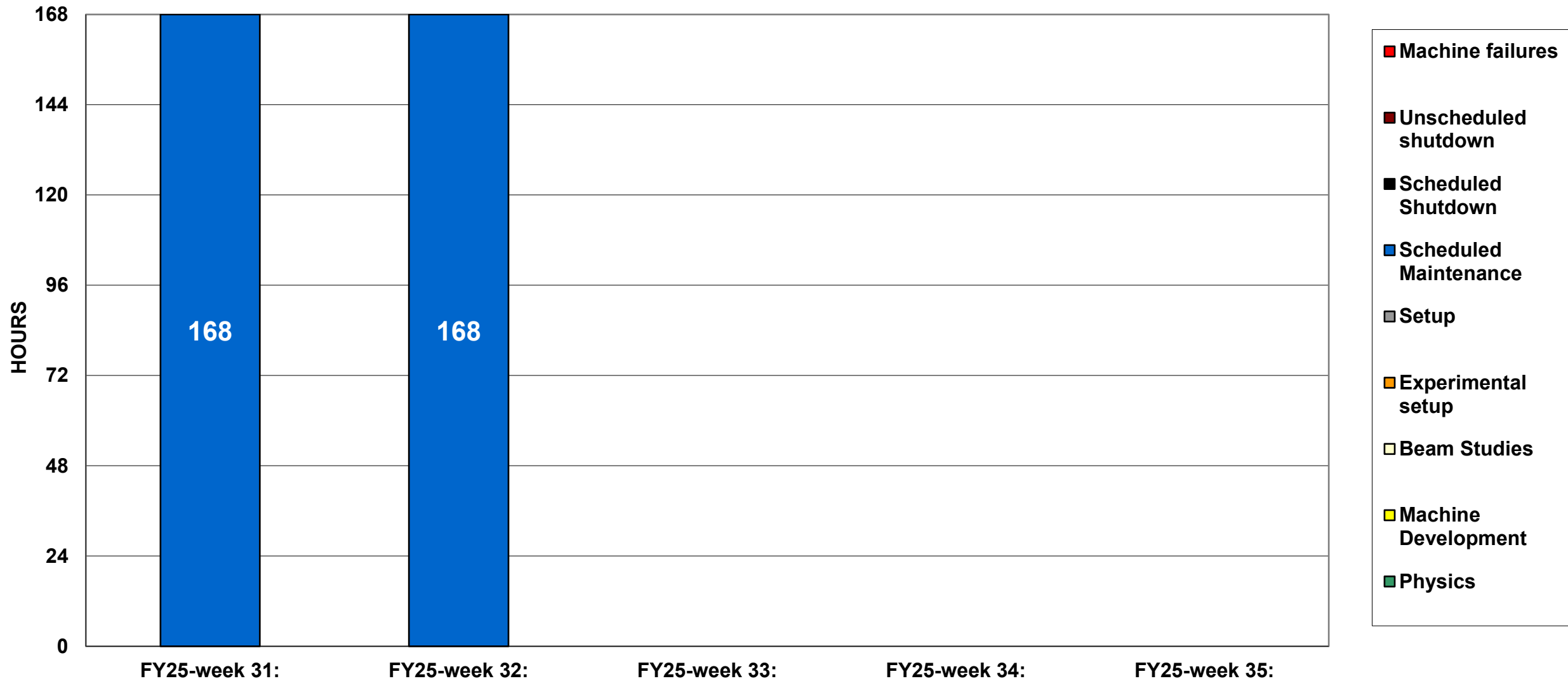
