## CY 2023 LUF Operating Schedule

### Version 1.0

**21-Nov-2022**

<table>
<thead>
<tr>
<th>Code</th>
<th>Pattern</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Long Outage Maintenance</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Areas open for maintenance</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Start of H- Ion Source Recycle and Maintenance</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Documentation / Shut Down</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Start Up All Areas / Tune Recovery</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Start Up Upstream Areas / Maintenance Downstream</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Holiday and/or Laboratory Closure</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Weekend</td>
<td></td>
</tr>
</tbody>
</table>

### Code Patterns

- **U1**: Production to All Areas with UCN
- **U2**: Tgt 2 Linac Beam, Production Other Areas with UCN
- **U3**: Tgt 2 PSR Beam with IPF & UCN
- **D**: Machine Intervention / Studies
- **I**: IPF Production Only
- **P1**: Production to All Areas with pRad
- **P2**: Tgt 2 Linac, Production Other Areas with pRad
- **P3**: Tgt 2 PSR Beam with IPF & pRad

### 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 this.

### Duration of Beam Delivery

- **Lujan**: 462 3696 12-Jun-23
- **pRad**: 103 1133 12-Jun-23
- **UCN**: 359 2563 12-Jun-23
- **WNR Sole Use**: 0 0 Per Schedule
- **WNR Tgt 4**: 462 3696 12-Jun-23
- **WNR Tgt 2**: 0 0 Per Schedule
- **IPF**: 462 3696 12-Jun-23
- **Machine Intervention**: 24 192 Per Schedule

**Digitally signed by MICHAEL FURLANETTO (Affiliate)**

**Date**: 2022.11.28 16:31:46 -07'00'