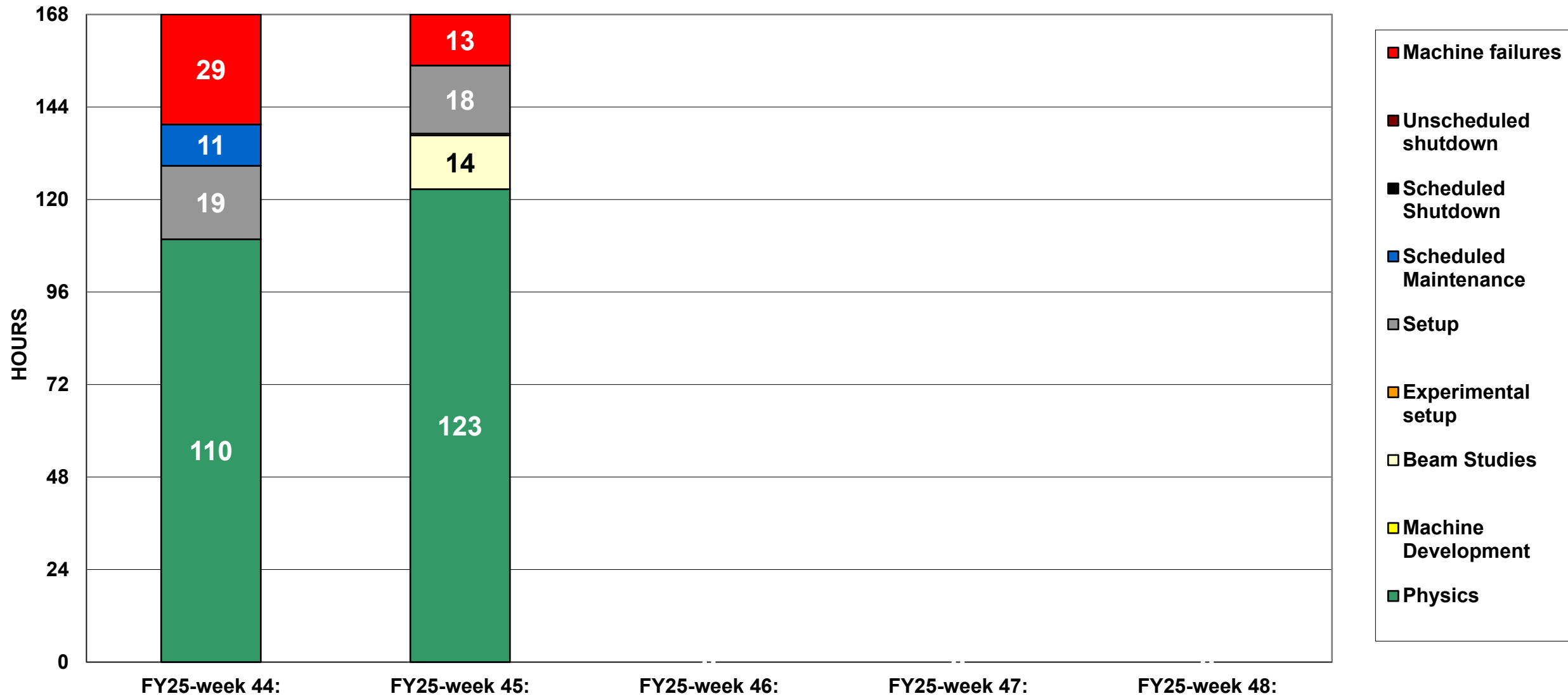