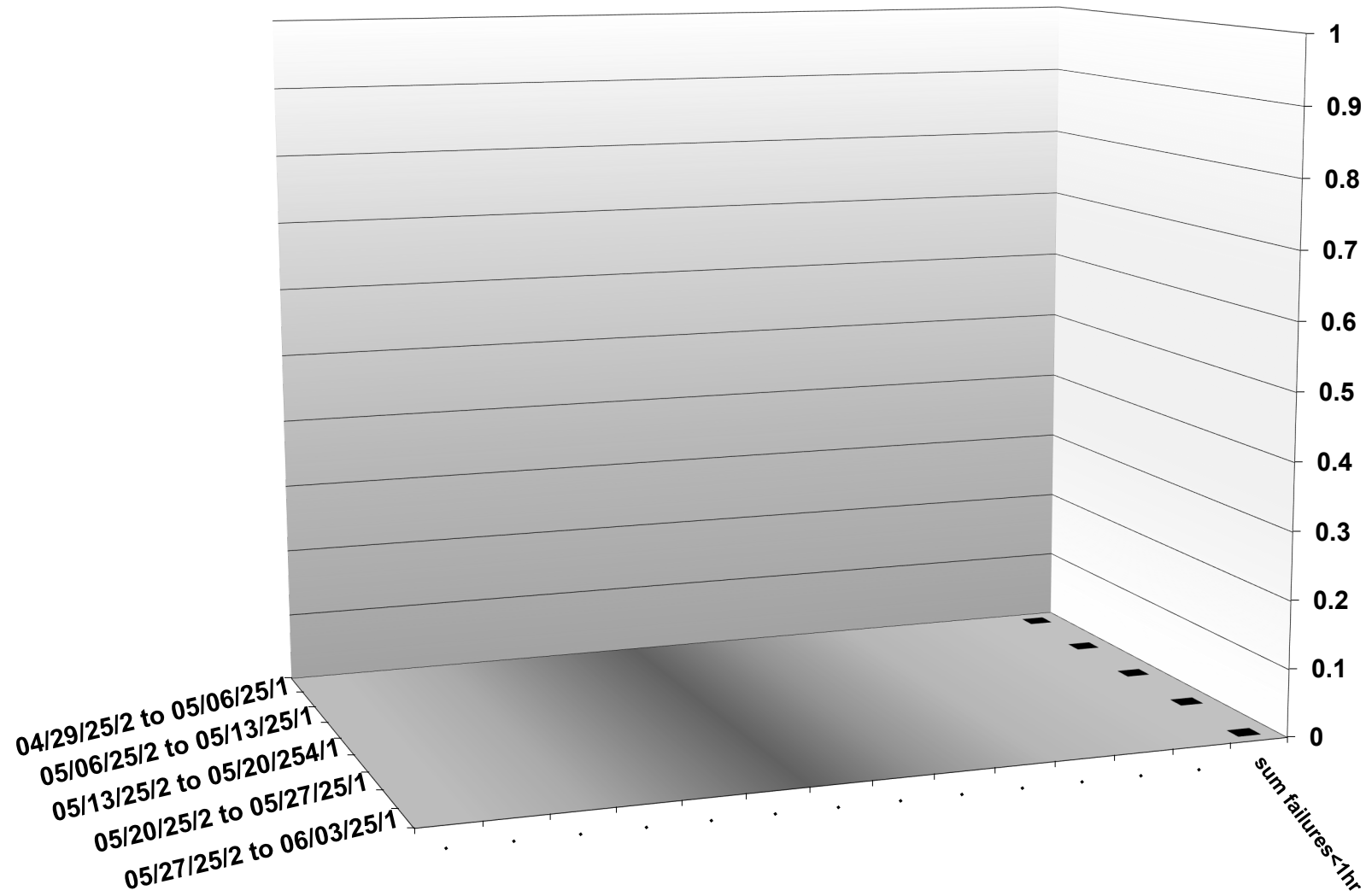


