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

Nena

* **See EFOG Turnover notes (below) for further details on Ops, LBB, Shutdown work, general info, etc.**
* **Saliva COVID Testing:** Begin week of March 29: Complete Consent form in Workday and set up profile in Shield. There is also a consent form in Shield that needs to be done.
  + Current PSC (APS, APS-U) roster enrolled in screening program remains in place
  + Reminder that participant cannot eat, drink, smoke, etc. at least 1 hour before test due to need to provide saliva sample (mentioned below previously)
  + Note slight change in testing hours at APS 402 and Bldg. 213 test locations (now are 8 AM to 1 PM)
    - Monday 8:00 AM- 1:00 PM at Building 213 (Cafeteria)
    - Tuesday 8:00 AM- 1:00 PM at Building 402
    - Wednesday 8:00 AM- 1:00 PM at Building 402
    - Thursday 8:00 AM- 1:00 PM at Building 213 (Cafeteria)
    - Friday 8:00 AM- 1:00 PM at Building 213 (Cafeteria)
* Note: participant will use SHIELD software to schedule appointment weekly, view results, etc.
* Nena to determine if rescheduling the saliva tests is possible after intital appointment is made
* **Argonne Vaccination Program**
  + Approval has been granted but no timeline when this will occur as ANL does not have an adequate supply.
    - When program in place will be open to employees and staff, AA, long term contractors (i.e. Scheck) and contingent workers (CAT operation staff). Will not be open to family members Will follow IL guidelines
* **Increasing EFOG presence on site:** if you are not on shift for the week please attempt to be on site at least 2 days a week.
* **Training for new Hires:** Increasing On-Shift training for Matt and Katy. Ashley will touch base with the FCs scheduled with the times that Katy and Matt will have the phones.
* **Spotlight on EFOG Group**: Rick Fenner will reach out to each of you to set up a time for pictures.
* **SPOT Award for Matt Spilker**. Nominated by Shane Flood
* **Updated EFOG Shift Schedule to include April/May Shutdown and 2021-2 RUN**
  + [FC 2021-1 Schedule](https://www.aps.anl.gov/User-Environmental-Safety-Health/FC-Schedule)
  + [**FC 2021-2 Schedule**](https://www.aps.anl.gov/User-Environmental-Safety-Health/FC-Schedule-next)
  + [DOR Calendar](https://www.aps.anl.gov/User-Environmental-Safety-Health/DOR-Schedule)
* **ANL COVID CASES:** [**https://my.anl.gov/hew/covid-19-positive-cases-at-argonne**](https://my.anl.gov/hew/covid-19-positive-cases-at-argonne) Updated 03/26/2021, 235 cases to date
* **LOTO Board Custodians: Complete Xink form ANL-1063 every 6 months**
  + **431 LOTO Board #152 Katy Green**
  + **432 LOTO Board#150 Bruno Fieramosca**
  + **433 LOTO Board#6 Clay White**
  + **434 LOTO Board#80 John Mazzio**
  + **435 LOTO Board#77 Ashley Wayman**
  + **436 LOTO Board#173 Shane Flood**
  + **437 LOTO Board#199 Matt Spilker**
  + **438 LOTO Board#40 Steve Bogdan**
* A new 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)
* Greg Markovich will bring e-power to end of beamlines or use e-power from storage ring – beamlines are not to roll fridges/freezers from the labs out onto the floor, cords should be run overhead and not across the pedestrian walk way; encourage beamlines to clean out as much material from fridges and freezers as possible

Clay

* Effects of Power Outage to be aware of
  + All fume hoods down
  + Shipping – plan currently being discussed; shipping may suspend deliveries and pickups from APS for duration of power outage
  + ODH monitors down
  + Gas bottles – must shut off and possibly capped (P. Rossi working on this)
  + Ultra Cold Storage – Talked with Ron Moore; APCF have offered up their equipment in L001
  + Break Room Fridges – no power; empty all food before power outage begins
  + No seamless transition from regular to e-power (second(s) delay)
  + Power down personal computers and other electronics in office before power outage
  + Discourage people from coming onsite – no network, little lighting, etc.
  + Bathroom faucets may not work
  + Marty Smith looking into power for IOCs and PLCs for LNDS system (e-power to actuate valves?)
  + Network out – APCF and CNM will have network
  + Are outside contractors allowed onsite - P. Rossi will need to provide guidance on this
  + Cell phone service may be interrupted
  + Need to determine how beamlines will be able to communicate with FCs
  + Crash button open LOM doors?
* Wednesday beam dump – 25ID - FEEPS fault due to loose wiring – repairs are complete

