

CY 2022 LUF Operating Schedule

Version 1.6
30-Sep-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	■	Outage Maintenance
0	■	Intra Run Cycle Maintenance
0	■	H- Ion Source Recycle
0	■	Documentation / Shut Down
0	■	Start Up All Areas / Tune Recovery

- # Holiday and/or Laboratory Closure
- # 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

Code	Pattern	Description	Lujan	T4	T2 linac	T2 PSR	PRAD	UCN	IPF
U1	■	Production to All Areas with UCN	Y	Y	N	N	N	Y	Y
U2	■	Tgt 2 Linac, Production to All Areas with UCN EXCEPT LUJAN	Y	N	Y	N	N	Y	Y
U3	■	Tgt 2 PSR Beam with IPF & UCN	N	N	N	Y	N	Y	Y
U4	■	Production to All Areas with UCN EXCEPT LUJAN	N	Y	N	N	N	Y	Y
D	■	Machine Intervention / Studies	N	N	N	N	N	N	N
I	■	IPF Production Only	N	N	N	N	N	N	Y
P1	■	Production to All Areas with pRad	Y	Y	N	N	N	Y	Y
P2	■	Tgt 2 Linac, Production to All Areas with pRad EXCEPT LUJAN	Y	N	Y	N	Y	N	Y
P3	■	Tgt 2 PSR Beam with IPF & pRad	N	N	N	Y	Y	N	Y
P4	■	Production to All Areas with pRad EXCEPT LUJAN	N	Y	N	N	Y	N	Y
	■	1L Target work, Production Others EXCEPT LUJAN & WNR	N	N	N	N	S	S	Y
	■	Tuning to 1L Target, Production Others EXCEPT LUJAN	N	Y	N	N	S	S	Y
0	■	LANSCE Family Day Activities, no beam	N	N	N	N	N	N	N

Duration of Beam Delivery	Shifts	Hours	Start Production
Lujan	144	1152	28-Oct-22
pRad	96	1056	5-Jul-22
UCN	330	2352	5-Jul-22
WNR Sole Use	18	144	Per schedule
WNR Tgt 4	368	2944	10-Jul-22
WNR Tgt 2	47	376	Per Schedule
IPF	480	3840	13-Jun-22
Machine Intervention	26	208	Per Schedule