

Status & Plans

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Far Detector Technical Board Meeting

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Path to TDR

- Nine months remaining to produce TDRs by April 1, 2019
- Next big step is to have a full WBS including initial cost estimates (with hopefully a much more complete indication of assigned institutional responsibilities) by the next Resources Review Board (RRB) meeting on September 13-14

Initial Goal

- Initial goal was for each consortia to produce an initial cost estimate for their sub-system in spreadsheet format by the end of this month (status reports at this meeting)
- The plan is to go through a period of review and iteration with the goal of having finalized estimates by mid-to-late July
- Will work to arrange another round of phone calls with consortia leadership teams

Final Step

- Once the overall cost estimates for each sub-system are signed off on, the final step will be to transfer cost information into the lowest-level WBS items
- May require some further iteration of WBS structure to ensure reasonable granularity (no single item should have assigned costs greater than a few hundred thousand dollars)
- Note that consortia should continue to iterate on WBS format with Steve in preparation

End Game

- Would like to have a first pass of WBS with assigned costs by Thursday, July 26th.
- Allows for a couple of weeks of additional review/iteration prior to these being passed to NCG in mid-August

Requirements

- (From LBNC) The collaboration is advised that it should maintain a single, centralized, official set of requirements, whose content is owned by the EB.”
- Our goal is to produce a set of requirements that can be approved by the EB in late July prior to the next LBNC meeting (Aug 1-3)

Process

- Steve and I are working to put something together based on requirements information contained within the Technical Proposal (Interim Design Report) and the material provided by the consortia back in February
- We will need to iterate on this with the consortia leadership teams over the next few weeks (want to pass to EB in advance of proposed July 26th meeting)

Food for Thought

- We need to present a plan for future ProtoDUNE operation (beyond this year) to CERN SPSC at its upcoming October meeting
- It has been suggested that we might want to conduct integration testing of Module 0 (first production) components in the ProtoDUNE cryostats in 2020-2021
- How would this fit into consortia plans?