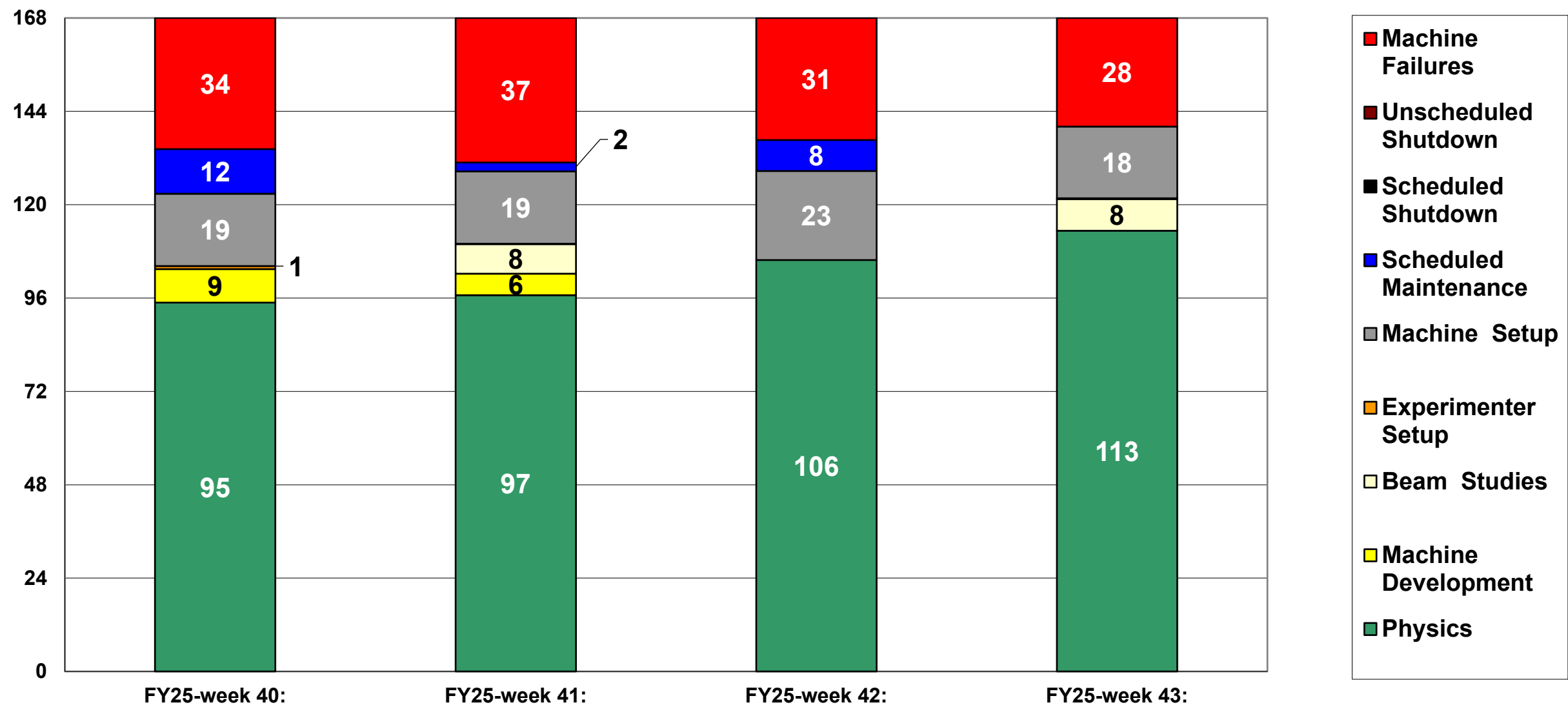
