

Minutes/Notes

ICARUS Technical Meeting

1 June 2020

Prepared by Bruce Howard

Participants (Zoom usernames as necessary): BH, Claudio M, Alberto B, Bob W, Carrie M, Christopher H, Daniele G, Donatella T, Franco S, Gian Luca R, Gianluca P, Guang M, Vittorio P, Howard B, Minerba B, Omar M, skipman, Tyler B, Umut K, William B, Yun-Tse T, Chiara, *and possibly more*

Claudio reports work on recondenser is moving forward. Additional measurements and attempts to understand why it doesn't work like the others. Possible something is causing it to lock.

- > No significant news
- > Internal pressure has stabilized
 - > Removes urgency to get the recondenser working

Claudio reports that the ground short search has been going on, Donatella is connected to this meeting.

- > Number of shorts have been found: removed or in process of being removed
- > Donatella reports they are in process of insulating cable trays with plastic today
 - > They will do one tray as two people and extrapolate to the full set
- > This may resolve the short but may not, in which case move to the DC search
 - > But this will require powering things down
 - > Claudio clarifies mini-crates for example and things powered from detector power would need to power down.

Claudio says work on powering on the photo-tubes is planned for Thursday and Friday, and work ongoing this week with the ground short search will be followed

Carrie says during the 9am AD meeting, FESS announced the sump pump had gone into alarm several times over the weekend.

- > Has to do with water being removed from building properly and instead it being forced back in
- > She reported that FESS may be seen around the building working on things. They are trying to work on it from outside, but they may need access to pit.
- > Bob: is there water in pit? Carrie says that as far as she's aware water hasn't gone outside the sump pump, but the water brings back in debris that may need to be cleared

This Wed. we will have some report from Gian Luca about work that will go on with the PMTs

Tyler: are there plans for noise updates in the near future? Has some CRT noise things he'll want to say in near future.

- > Claudio will add Tyler to the agenda for Wednesday