LANSCE Accelerator Start-Up Detailed Schedule - Run Cycle 2023, Version 1.2, 28 Mar 2023

Date	Maintenance (M)	Secure (S) Conditioning (C)	Interlock (I) Ops Check (E)		Tune (T) Beam Ops (P)	IA	IB	TA	TB	TD	A	TR	IPF	B	C/D	E/F	G/H	SY	LDN	LDS	PSR	1L	BR/T2	T4	Line B	Line C
	ERC Due	Secure	Operational Checks	Interlocks	Beam																					
30-Mar						M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
31-Mar	LFO - 9.7.A.2: 201 MHZ RF Conditioning					M	S	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
1-Apr						M	S	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
2-Apr						M	S	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
3-Apr	RFE - 9.4.C.1: RF Reference Source (201 ONLY)					M	S	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
4-Apr						M	S	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
5-Apr						M	S	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
6-Apr						M	S	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
7-Apr	9.2.E: 201 RF Conditioning LFO - 9.7.A.1: Injectors and Low Energy Transport IC - 9.12.B.1: H+ Injector IC - 9.12.B.2: H- Injector IC - 9.12.B.3: Low Energy Transport IC - 9.12.C.1: H+ Injector IC - 9.12.C.2: H- Injector IC - 9.12.C.3: Low Energy Transport, NOT (5a, 5c)					M	S	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
8-Apr		A, TR	201 RF			M	S	M	M	M	E	S	M	M	M	M	M	M	M	M	M	M	M	M	M	M
9-Apr			201 RF			M	S	M	M	M	E	S	M	M	M	M	M	M	M	M	M	M	M	M	M	M
10-Apr			201 RF			M	S	M	M	M	E	S	M	M	M	M	M	M	M	M	M	M	M	M	M	M
11-Apr		201 Conditioning				M	S	M	M	M	C	S	M	M	M	M	M	M	M	M	M	M	M	M	M	M
12-Apr		201 Conditioning				M	S	M	M	M	C	S	M	M	M	M	M	M	M	M	M	M	M	M	M	M
13-Apr		201 Conditioning				M	S	M	M	M	C	S	M	M	M	M	M	M	M	M	M	M	M	M	M	M
14-Apr	9.2.A: H+ Injector 9.2.B: H- Injector 9.2.C: H+ Transport 9.2.D: H- Transport RFE - 9.4.C.1: RF Reference Source (ALL) LFO - 9.7.A.6: 211 MeV/800 MeV/Switchyard IC - 9.12.B.4: 211 MeV IC - 9.12.C.3, 5c: Low Energy Transport (TD DIAG) IC - 9.12.C.5: 805 MHz RF Cond., NOT (7a-g) IC - 9.12.C.6: 211 MeV	201 Conditioning				M	S	M	M	M	C	S	M	M	M	M	M	M	M	M	M	M	M	M	M	M
15-Apr	TA-53 Family Day No 201 conditioning during day shift	IA, IB, TA, TB, TD 201 Conditioning	H- Inj/Trans , H+ Inj/Trans			E	E	E	E	E	C	S	M	M	M	M	M	M	M	M	M	M	M	M	M	M
16-Apr		201 Conditioning	H- Inj/Trans , H+ Inj/Trans			E	E	E	E	E	C	S	M	M	M	M	M	M	M	M	M	M	M	M	M	M
17-Apr	**CCR Full Staff** **Start On-Call**	201 Conditioning	H- Inj/Trans , H+ Inj/Trans		SOURCE	E	E	E	E	E	C	S	M	M	M	M	M	M	M	M	M	M	M	M	M	M
18-Apr	Sec A-B sprinkler hydrotest No 201 conditioning during day shift Date of test may change, tbd	201 Conditioning	H- Inj/Trans , H+ Inj/Trans		SOURCE	E	E	E	E	E	C	S	M	M	M	M	M	M	M	M	M	M	M	M	M	M