Liz

* Regulated soil experiment at 20-ID-B, Start 4/6/21 and end 4/8/21
* NE-CAT TYSSR scheduled for April 7th at 1pm
  + Still need AR and RSS Interface Document information

Bruce

* Looking at ESAFs
* Continuing to work on new laptop issues
* Continuing to work with programmers on ESAF requests

Ashley

* Created flow chart for trouble shooting phone issues; will put in FC responsibilities folder in box

John

* See notes for new ESAF table rectification plan as well as beamtime reports
* Per S. Bogdan contractor was checked in at Sector 14

Shane

* 2-10 on Monday and Thursday this week

Wendy

* 28 shielding verification postponed until 3/31

Matt

* Assisting Wendy/Shane
* FC2

Katy

* See notes regarding 3-ID MH door
* Shift Work

Steve

* See info about 438 parking lot paving
* Thanks to Matt for doing his eyewashes last week

**EFOG Presence onsite: 03/29/2021-4/4/2021**

Mon-Fri FC1: Steve FC2: Bruno

M-F Evenings: 3/29 and 4/2 Wendy 3/30-3/31 John 4/1 Shane

Weekend: Shane

Weekend OC: Steve

FC Vacation/DORs: Clay 3/31-4/8/21 Vacation days

Liz 4/2/21 ½ Vac (PM)

**Things to look out for this week**

* **Work at 25-ID ongoing** Evening shift should touch base around 4pm with Caratelli
* Please check on Clay’s area while he is on vacation. Please do the eyewashes for his area
* John Mazzio will now do ESAF beamline cabinet sweeps Monday and Friday Evening. . and will deactivate Beamtime reporting emails Monday, Wednesday and Friday. **On shift FCs will no longer have to do ESAF beamline cabinet sweeps or deactivate ESAFs from beamtime reporting email.** Liz will be responsible for all lab ESAFs and Sectors 70 and above.
* Proximity badges: Complete a download of your data each day when you are on site.
* COVID Testing: Please make an appt through SHIELD weekly
* 5-ID-A has a portable O2 monitor on the hutch door: check for O2 levels and battery,

long vendor delays are requiring us to continue this periodic portable O2 monitor check.

Has not changed for the week starting 3-29-21.

* 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>
* Complete Dayforce by Friday at Noon.

**Events from last week**

* **Beam instability issues** reported upon startup on 3/10 (after fill pattern change) See last EFOG turnover notes (3/15) for more info
* 34-ID FEEPS fault occurred 5:43am 3/21/21. BLEPS vac trip occurred 15 sec before FEEPS fault. Possible SS1did not respond fast enough causing the FEEPS fault. BLEPS reset and FEV/BIV opened no issues
* 15-ID Unable to open front end shutter due to missing BLEPS permit. SI group had to replace dead card. Beamtime report completed

**Ongoing work on experimental floor – RSS**

* **25ID** SI work
* **28-ID** SI group to make connections for BLEPS rack and PSS FerDP and FEEPS- Completed today

**Ongoing work on experimental floor/LOMS – Other**

* 3-ID. A site survey was conducted to evaluate repair options for the outboard door, which sags noticeably when opened, and the weight of which has sheared off several fasteners. Present were D. Moldehauer from Scheck Mechanical, A. Stevens from Site Operations, E. Aran from 3ID, and C. White, K. Green, and A. Wayman from EFOG. Repairs are tentatively planned for a future date.
* 433 womens bathroom regarding mold: Ron Moore arranged testing by IH and investigate repair costs
* LOM 438 parking lot will be repaved and reconfigured. The parking lot will be closed starting April 19 and should be completed in a few weeks. Parking should occur in the 402 lot near the Gallery
* **Sector 4 , 6 & others: -Helium Recovery System:** It was brought to my attention last

week that work is planned, once again, on the Helium Recovery System that was

installed in the 431/432 truck-lock overhead with work stopping on 10-26-17.