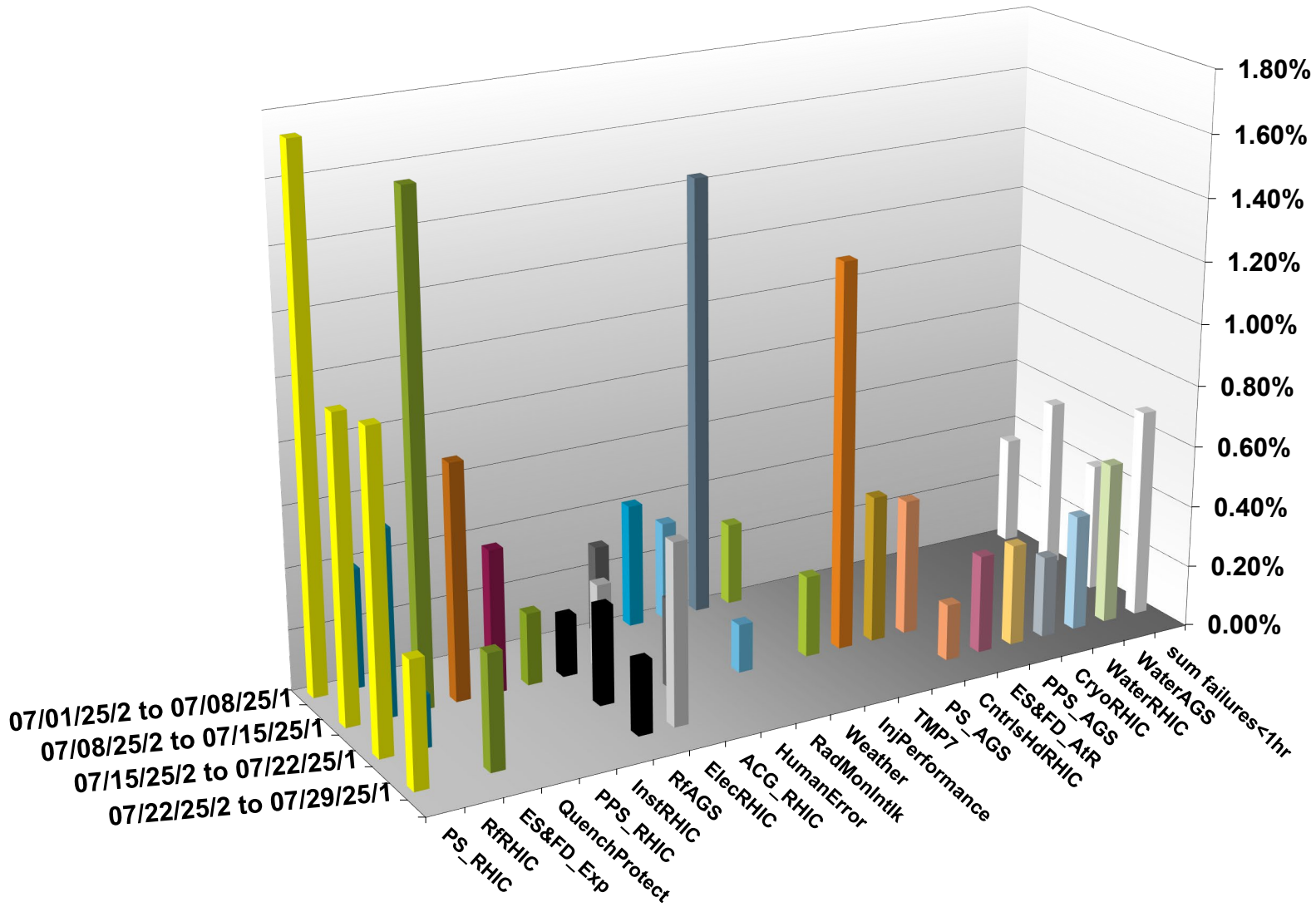