19-Apr		201 Conditioning	H+ Inj/Trans	H- Inj and Trans		E	E	E	E	E	C	S	M	M	M	M	M	M	M	M	M	M	M	M	M	M
20-Apr		201 Conditioning	H+ Inj/Trans	H- Inj and Trans		E	E	E	E	E	C	S	M	M	M	M	M	M	M	M	M	M	M	M	M	M
21-Apr	LFO - 9.7.A.3: 805 MHz RF Conditioning B-D IC - 9.12.C.3, 5a: Low Energy Transport (TA DIAG)	201 Conditioning	H+ Inj/Trans		H- 01BL Diag. Check	E	T	E	T	T	C	S	M	M	M	M	M	M	M	M	M	M	M	M	M	M
22-Apr		201 Conditioning	H+ Inj/Trans		H- 01BL Diag. Check	I	T	I	T	T	C	S	M	M	M	M	M	M	M	M	M	M	M	M	M	M
23-Apr		201 Conditioning	H+ Inj/Trans		H- 01BL Diag. Check	I	T	I	T	T	C	S	M	M	M	M	M	M	M	M	M	M	M	M	M	M
24-Apr		201 Conditioning	H+ Inj/Trans		H- 01BL Diag. Check	T	T	T	T	T	C	S	M	M	M	M	M	M	M	M	M	M	M	M	M	M
25-Apr		201 Conditioning		H+ Inj and Trans	H- 01BL Diag. Check	T	T	T	T	T	C	S	M	M	M	M	M	M	M	M	M	M	M	M	M	M
26-Apr		201 Conditioning		H+ Inj and Trans	H- 01BL Diag. Check	T	T	T	T	T	C	S	M	M	M	M	M	M	M	M	M	M	M	M	M	M

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Date	Maintenance (M)	Secure (S) Conditioning (C)	Interlock (I) Ops Check (E)		Tune (T) Beam Ops (P)	IA	IB	TA	TB	TD	A	TR	IPF	B	C/D	E/F	G/H	SY	LDN	LDS	PSR	1L	BR/T2	T4	Line B	Line C
	ERC Due	Secure	Operational Checks	Interlocks	Beam																					
27-Apr		201 Conditioning			H-/H+01BL Diag.	T	T	T	T	T	C	S	M	M	M	M	M	M	M	M	M	M	M	M	M	M
28-Apr	9.2.F: 805 Conditioning (B, C-D) 9.2.H: 211 MeV Mode LFO - 9.7.A.5: Isotope Production IC - 9.12.B.5: Isotope Production IC - 9.12.C.5, 7a-c: 805 MHz RF Cond. (B-D DIAG) IC - 9.12.C.7: Isotope Production	201 Conditioning			H-/H+01BL Diag.	T	T	T	T	T	C	S	M	M	M	M	M	M	M	M	M	M	M	M	M	M
29-Apr		B, C/D	211 Mode	IPBL01 Mode	H-/H+01BL Diag.	T	T	T	T	T	I	I	M	I	I	M	M	M	M	M	M	M	M	M	M	M
30-Apr			211 Mode	IPBL01 Mode	H-/H+01BL Diag.	T	T	T	T	T	I	I	M	I	I	M	M	M	M	M	M	M	M	M	M	M
1-May	**RCTs on Shift**		211 Mode		H-/H+01BL	T	T	T	T	T	E	E	M	E	E	M	M	M	M	M	M	M	M	M	M	M
2-May			211 Mode		H-/H+01BL	T	T	T	T	T	E	E	M	E	E	M	M	M	M	M	M	M	M	M	M	M
3-May				H+/H- 211 Mode	H-/H+01BL	T	T	T	T	T	I	I	M	I	I	M	M	M	M	M	M	M	M	M	M	M
4-May				H+/H- 211 Mode	H-/H+01BL LLRF System Check	T	T	T	T	T	I	I	M	I	I	M	M	M	M	M	M	M	M	M	M	M
5-May	9.2.I: IPF Target LFO - 9.7.A.4: 805 MHz RF Conditioning E-H IC - 9.12.B.6: 800 MeV/Switchyard IC - 9.12.C.8: 800 MeV/Switchyard			H+/H- 211 Mode	H-/H+01BL	T	T	T	T	T	S	I	M	I	I	M	M	M	M	M	M	M	M	M	M	M
6-May		IPF	IPF Target	H+/H- 211 Mode	H-/H+01BL	T	T	T	T	T	I	I	E	I	I	M	M	M	M	M	M	M	M	M	M	M
7-May			IPF Target		H+/H- to 211	T	T	T	T	T	T	T	E	T	T	M	M	M	M	M	M	M	M	M	M	M
8-May			IPF Target		H+/H- to 211	T	T	T	T	T	T	T	E	T	T	M	M	M	M	M	M	M	M	M	M	M