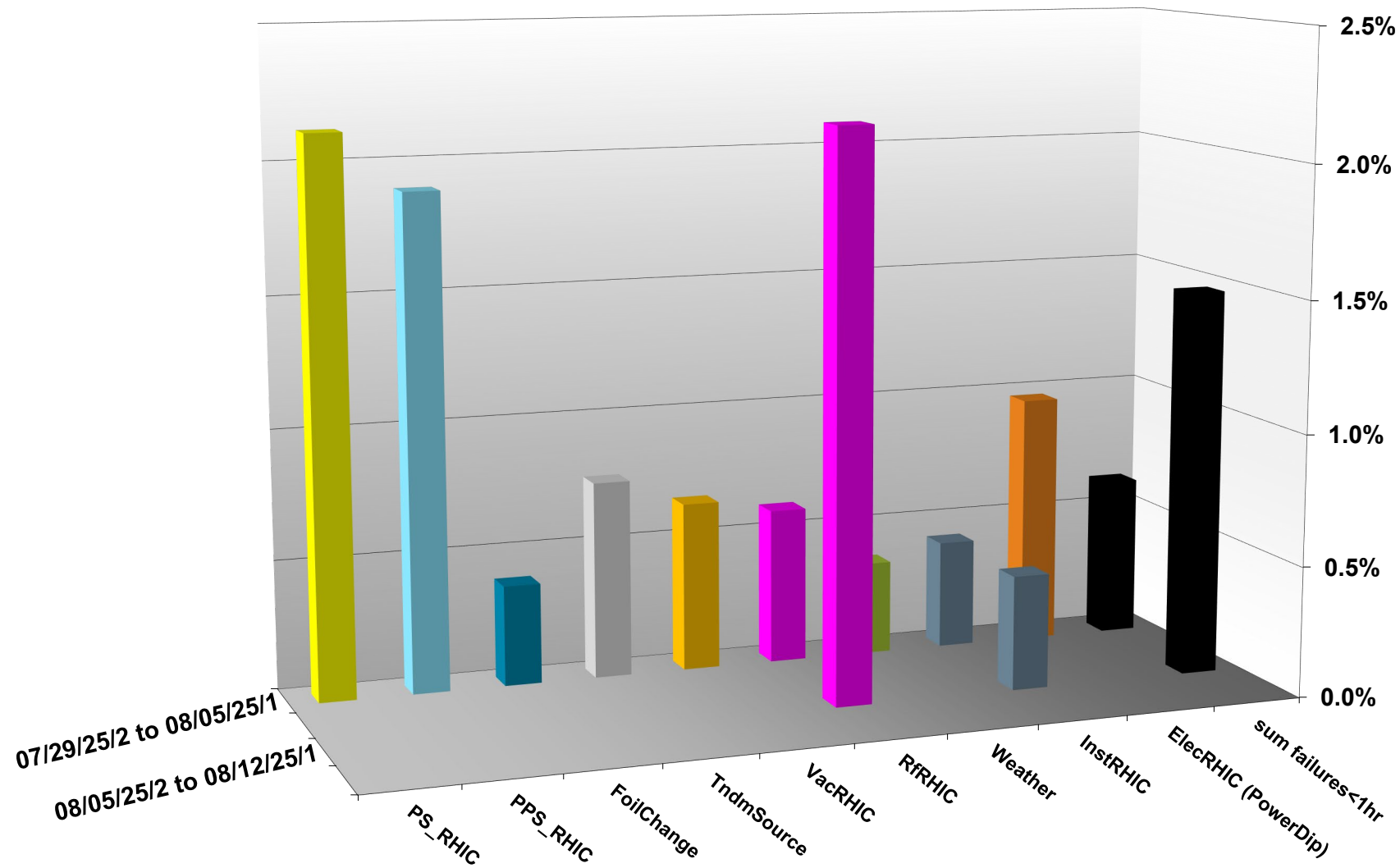