## C-AD ACTIVITY MAY 2025



## INTEGRATED FAILURES (GREATER THAN ONE HOUR) BY SYSTEM -- MAY 2025



# Operations for BLIP

5/6-13/2025:

No beam to BLIP.

No BLIP  
this past week

# NSRL activity past week: 5/6-13/2025 (as of 0800)

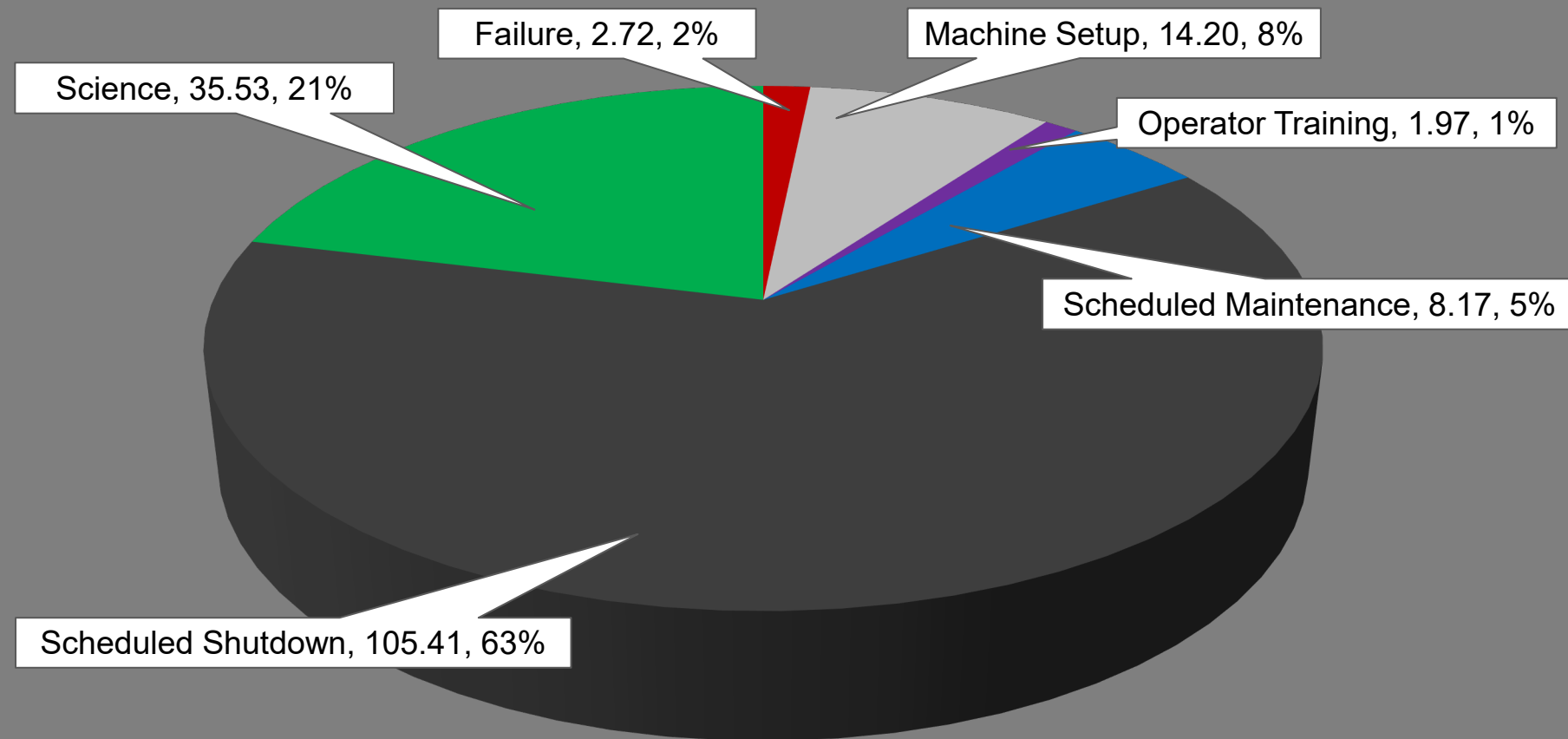
NSRL running continues; various users along with beam setup/development for upcoming schedule.

Tandem Si, Au and Linac protons in use, for single ion modes.

Running 25-A schedule since 3 February.  
Schedule posted, updates to 28 June for beams & users. 25-C schedule yet to be published for July-September.

## NSRL Hours

Experimental Setup	Failure	Machine Development	Machine Setup
Operator Training	Scheduled Maintenance	Scheduled Shutdown	Science



