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

Nena

* **See EFOG Turnover notes (below) for further details on Ops, LBB, Shutdown work, general info, etc.**
* **Saliva COVID Testing:**  **See 3/29 turnover notes for dates and times.**
* **Argonne Vaccination Program: ANL will contact people for vaccines.**
* **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**: All photos completed will gather info for quotes soon
* **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 04/08/2021, 240 cases to date
  + [COVID FAQs](https://my.anl.gov/article/covid19coronavirus-faq?utm_source=Argonne+Internal+List&utm_campaign=f9eefff4c2-snapshot+-+04-05-2021&utm_medium=email&utm_term=0_91cdd2aa04-f9eefff4c2-237439333)
* 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)
* [Construction on West Gate to begin April 15- Aug 15](https://my.anl.gov/article/west-gate-construction-to-affect-hours-of-operation-and-lane-access?utm_source=Argonne+Internal+List&utm_campaign=f9eefff4c2-snapshot+-+04-05-2021&utm_medium=email&utm_term=0_91cdd2aa04-f9eefff4c2-237439333)
  + Will be closed to all traffic from 9am to 3pm during this time

**EFOG Presence onsite: 4/5/2021-4/11/2021**

Mon-Fri FC1: Bruno FC2: Wendy

M-F Evenings: Clay

Weekend: Shane

Weekend OC: Bruno

FC Vacation/DORs: Katy 4/14-4/18 Vac

**Things to look out for this week:**

* 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.
* **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.

* **Eyewashes/LSI. Eyewashes** are due weekly and LSI are due at the end of the month.

**Events from last week**

* Shielding Verification of 28ID-completed but still some testing being done. (See 28ID status below)
* 9ID: FM2 Replacement successful, all HP surveys complete, 9ID back online and running Wednesday, 4/7, 1315.

[Downtime Report #778.](https://beam.aps.anl.gov/pls/apsweb/bdr_display.event?i_pid=318687000336939&i_app_id=2&i_token=&i_bdr_id=5961)

* 25ID Grid XBPM studies. LPPS1 was opened and gap control LOTO removed to facilitate studies for Bingxin Yang.

**Ongoing work on experimental floor – RSS**

* 14ID: Investigation into warnings in progress with R. Henning and G. Banks.
  + Old air cylinder will be replaced with standard solenoid during the next shutdown (TBD)

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

**Completed Repairs and Work**

* 9ID: Investigate both switch fault, FM2 replacement

**Upcoming Work on experimental floor/LOMS**

* 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. Per Ed Russell – parking lot will be closed early Monday 4/15 morning
* Sector 4 , 6 & others: -Helium Recovery System-See notes from 3/29
* Sector 5 **–**Gas cabinet installation-See notes from 3/8 (for dark period)
* 3ID mini-hutch door sag-current solution is to add a wheel to support door (waiting on quote for cost and then decide if they will proceed (if yes to proceed, it will be done the next shutdown))

**28-ID IDEA Status**

* Shielding Verification completed on 28ID-A, B and C stations. Mitigation is needed on doors to all 3 stations. Shielding verification conditions will be set up in 28ID-B starting on 4/13 to test some temporary door mitigation ideas by Caratelli. Beamline remains global offline and disabled and will only be enabled with HP present for testing.

**25-ID ASL Status**

* Caratelli. Enclosure construction on-going. Hutches E, D and C in various stages of construction. Expect completion by May
* Contract for utility installation is out
* Optic installation schedule is next with FMB Oxford (UK) and Axilon (Germany)
* 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.
* Caratelli management is restricting Pierrick and Pascal to ~45hrs/wk. For now they intend to work regular days and ~5hrs on Saturday. This could change depending on where they are at with the project.
* Some incidental concrete cutting was performed last week on Thursday (4/8). This was to extend a door trough that was cut too short. Coordinated with adjacent beamlines, no disruption was observed.

**LBB Updates**

* **Activities This Week:** Frost wall and footing work, underground plumbing and electrical. Stone backfill work on HEXM—vibration test for this work is being scheduled (~4/15 8:30am)
* **Items to Keep an Eye on:**  none
* **Looking Ahead:** Mechanical Mezzanine opening work during shutdown (detail to come). Detailed schedule of work planned during shutdown will be provided to APS late this week/early next. No other updates-See notes from 3/1
* **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**

* Still working on resolving funding issues
* Most likely plan with be to rough out walls and use the space to stage APS-U beamlines up to dark time.

**APS Power Outage**

**Dates for shutdown**

* **Starting at 8 AM on Friday April 30 and continuing until 8 AM on Tuesday, May 4, all conventional and technical power to APS Bldg 400 (except the EAA), including all LOMs and 400A, 411, 412, and 413 will be turned off. Only emergency power will be available during this period.**
  + During this time, only emergency power will be supplied to Storage Ring sectors 2-36, beamline sectors 1-35 (including LOMs), 400A and Bldgs 411, 412, 413. The EAA, MCR and Bldg 420 are unaffected by the power shutdown.
* 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. GM: 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 for tie in to existing emergency power GD: Cryo 13, 14, 15, 16 and 24 cryo emergency power. Work in progress
* Effects of Power Outage to be aware of:
  + See [PSC Powerpoint slides](https://anl.app.box.com/file/798561896213)
  + See [FC List of concerns](https://anl.app.box.com/file/798563376413)
* 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.
* Most recently schedule draft found in J. Connolly's 4/10 email

