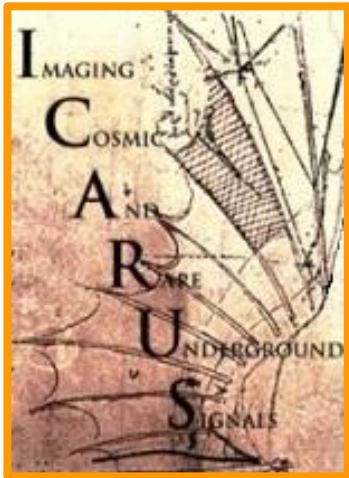


# Drift HV System Installation Update 07/08/2020

Zachary Williams



# The Work to Address the pORC Review Findings:

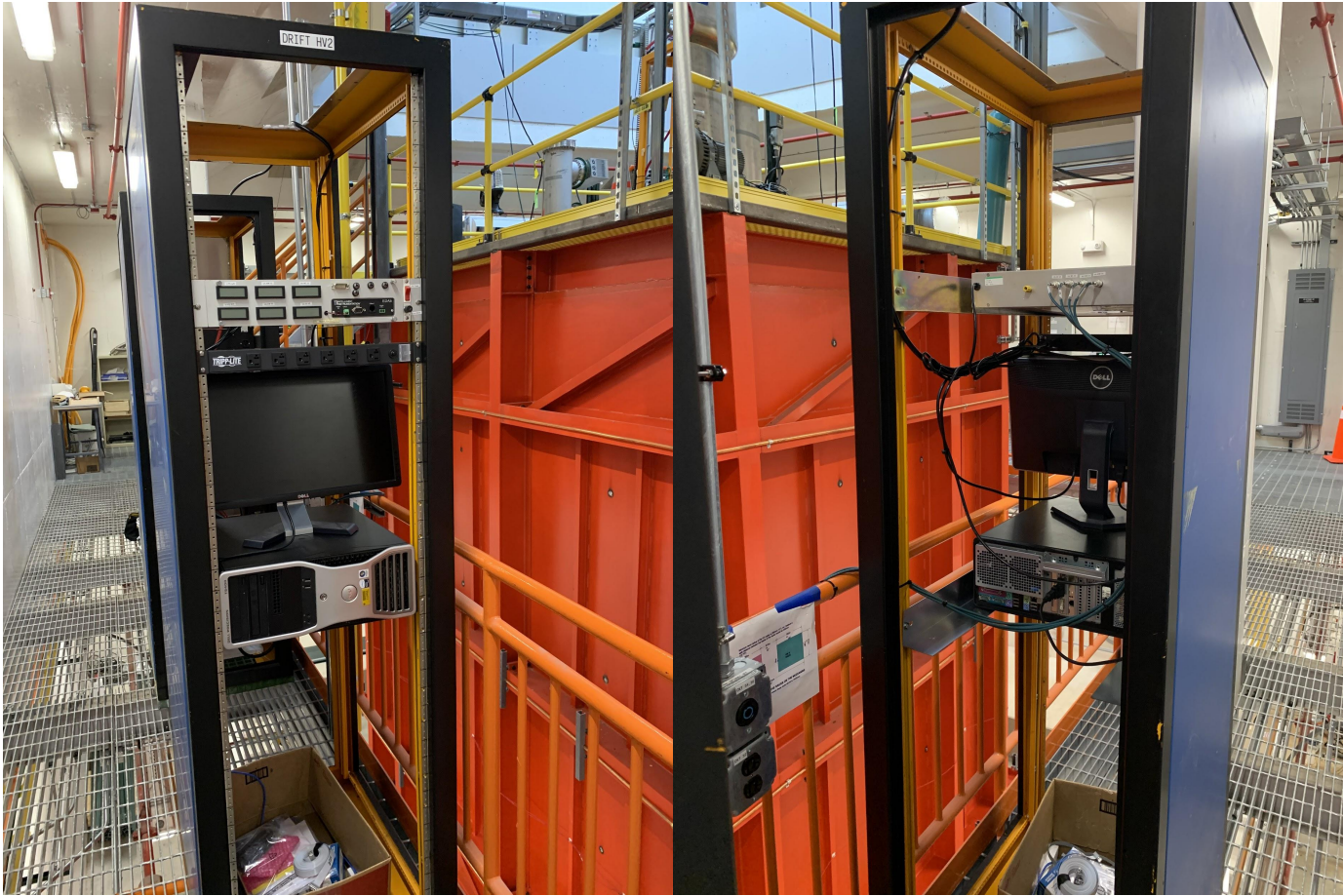
Over the past week, the findings of the pORC review have been addressed (huge thanks to Skip for all his help in addressing the findings).

