

Controls SW Group Meeting

August 3, 2023

Agenda

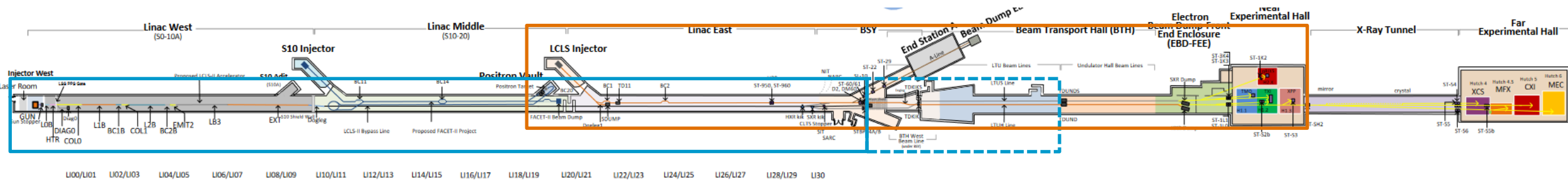
1. State of the machine
2. Upcoming schedules
3. Special presentation from Zach Domke

T. Summers

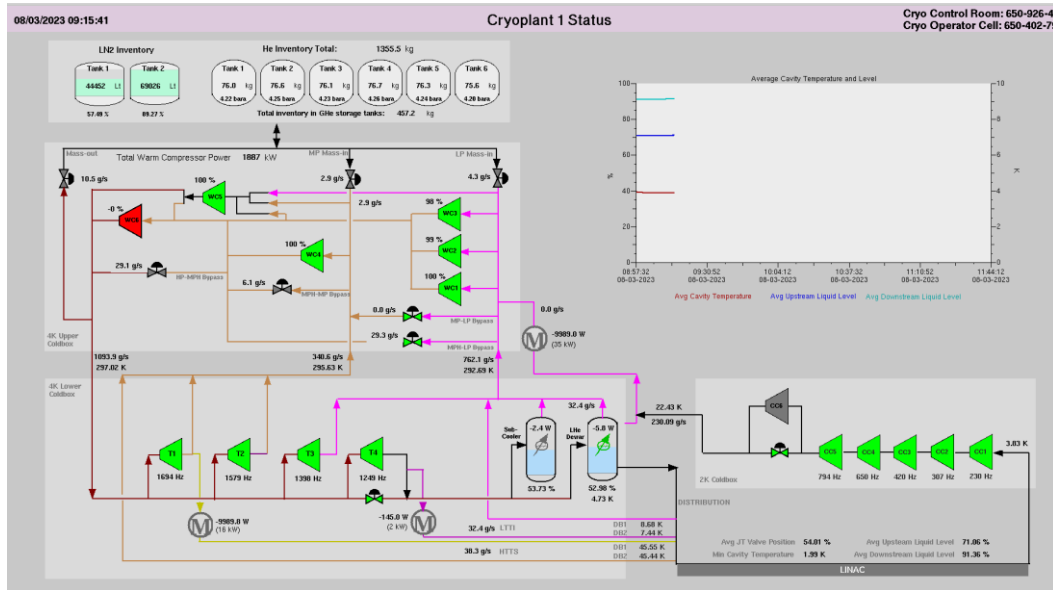
State of the Accelerators

Linac-wide PAMM ending soon

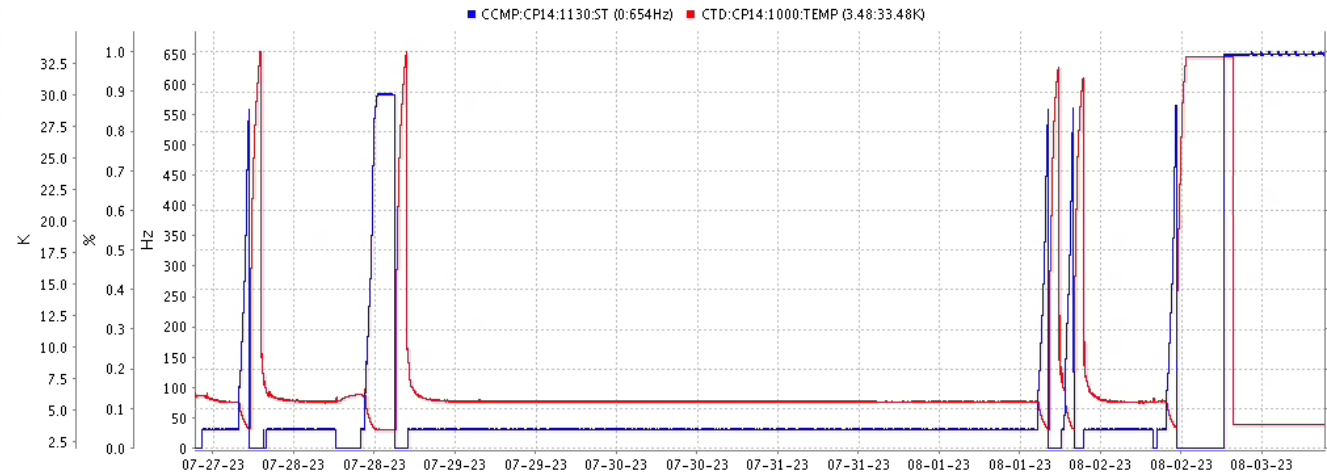
- **LCLS-SC: Plan to be send beam past BSY-Dump to the Spreader and LTU for the first time**
 - Progress delayed due to issues with one of the Cryoplant's 2K system compressors – resolved as of yesterday
- **FACET: Plan to restart the injector and start restore beam through the linac**
 - Started running beam through injector before the PAMM, resuming this afternoon
