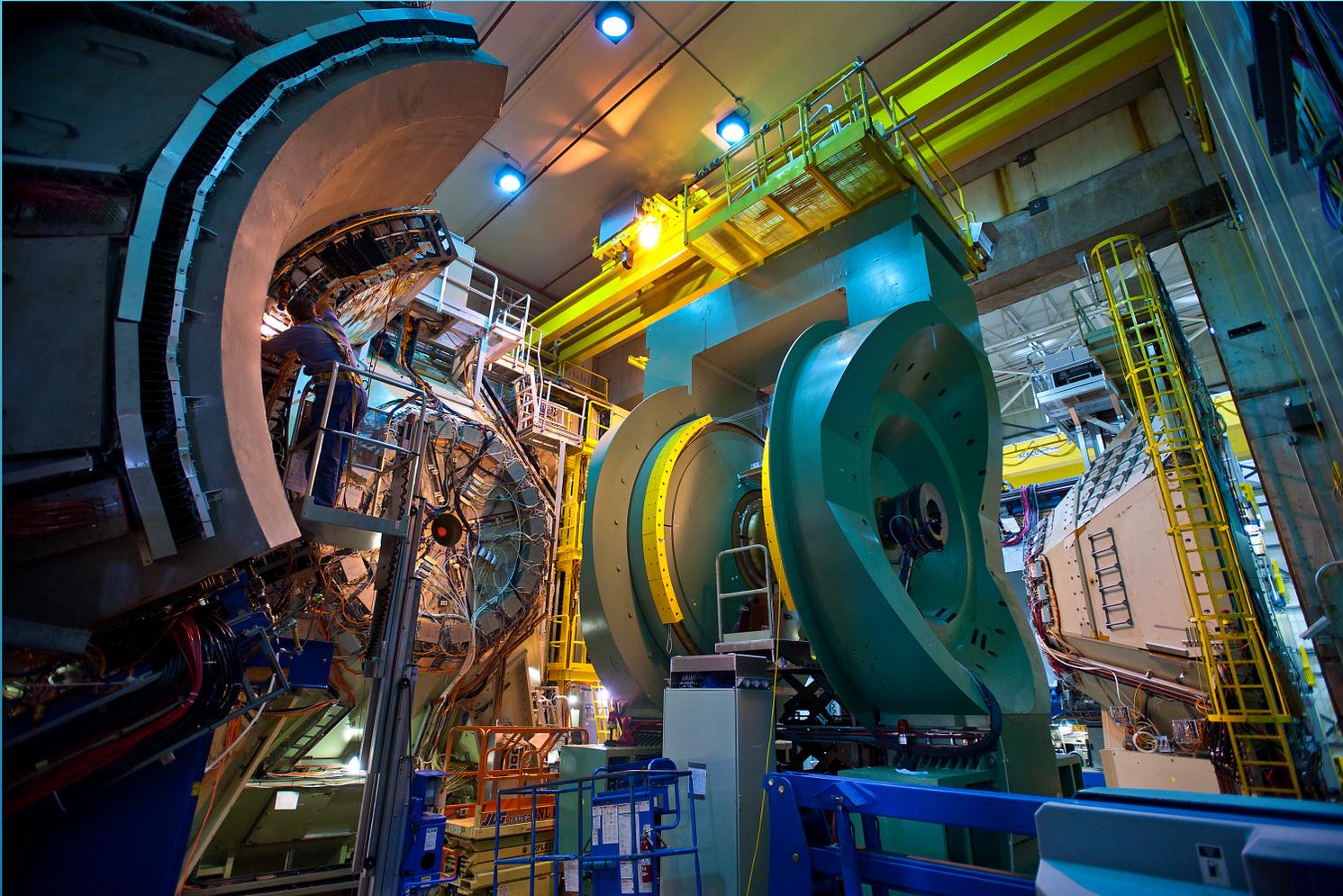


# PHENIX WEEKLY PLANNING



March 31, 2016  
Carter Biggs

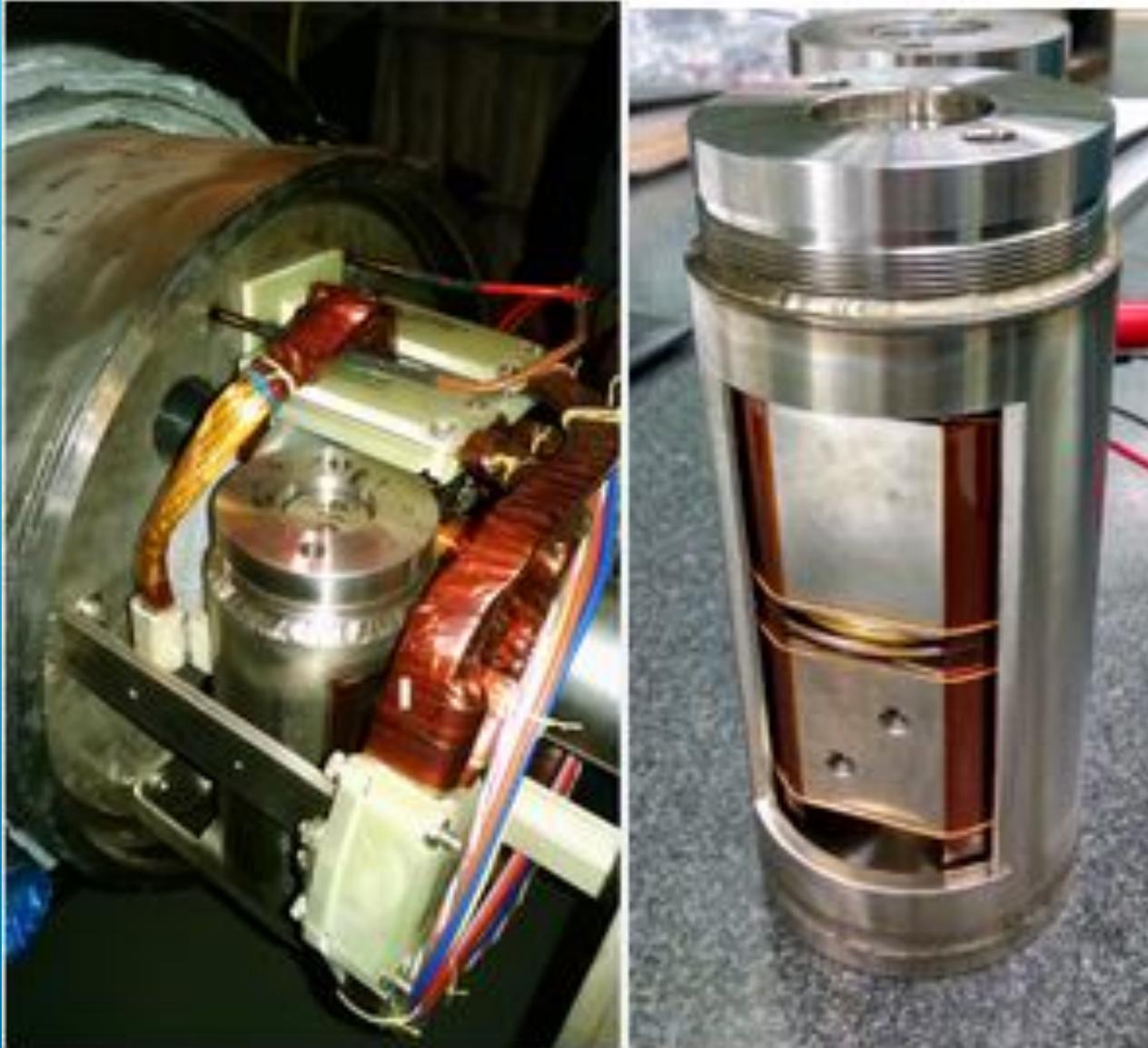
# The Last Two Weeks

1. Magnet Failure @ 11 o'clock
  2. DC West Broken Wires removed
  3. VTX/FVTX Work
  4. Main Frame(s) Replaced
  5. Mostly Cosmic Rays taken
  6. sPHENIX prep work for Fermi Test Beam complete
  7. Prototypes shipped
  8. Resume working gas flow in DC
- 
- A decorative graphic consisting of several parallel white lines of varying lengths, slanted diagonally from the bottom right towards the top right, set against the blue gradient background.

