

LArFCS Cryogenic System Progress

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- ▶ **LArFCS PrM mounting structure installation test**
 - Gas sampling manifold construction in progress
 - Plumbing for the activation gas
 - Activation gas on order
 - Fixing the reactivation heater controllers
 - Two essential controllers not responsive in recent test
 - Gas analyzers turned on, will try with hot getter

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- ▶ **Our PrM test in vacuum with Our Xenon lamp**
 - PrM GAr testing and return
 - Delayed this week due to NoVA collaboration meeting
 - Arranging the shipment of PrM and parts from UCI by the end of next week
 - Talking to Wenjie and Jianming about feedthrus for HV/signal and Fiber availability
 - **A couple of quotes sent for parts/equip.**
 - Hamamatsu Xenon Lamp quoted, price~\$3200, lead time TBD
 - Laser seal feedthru quoted
 - Fiber quoted

6000 gallon LN2 re-commissioning

▸ 6000 gallon LN2 tank repairing

- CAD cryogenic technician redo the sealing and plumbing on the filling valves and output port
- Pressure tested, now can hold the pressure with no drop
- Advised to re-fastening the bolts if necessary when in cold
- Pressure relief devices quote received, confirming with the safety
 - Lead time is about 7 weeks due to the relief valve
 - We can try to start with the current relief devices
- Tank will be ready to fill as soon as the pressure relief modifications complete/or approval for using current relief