9-May			IPF Target		H+/H- to 211	T	T	T	T	T	T	T	E	T	T	M	M	M	M	M	M	M	M	M	M	M
10-May			IPF Target		H+/H- to 211	T	T	T	T	T	T	T	E	T	T	M	M	M	M	M	M	M	M	M	M	M
11-May				IPF Target	H+/H- to 211 LLRF High Peak	T	T	T	T	T	T	T	I	T	T	M	M	M	M	M	M	M	M	M	M	M
12-May				IPF Target	H+/H- to 211	T	T	T	T	T	T	T	I	T	T	M	M	M	M	M	M	M	M	M	M	M
13-May					H+/H- to 211	T	T	T	T	T	T	T	S	T	T	M	M	M	M	M	M	M	M	M	M	M
14-May					H+/H- to 211	T	T	T	T	T	T	T	S	T	T	M	M	M	M	M	M	M	M	M	M	M
15-May					SOURCE	S	S	S	S	S	S	S	S	S	S	M	M	M	M	M	M	M	M	M	M	M
16-May					SOURCE	S	S	S	S	S	S	S	S	S	S	M	M	M	M	M	M	M	M	M	M	M
17-May					IPBL	T	S	T	S	T	T	T	S	S	S	M	M	M	M	M	M	M	M	M	M	M
18-May					IPF Target	T	S	T	S	T	T	T	T	S	S	M	M	M	M	M	M	M	M	M	M	M
19-May	9.2.G: 805 RF Conditioning (E-H) 9.2.J: 800 MeV/Switchyard LFO - 9.7.A.7: Line D IC - 9.12.B.7: Line D South to RIKI IC - 9.12.B.8: PSR Tune-Up IC - 9.12.C.9: Line D/PSR/1L Target/Targets 2/4				IPF Target	T	S	T	S	T	T	T	T	S	S	M	M	M	M	M	M	M	M	M	M	M
20-May		E/F, G/H, SY, LDN, LBA	800, SY, Line D North		IPF Target	T	S	T	S	T	T	T	T	S	S	E	E	E	E	M	M	M	M	M	M	M
21-May			800, SY, Line D North			S	S	S	S	S	S	S	S	S	S	E	E	E	E	M	M	M	M	M	M	M
22-May			800, SY, Line D North			S	S	S	S	S	S	S	S	S	S	E	E	E	E	M	M	M	M	M	M	M
23-May			800, SY, Line D North			S	S	S	S	S	S	S	S	S	S	E	E	E	E	M	M	M	M	M	M	M
24-May			Line D North	H- 800 Mode		S	S	S	S	S	S	S	S	S	S	I	I	I	I	M	M	M	M	M	M	M
25-May			Line D North	H- 800 Mode		S	S	S	S	S	S	S	S	S	S	I	I	I	I	M	M	M	M	M	M	M
26-May	9.2.K: Line D South to RIKI 9.2.L: PSR Tune-Up		Line D North	H- 800 Mode		S	S	S	S	S	S	S	S	S	S	I	I	I	I	M	M	M	M	M	M	M
27-May		LDS, PSR	PSR, Line D South	H- 800 Mode		S	S	S	S	S	S	S	S	S	S	I	I	I	I	E	E	M	M	M	M	M
28-May			PSR, Line D South		H- to 800	S	T	S	T	T	T	T	S	T	T	T	T	T	S	E	E	M	M	M	M	M
29-May	Memorial Day Holiday		PSR, Line D South	Line D	H- to 800	S	T	S	T	T	T	T	S	T	T	T	T	T	I	I	E	M	M	M	M	M

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Date	Maintenance (M)	Secure (S) Conditioning (C)	Interlock (I) Ops Check (E)		Tune (T) Beam Ops (P)	IA	IB	TA	TB	TD	A	TR	IPF	B	C/D	E/F	G/H	SY	LDN	LDS	PSR	1L	BR/T2	T4	Line B	Line C
	ERC Due	Secure	Operational Checks	Interlocks	Beam																					
30-May			PSR, Line D South	Line D	H- to 800	S	T	S	T	T	T	T	S	T	T	T	T	T	I	I	E	M	M	M	M	M
31-May			Line D South	PSR	H- to 800	S	T	S	T	T	T	T	S	T	T	T	T	T	I	I	I	M	M	M	M	M
1-Jun			Line D South	PSR	H- to 800 LLRF High Peak	S	T	S	T	T	T	T	S	T	T	T	T	T	I	I	I	M	M	M	M	M
2-Jun	9.2.M:1L Target LFO - 9.7.A.8: Line B/C		Line D South	PSR	H- to 800	S	T	S	T	T	T	T	S	T	T	T	T	T	I	I	I	M	M	M	M	M
3-Jun		1L	1L Target	Line D South	H- to 800	S	T	S	T	T	T	T	S	T	T	T	T	T	I	I	S	E	M	M	M	M