- **LCLS-Cu/NC: Plan to continue running to experiments on swing/owl shifts, standby during day for SC focus**
 - Next week they will run experiments through day shift as well



Following along with the cryoplant status



Last week – cold compressor Hz and return gas temperature



- Yesterday's 2K pump down was successful! The SC program can resume after the PAMM wraps up this afternoon.
- Now there is a problem with an oil leak on the warm compressor #6 (top-left on status page) but that's ok since they've switched over to #5 instead – they only need 5/6 to run.

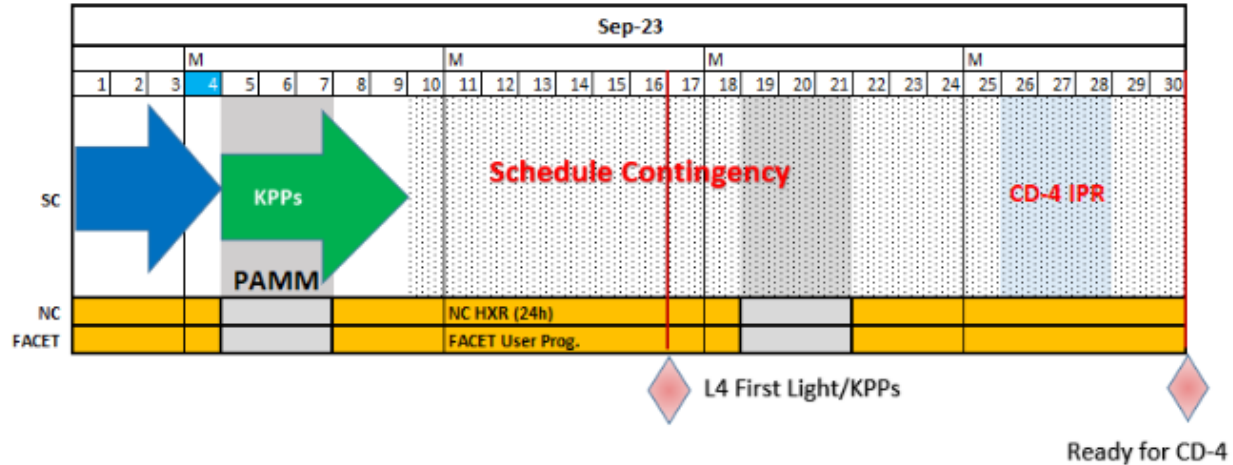
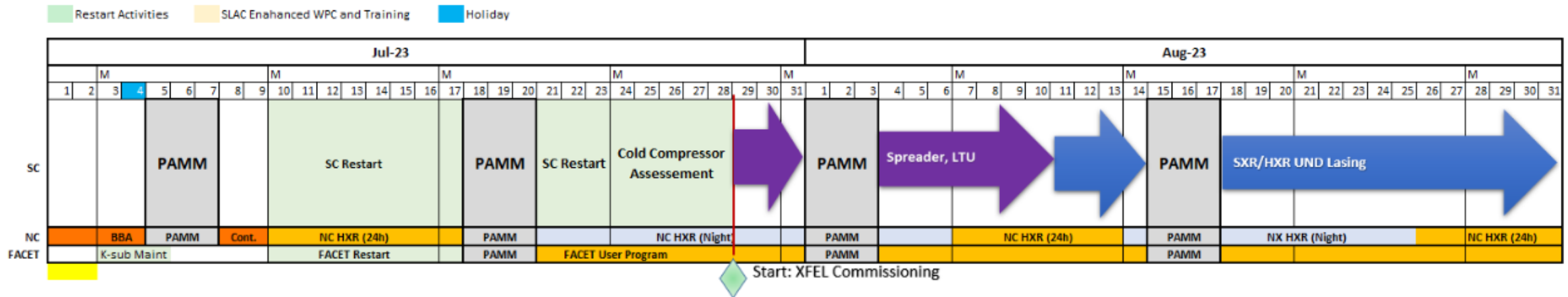
Upcoming maintenance periods

