	D	D	D	12	S	S	S	S	S	S	12	S	S/M	М	М	М	M	12	0	0	0	0	0	0
13	D	D	D	D	D	D	13	S	S	S	S	S	S	13	М	М	М	М	M/S	S	13	0	0	0	0	0	0
14	D	D	D	D	D	D	14	S	S/M	М	М	М	М	14	S	S	0	0	0	0	14	0	0	0	0	0	0
15	D	D	D	D	D	D	15	М	М	М	M	M/S	S	15	0	0	0	0	0	0	15	0	0	0	0	0	0
16	D	D	D	D	D	D	16	S	S	0	0	0	0	16	0	0	0	0	0	0	16	0	O/M	M	M	M	M
17	D	D	D	D	D	D	17	0	0	0	0	0	0	17	0	0	0	0	0	0	17	M	M	M	M	M/S	S
18	D	D	D	D	D	D	18	0	0	0	0	0	0	18	0	0	0	0	0	0	18	S	S	0	0	0	0
19	D	D	D	D	D	D	19	0	0	0	0	0	0	19	0	0	0	0	0	0	19	0	0	0	0	0	0
20	D	D	D	D	D	D	20	0	0	0	0	0	0	20	0	0	0	0	0	0	20	0	0	0	0	0	0
21	D	D	D	D	D	D	21	0	0	0	0	0	0	21	0	0	0	0	0	0	21	0	0	0	0	0	0
22	D	D	D	D	D	D	22	0	0	0	0	0	0	22	0	0	0	0	0	0	22	0	0	0	0	0	0
23	D	D	D	D	D	D	23	0	0	0	0	0	0	23	0	0	0	S	S	S	23	0	0	0	0	0	0
24	D	D	D	D	D	D	24	0	0	0	0	0	0	24*	S	S	S	S	S	S	24	0	0	0	0	0	0
25	D	D	D	D	D	D	25	0	0	0	S	S	S	25	S	S	S	S	S	S	25	0	0	0	0	0	0
26	D	D	D	D	D	D	26	S	S	S	S	S	S	26	S	S/M	M	М	М	M	26	0	0	0	S	S	S
27	D	D	D	D	D	D	27	S	S	S	S	S	S	27	М	М	М	М	M/S	S	27	S	S	S	S	S	S
28	D	D	D	D	D	D	28	S	S/M	М	M	M	M	28	S	S	0	0	0	0	28	S	S	S	S	S	S
29	D	D	D	D	D	D	29	М	М	М	М	M/S	S	29	0	0	0	0	0	0	29	S	S	S	S	S	S
30	D	D	D	D	D	D	30	S	S	0	0	0	0	30	0	0	0	0	0	0	30	S	S	D	D	D	D
31	D	D	S	S	S	S				100	1			31	0	0	0	0	0	0	31	D	D	D	D	D	D
														3	* Jul	/ 24 - Su	ımmer	Sunday									

Jan – Apr 2016 (2016-1)

0	Accelerator Operations	C	2	Commissioning		Lab Holiday
S	Studies	- 1	ı	Interlock Certification	N	Monday
М	Maintenance)	Shutdown		

		Jä	anuary	-16		
Day .				Shifts		
	0-4	4-8	8-12	12-16	16-20	20-24
1	۵	D	D	D	D	D
2	D	D	D	D	D	D
3	Δ	D	D	D	D	D
4	Δ	D	D	D	D	D
5	D	D	D	D	D	D
6	D	D	D	D	D	D
7	۵	D	D	D	D	D
8	D	D	D	D	D	D
9	D	D	D	D	D	D
10	D	D	D	D	D	D
11	D	D	S	S	S	S
12	S	S	S	S	S	S
13	S	S	S	S	S	S
14	S	S	S	S	S	S
15	S	S	S	S	S	S
16	S	S	S	S	S	S
17	S	S	S	S	S	S
18	S	S	S	S	S	S
19	S	S/M	М	М	M/S	S
20	S	S	S	S	S	S
21	S	S	S	S	0	0
22	0	0	0	0	0	0
23	0	0	0	0	0	0
24	0	0	0	0	0	0
25	0	0	S	S	S	S
26	S	S/M	М	М	M/S	S
27	S	S	0	0	0	0
28	0	0	0	0	0	0
29	0	0	0	0	0	0
30	0	0	0	0	0	0
31	0	0	0	0	0	0

