Present: Nena, Matt, Katy, Liz, Ashley, Wendy, Bruce, Bruno, John

**EFOG Presence onsite: 10/18/21-10/24/21**

Mon-Fri FC1: Ashley Mon FCI: John Tues FC2: Matt

Evenings Mon-Fri: Bruno

Weekend: Katy

**Vacation/DORs:**

Ashley-½ DOR 10/22

Steve-Sick 10/18, 10/19

**Events from last week**

* **Sector 31 water leak in FM2 recap and status. Beamline Down Report started**
  + **Wednesday, 10/13**
    - Water leak on the fixed mask 2 in the 31ID front end caused a beam dump at 02:14. Water has been turned off to the 31ID FM2, management and work groups discussing how to proceed with the repair and return of user beam. APS enable removed from 31ID-A and the beamline globally offline.
    - CCWP posted to isolate the channel on FM2 that was leaking and block it off. Water flow restored to FM2 using the existing channels. The flow is sufficient for FEEPS and SR operations.
    - 31ID remains global offline and APS disabled, user operations resumed at 6pm.
    - Downtime report started: [781](https://beam.aps.anl.gov/pls/apsweb/bdr_display.event?i_pid=878838000172910&i_app_id=2&i_token=&i_bdr_id=6076)
    - Sensors were also placed on FM2 to monitor the temperature of the mask and water on both sides. Alarm handlers set by the MCR to monitor.

* + **Friday, 10/15**
    - Management discussed repair options and also the thermal analysis of what the heat load would be on FM2 with 20mm gap and a beam mis-steering. It was determined that the water flow provided by the remaining channels would be sufficient. 31ID usually runs with an ID gap of 28-29mm. For an additional precaution it was decided to limit the ID gap to 20mm to reduce the heat load (and lower gap not needed by the beamline).
    - Previous AR was lifted, new AR posted: Bad water channel to FM2 caused a water leak, replumbing resulted in reduced cooling capacity to FM2. Theoretical calculations have concluded that FM2 can not handle heat loads resulting from ID gap settings below 20mm. Insertion Device gap changes are restricted to 20 mm or above.
    - E-stops on the ID controls locked at full open gap were unlocked, new software limits set for a minimum gap of 20mm.
    - 2 software limits: absolute ID limit, can only be changed by Nick Weir, Marty Smith or Mohan; BL commissioning limit: can be changed by FCs and MCR (and Nick, Marty, Mohan).
    - MCR moved gap to 29mm, sensors still in place to monitor temp of mask and water over the weekend.

Plan was to see if any issues over the weekend, if none then 31ID will be placed back online and enabled for user operations on Tuesday, 10/19 (restricted minimum gap of 20mm)

2:15pm 10/18: per John Connolly 31 can receive global online; Matt to grant global online first thing Tuesday morning and then will contact John Mazzio to grant APS enable

* **14-ID Recurring PSS warnings – cylinder needs replacement; part is on order; shutter warnings have been suspended**
* **12-ID-C – randomly closely shutter still ongoing; still no closer to understanding why it is closely; shutter just randomly closes on its own; Marty is setting up behind the scenes monitoring; need to log these events in the shift log; SI group is aware**

**Work on Experimental Floor - 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:**

* Reminder 2021-3 run: **Increasing EFOG presence on site:** if you are not on shift for the week please be on site at least **4** days a week. If you are taking a Vac or DORs during the week please be onsite the reset of the 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 must be signed out so they can be tracked. Remind resident beamlines to get their prox cards activated instead of issuing temp prox cards.

**25-ID ASL Status**

* 25ID-A shielding verification tentatively scheduled for week of 11/15.
* Laser cabin work does not have a start date yet. They’ve received some budgetary estimates, but do not have a contractor lined up yet.
* Scheck working on water and air utilities
* SI has begun PSS work. Validation completion and check out of FE shutters tentatively scheduled for a 4-6 hour access during the 2 day machine studies period November 15-16.
* TBD – FMB Oxford Contractor visit. Outcome of contractor authorization to determine downstream hutch validation schedule
* Electrical, water, and air installations are still ongoing.

