**EFOG meeting 02/15/2021**

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

Nena

* See EFOG Turnover notes (below) for further details on Ops, LBB, Shutdown work, general info, etc.
* [FC ON Shift Responsibilities](https://anl.app.box.com/file/770704936353?s=qtmlutaaipmcs1v5zuth4f99x8qgrng8) has been updated in Box. Please click on link provided to go to the most recent version. [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) has been added to Box.
* A new folder has been created in EFOG Shared in Box entitled [Floor Coordinator Responsibilities.](https://anl.app.box.com/folder/131729137561)
* 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.
* Pause work: All hands meeting held on Thursday by Paul Kearns followed by individual group meetings to discuss events and safe handlings.

Ashley

* Please see LBB information; weather has impacted LBB exterior work
* Meeting on Tuesday with Nena and Wendy to discuss our procedures with APS-U; working on standardizing our answers

Bruce

* Working through ESAFs
* No further progress on our request list submitted to the programmers
* Will email Arvind regarding the watch list feature

Matt

* First half of last week focused on ESAFs and PSS last half of last week
* Working on EPICS module this week
* Meeting with Nena and Liz on Thursday to discuss overview of ESAF system
* Completed online CPR course today

Clay

* Repairs complete at Sector 13
* Could possibly be some water flow trips tonight because it is not known how much air is in the system

John

* HP is no longer doing source checks once a month in the hutches; these are now required only once a year and will be done at the same time as the routine rad surveys
* Routine Rad Surveys this week – 3 on Wednesday and also on Thursday and Friday – will inform on duty FC of specifics

Steve

* Global Controls will be onsite at Sector 35 on February 22nd - paperwork is on Steve’s door

Wendy

* 2 rad experiments next week

Katy

* First half of last week focused on ESAFs and PSS last half of last week
* Working on EPICS module this week
* Meeting with Nena and Liz on Thursday to discuss overview of ESAF system
* Completed online CPR course today
* Onsite this week on Tuesday, Wednesday, Thursday

Liz

* Sector 35 TYSSR – Thursday February 25th at 1pm
* Sector 16 TYSSR – Tuesday March 16th at 11am

**Facilities/Experiment Status**

* 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.
* All of Illinois has moved to Phase 4 Revitalization

**EFOG Presence onsite: 2/15/2021-2/21/2021**

Mon- FC1: Shane; FC2: Clay

Tues- FC1: Shane; FC2: Steve

Wed- FC1: Clay; FC2: John

Thurs- FC1: Wendy; FC2: John

Friday- FC1: Steve; FC2: John

M-F Evenings: Ashley

Weekend: Steve

Weekend OC: Shane

FC Vacation/DORs: Bruno (DORs): 2/15 & 2/17; Wendy 2/15 afternoon (½ DOR)

**FC New Hires:**

Katy Green will be in 431 FC

katy.green@anl.gov. Badge number is 312827. Phone 2-0100

Matthew Spilker will be in 436 FC

 mspilker@anl.gov Badge number is 312824. Phone 2-0602

**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”

* Complete Dayforce by Friday at Noon.
* 5-ID-A has portable O2 monitor on hutch door: check for O2 levels and battery
* Eyewashes/LSI. 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>

**Ongoing work on experimental floor - RSS**

* **7ID-B** shutter is under observation by Clay and Mark Martens for a No Switch/Fail to Fully Open warning from Chain A on 1/30. *No further Warnings since.*
* **13ID**is undergoing a water supply line repair, repairing a pinhole leak identified on Friday, 2/12. Water has been secured to the entire beamline, including RSS components. Repairs should be complete today.

**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.

**Completed Repairs and Work**

* Nothing new this week

**28-ID IDEA Status**

* Transport installation complete
* Critical components nearly all installed
* PSS/EPS work underway
* Shielding verification- early March

**25-ID ASL Status**

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

**LBB Construction Update**

* **Activities This Week:** Earth retention system lagging, excavation, and concrete pouring. Interior conduit work in Mech Mezz. Schedule dependent on weather conditions.
* **Items to Keep an Eye on:** Package and mail issues for 436 continue to be a sporadic issue. If issues are reported to FC, please let Shane and Ashley know. **\*FedEx was contacted and has assured us the issue will be resolved.**
* **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).
* **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**

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 02/15/2021 - 02/21/2021**

**High Risk Experiments:**

* No High Risk Experiments

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

* ESAF 236391 at 15-ID-C. Ahmet Uysal and Srikanth Nayak from CSE onsite at APS. Start 2/12/2021. End 2/17/2021.
* ESAF 236197 at 12-ID-D. Benjamin Gould and Jeffrey Eastman from MSD onsite at APS. Start 2/16/2021. End 2/18/2021.
* ESAF 237039 at 6-ID-D. Matthew Krogstad and Stephan Rosenkranz from MSD onsite at APS. Start 2/16/2021. End 2/19/2021.
* ESAF 237320 at 2-ID-D. Ken Kemner from BIO onsite at APS. Start 2/16/2021. End 2/22/2021.
* ESAF 236368 at 7-BM-B. Chris Powell and Brandon Sforzo from ES onsite at APS. Start 2/16/2021. End 2/22/2021.
* ESAF 236876 at 11-ID-D. Emily Klein and Brian Phelan from CSE onsite at APS. Start 2/16/2021. End 2/20/2021.
* ESAF 237305 at 10-ID-B. Jane Edgington and Matthew Sweers from Northwestern University onsite at APS. Start 2/17/2021. End 2/19/2021.
* ESAF 236908 at 17-BM-B. Xiang Liu from CSE onsite at APS. Start 2/17/2021. End 2/18/2021.
* ESAF 237458 at 10-BM-B. Jeremy Kropf and Evan Wegener from CSE onsite at APS. Start 2/18/2021. End 2/22/2021.
* ESAF 236437 at 10-ID-B. Ning Su from IIT onsite at APS. Start 2/19/2021. End 2/22/2021.
* ESAF 237431 at 32-ID-B,C. Benjamin Gould from AMD onsite at APS. Start 2/19/2021, End 2/22/2021.
* ESAF 237047 at 7-BM-B. Tianzhu Qin from CSE onsite at APS. Start 2/19/2021. End 2/22/2021.
* ESAF 236321 at 13-BM-D. Tim Fister and Mark Wolfman from CSE onsite at APS. Start 2/22/2021. End 2/26/2021.

**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.

**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 02/12/2021, 212 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**: **2/15/2021**

* 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.
* Discussion that Blue Jeans will be phased out by the end of 2021. Meetings will have to be conducted through Teams. More info to follow.

**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.