

Cold Shield Assembly Meeting

Date: APR-12-2018

Attendees: Claudio Montanari, Angela Aparicio, Cat James, Kelly Hardin, Fernanda G. Garcia, Michele Furini, Vincent Togo

Status:

- Big panels are at FNAL and FNAL team is in the process of opening the box and move the pipes to the Minos building.
- Shipment from CERN of the small components arrived on Friday and is expected to be moved to Minos building today (apr-11-2018)
- Flex hoses still have not been delivered to Fermilab – they were supposed to be delivered on March 30
 - the supplier has been contacted and the new delivery date is now April 25th
 - Claudio will decide whether he will continue with this vendor or change supplier today.
 - Alternative supplier has been identified and the estimate to deliver for the same items is 2 weeks after receipt of the purchase order.
- Extrusions from Turkey – the hardware still in Baltimore – CERN is contacting DHL to understand what the new delivery schedule
 - if there is not delivery time set, Claudio is entertaining to send two trucks to the east coast to pick-up the panels.
 - By ground, the expectation is to have the material at Fermilab sometime next week.

Activities this week:

- As soon material is available at Minos building we can start welding on the side panels
- Assembly of the vertical panels goes first (long ones)
 - South wall and bottom panels assembly will start later as they require the flex hoses to be added
- Specification of the rigging – lost internal space inside the warm vessel
 - North side region must maintain at least 0.5-meter clearance to allow future installation
 - With this hard constraint, the space available at the opposite side the space is too narrow
 - Wiser approach is to have the south wall installed, survey the position of the cold shield walls and have the final dimensions measured
 - Glass fiber adds 25 mm of the internal volume of the warm vessel which occupies space once dedicated for the cold shield
 - Spec that is physically possible for the rigging company – the main goal is to have a final verification of the real conditions rather than rely on the 3D model
- Frederic will arrive this Sunday (APR-15) and start working on the CSA next Monday