C-AD ACTIVITY July 2025



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



NSRL activity past week: 7/22-29/2025 (as of 0800)

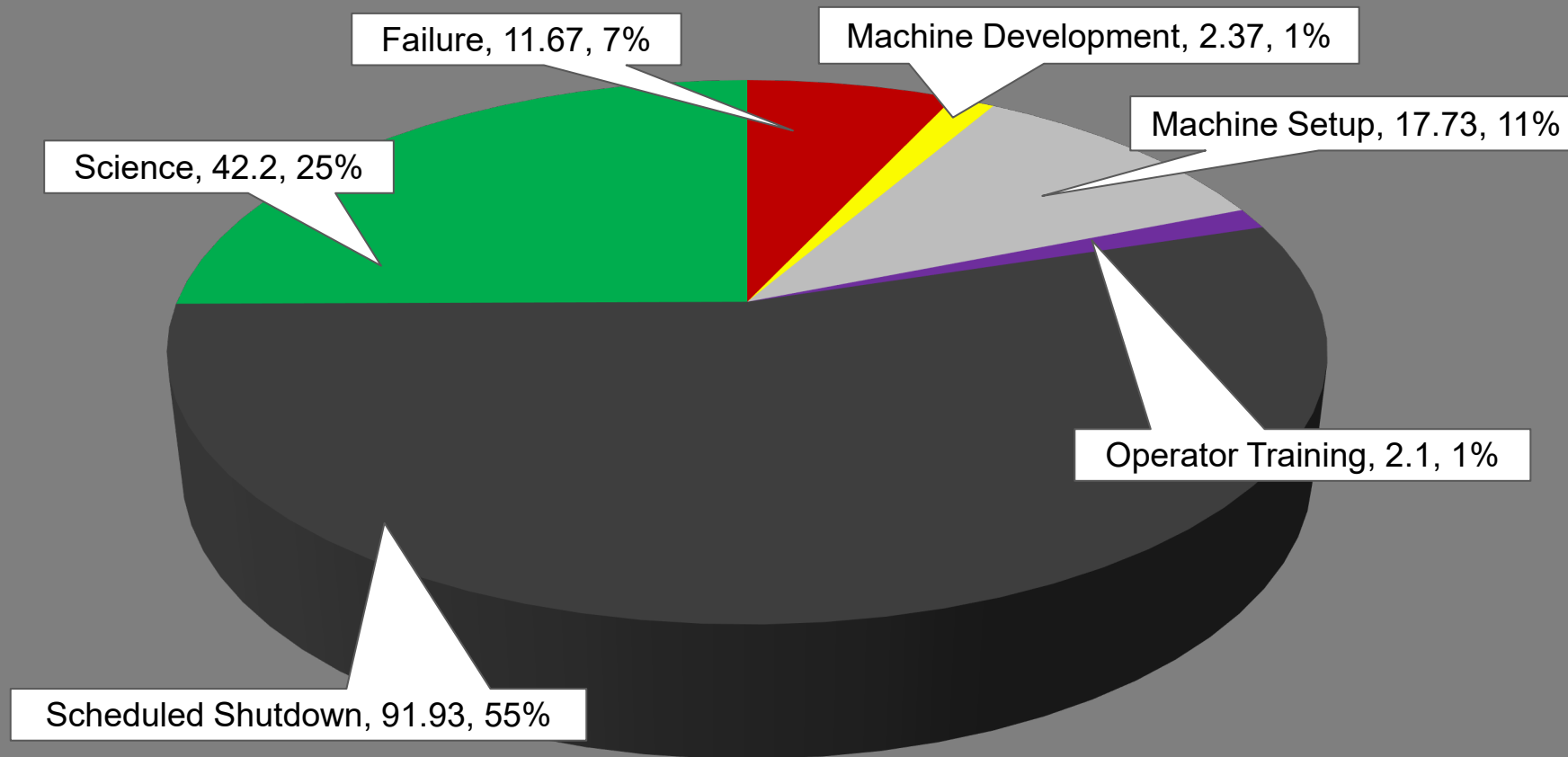
NSRL running continues.

Various user time and beam development continuing.

ions only (7: Si, Fe, Nb, Ag, Tb, Tandem Au, Bi) delivered to NSRL.

Run 25-C began 30 June;
25-C schedule posted,
updates forthcoming through
1 October.

