

Managed by Fermi Research Alliance, LLC for the U.S. Department of Energy Office of Science

# **Cold Mass Welding**

Antonios Vouris Cold Mass Status Meeting 01 Nov. 2017

## **Bug-O Equipment**

 2x Identical BUG-O Systems procured for simultaneous welding of both longitudinal welds.



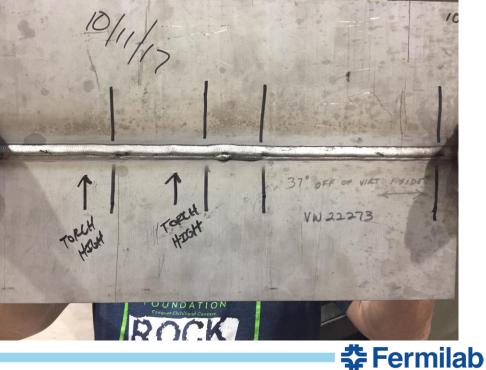


### WELD SAMPLES



Root Pass – sample plates tacked to base prior to welding

Sample w/ 3 passes complete. Work on optimization of speed & Min. Heat input



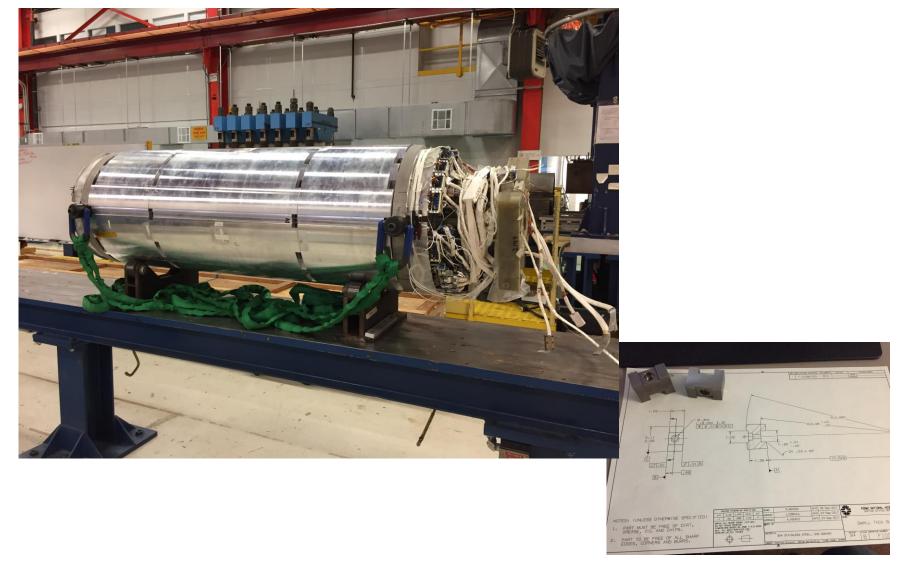
11/1/2017

### **Shells**





#### **Tack Blocks**





#### Weld rail fixture

