**EFOG meeting 02/08/2021**

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

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)
* 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 on Thursday by Paul Kearns followed by individual group meetings to discuss events and safe handlings. EFOG meeting will be scheduled for 2pm on Thursday 2/11

Ashley

* Please see the LBB section for LBB updates
* Please also review the notes for activities that occurred over the past weekend

Shane

* Please check on the heating pad/blanket in the 435 Truck Lock; evening person please check at 8pm (should be checked every 4 hours)

Liz

* Sector 35 TYSSR scheduled for Thursday, February 25
  + Steve please send Liz the AR and RSS Interface Doc Information
* HP-CAT is next on the schedule for TYSSR – March 2021 – review will be scheduled soon
* Please make sure that onsite experimenters present at the APS for an experiment match the onsite personnel listed on an ESAF
* If an ESAF has conditional approval due to an electrical inspection, please ask the beamline/users if the inspection was completed; please let Nena and Liz know about the status of the inspection
* Bruno will post the commissioning ESAF for 6-BM-B with John Okasinski on 2/9/2021

Wendy

* Will email turnover info to asdops tonight and will copy UES on the email

Bruno

* National Elevator is done with the recertifications on the floor exception for one at 11 in which Bruno has been in conversation about with Rick Spence
* National Elevator will be back onsite for a special PAR cart installation that is in 375
* The outlet at 7-ID-C is scheduled for repair on 3/8/2021
* ESH436PR – reminder Bruno is the trainer for this course
* Bruno will park his old bike by his office and lock it up; the bike can be used for spare parts

John

* Routine rad survey for 2021-1 is now on the web

Matt

* Last week reviewed ESAF posting and ending ESAFs
* Also went over the EA checklist last week
* Will continue to focus on ESAF postings this week
* Almost done with online training
* Onsite this week Tues, Wed, Thurs

Katy

* Online training is done; waiting on virtual training
* Onsite this week Tues, Wed, Thurs
* Focusing on the PSS system module this week

Bruce

* Continuing to review ESAFs
* Working with programmers on priority list

Steve

* LNDS Module D shutdown is expected to take place on March 8 and 9
* Affected sectors are 28 – 35
* Sector 35 has agreed to shutdown their LN2 a few days prior in order to allow for warm up of equipment, etc.

**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: 2/8/2021-2/14/2021**

Mon FC1: John; FC2 Bruno

Tues – Fri: FC1 Steve; FC2 Bruno

M-F Evenings: Wendy

Weekend: Clay

Weekend OC: Steve

FC Vacation/DORs: Ashley DOR Mon 2/8

Liz vacation Fri 2/12

**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

**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**

* In 437 area will see more people from MSD division to help with the clean out.
* 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

* 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.*
* **7-BM** CCWP 2175153 posted for the AES-SI Group to make connections at the 7BM FERDP allowing the mode shutter status from PSS to be communicated to BLEPS. 7-BM-A has been APS Disabled and the Beamline is Global Offline. *Work complete as of 1030 this morning.*

**Ongoing work on experimental floor - Other**

* **7ID** reported they were not receiving LN2 to their cryocooler. Troubleshooting with Andy found the issue is likely with the cryocooler itself. Don Walko will do additional troubleshooting Monday.
* **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**

* **14ID** I/O block failed. 1-1 replacement completed by SI.
* **14ID-C** shutter is repaired. Flow control adjusted by the vacuum group, and switch positions reestablished by SI. The switches appear to have been the main source of the warnings, as the Chain A switch locknut had worked off. *Resumption of the every-2-minute actuation schedule that uncovered the problem on Friday, 2/5 produced no warnings.*
* **7BM** has updated their BLEPS to include mode shutter position. Previously, protection of downstream equipment from white beam was done by a beamline-designed detector. This detector has failed. It may be repaired or replaced, but at least for now 7BM’s BLEPS makes use of PSS and the mode shutter position switches to protect downstream equipment. A. Kastengren will evaluate and determine whether or not to revert in the future.

