



WA104 Cryogenics Agreements + LAr filter tests

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Rev. 1

Agreements



- **CERN-WA104** Work Package Agreement for the design, fabrication, delivery and commissioning of the Proximity and Internal Cryogenics and heat shields.
 - Written and circulated for comments.
- **CERN-Fermilab** Work Package Agreement for the design, fabrication, delivery and commissioning of the Proximity and External Cryogenics.
 - Written and waiting for internal comments before circulation.
 - Will be discussed during the meeting at CERN on Oct 13-16.

LAr Filter tests

- All parts have been ordered and are available with one exception.
- Only missing item is the Mass Flow Controller: there was a problem with the purchase, the buyer did not order it when the order was placed. It was reordered the past week, it should be delivered next week (not in stock).
- Fabrication is in progress:
 - the filter vessel is almost ready (few parts being machined).
 - It will then be filled with the filtration material and closed.
- Next is to assemble the piping, leak check it and do the regeneration.
- In the meantime the heater and temperature sensors will be pre-tested.
- Regeneration gas mix (98% Ar-2% N₂) is being ordered and should be available mid next week.
- Estimate to completion: 1-2 weeks (Few days for the mechanics + delivery of MFC + leak check).
- Regeneration should take 2-3 hrs, depending on the flow rate.



Thanks