

2025 START UP SCHEDULE HIGH-LEVEL ACTIVITIES AND MILESTONES VERSION 1

| Activity ID | Activity Name | Start | Finish | Notes |
|-------------|--|--------|--------|---|
| 1 | 2024 Run Cycle Complete | | 20-Dec | |
| 2 | Winter Break - Walkdowns by CCR and Facilities | 25-Dec | 2-Jan | |
| 3 | Tuning - H+ and H- to 01BL | 2-Jan | 6-Jan | |
| 4 | Maintenance - Injs/LEBT- 2 Work Weeks | 6-Jan | 17-Jan | |
| 5 | H- Source Recycle | 14-Jan | 16-Jan | |
| 6 | Tuning - H+ and H- to 01BL | 18-Jan | 3-Feb | |
| 7 | IPF Building 984 Break Maintenance | 20-Jan | 31-Jan | Possibly deferred. If hot cell fan off then RCT surveys needed. |
| 8 | Maintenance - Injs/LEBT- 2 Work Weeks | 3-Feb | 14-Feb | |
| 9 | LANSCe Archiver Outage and Core Switch Replacement | 3-Feb | 14-Feb | 1 Week LCS downtime. |
| 10 | H- Source Recycle | 11-Feb | 13-Feb | |
| 11 | Tuning - H+ and H- to 01BL | 15-Feb | 3-Mar | |
| 12 | Linac Cooling Tower Maintenance | 3-Mar | 12-Mar | |
| 13 | Maintenance - Injs/LEBT- 2 Work Weeks | 3-Mar | 14-Mar | |
| 14 | H- Source Recycle | 11-Mar | 13-Mar | |
| 15 | LFO ERCs for 201/805 conditioning, IPF, and 211/800/SY due | | 14-Mar | |
| 16 | All 211 Mode Maintenance Complete | | 14-Mar | |
| 17 | Tuning - H+ and H- to 01BL | 15-Mar | 31-Mar | |
| 18 | ERCs for 201 MHz RF Conditioning, IPF portion in Sec A and 211 MeV | 17-Mar | 28-Mar | |
| 19 | All 805 Maintenance Complete | | 21-Mar | All 805 vac repair done |
| 20 | ERCs for 805 MHz RF Conditioning and 800 Mode | 22-Mar | 28-Mar | |
| 21 | Fulfill Sector A RF Processing Administrative Requirements | | 28-Mar | |
| 22 | All IPF Maintenance Complete | | 28-Mar | |
| 23 | 201 MHz RF Conditioning - Test new amplifiers | 28-Mar | 8-Apr | Assuming Tanks Not Let Up - 11 Calendar days |
| 24 | All other IPF ERCs (IPBL and Target Mode) | 29-Mar | 4-Apr | |
| 25 | Perform 800 mode interlock checks | 30-Mar | 31-Mar | |
| 26 | Maintenance - Injs/LEBT- 2 Work Weeks | 31-Mar | 9-Apr | 2 days shorter for H+ to 211 tuning |
| 27 | 805 Conditioning | 31-Mar | 17-Apr | |
| 28 | H- Source Recycle | 2-Apr | 4-Apr | |
| 29 | Perform IPBL and Target interlock checks | 5-Apr | 7-Apr | |
| 30 | Perform 211 mode interlock checks | 8-Apr | 10-Apr | |
| 31 | LFO Line D, B/C ERCs due (9.7.A.7, 9.7.A.8) | | 10-Apr | |
| 32 | Tune H+ to 211 mode | 10-Apr | 13-Apr | |
| 33 | Tune H- to 211 mode | 13-Apr | 17-Apr | |
| 34 | All Line D/PSR Maintenance Complete | | 15-Apr | |
| 35 | ERCs for Line D South to RIKI and PSR tuneup | 16-Apr | 22-Apr | |
| 36 | Tune to IPBL and IPF Target | 17-Apr | 19-Apr | |
| 37 | Tune H- to 800 mode | 19-Apr | 28-Apr | |
| 38 | Perform Common Checks for Beam to Line D to RIKI | 23-Apr | 25-Apr | |
| 39 | All Target 1 Maintenance Complete | | 25-Apr | |
| 40 | Perform PSR Interlock Checks | 26-Apr | 27-Apr | |
| 41 | ERCs for 1L Target | 26-Apr | 2-May | |
| 42 | H- Source recycle | 28-Apr | 30-Apr | Perform AOM 6.21 to minimize tuning impact (all PACS madeup) |
| 43 | Perform Common Checks for Beam to Line D South | 30-Apr | 1-May | |
| 44 | All Target 4 Maintenance Complete | | 2-May | |
| 45 | Tune to RIBS/TUBS mode (including foil conditioning) | 1-May | 5-May | |
| 46 | ERCs for Target 4 | 3-May | 9-May | |
| 47 | Perform Target 1 interlock checks | 3-May | 8-May | |
| 48 | PSR BPM Commissioning | 5-May | 19-May | |
| 49 | All Line X/B/C Maintenance Complete | | 9-May | |
| 50 | Tune low current to 1L - Continue BPM commission | 9-May | 14-May | |
| 51 | ERCs for Line B and C | 10-May | 16-May | |
| 52 | Tune high current to 1L and BPM commission (Note: Includes Radiation Surveys) | 17-May | 19-May | |
| 53 | Perform Target 2/4 interlock checks | 16-May | 20-May | |
| 54 | H- Source recycle | 19-May | 21-May | |
| 55 | Perform Line X/B/C mode interlock checks | 21-May | 24-May | |
| 56 | Tune high current to 1L | 22-May | 30-May | |
| 57 | Tune to Target 2/4 (Note: includes radiation surveys) | 30-May | 1-Jun | |
| 58 | Tune to Line B/C (Note: includes time for RF adjustments for UCN high peak tune) | 1-Jun | 3-Jun | |
| 59 | Tune to all areas - tune optimization | 3-Jun | 16-Jun | |
| 60 | H- Source recycle | 16-Jun | 17-Jun | |
| 61 | H- Tune recovery and tune optimization | 18-Jun | 19-Jun | |
| 62 | Production beam to all areas | | 19-Jun | |

| Legend |
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| Equipment Turnover Checklist Due Dates |
| Interlock Checks / Administrative Requirements |
| Tuning Activities |
| Maintenance Milestones |
| H- Source recycles and maintenance |