

LArFCS Progress Report

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Lab Safety Status

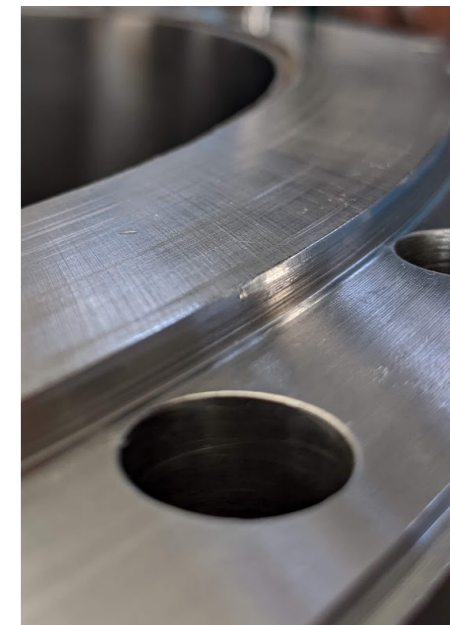
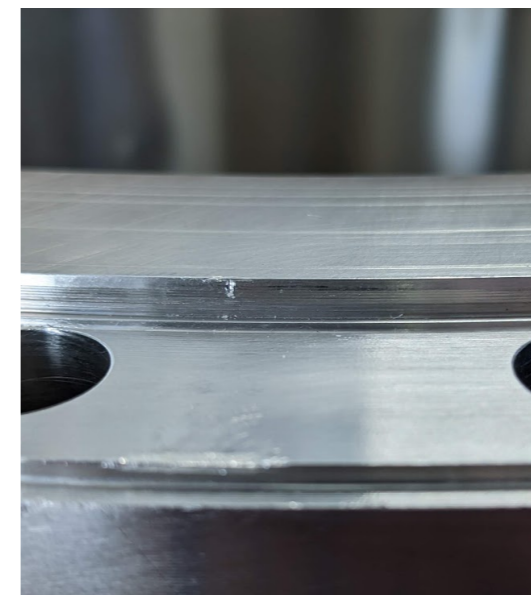
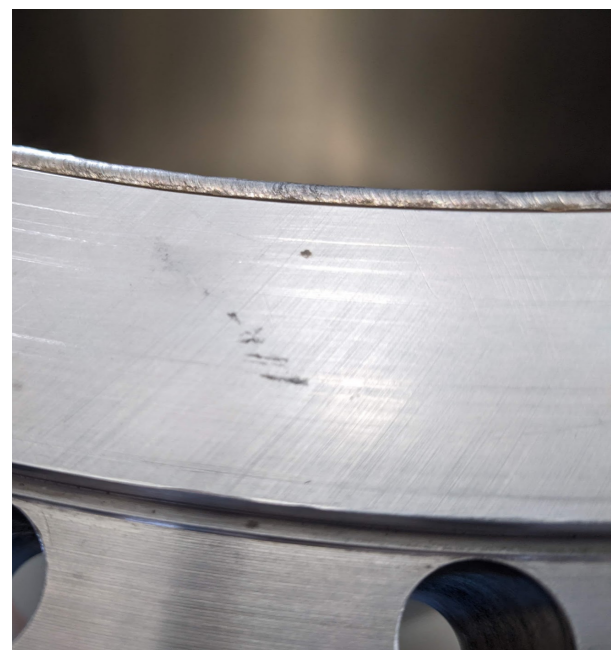
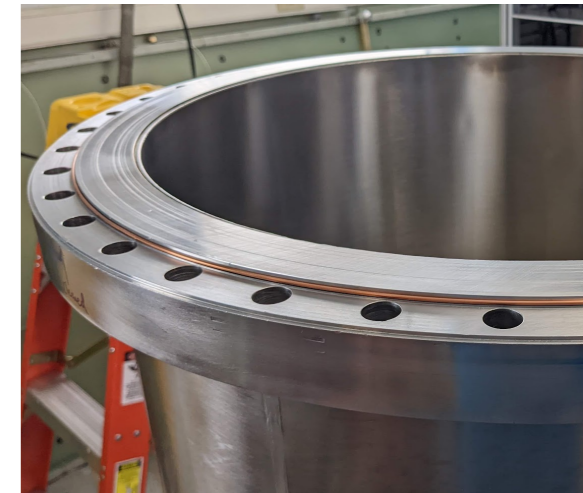
▶ **Safety Reminders**

