Present: Nena, Ashley, Matt, Katy, Liz, Bruno, Wendy, Clay, Steve, Bruce

**EFOG Presence onsite: 8/16/21-8/22/21**

Mon-Fri FC1: Bruno FC2: Katy

Shutdown on call week: Bruno

Weekend: Bruno OC

Vacation/DORs:
John 8/16

Wendy 8/18 ½ Day

Shane 8/16, 8/17, 8/18

**Events from last week**

* See Shutdown CCWP
* Second Power Shutdown 8/10
* 1-ID PS2 close to fail warnings: SI found that the shutter’s muffler was clogged
* Per S. Flood, 8/10: (FC log book): I was contacted directly by Michael Bartlein of 26ID because he was concerned that some of his equipment on emergency power was off. He is remote and was notified by an onsite BL tech. I investigated locally and found that Cir #19 from TERPC-X2-7 had tripped. I consulted with Michael to determine the most critical equipment. I relocated power for two ion pump racks to other emergency power circuits with assistance from Steve Bogdan and Katy Green. I verified that the pumps reset and were operating within, or at least close to, normal pressures with Michael. He also suggested disconnecting one of the turbo pumps hooked up to their mono. This roughly halved the load that was on the circuit that tripped. FAC reset Cir #19 and I confirmed that the second turbo pump reset. Michael was satisfied with the beamline being recovered to this extent. He plans on coming onsite later to address any lingering issues. I've left additional cords at the beamline so he can make any necessary adjustments to emergency power sources.

**Ongoing beamline issues/work on experimental floor**

* **See Shutdown CCWP spreadsheet**

**Work on Experimental Floor for LOM area - ongoing projects:**

* **See below for each FCs area**

**Items to look out for this Week**

* **Hazardous Gas Monitors**
* **Portable Oxygen monitors:** At 5ID-A and 20ID-A, please check for normal O2 levels (20.9%) and battery level ~2 times per week for on-shift personnel and please report to Bruno if there is a problem.
* **Portable Ozone Monitor:** At 33-IDE, please double check the wall mounted unit if it trips, please report to Bruno if there is a problem.
* **Portable CO Monitor**: At 10IDB, please check for CO levels (should be 0.0%) and battery level ~ 2 times per week, please report to Bruno if there is a problem.

**Other items to look out for this week:**

* **Eyewashes/LSI. Eyewashes** are due weekly and LSI are due at the end of the month.
* **Evening Shift reminder to send FC to MCR turnover email**
* **Prox Badges:** Staff and users must activate their prox badges by contacting the User Office (for users) or Ed Russell. The visitor office does not activate prox badges upon issuance. Call Connie Vanni (**630-951-8140** )for off hours prox card activation. Temporary prox cards should be signed out so can be tracked. VRC will reiterate to users that during the day that the users contact the User Office to activate prox badges. Remind resident beamlines to get their prox cards activated instead of issuing temp prox cards. Can call Connie afterhours

**28-ID IDEA Status**

* All surveys completed on installed door supplemental shielding. Will be added to CCCL and RSS tagged. AR still in place for power limiting on the pink mirror.
* 28ID-A cryo-deck installation by Scheck nearing completion. No Type C will be needed

**25-ID ASL Status**

* Electrical contractor (Meade) onsite installing hutch utilities. Utility poles being erected.
* Magnetic signs have been placed on all hutch doors
* 25ID-A shielding verification tentatively scheduled for October 2021 (need electric, water/air and PSS installed first).
* 25 has marked out a space on the end of the E hutch that is the outline of a future laser control room moving from Sector 11. This will necessitate a shift of the egress aisle which has been approved. 25-ID laser control room scheduled to be done by the end of 2021

**LBB Updates**

* **Activities This Week:** Exterior work continues. Mod C pad poured. Tank delivery TBD. Heat pump for mezzanine lift still in transit. ISN hutch door will be here hopefully in October.
* **Items to Keep an Eye on:**  none
* **Looking Ahead:** Parking lot installation will start during mini shutdown. Next 2 month look ahead will be in September.
* **Scheduling:** Typically contractors work from 7:00 a.m. - 3:30 p.m. LBB updates can be found at <https://www.aps.anl.gov/Machine-Status/Construction-Schedule/long-beamline-building-construction-schedule>

**437 build out**

* Contractor (Power Construction) using the 437 conference room as site office with work hours – 0700 to 1530.
* Scope of work (and financing) limited to a full build-out of the South labs (A and B pentagons) and rough shell of the North labs (D and E pentagons). Feb/Mar 2022 completion expected.
* Concrete cutting of floor on 8/9-10, material removal to follow
* Wall framing in progress
* Electrical demolition expected to take advantage of the second power shutdown and begin this week, subject to subcontractor availability
* Signage on doors to work area updated by contractor per Shane’s request (clarified construction and egress areas).