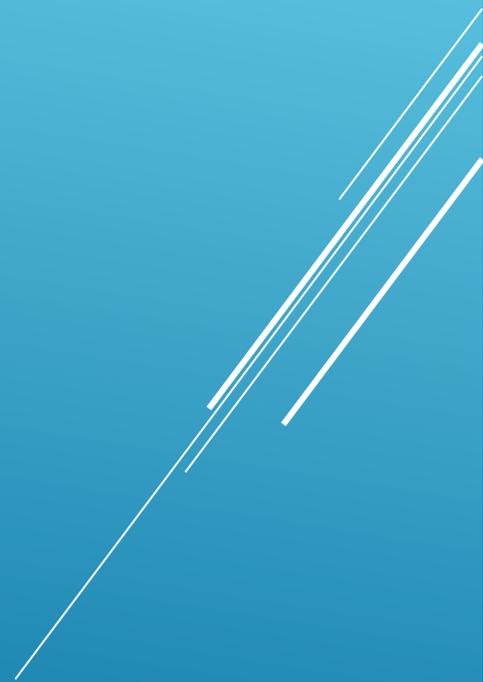
# Next Week

1. Requests for technical help?
2. Resume beam on Sunday/Monday?
3. Next access day ?
4. Frank and Carter to Fermi for the week  
Mechanical requests: Jimmy LaBounty/Mike Lenz  
Gas issues: John Tradeski/Rob Pisani  
Electrical/Electronics: Sal Polizzo

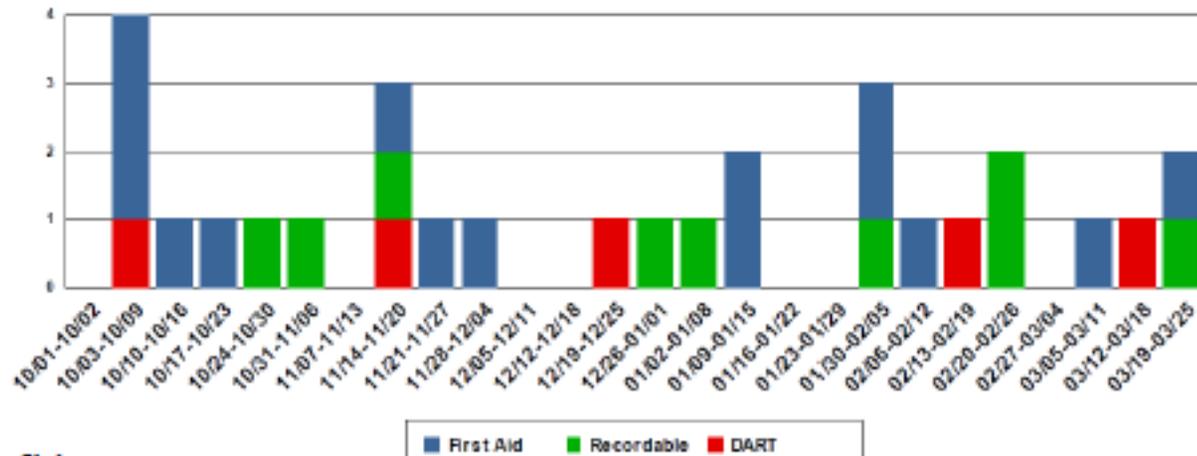
# Diode Failure @ 11 o'clock



# S-PHENIX WORK



### Injuries Per Week (FY) As of 3/25/2016



**Injury Status:**

FY16 YTD: DART – 5, TRC – 14, First Aid – 15  
 FY15: DART – 15, TRC – 24, First Aid – 51  
 FY14: DART – 18, TRC – 34, First Aid – 37