4-Jun			1L Target	Line D South	H- to 800	S	T	S	T	T	T	T	S	T	T	T	T	T	I	I	S	E	M	M	M	M
5-Jun			1L Target		SOURCE	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	E	M	M	M	M
6-Jun			1L Target		SOURCE	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	E	M	M	M	M
7-Jun			1L Target		PSR RIBS/TUBS	S	T	S	T	T	T	T	S	T	T	T	T	T	T	T	T	E	M	M	M	M
8-Jun				Target 1	PSR RIBS/TUBS	S	T	S	T	T	T	T	S	T	T	T	T	T	T	T	T	I	M	M	M	M
9-Jun	9.2.N: Target 2/4 9.2.O Line B 9.2.P Line C			Target 1	PSR RIBS/TUBS	S	T	S	T	T	T	T	S	T	T	T	T	T	T	T	T	I	M	M	M	M
10-Jun		BR/T2, T4, Line B/C	WNR, Line B/C	Target 1	PSR RIBS/TUBS	S	T	S	T	T	T	T	S	T	T	T	T	T	T	T	T	I	E	E	E	E
11-Jun			WNR, Line B/C	Target 1	PSR RIBS/TUBS	S	T	S	T	T	T	T	S	T	T	T	T	T	T	T	T	I	E	E	E	E
12-Jun			WNR, Line B/C	Target 1	PSR RIBS/TUBS	S	T	S	T	T	T	T	S	T	T	T	T	T	T	T	T	I	E	E	E	E
13-Jun			WNR, Line B/C		1L Low Current	S	T	S	T	T	T	T	S	T	T	T	T	T	T	T	T	T	E	E	E	E
14-Jun			WNR	LX	1L Low Current	S	T	S	T	T	T	T	S	T	T	T	T	T	T	T	T	T	E	E	I	I
15-Jun			WNR	LX	1L Low Current	S	T	S	T	T	T	T	S	T	T	T	T	T	T	T	T	T	E	E	I	I
16-Jun			WNR	LX	1L Low Current	S	T	S	T	T	T	T	S	T	T	T	T	T	T	T	T	T	E	E	I	I
17-Jun			WNR	LX	1L High Current	S	T	S	T	T	T	T	S	T	T	T	T	T	T	T	T	T	E	E	I	I
18-Jun				WNR	1L High Current	S	T	S	T	T	T	T	S	T	T	T	T	T	T	T	T	T	I	I	S	S
19-Jun				WNR	1L High Current LLRF High Peak	S	T	S	T	T	T	T	S	T	T	T	T	T	T	T	T	T	I	I	S	S
20-Jun				WNR	1L High Current	S	T	S	T	T	T	T	S	T	T	T	T	T	T	T	T	T	I	I	S	S
21-Jun				WNR	Line B/C	S	T	S	T	T	T	T	S	T	T	T	T	T	S	S	S	S	I	I	T	T
22-Jun				WNR	Line B/C	S	T	S	T	T	T	T	S	T	T	T	T	T	S	S	S	S	I	I	T	T
23-Jun				WNR	Line B/C LLRF High Peak	S	T	S	T	T	T	T	S	T	T	T	T	T	S	S	S	S	I	I	T	T
24-Jun					Target 2/4	S	T	S	T	T	T	T	S	T	T	T	T	T	T	T	S	S	T	T	S	S
25-Jun					Target 2/4	S	T	S	T	T	T	T	S	T	T	T	T	T	T	T	S	S	T	T	S	S
26-Jun					SOURCE	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	I	I	S	S
27-Jun					SOURCE	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	I	I	S	S
28-Jun					Tune Recovery IPF Retune Target 2/4	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
29-Jun					Tune Contingency	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
30-Jun					Tune Contingency	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
1-Jul					Tune Contingency	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
2-Jul					Tune Contingency	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
3-Jul					Tune Contingency	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
4-Jul	Independence Day Holiday				Tune Contingency	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
5-Jul					Production All	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P