**April/May Shutdown Planning (from 4/07/21 meeting)**

* Tunnels open on April 23rd. Storage ring tunnel closes on 05/19 (Booster on 05/17).
* 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**-See APS Power Outage section in notes
* Wall collimator removals at 15BM, 18BM, 21BM
  + Outside contractor performing removal of ratchet wall collimators. APS-U and MOM techs removing the FE components.
  + FE tables (if applicable) will need to come out beforehand. They will be looking to get this done during the first three days of the shutdown.
* 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 and FM2 in BM front ends.
  + S&A will need to move/actuate shutter
  + CCWPS needed
* 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
* 3ID-C Mini-Hutch Door
  + A support wheel installation on swing end of MH door to prevent sagging is planned.
* 1ID-E Roof Access
  + The ladder to the roof will be replaced with OSHA compliant stairs. Cage modifications may be necessary.
* More info on the Shutdown Planning page <https://inside.aps.anl.gov/Machine-Status/Shutdown-Work-Planning>

**General Information to Pass Along**

* APS-U is hosting an APS-U/APS interface Gap Workshop April 19-21. Workshops include
  + Accelerator Control System and Network Integration
  + Utilities
  + Coordination of APS-U and Ops Accelerator Projects before darktime
  + Coordination of APS-U and Ops Beamline Projects before darktime
  + Darktime activities
  + Transition Plans

See 3/29 email from Bob Hettel for more information

* ‘Cultivating an Anti-racist Mindset: Developing Inclusive Practices for an Empathetic Leadership Approach’ Wednesday, April 14, 2021, from 3 to 5 p.m. Must [register](https://docs.google.com/forms/d/e/1FAIpQLSdY0kfRLn5528bJFpC12tWLgMqieoLaJEmWmZIeQPCx0U49gw/viewform) by April 10
* America Resilient: Projecting and Preparing for the Effects of Climate Change. April 14, 2021 8:00 AM – 2:00 PM. Must register for this free event [here](https://web.cvent.com/event/88a960d2-03b9-4a2b-8c44-5667e0b36c89/regPage:b746d508-d992-4758-92c7-b59b984885aa)

**OPS/XSD GL/PSC Management/AES Leader Meeting**: 4/12/2021

* No safety issues to report.
* Randy: 1 fault RF4 cathode .87hrs. 9ID beamline downtime back online Wednesday 1pm. 2021-3 Schedule up for review Oct 4-Dec 21 Normal schedule with Thanksgiving break
* Connolly: 401 occupancy cap: will need to stagger schedules for 401 bldg only.
* Vaccination: Argonne vaccine slow availability. Look elsewhere at this time.
* Pile: 9-ID no bake out: successful. ACIS key issue: replaced
* 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. Keefe. Connect with the MX beamlines on refrigerator space to consolidate. Fang: remind users not to ship things in during this power shutdown timeframe
* APSU: material acceptance ramping up in 981
* FAC; 438 parking lot still April 19 start
* Denny Mills/User Office: BAC meeting today: email to outside users for things that would be effected by power outage. Ie. Shipping and network. Will send out 1 week before power outage. JC will send out also to internal APS more info on power outage. Sent 4/11.

**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 04/12/2021 - 04/22/2021**

**Special Experiments:**

* ESAF 238865 at 16-ID-B. Zsolt Jenei and Jae Klepeis from LLNL onsite at APS. Start 4/13/2021. End 4/17/2021. (Radioactive Samples)
* ESAF 239061 at 16-BM-D. Hyunchae Cynn and Magnus Lipp from LLLNL onsite at APS. Start 4/13/2021. End 4/26/2021. (Radioactive Samples)
* ESAF 235648 at 10-ID-B. Ken Kemner from BIO onsite at APS. Start 4/14/2021. End 4/19/2021. (Radioactive Samples)
* ESAF 238557 at 16-BM-D. LANL users are remote. Samples will be run by HP-CAT onsite. Start 4/16/2021. End 4/19/2021. (Radioactive Samples)
* ESAF 239043 at 16-BM-D. Zsolt Jenei and Jae Klepeis from LLNL onsite at APS. Start 4/20/2021. End 4/22/2021. (Radioactive Samples)

**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.
* ESAF 239935 at Sector 7. Chris Otolski and Gilles Doumy from CSE onsite at APS. Start 4/23/2021. End 8/3/2021.

**Long Term Work Status - APS Upgrade and other APS projects: See EFOG Turnover notes from previous week for more information.**

**Round Table Discussion**

Liz

* In process of scheduling XSD-SSM TYSSR

Steve

* Will touch base with Andy Stevens re: Module D

Clay

* Let Clay know if/when you can assist with PSS validations

Ashley

* Shutdown spreadsheet has been updated in Box; there is now 1 mega spreadsheet
  + Also included is the Power Shutdown info and PSS validations schedule
* Please let Ashley know via email how many PROX cards you have and how many of them work so that we can have working PROX cards in all FC offices

Shane

* Grid XPM studies last week; wanted to use 25-ID gap; low power PS1 LOTO removed

Wendy

* Send Wendy your PSS key inventory (what’s in your office lock box and on your person)

Katy

* Matt and Katy working with Ashley on opening Labryinths
* Becoming more familiar with shift work
* Explosives handling training last week

Matt

* Matt and Katy working with Ashley on opening Labryinths
* Becoming more familiar with shift work
* Explosives handling training last week

Bruno

* Ozone monitor moved from 28-ID-C to 28-ID-B. Monitor is working

Bruce

* VPN is finally working