February-16											
Day			Half :	Shifts							
e -	0-4	4-8	8-12	12-16	16-20	20-24					
1	0	0	0	0	0	0					
2	0	O/S	S	S	S	S					
3	S	S	0	0	0	0					
4	0	0	0	0	0	0					
5	0	0	0	0	0	0					
6	0	0	0	0	0	0					
7	0	0	0	S	S	S					
8	S	S/M	М	М	М	M					
9	Δ	М	Μ	М	M/S	S					
10	S	S	S	S	S	S					
11	S	S	0	0	0	0					
12	0	0	0	0	0	0					
13	0	0	0	0	0	0					
14	0	0	0	0	0	0					
15	0	0	0	0	0	0					
16	0	O/S	S	S	S	S					
17	S	S	0	0	0	0					
18	0	0	0	0	0	0					
19	0	0	0	0	0	0					
20	0	0	0	S	S	S					
21	S	S	S	S	S	S					
22	S	S/M	Σ	Μ	Δ	M					
23	М	М	М	М	M/S	S					
24	S	S	0	0	0	0					
25	0	0	0	0	0	0					
26	0	0	0	0	0	0					
27	0	0	0	0	0	0					
28	0	0	0	S	S	S					
29	S	S/M	М	М	M	М					

		1	March-	16		
Day			Half :	Shifts		
	0-4	4-8	8-12	12-16	16-20	20-24
1	М	M	M	M	M/S	S
2	S	S	S	S	S	S
3	S	S	0	0	0	0
4	0	0	0	0	0	0
5	0	0	0	0	0	0
6	0	0	0	0	0	0
7	0	0	0	0	0	0
8	0	O/S	S	S	S	S
9	S	S	0	0	0	0
10	0	0	0	0	0	0
11	0	0	0	0	0	0
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	O/S	S	S	S	S
16	S	S	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	S	S	S
20	S	S	S	S	S	S
21	S	S/M	M	M	М	М
22	М	М	М	M	M/S	S
23	S	S	0	0	0	0
24	0	0	0	0	0	0
25	0	0	0	0	0	0
26	0	0	0	0	0	0
27	0	0	0	0	0	0
28	0	0	0	0	0	0
29	0	O/S	S	S	S	S
30	S	S	0	0	0	0
31	0	0	0	0	0	0

		3	Aprii-1			
Day				Shifts		
	0-4	4-8	8-12	12-16	16-20	20-24
1	0	0	0	0	0	0
2	0	0	0	0	0	0
3	0	0	0	0	0	0
4	0	0	0	0	0	0
5	0	O/S	S	S	S	S
6	S	S	0	0	0	0
7	0	0	0	0	0	0
8	0	0	0	0	0	0
9	0	0	0	0	0	0
10	0	0	0	S	S	S
11	S	S/M	Μ	М	М	Μ
12	М	М	М	Μ	M/S	S
13	S	S	S	S	S	S
14	S	S	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	S	S	S	S
19	S	S	D	D	D	D
20	D	D	D	D	О	D
21	D	D	D	D	D	D
22	D	D	D	D	D	D
23	D	D	D	D	D	D
24	D	D	D	D	D	D
25	D	D	D	D	D	D
26	D	D	D	D	D	D
27	D	D	D	D	D	D
28	D	D	D	D	D	D
29	D	D	D	D	D	D
30	D	D	D	D	D	D
-8						