**EFOG meeting 02/22/2021**

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

Nena

* See EFOG Turnover notes (below) for further details on Ops, LBB, Shutdown work, general info, etc.
* A new folder has been created in EFOG Shared in Box entitled [Floor Coordinator Responsibilities.](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)
* Ashley and Wendy have worked with APS U to come up with uniform answers for the surveys requested for our EFOG procedures. Surveys were filled out by Wendy for all members of our group to remain consistent (for 1B surveys only).
* Ergonomics info <https://my.anl.gov/wsh/hew/service/ergonomics-services>
* Please check your training status. Several people are expired in classes. Please update ASAP. Also look at your medical surveillance and determine process forward
* Contact tracking badges – distributed, training completed. Downland every day while onsite. Download [Instant-Trace Kiosk](https://apps.apple.com/us/app/instant-trace-kiosk/id1513240705) onto Phone and scan Argonne QR code found in training slides.
* All of Illinois has moved to Phase 4 Revitalization
* **Argonne Vaccination Program**
  + Argonne has kicked off a Vaccination Program **Planning** team that is led by Chuck Kozlowski (EGS) with a project plan reviewed and endorsed by OTD.
  + Sub-teams will focus on Registration, Scheduling and Records(ICARE), Facilities and Site Preparations, Vaccine Types and Medical Issues, and further includes representatives from PMO for project management
  + Any future distribution of vaccines received by Argonne for Argonne use would follow the IDPH phases of distribution e.g., Phase 1a, 1b, etc.
    - When program in place will be open to employees and staff, AA, long term contractors (I.e.Sheck) and contingent workers (CAT operation staff)
    - Will not be open to family members
    - No timeline when this will occur. Advise those in 1B and 1C to look to your PCP and county IDPH sites first to ensure timely vaccination
  + Argonne was previously designated as a vaccine POD (Point of Distribution) for DuPage County. However, this previous designation was only as a location for cold storage on behalf of the County.
  + Employees should look at other avenues for vaccines if they are in the 1B, 1C category as we do not know when Argonne will get approval
  + A survey will be sent out to all ANL personnel to gauge interest in receiving a vaccine at Argonne and to determine how many personnel plan on getting vaccinated regardless of where they receive the vaccine (ANL or another location)

Bruno

* 9-ID-B had a new ODH monitor installed today

Bruce

* Continuing to look at ESAFs

Katy

* Last week observed a few routine rad surveys; was able to see the LINAC with Steve
* Also continuing to post ESAFs
* Working on front ends this week
* Onsite Tuesday through Friday

John

* Updated routine rad survey is now on the EFOG home page

Matt

* Last week observed a few routine rad surveys
* Also continuing to post ESAFs
* Working on front ends this week

Wendy

* Rad samples for this week have been delayed; FedEx is having issues; as usual rad experiment updates will be sent to the UES email

Ashley

* See LBB section for further information

Liz

* DCS (sector 35) TYSSR is scheduled for Thursday 2/25 at 1pm

**EFOG Presence onsite: 2/22/2021-2/28/2021**

Mon-Fri- FC1: Bruno; FC2: Wendy

M-F Evenings: Clay

Weekend: Clay\*

Weekend OC: Bruno

FC Vacation/DORs: Shane 2/22, 2/23 and 2/24; Steve: 2/22 & 2/26

**FC New Hires:**

Katy Green will be in 431 FC

[katy.green@anl.gov](mailto:katy.green@anl.gov). Badge number is 312827. Phone 2-0100

Matthew Spilker will be in 436 FC

[mspilker@anl.gov](mailto:mspilker@anl.gov) Badge number is 312824. Phone 2-0602

Email will go out this week to Resident Beamline Staff to announce the two new hires.

**Schedules/Off-Shift and DORs**

* When taking time off please use DORs first before vacation unless you are maxed out in vacation.