**APS Shutdown Planning**:

**Key links in BOX for information concerning Shutdown for FCs**

[**QEW Walkthroughs**](https://anl.box.com/s/4qnjosgrkgketaa9zd8vyrh1y53s7r1w)

[**2021-2 Supplemental Time Shutdown CCWP and Start-Up**](https://anl.box.com/s/xw3g1xwlcuzl7hvulip3xdijqiu9qz9i)

[**2021-3 Commissioning ESAFs**](https://anl.box.com/s/8yxtxyzqo7fc9oacf541wfsqcsriuicv)

[**FC Post Run Checklist 2021**](https://anl.box.com/s/k5qqvvjxu8kf34yp9cj68p0uyb48szfl)

[**FC Pre Run Checklist 2021**](https://anl.box.com/s/vkgzjf77gpdmyfklcbmhrd47ja2zcm7k)

1. **QEW Walthroughs and CCCL walkthroughs**
	1. **Use of Tim Smith for QEW**
* Tunnels close Aug 31. User Run starts 8am Sept 13.
* See 2021-2 Supplemental Time Shutdown CCWP list for detailed info for work
* New gate valve and ion pump to be installed in 9BM BLEPS
* FEEPS upgrades scheduled for ID lines in sectors 16, 17, 18, 19, 20, and 21
* PSS validations planned for 4ID, 7BM, 12BM/ID, 17BM/ID, 19BM/ID, 21ID, 24ID, 30ID, 33BM/ID. SI will add those FCs who volunteered to assist to the schedule. Look for release.
* Focusing mirror installation at 9BM. Will begin after the tunnels close, with work proceeding through all of Sep. Mike Fisher is the supervising engineer.
* Improvements will be made to the 400 roadway, in concert with upgrades to the concrete pads outside superdoors D, E, and possibly C. These doors will be inaccessible after the end of July and through much of August.
* Network switches will be replaced in sectors 17, 29, and 33. Given the disruption this recently caused in sector 11, affected FCs are advised to coordinate this with Brian Pruitt and affected BL staff. Schedule TBA

**LNDS Module C Shutdown**

* Affected areas Sectors 18-27
* Module C shutdown, drained and loto on Aug 13. Work to start on Aug 16 and plan to take 2-3 days-Going well, piping installed and refilling in process.
* Truck-Lock, and the vicinity of the truck-lock will be a construction area beginning Thursday, 08-12-2021, and continuing until this work is complete
* Sector 21 and 24 will maintain cooling to their mono. Dewars available for them to use. MOM group will resupply

**Power Shutdown**

* 8/5/21-8/6/21 conventional power switchgear X-4, X-5, and X-6 completed. This affected **beamline sectors 12-23 and LOMs 434, 435, and 436**.
* 8/10/21 0430 hrs, conventional power switchgear X-7, X-8, and X-9 completed. This affected **beamline sectors 24-35 and LOMs 437 and 438.**
* Any outstanding issues? Sector 26 and Sector 13

**Experiments of Note**

* Limited Operations + with approved ANL onsite users from divisions outside of PSC and some onsite external users with PSC ALD and DOE ASO approval.

ESAFs with onsite users from ANL divisions outside of PSC have been approved by DOE ASO. ESAFs with external (outside of ANL) onsite users have been approved by both PSC ALD and DOE ASO.

**Experiments Running: 8/9/2021 - 9/12/2021**

**Special Experiments:**

* None

**Long Duration Lab or No X-Ray ESAFs:**

* ESAF 241851 at Sector 33. Hui Cao and Xi Yan from MSD onsite at APS. Start 6/7/2021. End 9/30/2021.