- Please pay attention to the lab COVID policies
- Still need to wear face mask onsite
- **Work place safety**
 - Keep awareness of safety onsite
 - Keep an eye on the summer students around the lab, even not work with you, but close by
- Please keep your training record up-to-date
- **HighBay corner room cleaning up**
 - Most of the useful items have been cleaned out
 - The major items occupying the space are the two winding machines and the cabinet with the accessories

LArFCS Purity Run

▸ Top flange cleaning up

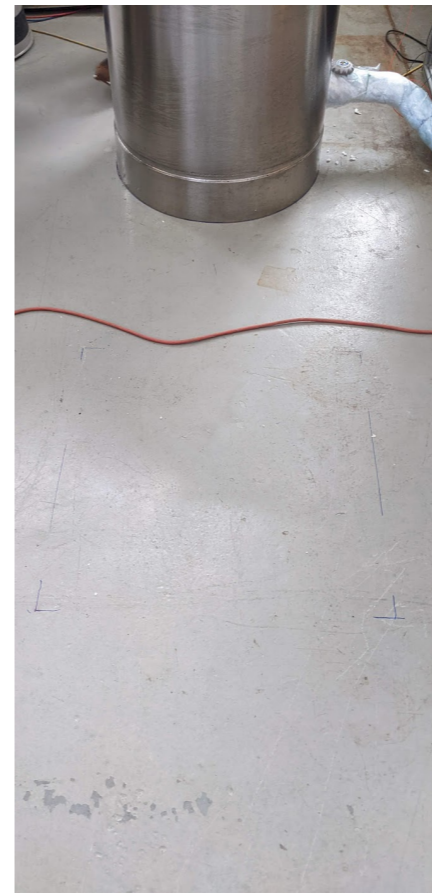
- Surface carefully inspected and cleaned, in order to pursue ultra high purity
- A couple of solid contaminations on the flange rim found, most likely welding spatter
- All removed and polished
- New copper wire-seal installed
 - Notice obvious crash-flatten surface on the old seal



LArFCS Purity Run

▸ LArFCS top flange lifting and assembly

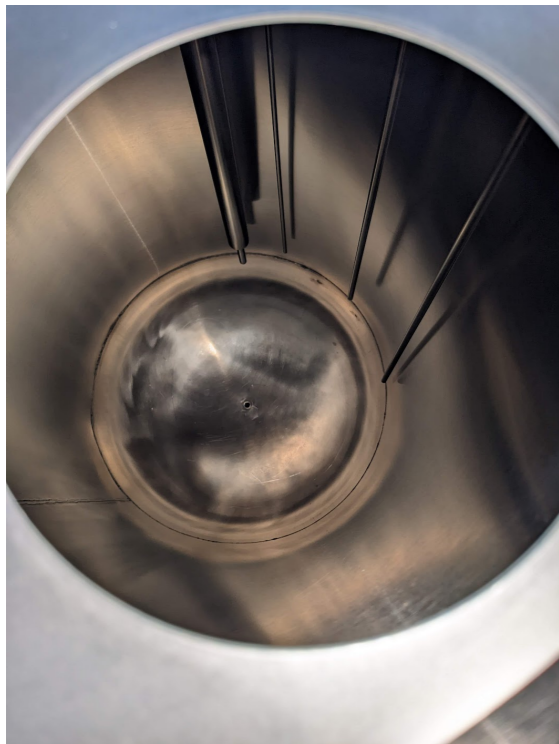
- The moving process has been conducted over a dozen of times
- With experience accumulated from the previous operations
 - Assembly frame and main dewar locations are marked on the floor
 - The crane operations are limited to vertical(up/down) and horizontal move (north/south) in one dimension
 - The level of the top flange assembly can be well maintained with adjusting the lead bricks
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LArFCS Purity Run

▸ Leak check on the sealed system

- Leak detector pumping on the main dewar
- Several leaks fixed on the ullage new fittings
- The current minor leak is on the main seal, just increased the torque to 50 ft-lb
- Helium reading is better than 10^{-9} mbar.l/s
- Wrapping on the heating tape today



Electron Attachment JINST paper

▶ **Feedback from reviewer received on June 8th**

- Only one reviewer assigned
- Overall positive and major objections on the tech contents
- Reviewer is pretty picky on the font, style and accordance of the tech terms
- Craig and I had one discussion last week and will have another discussion after today's meeting
- Deadline of response is July 8th trying to finish by next meeting
- Reviewer report on: <https://docs.google.com/document/d/1Qn2qWS1FaIUcDHACT1W5Zynmys3t7ERrPsY4ETh3mKw/edit?usp=sharing>
- Revision draft on: <https://www.overleaf.com/6459924224nbytdssdgkqy>