[FC 2021-Schedule](https://www.aps.anl.gov/User-Environmental-Safety-Health/FC-Schedule)

[Off-Shift Schedule](https://www.aps.anl.gov/User-Environmental-Safety-Health/Off-Shift-Schedule)

[DOR Calendar](https://www.aps.anl.gov/User-Environmental-Safety-Health/DOR-Schedule)

**Things to look out for this week**

* Monday evening, Thursday evening, Saturday – print out the ESAF table in Shift Log and verify it matches the cabinets/EHCPs. Preferred to ask beamline personnel what has ended but if no one is available use the end time on the ESAF.
* Proximity badges: [www.instant-trace.com](http://www.instant-trace.com/) Complete a download of your data each day when you are on site. If you are not on site it is recommended to turn off the device. Downloading the data can be done by phone app
* COVID Testing: Tuesday: Clay, Steve and John

Wednesday: Wendy, Liz, Shane, Bruno, Ashley, Matt and Katy

Reminder that personnel are only contacted if COVID test results are POSITIVE. “No news is good news”

* Verify power is being supplied to the LBB warming blanket by checking the GFCI outlet in the 435 truck lock during day. MCR will check overnight hours.
  + The GREEN light on the GFCI should be lit. If the GFCI LED is off, please reset. If the green light does NOT reset, please contact Power Construction superintendent, Ron Holz (847.343.5810). If you do reset the GFCI successfully, please log this event.
  + This will continue until concrete is poured in the area ~1.5 weeks
* Complete Dayforce by Friday at Noon.
* 5-ID-A has portable O2 monitor on hutch door: check for O2 levels and battery
* Eyewashes/LSI. Eyewashes are due weekly and LSI are due at the end of the month. Spreadsheet added to BOX. Please update when you complete eye wash or LSI <https://anl.box.com/s/pfm7kyyzmbyq8oiymt1h8i2ckacvy4kw>

**Events from last week**

* 2/18/21 Power sag-FEEPS trips and water trips, faults and communication errors

**Ongoing work on experimental floor - RSS**



**Ongoing work on experimental floor - Other**

* **7ID-C** has an apparently miswired 3-phase receptacle on the downstream wall. Investigation by FAC showed identical receptacle part number and wiring as the adjacent 3-phase outlet, yet a meter still shows voltage from neutral to ground. The circuit is LOTOed until further investigation can be made by locking out the affected service panel to investigate wiring at the panel and the existing breaker. One possibility is a damaged breaker, as this circuit was involved in an arc flash incident in June of 2019. The outlet was replaced at that time, but not the breaker. Bruno to schedule repairs with Ray Z on March 8.
* 35 ID has contracted work by Global Controls taking place on 2/22 to test their shutter voice coil. WPC/JSA is on the 438 FC office door.

**Completed Repairs and Work**

* **Power Sag Events**
  + See notes under Ops for further information
* 2ID-D routine door maintenance completed, 2/22. MOM identified issue with manual door, overhead latch pin will not engage, seems there's something wrong with the spring. This has probably been this way for some time. It does not inhibit the door function but should be addressed. Asked MOM to look into what a repair would entail.

**28-ID IDEA Status**

* Transport installation complete
* Critical components nearly all installed
* PSS/EPS work underway should be completed by end of week 2/15 of three station configuration with verification to follow the following week.
* Shielding verification- early March

**25-ID ASL Status**

* Some enclosure part mistakenly not shipped, construction paused. New shipment around March 1.

**LBB Construction Update**

* **UPDATE from OPS**: Work has slowed down due to inclement weather. Have had focused efforts on keeping a sprinkler pipe in LOM 436 from freezing following re-routing after a previous leak underground; they had to let water drip and are putting some heaters around pipes. In next two to three weeks, there will be enough dirt covering the pipe to insulate it better. Crews have started pouring concrete recently and have installed forms, as well working inside the 436 B pentagon
* **Activities This Week:** Earth retention system lagging, excavation, and concrete pouring. Interior conduit work in Mech Mezz. Trailer hook-ups starting. Concrete removal close to 435 gas yard Monday. Schedule dependent on weather conditions.
* **Items to Keep an Eye on:** Concrete removal on Monday 2/22 may be felt by beamlines near 435 truck lock. If mail issues are reported to FC, please let Shane and Ashley know.
* **Looking Ahead:** Module C new install/2nd LN2 shutdown-possible in August shutdown. New Mod C tank will be 11,000 gallons (up from 9000).
* **Vibration:** Working group has been formed, S. Vogt, G. Srajer, Mohan, C. White, M. Capel, and J. Chrzas Weekly meeting with the 4 beamlines, some FCs are invited hosted by Mohan to keep them up to date on vibration and construction issues. (Friday 2pm)
  + New tools have been developed to communicate with beamlines, including a live vibration monitoring page (<https://ops.aps.anl.gov/VMS/VMS.html>) and email list ([lbb\_construction\_info@aps.anl.gov](mailto:lbb_construction_info@aps.anl.gov)).
* **Scheduling:** They had told contractors (Power Construction) that Mondays were better for vibration-related activities. 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>

