

DRAFT 2022 START UP SCHEDULE HIGH-LEVEL ACTIVITIES AND MILESTONES
V 2.0 - 06/07/2022

Activity ID	Activity Name	Start	Finish
1	Reference Source turnover checklists due	Complete	Complete
2	201 MHz RF Conditioning turnover checklists due (plus 9.3.D.3 magnet TR/IPF turnover checklists)	Complete	Complete
3	CCR Full Crew Staffing	Complete	Complete
4	Fulfill Sector A RF Processing Administrative Requirements	Complete	Complete
5	Sector A PACS secured for 201 RF Interlock checks and conditioning	Complete	Complete
6	201 RF conditioning and interlock checks (201 systems under control of AOT-RFE)	Complete	Complete
7	H+/H- 01BL01 Mode turnover checklists due	Complete	Complete
8	H+/H- ion sources ready for interlock checks	Complete	Complete
9	Perform H+ 01BL mode interlock checks and conditioning	Complete	Complete
10	Tune LEBT (TA) to 01BL Mode (note: includes RF feed forward adjustments)	Complete	Complete
11	H- Source recycle	Complete	Complete
12	Perform H- 01BL mode interlock checks and conditioning	Complete	Complete
13	Tune LEBT (TB) to 01BL Mode (note: includes RF feed forward adjustments)	Complete	Complete
14	211 MeV turnover checklists due	Complete	Complete
15	IPF turnover checklists due (through IPBL Mode)	Complete	Complete
16	805 MHz RF Conditioning - Sectors B and C turnover checklists due	Complete	Complete
17	211 RF systems turned over to OPS	Complete	Complete
18	Perform 211 mode H-/H+ interlock checks	Complete	Complete
19	Tune H- and H+ to 211 mode	Complete	Complete
20	IPF turnover checklists due (Target Mode)	Complete	Complete
21	Perform IPBL interlock checks	Complete	Complete
22	Tune to IPBL	Complete	Complete
23	Perform IPF Target interlock checks	Complete	Complete
24	805 MHz RF Conditioning - Sectors D-H turnover checklists due	Complete	Complete
25	800 MeV/Switchyard turnover checklists due	Complete	Complete
1	Tune to IPF Target/IPF Collimator Conditioning	6-Jun	12-Jun
2	800 mode RF systems turned over to OPS		8-Jun
3	Perform 800 mode interlock checks	9-Jun	12-Jun
4	Line B turnover checklist exceptions addressed		10-Jun
5	Line C turnover checklist exceptions addressed		10-Jun
6	Tune H- to 800 mode	13-Jun	22-Jun
7	Perform Line X/B/C mode interlock checks	13-Jun	14-Jun
8	Production beam to IPF		13-Jun
9	Line D South to RIKI turnover checklist exceptions addressed		14-Jun
10	Perform Common Checks for Beam to Line D to RIKI	15-Jun	16-Jun
11	PSR Tune-up turnover checklist exceptions addressed		16-Jun
12	Perform PSR Interlock Checks	17-Jun	20-Jun
13	Perform Common Checks for Beam to Line D South	21-Jun	23-Jun
14	Targets 2/4 turnover checklist exceptions addressed		22-Jun
15	Tune to RIBS/TUBS mode (including foil conditioning)	23-Jun	26-Jun
16	Perform Target 2/4 interlock checks	24-Jun	27-Jun
17	Tune to Target 2/4 (Note: includes radiation surveys)	27-Jun	29-Jun
18	Tune to Line B/C (Note: includes time for RF adjustments for UCN high peak tune)	26-Jun	28-Jun
19	H- Source recycle	29-Jun	30-Jun
20	H- Tune recovery	1-Jul	4-Jul
21	Production beam to all areas except 1L Target (No WNR operations weekdays 9-4)	5-Jul	
22	H- Source recycle	30-Jul	3-Aug
23	H- Tune recovery	3-Aug	5-Aug
24	1L Target turnover checklists due/FP12 and 13 shutters ready		23-Aug
25	PSR-WNR/Development/Source Recycle	23-Aug	30-Aug
26	Perform Target 1 interlock checks	23-Aug	30-Aug
27	H- Tune recovery	30-Aug	1-Sep
28	Tune low current to 1L (Note: includes low current surveys and target commissioning)	1-Sep	7-Sep
29	Tune for Production to 1L (Note: includes high current surveys and target commissioning)	8-Sep	11-Sep
30	Contingency target tuning and start up	12-Sep	18-Sep
31	Production beam to all areas	19-Sep	

Legend
Equipment Turnover Checklist Due Dates
Interlock Checks / Source Recycles and Maintenance / Administrative Requirements
Tuning Activities