NSRL Hours



Notes from Operations

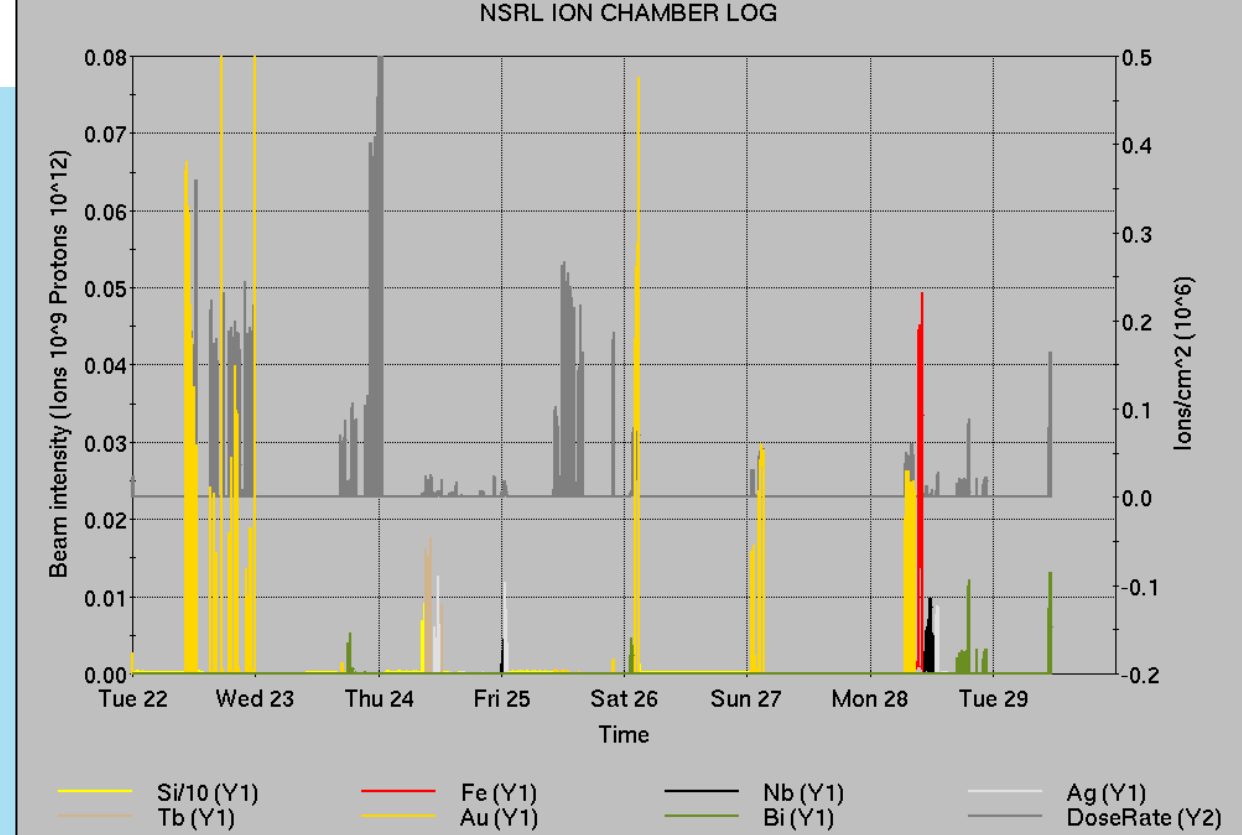
Notable failures (>1 hr)

- AGS Main Magnet PS trip on flow rate, pump and solenoid replaced
- Beam abort, NQBPS and QLI for yi6-qd2 overtemp fault
- Beam abort, 9A alcove communication/FEC failures
- STAR access (2x); trigger system, EMCAL issues
- Yellow QLI, y05-qd1-ps buffer card replaced
- 56MHz permit/beam abort (3x), access for chiller repair. Cryo heat at FPC; system remains off
- yarc90-ps failure, blower motor fuse replaced
- Stand-down for severe weather; ensuing power dips, flooding, and recovery of issues site-wide
- Tandem beamstop issues
- Beam abort, NQBPS (2x); 1 possible power dip, 1 undiagnosed
- Beam abort, Cryo lead flow. Sector 5 PLC supply replaced
- AGS G10 kicker PS stability issues, ongoing