C-AD ACTIVITY AUGUST 2025



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



NSRL activity past week: 8/5-12/2025 (as of 0800)

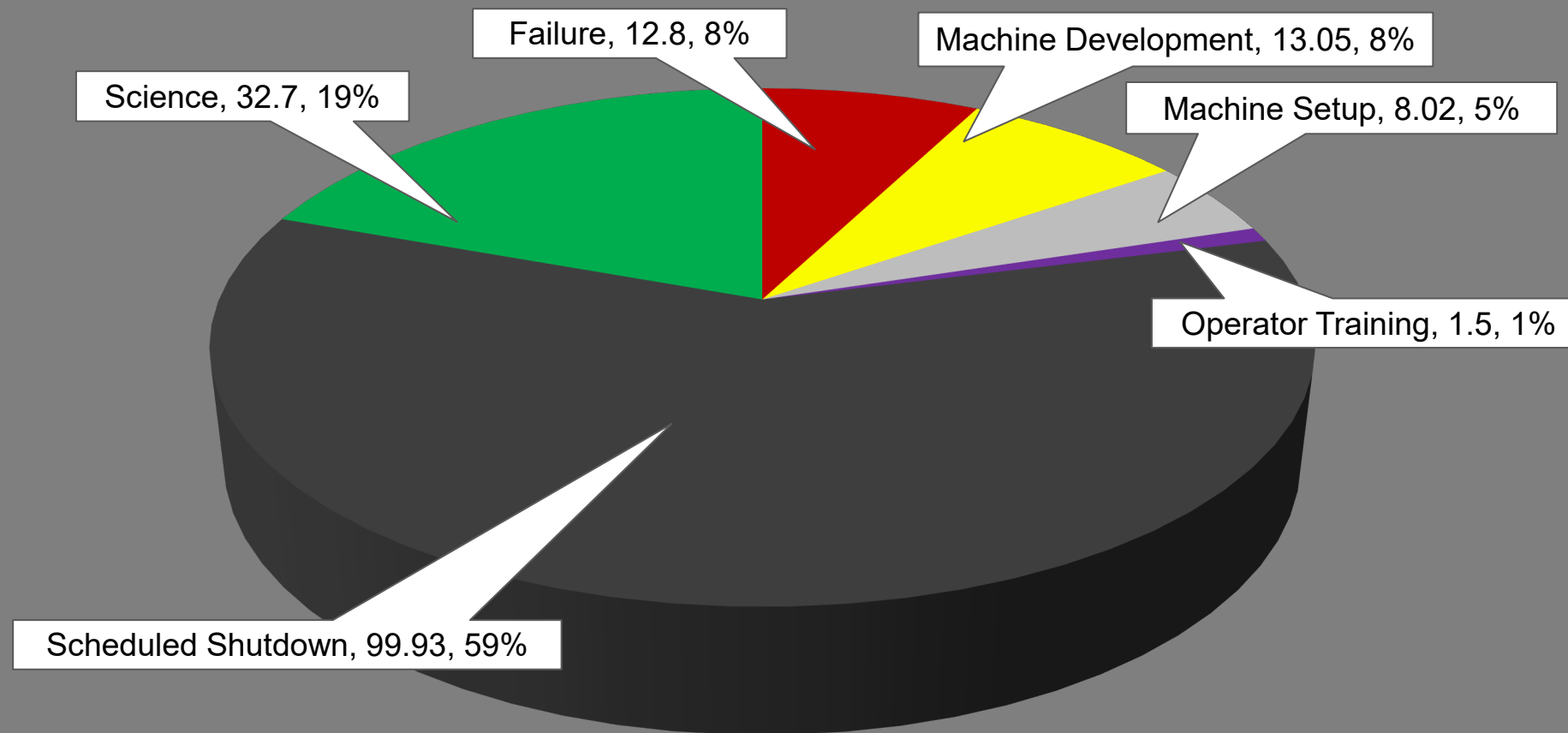
NSRL running continues.

Various user time and beam development continuing.

6 species (O, Si, Fe, Tb, Ta, Bi) logged to NSRL; H in Booster.