Availability: **95.0%**

# Notes from Operations

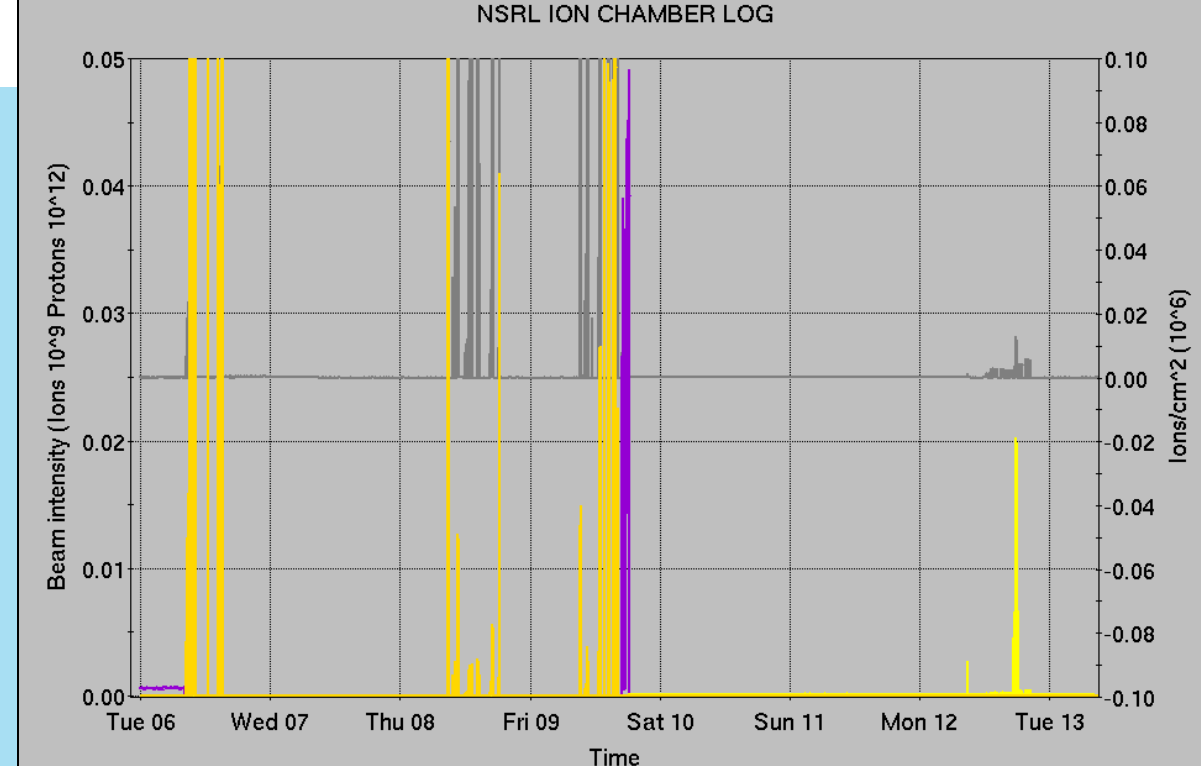
## Notable failures (>1 hr)

- RHIC Blue main dipole system failure, ongoing
- AGS extraction bump failures, ongoing
- AGS cold snake unrecoverable following power dip; interface chassis reset
- AGS a17-qd-ps failure, phase B fuse (2x)
- Severe weather stand-down
- AGS RF station E, IJ voltage issues
- AGS RF station K failure, requires access

## Other notes

- Various Tandem tuning, access for MP6
- Linac trips/resets
- Various LtB, BtA PS not resetting remotely

Over 47 hours injector pp setup, other studies  
(when injector systems are available)



AlarmDisplay - All Alarm View - Suppression Enabled Filter: globalMCRFilter.CAD -> LinacTandemBoosterAGS@acnlin56.pbn.bnl.gov

	Linac	Tandem	EBIS	Booster	AGS	ATR	RHIC	ERL	Other	Total
Total	15 (0)	8 (38)	1 (0)	9 (6)	13 (9)	0 (0)	10 (4)	0 (0)	1 (0)	57 (57)
RF	0 (0)	0 (0)	0 (0)	0 (1)	1 (0)	0 (0)	2 (0)	0 (0)	0 (0)	3 (1)
PS	5 (0)	6 (5)	0 (0)	1 (0)	9 (2)	0 (0)	5 (4)	0 (0)	0 (0)	26 (11)
Vacuum	1 (0)	2 (33)	1 (0)	4 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	8 (37)
Inst	0 (0)	0 (0)	0 (0)	2 (0)	1 (2)	0 (0)	1 (0)	0 (0)	1 (0)	5 (2)
Other	9 (0)	0 (0)	0 (0)	2 (1)	2 (5)	0 (0)	2 (0)	0 (0)	0 (0)	15 (6)

Tue May 13 10:47:00 EDT 2023

# Reminder from Operations

- MCR beam operations continue
  - Operator/OC shifts continue for NSRL users, 2 shifts/5 days this week and next.
    - NSRL ions from Tandem (pending resumption of AGS Au); Linac protons as required.
    - GCR pending EBIS restart.
  - No BLIP production until 23 May.
  - RHIC beam setup suspended pending cooldown, testing repair
    - AtR beam pending extraction PS failures.
  - AGS Polarized proton setup, other studies continue 2 shifts/5 days
- *Note: MCR will not be occupied continuously.*
  - No OC nor Operator on duty overnight or weekend. Contact CAS in off hours (x2024) for urgent issues when MCR is not staffed.
- Changes? Time to update is *now*. Expect calls at all hours.
  - Alarm response instructions: Groups prompted for updates
  - <http://directory.pbn.bnl.gov/>
    - CHECK AND EDIT YOUR OWN CONTACT INFO
  - [https://www.cadops.bnl.gov/Operations/personnel/call\\_in\\_lists/](https://www.cadops.bnl.gov/Operations/personnel/call_in_lists/)
    - CHECK YOUR CALLIN LIST: expect contact off-hours

# Availability: RHIC Run-25