Other notes

- AGS G09C extraction BLW PS remains in local control only
- BLM abort (2x); BA1 RF trip, yellow beam lost tune lock
- RF group work on AGS stations KL, K, B, DE, L
- cfe-h10-corr1 failure, replaced processor
- Other various trips, resets

Over 57 hours GeC shifts with beam; additional injector beam for Au setup, Operator training (when injector systems are available)



Setup	Filter	Linac	Tandem	EBIS	Booster	AGS	ATR	RHIC	ERL	Other	Total	Help
Total		0 (220)	10 (43)	1 (8)	4 (10)	12 (9)	6 (1)	13 (10)	0 (0)	24 (9)	70 (310)	
RF		0 (26)	0 (0)	0 (0)	0 (1)	3 (0)	0 (0)	2 (0)	0 (0)	9 (6)	14 (33)	
PS		0 (174)	9 (5)	1 (7)	1 (0)	6 (2)	3 (1)	7 (0)	0 (0)	1 (1)	28 (190)	
Vacuum		0 (7)	1 (38)	0 (1)	0 (7)	2 (0)	0 (0)	1 (7)	0 (0)	4 (0)	8 (60)	
Inst		0 (0)	0 (0)	0 (0)	0 (1)	0 (2)	2 (0)	2 (3)	0 (0)	4 (1)	8 (7)	
Other		0 (13)	0 (0)	0 (0)	3 (1)	1 (5)	1 (0)	1 (0)	0 (0)	6 (1)	12 (20)	

Reminder from Operations

- MCR beam operations continue

- RHIC physics running continues
 - Tandem remains sole provider of Au31 for RHIC
- Operator/OC shifts continue for NSRL users, 1 shift/2 days this week, 5 days/2 shifts next.
 - Au31 from Tandem for higher intensity; no proton beams; Ion beams from EBIS.
- AGS tuning, other studies to continue behind stores as time allows.
- *MCR on duty 24/7.*

- Changes? Time to update is *now*.
Expect calls at all hours.

- Alarm response instructions: need updates
- <http://directory.pbn.bnl.gov/> CHECK AND EDIT YOUR OWN CONTACT INFO
- <https://www.cadops.bnl.gov/Operations/personnel>
 - CHECK YOUR CALLIN LIST: expect contact off-hours
 - Summer is vacation time! **Make sure your list is accurate**

MCR Call In List:

See [directory](#) for full listing of MCR staff.

Expertise	Name	Extension	Cell Phone	Home Phone	Pager	e-mail	Time Off	Notes
OPM / Conduct of Operations	Gregory Marr	7810	215-262-9151	631-924-1752		gmarr@bnl.gov	07/08/2025 - 07/17/2025	Group Leader
MCR "facility"	Travis Shrey	7451	631-987-7754	631-874-0706		shrey@bnl.gov	Active	Deputy GL
Training, sweeps, procedures	Chris Naylor	7986	631-642-0959	use cell		cnaylor@bnl.gov	Δ07/01/2025 - 07/09/2025Δ	
Injector Performance:								
Primary Contact	Keith Zeno	7175	631-806-4430			zeno@bnl.gov	Active	
Secondary Contact	Iris Zane	7697	518-588-6776			izane@bnl.gov	Active	
RHIC/AR Performance:								
Primary Contact	Travis Shrey	7451	631-987-7754	631-874-0706		shrey@bnl.gov	Active	
Primary Contact	Brendan Lepore	2439	847-656-6842			blepore@bnl.gov	Active	
Secondary Contact	Vincent Schoefer	8453	917-355-5312	631-772-2393		vschoefer@bnl.gov	Active	
General	Gregory Marr	7810	215-262-9151	631-924-1752		gmarr@bnl.gov	07/08/2025 - 07/17/2025	
CeC Machine Specialist	Travis Shrey	7451	631-987-7754	631-874-0706		shrey@bnl.gov	Active	
LEReC Machine Specialist	Travis Shrey	7451	631-987-7754	631-874-0706		shrey@bnl.gov	Active	
Booster Performance for NSRL:								

Availability: RHIC Run-25