PAMM August 1-3 (Tuesday–Thursday) wrapping up today

- Next PAMM in two week – 8/15-8/17
- New buckets for winter downtime planning

<u>Start Date</u> ↓	<u>End Date</u>	<u>Program</u>	<u>Machine Status</u>	<u>Description</u>
11/27/2023	01/26/2024	AOSD LCLS	Downtime	Nov-Jan Linac West Downtime
11/27/2023	12/20/2023	All Accelerators	Downtime	Nov-Dec FACET & LCLS Cu Downtime
09/19/2023	09/21/2023	All Accelerators	PAMM	9/19-9/21 PAMM
09/05/2023	09/07/2023	All Accelerators	PAMM	9/5-9/7 PAMM
08/15/2023	08/17/2023	All Accelerators	PAMM	8/15-8/17 PAMM
08/01/2023	08/03/2023	All Accelerators	PAMM	8/1-8/3 PAMM

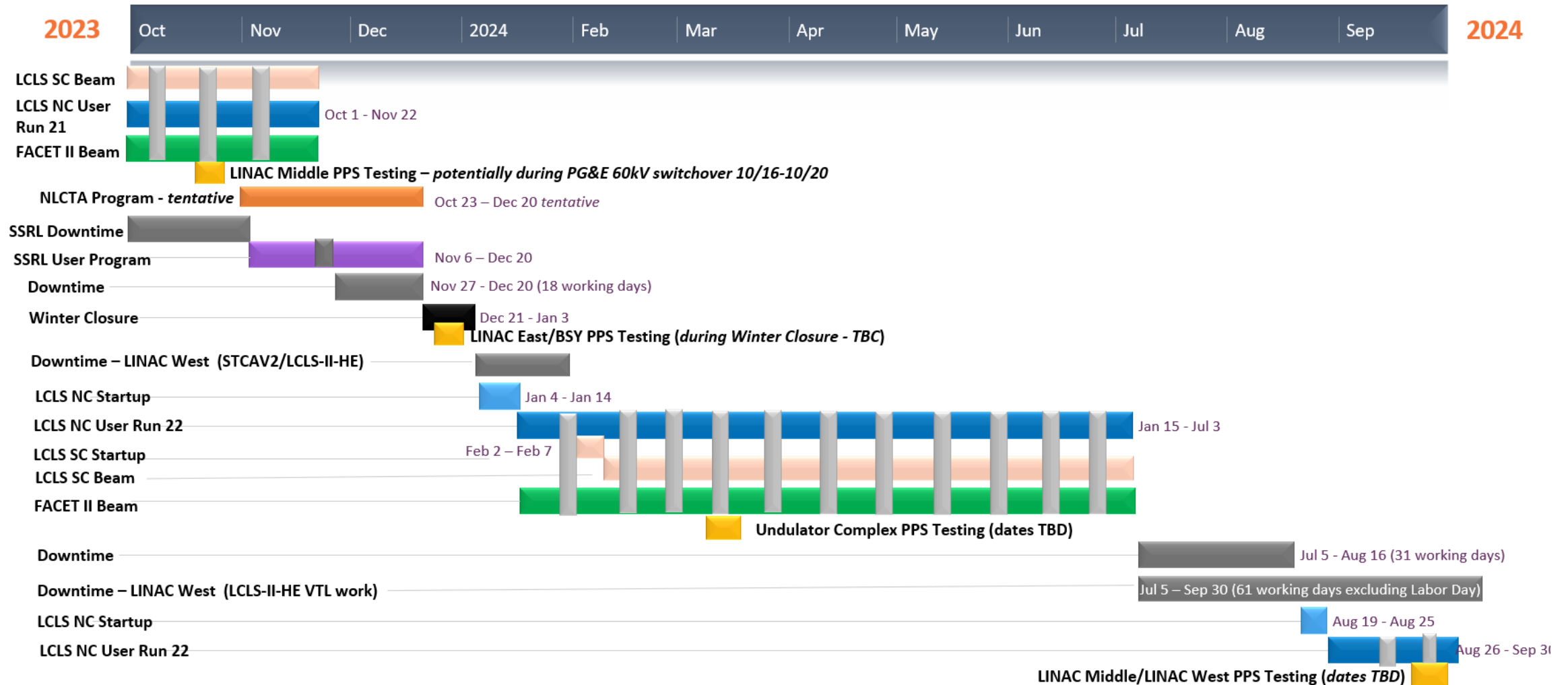
Looking ahead – big picture for following months