Sector 4 personnel (including Daniel Haskel) met with ANL personnel and an outside

contractor to discuss going forward. At this time there is no urgent deadline, however,

they have asked for drawings of a typical 4-ID roof labyrinth for piping bend radius calculations, Wendy is following up with providing me the proper drawings. -- Bruno

* **Sector 5** -- **Upgrade to be done in preparation for the “dark period” Shutdown:**  running gas cabinet stainless steel lines, at sector 5, from the top of the gas cabinet upstream of 5IDB to the 5BMB hutch to a manifold mounted on the inside wall of 5BMB, accessed through a 5BMB roof labyrinth. Presently, it is being determined whether this work can be done by the MOM Group or default to Scheck. --- Bruno
* **Sector 7 --Vacuum Exhaust System Installation:** On 3/24/21,I met with Dennis Moldenhauer, who has informed me that the fabrication/pipe installation aspect

of Scheck’s work for the 7BM vacuum exhaust piping job is done. All that remains is an isolated filter installation (which is on order) above 7BM and some incidental work in the Mechanical Mezzanine, between columns 83 & 84, this should be very minimal

Experimental Floor disruption, if any at all. Scheck has removed all the extra piping and caution tape from the 432 gas-yard and has removed their entire work-station and all their equipment from the 431/432 truck-lock. I have informed Ed Russell of the situation and as soon as he has verified some things on his end, he will contact the appropriate

people to move Custodial and Delivery Services back into the 432 truck-lock. On 3/25/21, Ron Moore emailed The Experimental Floor that the construction work in the 431/432 truck lock has been completed. All normal operations for that area can resume.

--Bruno

* Sector 9ID B - Evan Maxey wants to install and inspect equipment fans for his LN2 system. Paul Rossi has been notified.
* Sector 16ID E – A guard rail is being installed on the roof of the E station. **Update**:Stairs for the roof of the D station up to E still need to be installed but are not expected to arrive until sometime in April. The installation of the guard rail itself is complete and awaiting to be painted Yellow.

**Completed Repairs and Work**

* 7ID-C mis-wired 3-phase receptacle has been repaired.
* 19ID-D. Strobe and strobe relay replaced 1-1 by AES-SI. Work completed and CCWP closed
* 24-ID Mono Stop 1 Fail to close warning: Vacuum group performed solenoid swap. Work completed on 3/22 and CCWP closed out
* 14-ID Shutter/Mono Stop 1 Fail to close faults: SI troubleshooting found shutter operating normally. Suggested MOM-VAC to bump up air pressure to see if that resolves the continued warnings

**28-ID IDEA Status**

* Shielding Verification now scheduled for 3/31/21.

**25-ID ASL Status**

* Caratelli. Walls for E are up. Door trenches for D and C today. FC will aid in oversight for overtime work 7am to 4:30pm. Saturday work will be light work. No lifts

Evening shift should touch base around 4pm.

**LBB Construction Update**

* **Activities This Week:** Frost wall and footing work, underground plumbing, electrical conduit installation in 436 B095
* **Items to Keep an Eye on:**  If mail issues are reported to FC, please let Shane and Ashley know.
* **Looking Ahead:** *April*-coring in 436 near vending machines for power conduit. Expansion of concrete pad outside of 435E. *During April/May shutdown*-Heavy vibration work planned. An opening in the Mech. Mezz wall near Sector 20 will need to be installed in order to fit equipment too big to fit through hatch. (Spot identified is just upstream of col. 124). After next shutdown, expect heavier contractor presence in experiment hall. *Beyond*-Module C new install/2nd LN2 shutdown-possible in August shutdown. New Mod C tank will be 11,000 gallons (up from 9000). IT cables will need to be run from 435 IT closet to LBB. Planned for August shutdown, but scoping best path will take place within the month.
* **Vibration:** 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:** 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 lab build out- On hold at this time**

**April/May Shutdown Planning (from 3/24/21 meeting)**

* G. Pile stressed to get work in EARLY
  + Lots of work planned
  + MOM group, Rigging, and Survey and Alignment are in particularly high demand
  + Lots of coordination needed around other projects/spaces