**28-ID IDEA Status**

* Transport installation complete
* Critical components nearly all installed
* PSS/EPS work underway
* Shielding verification probably by end of February

**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. Schedule may be impacted by weather.
* **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.
* **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>

**Dec/ Jan Shutdown Work Planning: Please scan QEW walkthroughs in BOX**

* + [**QEW walkthrough Files for Jan/Dec Shutdown**](https://anl.app.box.com/folder/126467842659)
  + **For Pre Run Status please see turnover notes from 1/25/21**

**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 02/08/2021 - 02/15/2021**

**High Risk Experiments:**

* Rad Experiment. ESAF 235647 at 10-ID-B. Ken Kemner from BIO onsite at APS. Start 2/10/2021. End 2/15/2021.
* HE Experiment. ESAF 236307 at 16-ID-B. Remote users from LLNL: Jason Baker, Samantha Clarke, and Michael Armstrong. Jesse Smith from HP-CAT is supporting the experiment. Start 2/12/2021. End 2/14/2021.

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

* ESAF 236810 at 6-BM-A. Daniel Abraham and Marco Rodrigues from CSE onsite at APS. Start 2/4/2021. End 2/12/2021.
* ESAF 234412 at 11-ID-B. Tim Fister from CSE onsite at APS. Start 2/8/2021. End 2/12/2021.
* ESAF 237288 at 20-ID. Roman Ezhov and Gabrield Bury from Purdue onsite at APS. Start 2/8/2021. End 2/8/2021.
* ESAF 236195 at 12-ID-D. Jeffrey Eastman and Dina Sheyfer from MSD onsite at APS. Start 2/9/2021. End 2/15/2021.
* ESAF 236624 at 7-ID-C. Yue Cao and Xun Jia from MSD onsite at APS. Start 2/9/2021. End 2/11/2021.
* ESAF 236710 at 33-ID-E. Hui Cao and Xi Yan from MSD onsite at APS. Start 2/9/2021. End 2/15/2021.
* ESAF 236739 at 6-ID-D. Matthew Krogstad and Stephan Rosenkranz from MSD onsite at APS. Start 2/9/2021. End 2/12/2021.
* ESAF 236855 at 8-ID-I. Xiao-Min Lin from NST onsite at APS. Start 2/9/2021. End 2/15/2021.
* ESAF 236741 at 10-BM-A,B. Ken Kemner and Edward O’Loughlin from BIO onsite at APS. Start 2/10/2021. End 2/15/2021.
* 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 237037 at 6-ID-D. Puspa Upreti and Stephan Rosenkranz from MSD onsite at APS. Start 2/12/2021. End 2/15/2021.
* ESAF 237359 at 12-ID-B. Tae Wu Kim from CSE onsite at APS. Start 2/14/2021. End 2/15/2021.

**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
* Check your QEW status and schedule practical as soon as possible as the 6 month extension is set to expire. CPR & FA training now available onsite – register in TMS
* EFOG cage movement from 437 to 3-BM area is complete. Clay working on resolving any issues as a result of relocation.
* 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.
* Housekeeping around ring improving but still an issue regarding boxes, materials, etc.
* ESH436 – Hoisting and Rigging – Bruno still a trainer
* Housekeeping around ring improving but still an issue regarding boxes, materials, etc.
* String of Radiological Incidents (latest – not following postings) – performing Common Cause Investigation, Management concern ORPS being filed, Work Pause likely next week
* 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 02/05/2021, 205 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
* ANL COVID testing will begin Jan11 and continue for three months. Mandatory testing is weekly and email sent to participates with date and location. If you are unable to go on your test date you must reschedule for later that week. So far testing program does not include beamline personnel.
* Reminder that personnel are only contacted if COVID test results are POSITIVE. “No news is good news”

**OPS/XSD GL/PSC Management/AES Leader Meeting**: **2/8/2021**

* Connolly: Testing program has been successful. 9 positive all asymptomatic to date.
* 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.
* Pause work meeting by Paul Kearns set for 2/11 .

**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.