**FY16 Injury Listing:**

<https://shsd.bnl.gov/occinj/BNLIInjuries.aspx>

**Recent Injuries**

3/22/16	Recordable	An employee was removing adhesive tape with a razor knife and injured their finger. Sutures were received making this recordable. The employee returned to normal duties.
3/21/16	First Aid	An employee slipped on rock salt and fell onto both knees.
3/18/16	DART	An employee stepped into a hole in a grassy area and injured an ankle. The employee was transported to a local ER and began to lose time. This is a DART case.
2/24/16	Recordable	An employee reported pain in their elbow while using a new backpack vacuum. At the OMC, first aid was given and the worker returned to normal duties. <u>Update 3/22/16:</u> Recordable due to Physical Therapy.
2/23/16	Recordable	An employee was lifting a container and injured an arm due to the unexpected heavy weight. At the OMC, first aid was given and the employee returned to normal duties. <u>Update 3/22/16:</u> Recordable due to Physical Therapy.

## Recent Events

3/22/16

R

Based on an evaluation by the Performance Analysis Group and an Electrical subgroup analysis, on March 22, 2016, a determination was made to issue an "R" Recurring occurrence report regarding the frequency and similarity of the following ORPS and non-ORPS events related to the Worker Safety and Health Management System that have occurred over the last 12 months:

04/27/2015, Surveillance Report (#16697), Out of Cycle Voltage Gloves Observed Prior to LOTO

05/11/2015, Surveillance Report (#169100), Steam Hazard not LOTOed as Required (Noted prior to start of work)

06/09/2015, SC4 - SC--BHSO-BNL-BNL-2015-0006, Failure to Follow a Prescribed Hazardous Energy Control Process

08/07/2015, Surveillance Report (#17850), Complex LOTO Plan Did Not Identify Battery Energy (Noted prior to start of work)

11/2/2015, SC4 - SC--BHSO-BNL-BNL-2015-0009, Surveillance Identifies Lockout/Tagout Procedural Noncompliance

01/12/2016, SC4 - SC--BHSO-BNL-BNL-2016-0001, Worker Performed Lockout/Tagout (LOTO) with Expired Qualification

02/23/2016, SC4 - SC--BHSO-BNL-BNL-2016-0004, Failure to Follow BNL Energy Control Process

02/26/2016, SC4 - SC--BHSO-BNL-BNL-2016-0005, Failure to Recognize the Need for LOTO and to Implement the Required Procedure

Each of the above reports involved a deviation from required procedure(s) within the institutional Worker Safety and Health Management System. ([Event Link](#))

## From Gail Mattson, ALD for ES&H

Over the last several months, we have had an increase in events related to both electrical safety and Lockout/Tagout (LOTO). An initial review of the events revealed a need to improve our work planning and work implementation process; especially for electrical LOTO.

When planning and performing work on equipment, ensure your work planning team includes a disciplined hazardous energy analysis and hazardous energy control strategy for the system being worked on. This includes doing the following:

- Keep a questioning attitude before, during, and after a job.
- Check that training is up-to-date.
- Determine whether LOTO is needed (see LOTO Subject Area for guidance).
- Determine whether simple LOTO is sufficient or if a Complex LOTO plan needs to be written.
- Follow shutdown, LOTO, and startup procedures as written.
- Wear required personal protective equipment when conducting a zero energy check.
- Make sure your PPE is not outdated.
- Maintain control of the work area.
- Double check the work scope and requirements before starting the work.

On this last point, don't take shortcuts. It is far better to take 15 minutes to double check our work plan than to spend a significant amount of time due to an investigation of non-compliance, or worse yet an injury.

In the upcoming weeks, an internal team will take a deeper look into these events and develop corrective actions for the Lab. Expect further communications in the next few weeks in your group meetings and from our Environmental, Safety, and Health team. Thanks for staying focused on safety.

-Gail

# WHERE TO FIND PHENIX ENGINEERING INFO



WELCOME TO FERMILAB

[http://www.phenix.bnl.gov/WWW/INTEGRATION/ME&Integration/DRL\\_SSint-page.htm](http://www.phenix.bnl.gov/WWW/INTEGRATION/ME&Integration/DRL_SSint-page.htm)