**Extensive Power Disruptions Planned**

* + Power will need to be shutdown to repair/replace damaged fire system at super doors A and B.
    - All power will be secured on switchgear X1, X2, and X3 on April 30th. This affects beamline sectors 1-11, , SR sectors 2-12, and buildings 400A, 431, 431Z, 432, 433. Power here will be down for the duration of the repair, which is open-ended but assumed to be through May 7th
    - All power will be secured on switchgear X7, X8, and X9 on April 30th. This affects beamline sectors 25-36, SR sectors 24-35, and buildings 437, and 438. Power here will be down for the duration of the repair, which is open-ended but assumed to be through May 7th
    - All power will be secured on switchgear X4, X5, and X6 on May 3rd. This affects beamline sectors 12-23, SR sectors 13-24, and buildings 434, 435, and 436. Power here will be down for 48 to 72 hours. Restoration is planned for early May 5th
    - Emergency power will not be affected.
    - Utilities powered by normal power will go down (some water, AC, network, etc)
  + Possible shutdown of EP to perform generator tie in-details to come
  + **MOM group has asked beamlines request drop locations well before the shutdown. Due to how extensive the power shutdown is, more cords may need to be procured.**

**Transfer of power from standard/technical sources and emergency power will not be seamless. Users should expect a minimum of 1 second delay as the transfer switch actuates. Systems that require oversight or manual reboot as a result should have personnel available on site.**

* 9BM focusing mirror installation
  + Deferred
* Wall collimator removals at 15BM, 18BM, 21BM
  + Outside contractor performing removal
  + FE tables (if applicable) will need to come out beforehand.
    - Coordination between Operations and APS-U to determine who will physically do this. May be used as a training opportunity for new APS-U techs
* FEEPS upgrades
  + Aiming to complete six FEs in order to remain on schedule -- ID lines at sectors 10, 11, 12, 13, 14, and 15
* FE alignment crew will be re-fiducializing PS1 in BM front ends.
  + S&A will need to move/actuate shutter
  + CCWPS needed
  + Specific details to come
* ID group will be swapping IDs at 14, 18, and 27
* Another Mod D shutdown is needed (Sectors 28-35), planned for no earlier than May 20th. The schedule is again dependent upon parts arrival.
  + Work could not be completed during 3/8 shutdown
  + Planning a longer (~48 hr) shutdown to install valve

**General Information to Pass Along**

* Rob Lange is the new APS rigging foreman and can be reached at 2-9149
* Doreen Schoening will be retiring in June. In the interim Elitania Perez; [pereze@anl.gov](mailto:pereze@anl.gov) or 2-2934 as her backup for Shipping questions or concerns. For problems in Shipping and Receiving or to notify shipping about HazMat T-run pickups in APS truck locks go to Jeff Lyons; [lyonsj@anl.gov](mailto:lyonsj@anl.gov) or 2-7092. Debbie Leasure and Kathy Sadelski remain on as Traffic Analysts.
* New prescription safety glasses program with Eyelation
* Hazardous Materials Shipping support now being provided by Caroline
* ESH436 – Hoisting and Rigging – Bruno is a trainer

**OPS/XSD GL/PSC Management/AES Leader Meeting**: **3/29/2021**

* No safety issues to report
* Randy: 25-ID Water fault 1 hour: Will investigate this morning. SI group investigating
* AES: Fire main repair to occur during shutdown: Repair near Super door A and B; more info to give at CAT Q&A this Wednesday
* ASD: No real issues: Modulator for 50MegaVolt project should arrive soon
* XSD: no real issues
* Users: Capel: Cryo pump on Emergency Power: Marty Smith will determine if the sector IOC is on Emergency power and POC of the drop valves will be on emergency power. Chrzas: questions about the fridge/freezer in wet lab. G. Markovich will work with Chrzas to figure out emergency power. Keefe. Connect with the MX beamlines on refrigerator space to consolidate. Fang: remind users not to ship things in during this power shutdown timeframe
* Power Shutdown: New water leak near 437 Super Door E on Saturday. So now 3 water leaks. Worst case scenario now April 30 to March 8 Power outage X1-3 GM: Schedule nailed down. running two outlets to each beamline 20Amps each to those that don’t have by emergency power. Work will start this week with lifts overhead. April 23 will occur some emergency power shutdown GD: Cryo 13, 14, 15, 16 and 24 cryo emergency power
* LBB update: Concrete pouring. Impacting work during shutdown
* 25-ID caratelli constructions of the 4 stations: Cutting on the floor on machine days only. Are working Saturday as well and extended hours for 4:30pm during the week.
* APSU: material acceptance ramping up in 981
* Ron Tollner: Facilities, infield tank relocation for APS U is scheduled for 3/29
* APSU: Tank for new cryo system is being brought in today to the infield
* Denny Mills/User Office:

