

Calibration SP TDR Status

Calibration Consortium Meeting
March 29, 2019

Current Status

- Sowjanya, Jose and Kendall – Calibration TDR editors
- First TDR milestone achieved – first full SP draft submitted to main editors on March 18!
- See a draft of the PDF (**as of March 29**) here: <https://drive.google.com/file/d/1I4hIYDGjQHOUR2wGBZmBN4JIX4NsJhX4/view?usp=sharing>
- Thanks to all the section authors (J. Klein, J. Wang, J. Riechenbacher, J. Maricic, R. Svoboda etc.)
- We received comments from 1. main editors on content; and 2. Anne and Nora on language, format and technical details

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Let's take a look quickly

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Major comments from Main Editors

- “Add a section 0 preamble (specifically with LBNC in mind) to list what they should focus on, what we are working on and goals of the TDR”
- We have used baseline vs alternative designs, one comment was to “more sharply separate those (especially with the radioactive sources)” — move all alternatives to appendices.
- “summarize the main physics impacts of the calibration system again in the introduction, even with you referring to the Physics TDR chapter. The SP reviewers may not read the Physics volume chapter.”

Other comments

- Laser: “Explain the analysis method with laser; Expand more on Kerr effects; show some pictures to illustrate alignment issues; mention cosmic ray flux where relevant;”
- Neutron System: “show xsec vs E plot to show anti-resonance; make the physics case more compelling;”
- New table format for risk table;
- “Confirm DAQ readout schemes and estimates with the DAQ group”
- More details to be included under installation — “talk to appropriate people and confirm plans”
- Plus many other minor comments on language, format, small technical details — Anne/Nora has many comments as well

All these comments are being addressed

How to send comments?

- There are two ways you can send comments:
 - Directly comment on the PDF draft here using the google doc “comment” tool: <https://drive.google.com/file/d/1I4hIYDGjQHOUR2wGBZmBN4JIX4NsJhX4/view?usp=sharing>
 - Or, append your comments in to a google document here: <https://docs.google.com/document/d/11yrMK8O6w3LiigToemJNkjoq8gla7pp4rd-GrJj2ukc/edit?usp=sharing>
- Please DO NOT send comments via email to the TDR editors, only send them using either of the above methods
- **Comments should be received by April 10, CoB; But, if you have any major comments, try to send them ASAP so we have time to discuss/ implement**

Next TDR deadlines

- **SP Deadlines:**

- 1st draft: March 18 (extended)
- 2nd draft: April 15
- 3rd draft: is there one? Or directly collaboration review?
- Collaboration review: May 3

- **DP Deadlines:**

- 1st draft: May 10
- 2nd draft: June 7
- 3rd draft: June 28