As of Jul 24, 2023

Activity	Durations
Restart Activities	8 days
SC Linac commissioning	14 days
PPS Recertification	4-7 days
Spreader LTU	10 days
SXR/HXR Und Lasing	22 days
Verify KPP's	5 days
1st Light	16-Sep
Ready for CD4	30-Sep

Looking ahead – big picture for following months



It's Performance Appraisal season!

Self-review is open now until August 14th

- See all-employee email sent Tuesday Aug. 1st
- <https://intranet.slac.stanford.edu/news/2023/08/performance-tool-now-open-self-reviews>

The screenshot shows the SLAC Today website interface. At the top, there is a navigation bar with the SLAC logo, the date "August 3, 2023", and links for "SLAC PUBLIC HOME", "STANFORD UNIVERSITY", "SLAC TODAY", and "SEARCH SLAC TODAY". Below this is a blue navigation menu with "CALENDAR", "NEWS", and "STAFF RESOURCES". The main content area features a news article titled "Performance tool now open for self-reviews" from Human Resources, dated August 1, 2023. The article includes a "get started" graphic, a "get started" button, and a circular progress indicator. The text of the article states that the performance tool is now open for the FY 2023 Performance Review period and provides instructions for employees and managers. A "FEATURED NEWS" sidebar on the right lists several other news items, including "Researchers show how to increase X-ray laser brightness and power using a crystal cavity and diamond mirrors", "Organizational announcement", "Symmetry: IceCube and NANOGrav open new windows onto the universe", "Reflecting on your achievements and lessons learned", and "Performance tool now open for self-reviews".

SLAC TODAY August 3, 2023 SLAC PUBLIC HOME | STANFORD UNIVERSITY SLAC TODAY SEARCH SLAC TODAY

CALENDAR NEWS STAFF RESOURCES

Performance tool now open for self-reviews

From Human Resources August 1, 2023

EMAIL PRINT

get started

SLAC's performance tool is now open for the FY 2023 Performance Review period. This article will review actions that employees need to take, along with a few performance tool updates.

All employees will have until Aug. 14 to complete their self-reviews using the performance tool. Managers, don't forget to complete your own self-review.

Comments entered in your self-review will form the basis of a productive performance conversation with your manager. Our analysis has shown that employees who write thoughtful, reflective comments about their performance tend to get more meaningful feedback from their managers

(iStockphoto.com/Aquir)

FEATURED NEWS

- Researchers show how to increase X-ray laser brightness and power using a crystal cavity and diamond mirrors
- Organizational announcement
- Symmetry: IceCube and NANOGrav open new windows onto the universe
- Reflecting on your achievements and lessons learned
- Performance tool now open for self-reviews

Special Presentation

Zach Domke – Updates to SC MPS GUI

A summary of the updates made to the SC MPS GUI added within the last year. We will begin with a brief description of what the application is. Then, focus on major improvements and features added followed by a brief description of the smaller updates at the end. Questions welcomed!