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

NSRL Hours



Notes from Operations

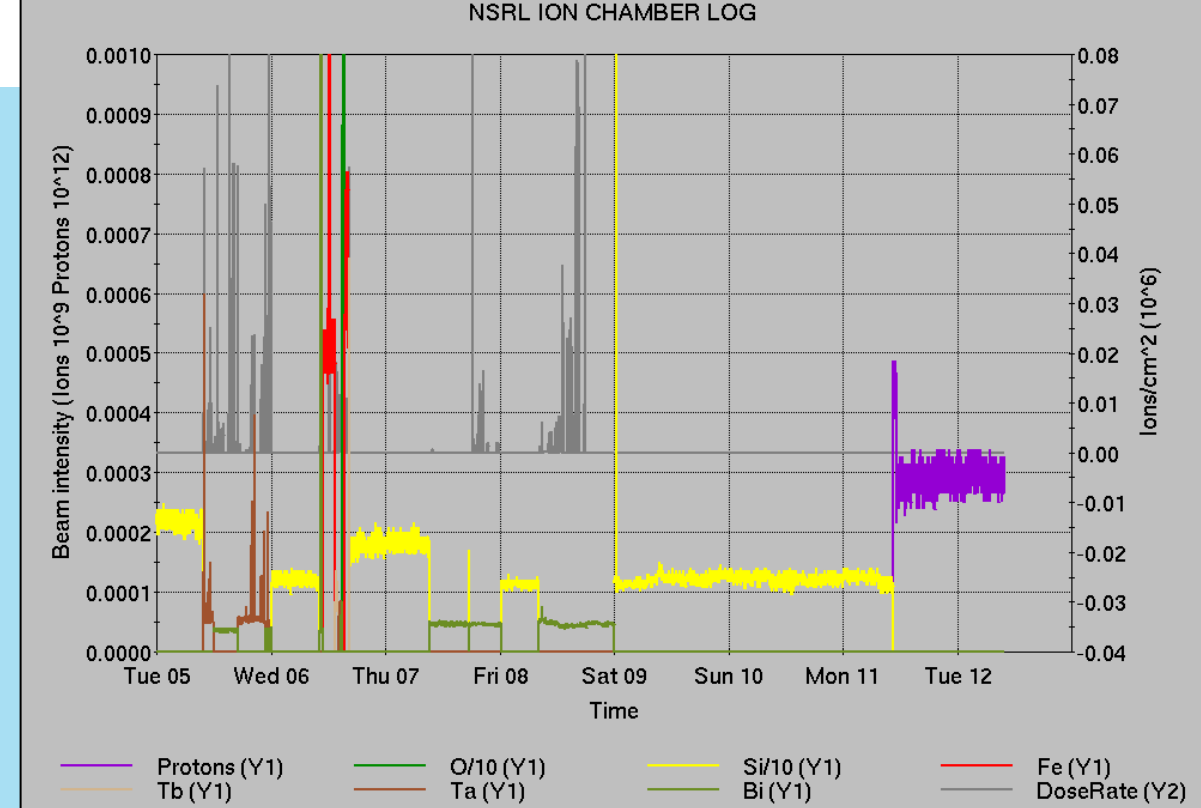
Notable failures (>1 hr)

- NSRL air compressor trip, misused valve, and subsequent investigation of ACS reachbacks
- RF access, storage cavity repairs (2x)
- Booster C7 inj kicker PS failure, resistor replaced
- Booster D1 inj kicker PS failure (3x), resistor replaced
- G10 kicker PS failure forcing single-bunch fills; trigger board replaced
- Booster D6 septum PS repairs for heat load issues
- EBIS LEBT solenoid PS failure, undiagnosed
- EBIS RFQ fault, reset

Other notes

- Yellow QLI, beam induced by debunched beam
- Lead flow interlock, Cryo input card replaced
- Vacuum interlock, 24V PS replaced
- BPM abort (3x), likely 9A alcove radiation upset
- NQBPS abort, mild power fluctuations
- Other various trips, resets, tuning, foil changes

additional injector beam for Au setup, Operator training
(when injector systems are available)



Alarm Statistics	FY 2025		
Total control points in database	2,701,735	qfg.ak08-tv-ps:ioErrorM	72525
Total alarm DB entries	1,739,886	ulrCikDsk.2a-bbbdamp.b:lockStatusAlarmM	42791
Total alarms set as new	873,561	lhn-d182-ps.watch:alarmM	34523
Total distinct parameters which alarmed	16,951	permit.958-vme.A:upstreamFailedM	28750
Total operator actions on alarms	14,306	eba-cp-03:tempM	26893
		ebs-dt6-ps:ioErrorM	18665
		eba-cp-01:tempM	14514
		QP02-R01B04-bi1-sxf1-qp:statusM	13537
		gpm.lrm.21_hebt7-avg:dataM	11979
		gpm.lrm.20_hebt6-avg:dataM	11109
		nmr20Gaussmeter:lockStatusAlarmM	10632
		es3-ion.probe.src-ps:ioErrorM	9464
		qfg.ae18-th-ps:ioErrorM	9197
		power.uq2:trackingM	6478
		rbpm.yo8-bv5:bpmStatusM	6193
		ebs-dt12-ps:ioErrorM	5930
		gpm.B_DipoleDcctDiffAtStore:dataM	5271

Reminder from Operations

- MCR beam operations continue
 - RHIC physics running continues
 - Tandem remains sole provider of Au31 for RHIC
 - Transiting MP7->MP6->MP7 for foil maintenance.
 - Operator/OC shifts continue for MD of light ions and users, 6-7 days/1-2 shifts this week and next.
 - Au31 from Tandem for higher intensity; no proton beams until November; 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/call_in_lists/
 - 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	07/01/2025 - 07/09/2025	
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/ATR 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