**ESAFs:** When posting commissioning ESAFs please put note in comment section that these are for whole run and list the end date. Spreadsheet can be found in [BOX](https://anl.app.box.com/file/748208236958)

**Experiments of Note**

* Limited Operations+ with approved ANL onsite users and some external users with PSC ALD and DOE ASO approval
  + No plans for change in operation status until after 2021-1 run
* Current Run: 2021-1 Run
* All risk level work, except Rad, Explosives and BSL2 unless it is mission critical. Most experiments are mail-in or remote.

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 received both PSC ALD and DOE ASO approval.

**Experiments Running 02/22/2021 - 03/01/2021**

**High Risk Experiments:**

* ESAF 236815 at 20-ID-B,C. Steve Heald running mail-in rad samples from users at PNNL. Start 2/23/2021. End 2/26/2021.
* ESAF 235949 at 13-ID-D. GSECARS staff running rad samples from Washington State University users. Users will participate remotely. Start 2/25/2021. End 2/26/2021.

**All Other Experiments (NOT High Risk):**

* ESAF 236321 at 13-BM-D. Tim Fister and Mark Wolfman from CSE onsite at APS. Start 2/22/2021. End 2/26/2021.
* ESAF 237759 at 10-ID-B. Shelly Kelly from UOP onsite at APS. Start 2/22/2021. End 2/24/2021.
* ESAF 237001 at 11-ID-C. Arturo Gutierrez and Anh Vu from CSE onsite at APS. Start 2/23/2021. End 2/24/2021.
* ESAF 236997 at 7-BM-B. Mark Wolfman from CSE onsite at APS. Start 2/23/2021. End 2/27/2021.
* ESAF 237367 at 32-ID-B. Chris Powell and Brandon Sforzo from ES onsite at APS. Start 2/23/2021. End 3/1/2021.
* ESAF 237496 at 7-ID-C. Jiam Zhou from NST onsite at APS. Start 2/23/2021. End 3/1/2021.
* ESAF 236932 at 11-ID-C. Zuotao Zeng from NM onsite at APS. Start 2/23/2021. End 2/24/2021.
* ESAF 237881 at 10-BM-B. Jason Lipton and HackSung Kim from CSE onsite at APS. Start 2/26/2021. End 3/1/2021.
* ESAF 236714 at 13-ID-D. Lianghua Xiong from AMD onsite at APS. Start 2/27/2021. End 2/28/2021.

**Long Duration Lab ESAFs:**

* ESAF 235744 at 5-ID-C. Anusheela Das and Yanna Chen from Northwestern onsite at APS. Start 1/13/2021. End 4/22/2021. Experiment is long duration to address issues with the photoelectron detector. Northwestern users will be onsite at APS on machine studies days only.
* ESAF 236556 at Sector 33. Hui Cao and Xi Yun from MSD onsite at APS. Start 1/21/2021. End 4/21/2021. Experiment is long duration for MBE maintenance.
* ESAF 236936 at HP-CAT lab. Nilesh Salke and Ravhi Kumar from UIC onsite at APS. Start 2/1/2021. End 4/30/2021. UIC users will be onsite at APS on machine studies days only.
* ESAF 237240 at Sector 7. Chris Otolski and Gilles Doumy onsite from CSE at APS. Start 2/22/2021. End 4/22/2021.