**LBB Updates**

* **Activities This Week:** Process Water piping around 435E still on-going. A lot of overhead utilities being installed to LBB. Excavation for sidewalks this weeks and next. Permanent power to LBB will be turned on Thursday (no action or disruption to APS).
* **Items to Keep an Eye on:**  none
* **Looking Ahead:**  Next 2 month look ahead will be 1st week of November. Final asphalt layer will be applied in November. May not be contained in a machine studies period. Matt/Ashley working with Sector 20 and LBB on Gert posted lab work.
* **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**

* Wall and door framing continues this week, slab pour completed last Friday
* Mechanical, electrical and plumbing hangers being installed this week
* Inspections for all in wall work will take place early next week
* No upcoming utility shutdowns for the remainder of this week

**Experiments of Note**

* Limited Operations + with approved ANL onsite users from divisions outside of PSC and onsite external users with Beamline/PSC ALD approval.

**Experiments Running: 10/18/2021 - 10/25/2021**

**Special Experiments:**

* ESAF 247809 at 6-ID-D. Washington State Users mailing in samples for Chris Benmore to run. 10/19/2021 - 10/21/2021. **Radioactive Samples**
* ESAF 247012 at 6-ID-D. LANL users mailing in samples for Chris and Gilberto to run. 10/21/2021 - 10/23/2021. **Radioactive Samples**
* ESAF 246666 at 16-BM-D. Emily Siska and Jasmine Hinton from UNLV onsite at APS. 10/21/2021 - 10/23/2021. **Radioactive Samples**

**Round Table Discussion**

Nena

* **Increasing EFOG presence on site:** if you are not on shift for the week please be on site at least **4** 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)
  + **Performance Appraisals:** 
    - **Release of final ratings and meet with employees must be completed by Dec 15**
* After Sept 20: Onsite Access for APS Users, ANL Employees, CAT employees, Contractors. <https://my.anl.gov/esb/view/STELLENT/606815>
* FC web request page: Incorporated Beamline Reporting tool information. Issues with email notifications that should be resolved after IS testing on 10/19. \*\*PLEASE do a test at the start of each shift to the ‘END ESAF’ tab. Please put the time of request in the comments box so we know if there is a delay in the time it received by UES.\*\*
* Deactivating ESAFs
  + John will continue his sweeps on Mondays, Wednesdays, and Fridays
  + Those on shift (FC1 and FC2) and evenings will deactivate as necessary while on shift
  + When posting an ESAF you can ask the beamline for the end date and time of ESAFs that have a date in the past that are in the hutch/cabinet

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.
* 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.
* 5-ID-A did received their wall mounted ODH monitor. MOM will install the monitor.

Liz

* SER-CAT TYSSR scheduled for Thursday, November 4, 2021 at noon
* Reminder: 9-BM will need to post commissioning ESAF once they restart operations
* Future Outlook: HE experiment with UNLV/LLNL users onsite at HP-CAT lab; 10/28/2021 - 10/31/2021; ESAF 248013
* Future Outlook: HE experiment with UNLV/LLNL users onsite at 13-BMD; 10/29/2021 - 11/1/2021; ESAF 247651
* Future Outlook: HE experiment with onsite LANL users scheduled at 16-IDB; 11/2/2021 - 11/4/2021; ESAF 245358

Ashley

* Keith Brister retired on Friday; New group leader for LS-CAT is Spencer Anderson
* 25 water valve installation required some of the water for Sector 24 had to be turned off; Ashley has removed enable from them until the work is completed
* See above for LBB updates

Matt

* See above for LBB updates

John

* Routine Rads have been tentatively scheduled

Clay

* 9BM Focusing mirror installation project began 8/30; moving slowly but a little behind schedule
* EFOG lift will remain out of service for the time being until repairs can be completed
* Monday – Thursday 8am – 4pm; Auto CAD class this week
* DEEI for an experiment has two components; equipment itself and if the setup for the experiment is safe

Katy

* 1-ID will be moving a lot of equipment down to EAA for some staging work; Time to TBD
* Several RF trips over the weekend

Wendy

* Working with Tom Flanagan and Dave Wallis on lingering issues with FC Request page. They will be doing some testing 10/19 morning that may affect the email being sent to UES by the ‘END ESAF’ tab but it should only be a minor delay if any. \*\*PLEASE do a test at the start of each shift to the ‘END ESAF’ tab. Please put the time of request in the comments box so we know if there is a delay in the time it received by UES.\*\* This should just be for a week or so to ensure the fix they put in place tomorrow sticks. I will keep an eye on these tests, please let me know if you send the request and no email is sent.

Bruce

* Continuing to look at ESAFs
* Request submitted for auto generated email sent in error to Sector 13
* Waiting on User Office in order to close out 28-ID-C vector request