**Round Table Discussion**

Nena

* **Increasing EFOG presence on site:** if you are not on shift for the week please be on site at least **3** days a week.
* A folder has been created in EFOG Shared in Box entitled [Floor Coordinator Responsibilities and Information.](https://anl.app.box.com/folder/131729137561)
	+ [FC ON Shift Responsibilities](https://anl.app.box.com/file/770704936353?s=qtmlutaaipmcs1v5zuth4f99x8qgrng8)
	+ [FC Shift Exchange Template for MCR](https://anl.app.box.com/file/770699580232)
	+ [Floor Coordinator Responsibilities for Three-Year Sector Safety Reviews](https://anl.app.box.com/file/776611770090)
	+ [Troubling Shooting FC1/FC2 Paging System](https://anl.app.box.com/file/792938639787)
* EFO Group Training- Please take all expired training courses
* EFO Group Procedures- Please complete all procedures that Kelly Jaje sent. If you would like to be taken off a procedure please let me know and I will reassign.
* **Performance Appraisals: System will open for employee self eval Sept 8th -30th**
	+ **Manager review due by Oct 18**
	+ **AES normalization meeting week of Oct 25**
	+ **PSC normalization meeting Nov 5**
	+ **Release of final ratings and meet with employees must be completed by Dec 15**
* Interim GL for Survey and Alignment is Keith Knight. Route procedures to him but CCWPs should still go to responsible engineer/ Rolando

Bruno

* 7-ID-C: New AC being added to the hutch - The 7ID staff will now be working with Camelia Mititelu, a Mech./HVAC Engineer from FAC-BM, to tie into the existing HVAC connection from 7IDD and run it to 7IDC. This project is expected to be finished no later than the May 2022 Shutdown.
* 7-ID-C: New robot tie into PSS interlock safety system – The SI Group is currently running signal cable from the 7IDC 15U panel to the robot controller, at which point, the beamline staff will be making the final connections to the controller.
* 6-ID-C: Sprinkler System - Alex Smith from FAC- Fire Protection Services to put a design through Patti’s committee. FAC-Fire Protection is waiting for all high flammable hutches to be identified before designing the 6IDC fire suppression system.
* 7-BM: Delta Industries will be onsite August 25th to maintenance and start up Alan Kastengren’s Kaeser compressor system to be used by experimenters starting this upcoming September. The WPC/JSA, for this work, is presently posted on my office door (432 FC) and the WEC is posted on the bulletin board just outside and next to my office (432 FC).
* 6-ID-B: Phil Ryan has stated that he will not need the vendor for his X-ray generator to come onsite after all, the start up process is all taking place by remote means and he is satisfied with the progress.
* CCCL & QEW Walk-throughs for sectors 5 through 8: I have printed/prepared all QEW & CCCL sheets for 5BM through 8ID and have begun my walk-throughs for the August/September 2021 Shutdown.

Liz

* Need information (RSS Interface docs, CCCL, ARs) from **Clay** re: 9-BM for the XSD-SPC TYSSR
* XSD-SPC TYSSR scheduled for Tuesday, August 24 at 11am on Teams
* Please have all EAs and Checklists from the 2021-2 run through August 2, 2021 to Liz by **August 25** so that the documents can be scanned into ICMS
* Email will be sent to beamlines on Monday, September 13 requesting submission of commissioning ESAFs for 2021-3

Ashley

* Fire supply tie-in for LBB is complete. Water is back on. Temporary water hoses in 435 truck lock will be removed.
* There is a suspected water leak is 21ID-A. When water pumps are returned to full speed tomorrow, I’ll investigate and get MOM involved if needed.
* If anyone wants off procedures, please let Nena know.
* Start-up walkthroughs have not been started. Planning to begin after Mod C is restored.

Steve

* CCWP posted at 32 ID to remove and re-install cryo tubes through utility labyrinth if possible or roof labyrinth.
	+ CCWP also posted to LOTO compressed air to the beamline.
* Will begin start-up walkthroughs this week.

Matt

* John from Rigaku will be coming to APS to do some robot maintenance Aug 23-26 at 15-ID, he will be stopping by 19-ID to do some maintenance as well.
* 20-BM-B installing gaseous N2 line – work finished today. Installed gas auto change over system.

Katy

* Nothing further

Wendy

* Nothing further

Shane

* See Sections on 25, 28, and events of last week (power issue with 26-ID)

Clay

* Nothing further

Bruce

* Yu working on request for locking down experimenters tab on ESAF