**General Information to Pass Along**

* Hazardous Materials Shipping support now being provided by Caroline
* EFOG cage movement from 437 to 3-BM area is complete.
* PSC has an online suggestion box. Comments can be submitted anonymously. <https://inside.aps.anl.gov/internal/Suggestions-Box>
* Off-hours custodial should be contacted at 4-1001. If no response is received, contact Dave Kazenko or Virginia Brown.
* ESH436 – Hoisting and Rigging – Bruno still a trainer
* Safe Lab 2021 (Clean Sweep) – Call for Hazardous legacy chemicals and samples in March
* Updating CORAL to allow Optional tracking of samples
* Reminder to complete Telework Survey
* New prescription safety glasses program with Eyelation

[**https://my.anl.gov/hew/covid-19-positive-cases-at-argonne**](https://my.anl.gov/hew/covid-19-positive-cases-at-argonne)

* Updated 02/15/2021, 214 cases to date
* COVID SME reviewed MCR and MOM tech areas: Segregated into private work spaces for the two MCR operators. Each work space they can go unmasked and eat if only they are in the MCR. MCR must mask before someone enters. When entering the MCR please give them a second to don their mask. MOM techs. 10 in tech areas and distribute others in other workspaces. APS stock room has put up barriers but worker present still needs to wear a mask.
* COVID SME Review of 436: Two person maximum occupancy.
  + Face coverings can be removed when both workers are seated.
  + No eating when the space fully occupied (one person occupancy if eating)
  + Recommendation, try to limit passing:
    - o   NE occupant should prioritize the NE entry
    - o   SW occupant should prioritize the SW entry

**OPS/XSD GL/PSC Management/AES Leader Meeting**: **2/22/2021**

* Rossi: Pause work meetings were successful. Plenty of feedback for improvement.
* Maintain a “light touch” on site with personnel and staffing. Only perform work that absolutely must be done, and with no more personnel than required.
* Rossi: Fans are being looked at as a cause of virus spread. Fans may not be used on site without evaluation and app
* Fans bearing a green sticker have been evaluated and are approved for use.
* Winter warning. Look for salt buckets and beware of slip trips and falls.
* BIS reminded the OPS Directorate that BlueJeans will go away by the end of FY21. The Lab will be consolidating on Microsoft Teams as the single video/teleconference option at Argonne from FY22 forward
* Lab is meeting with ComEd sometime this week to further discuss why we have had so many power snags recently; a helicopter may fly over Argonne to look at the overhead power lines
* Beam dump caused by power supply trip at 24ID. Everything at 24ID should now be ok. 24ID may not be able to do a gap scan on Tuesday 2/23. \*Update from M. Hahne, the MCR should be able to do a gap scan if requested by 24ID.

**Long Term Work Status - APS Upgrade and other APS projects**

* APS-U: The EAA is being cleaned out in prep for beam size monitor being installed as well as portions of the cyroplant for the bunch lengthening system. They are pushing out the MOM group, who will be moving to where the Power Systems group used to be in the EAA
* 369 magnet acceptance and measurement activities are ongoing, increased demand happening there.
* 400A, Power supply testing continues, RF amplifier receipt inspection and testing to be done, tech currently quarantined.
* 314/400 EAA/MM1 permanent magnet undulator work is assembly of keepers with poles and magnets, along with revolvers being worked on and retrofit.
* 314 high bay, SCU work will be ongoing, core winding, SCU assembly/disassembly and testing, SCU tooling being done, Core epoxy potting planned for first pour to happen Monday or Tuesday
* 375 front-end receipt inspection (ongoing).
* 375 Plinth area cleanup by the MOM group removing the last of the grout is filler work
* 401 L-wing 2nd floor labs, Testing of the Liberia + boxes and BPM Electronics –testing is ongoing
* 981 build-out finishing up with shelving and roof access fix planned.
* 203, Physics, Mike Kelly is working on the bunch lengthening system nearing completion
* 382 component inspection, assembly and cleaning underway as time permits and materials arrive and weld test and development starting on Monday 2/1 in conjunction with John Z and Bill Toter, evaluated area for additional tech seating with IH.
* 28 ID – shielded transport completed and 25 ID Caratelli working, outdoor work mask compliance needs watching
* 413 Water Shed – expecting beneficial occupancy soon
* LBB – underground utilities and prep for foundation work, concrete plant installed
* EAA – Septum magnet setup and measurement ongoing all week. Matt Kasa is the guy. Magnet should be crated and shipped back to Fermilab on Friday.
* 437 LOM Clean-out prior to Lab build-out is ongoing but progressing well.