

# CY 2022 LUF Operating Schedule

## Version 1.4

### 10-Jun-2022

	FY22						FY23					
	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
1	1	1	1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9	9	9	9	9	9
10	10	10	10	10	10	10	10	10	10	10	10	10
11	11	11	11	11	11	11	11	11	11	11	11	11
12	12	12	12	12	12	12	12	12	12	12	12	12
13	13	13	13	13	13	13	13	13	13	13	13	13
14	14	14	14	14	14	14	14	14	14	14	14	14
15	15	15	15	15	15	15	15	15	15	15	15	15
16	16	16	16	16	16	16	16	16	16	16	16	16
17	17	17	17	17	17	17	17	17	17	17	17	17
18	18	18	18	18	18	18	18	18	18	18	18	18
19	19	19	19	19	19	19	19	19	19	19	19	19
20	20	20	20	20	20	20	20	20	20	20	20	20
21	21	21	21	21	21	21	21	21	21	21	21	21
22	22	22	22	22	22	22	22	22	22	22	22	22
23	23	23	23	23	23	23	23	23	23	23	23	23
24	24	24	24	24	24	24	24	24	24	24	24	24
25	25	25	25	25	25	25	25	25	25	25	25	25
26	26	26	26	26	26	26	26	26	26	26	26	26
27	27	27	27	27	27	27	27	27	27	27	27	27
28	28	28	28	28	28	28	28	28	28	28	28	28
29	29	29	29	29	29	29	29	29	29	29	29	29
30	30	30	30	30	30	30	30	30	30	30	30	30
31	31	31	31	31	31	31	31	31	31	31	31	31
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	

Code	Pattern	Description
0	[Red]	Outage Maintenance
0	[Blue]	Intra Run Cycle Maintenance
0	[Pink]	H- Ion Source Recycle
0	[Grey]	Documentation / Shut Down
0	[Yellow]	Start Up All Areas / Tune Recovery
#	[Light Blue]	Holiday and/or Laboratory Closure
#	[Light Yellow]	Weekend

Note:

- Schedule blocks represent 8 hr shifts from 0000-0800, 0800-1600, 1600-2400.
- PRad normal operating hours are typically 0700-1800. PRad and UCN hours are adjusted to account for these typical operating hours.
- The day shift on 10 Sep is reserved for LANSCE Family Day tours. No Beam to any areas.

Code	Pattern	Description	Lujan	T4	T2 linac	T2 PSR	PRAD	UCN	IPF
U1	[Green]	Production to All Areas with UCN	Y	Y	N	N	N	Y	Y
U2	[Light Green]	Tgt 2 Linac Beam, Production Other Areas with UCN	Y	N	Y	N	N	Y	Y
U3	[Light Blue]	Tgt 2 PSR Beam with IPF & UCN	N	N	N	Y	N	Y	Y
U4	[Light Green]	Production to All Areas with UCN EXCEPT LUJAN	N	Y	N	N	N	Y	Y
U5	[Light Green]	Tgt 2 Linac, Production Others with UCN EXCEPT LUJAN	N	N	Y	N	N	Y	Y
D	[Light Blue]	Machine Intervention / Studies	N	N	N	N	N	N	N
I	[Light Blue]	IPF Production Only	N	N	N	N	N	N	Y
P1	[Light Green]	Production to All Areas with pRad	Y	Y	N	N	Y	N	Y
P2	[Light Green]	Tgt 2 Linac, Production Other Areas with pRad	Y	N	Y	N	Y	N	Y
P3	[Light Green]	Tgt 2 PSR Beam with IPF & pRad	N	N	N	Y	Y	N	Y
P4	[Light Green]	Production to All Areas with pRad EXCEPT LUJAN	N	Y	N	N	N	Y	Y
P5	[Light Green]	Tgt 2 Linac, Production Others with pRad EXCEPT LUJAN	N	N	Y	N	Y	N	Y
[Red]	[Red]	Work in 1L Target areas, Production Others EXCEPT LUJAN AND WNR							
[Yellow]	[Yellow]	Tuning to 1L Target, Production Others EXCEPT LUJAN							

Duration of Beam Delivery	Shifts	Hours	Start Production
Lujan	231	1848	19-Sep-22
pRad	96	1056	5-Jul-22
UCN	323	2296	5-Jul-22
WNR Sole Use	12	96	Per Schedule
WNR Tgt 4	367	2936	10-Jul-22
WNR Tgt 2	41	328	Per Schedule
IPF	473	3784	13-Jun-22
Machine Intervention	34	272	Per Schedule