

Status and Plans

Eric James

Far Detector Technical Board Meeting

September 14, 2017

WBS

- First consortia deliverable for this week was the initial drafts of WBS substructures for each consortia
- Project team will take these inputs and work to assemble a “standardized” global WBS covering all detector systems
- Plan is to pass this back to the consortia leadership by the end of next week for further review and discussion

Next Technical Board Meeting

- At the next Technical Board meeting (9/28), the focus should be on finalizing the global WBS
 - Discussion of overlapping and missing scope
- Once the initial pass of global WBS scope is complete, consortia leadership need to begin the process of attaching “aspirational” institutional responsibilities to the individual WBS elements
 - First pass needs to be complete by October 12th meeting

Special Technical Board Meeting

- Proposing to hold a special Technical Board meeting on Friday, September 29th
- Focus will be on assessing potential requests for modifying the current layout of penetrations for the SP far detector
- Collaboration strategy will be discussed at this meeting and incorporated into cryostat/detector integration meeting at BNL the following week

Special Technical Board Meeting

- Proposed Agenda (September 29th) :

Start	End	Time	Presentation	Speaker
9:00 AM	9:05 AM	0:05	Introduction	Eric
9:05 AM	9:35 AM	0:30	Detector Support Feedthrus	Vic
9:35 AM	10:05 AM	0:30	Cabling Interface	Manhong
10:05 AM	10:35 AM	0:30	Instrumentation and Calibration	Sowjanja
10:35 AM	11:05 AM	0:30	Laser Calibration system	Kendall
11:05 AM	11:15 AM	0:10	High Voltage Supply	Francesco
11:15 AM	12:00 PM	0:45	Discussions	Eric

Consortia Activities in FY18/FY19

- Next important consortia deliverable is schedule of activities for 2018/2019.
- Need to understand what activities are needed to achieve Technical Design Reports in 2019
 - Note: These activities are not part of formal WBS that should be focused on construction activities in 2020 ->
- Project office will need to construct and report on a schedule for consortia activities in 2018/2019

Fall Meeting Schedule

- September 14th
 - First pass of consortia WBS substructure due
- September 28th
 - Discussion of missing/overlapping scope in global WBS
 - First pass of 2018/2019 schedule activities due
- October 12th
 - First pass of consortia mappings of institutional responsibilities for individual WBS elements due
- October 26th
 - Finalize WBS and mapping of institutional responsibilities to be presented to RRB

On the Horizon

- We are working with a few targeted members of the ProtoDUNE management team to assemble templates to be used for making cost estimates
- Consortia will need to become involved in putting together cost estimates for their subsystems within the next few months
- We have been told that cost estimates will need to have associated risk analyses – Consortia leadership should be prepared to participate in risk workshop on timescale of January