Technical Board 25.JAN.17

Present:

Readytalk participation

Excused:

Meeting took place at CERN during collaboration week with large attendance.

Reviewed and approved minutes from the January 11th, 2007 meeting.

Reviewed the responses to questions raised by the reviewers and others regarding the previous meetings topic: Stainless Steel versus Aluminum for the ProtoDUNE Field Cage Electrodes (these are contained within the previous meeting minutes).

No further follow-up on the answers was requested. No additional questions were raised.

Moved to approve the recommendation for using coated Aluminum profiles for the ProtoDUNE Field Cage Electrodes. No objections and therefore approved.

Gina Rameika gave a detailed presentation focusing on what she has learned about the current versions of the cold Front-End and ADC ASIC chips (see her presentation).

Although there are still some issues with the ADC chips, the cold electronics team has been able to identify a working mode of the chip that minimizes these issues and their potential impact on the physics that we hope to extract from the ProtoDUNE-SP detector.

Gina recommends that we proceed with the production order of the chips for ProtoDUNE-SP (P2 Front-end ASIC and P1 ADC ASIC) based on these studies and the fact that we need to move forward now to stay on track to collect beam data in 2018.

After further discussion, moved to approve moving forward with the ASIC chip production orders as soon as possible. No objections and therefore approved.