Virtually all of the findings had to do with cabling (routing and protecting some of the cables), and an issue with one of the plugs of the Splitter on top of the detector.

# New Images of the Racks:

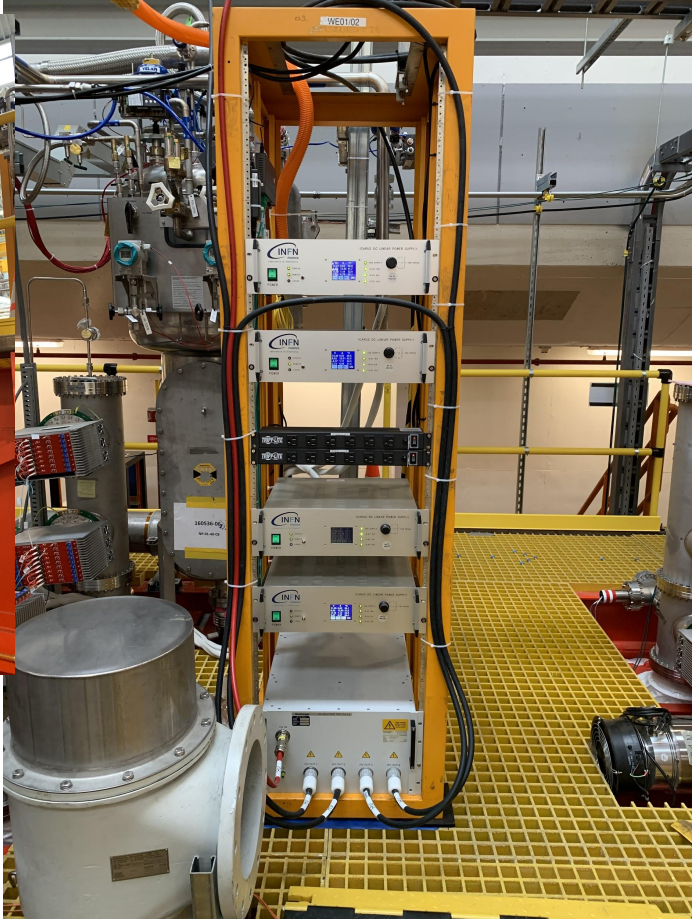


# New Images of the Racks:



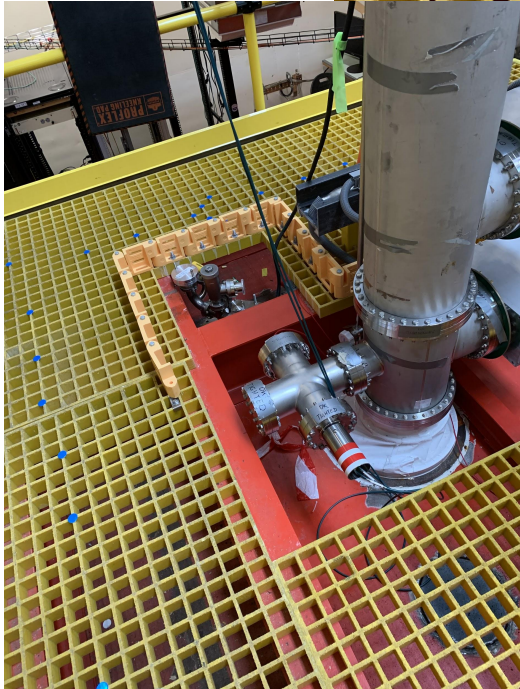
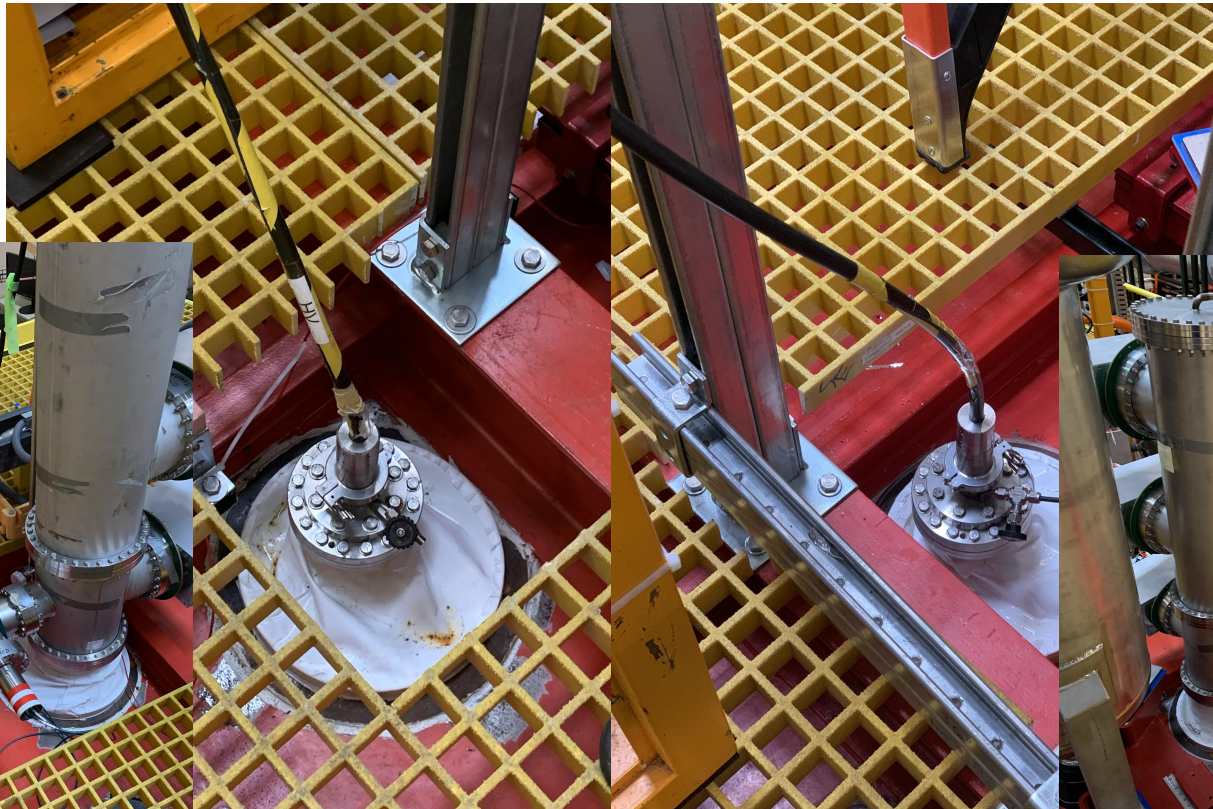


# New Images of the Racks:





# New Images of the Cables:



# Next Steps:

1. Schedule the Follow-Up Review for the pORC for the Drift HV System Electrical Racks.
  - a. I'm going to schedule the follow-up for Monday (7/13/20) in the afternoon.
2. There are a few tests that we have planned for the Drift HV System to ensure the safe operation of the Drift HV for the TPCs that need to be performed.
3. Finish implementation of the control and monitoring of the Power Supply and system into the Slow Controls.
  - a. Geoff and I have already had a meeting and Geoff helped organize a plan that we are in the process of implementing.
  - b. Have a meeting with Geoff after this meeting to specifically talk more about this.
4. If possible, I'd like to have site access all of next week so that I can finish the rest of this work and be onsite for any access I might need for the racks while we're trying to ping and communicate with the monitoring chassis.

# A Huge, Amazing THANK YOU to:

There are SO many people I have to thank for their help in getting the Drift HV Electrical Racks to the point that they are, but in particular I'd like to give an enormous **THANK YOU!!** to:

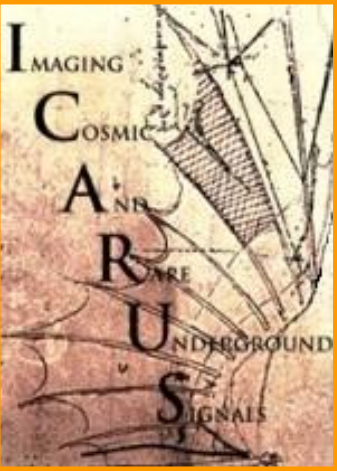
- Claudio,
- Donatella,
- Geoff,
- Linda,
- and Skippy.

Thank you all very, very much for your help and patience!





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**Thank you!**