**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 03/29/2021 - 04/05/2021**

**High Risk Experiments:**

* ESAF 238225 at 13-ID-E. Remote users from CalTech sending samples to APS for GSECARS staff to run. Start 3/30/2021. End 4/2/2021. (Radioactive Samples)
* ESAF 236815 at 20-ID-B,C. Mail-In users from PNNL sending samples to APS for Sector 20 staff to run. Start 3/30/2021. End 4/1/2021. (Radioactive Samples)
* ESAF 239492 at 16-ID-B. Hyunchae Cynn from LLNL onsite at APS. Start 4/2/2021. End 4/5/2021. (Radioactive Samples)

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

* ESAF 238959 at 10-ID-B. Jeremy Kropf and Evan Wegener from CSE onsite APS. Start 3/27/2021. End 4/3/2021.
* ESAF 238960 at 10-ID-B. Jeremy Kropf and Evan Wegener from CSE onsite at APS. Start 3/29/2021. End4/1/2021.
* ESAF 238165 at 15-ID-C. Erik Binter and Frederick Richard from UIC onsite at APS. Start 3/30/2021. End 4/4/2021.
* ESAF 238383 at 6-ID-B. Joshua Sanchez from the University of Washington onsite at APS. Start 3/30/2021. End 4/21/2021.
* ESAF 204378 at 11-ID-B,C. Mark Wolfman from CSE onsite at APS. Start 3/30/2021. End 4/2/2021.
* ESAF 239521 at 2-BM-A. Benjamin Gould and Aaron Greco from AMD onsite at APS. Start 3/30/2021. End 4/1/2021.
* ESAF 239478 at 7-ID-C. Jian Zhou from NST onsite at APS. Start 3/30/2021. End 4/5/2021.
* ESAF 239450 at 33-ID-D,E. Yan Li from MSD onsite at APS. Start 3/30/2021. End 4/5/2021.
* ESAF 239181 at 34-ID-C. Travis Frazer and Yue Cao from MSD onsite at APS. Start 3/30/2021. End 4/5/2021.
* ESAF 239092 at 7-BM-B. Chris Powell and Brandon Sforzo from ES onsite at APS. Start 3/30/2021. End 4/5/2021.
* ESAF 238325 at 32-ID-B,C. Mark Wolfman from CSE onsite at APS. Start 3/30/2021. End 4/2/2021.
* ESAF 239136 at 12-BM-B. Emily Sprague-Klein and Michael Mara from CSE onsite at the APS. Start 3/31/2021. End 4/3/2021.
* ESAF 239242 at 11-ID-D. Benjamin Diroll from NST onsite at APS. Start 4/1/2021. End 4/4/2021.
* ESAF 239102 at 12-ID-B. Yaguang Zhu and Deoukchen Ghim from The Washington University in St. Louis onsite at APS. Start 4/2/2021. End 4/5/2021.
* ESAF 238222 at 15-ID-C. Erik Binter and Frederick Richard from UIC onsite at APS. Start 4/3/2021. End 4/8/2021.

**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.

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

* 369 magnet acceptance and measurement activities are ongoing, increased demand
* 400A, Power supply testing continues, RF amplifier receipt inspection and testing to be done moved to 412
* 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, SCU assembly into cryo-stat possibly next week, Core winding and epoxy potting ongoing
* 375 front-end receipt inspection (ongoing).
* 375 materials moving to 981 to make room for mock-up installation
* 401 L-wing 2nd floor labs, Testing of the Liberia + boxes and BPM Electronics –testing is ongoing
* 981 racking, setup of other processes, 1st Plinth delivery week of 3/15, test assembly and transportation.
* 203, Physics, Mike Kelly is working on the bunch lengthening system nearing completion
* 382 component inspection, L-Bend welding
* 28 ID – PSS installation in progress – expect radiation acceptance ~ 3/17
* 5 additional containers expected to be delivered week of 3/15 – for Sector 25
* LBB – concrete work continuing, dirt work continuing
* 437 LOM Clean-out prior to Lab build-out is ongoing nearing completion.
* Excavation for He tanks outside corridor connecting 420-412 expected 3/8-3/9, tank move 3/29
* Hipot testing of Septum in Storage Ring scheduled for Monday 3/8