

# FD1 Planning Updates

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FD1 Technical Board Meeting  
February 15, 2023

# Updated FD1 Design Report

- Finished updated Executive Summary last week and submitted to LBNC
- Expected to be focus of March 22-23 LBNC meeting
- APA, HV, TPC-ELEC, DAQ, and PD (close) chapters are in nearly complete draft form
- CI, Installation, and PM chapters require more work
- May attempt partial submission to LBNC in March based on what's ready by end of month

# MOU/Neutrino Scope Group

- Fermilab management is in the process of attempting to re-brand Neutrino Cost Group (NCG) as Neutrino Scope Group (NSG)
- Charge is currently a work in progress, but focus would likely be on reviewing interfaces to ensure no scope gaps
- It's possible that there will be a NSG meeting in March with as a yet-to-be-defined agenda
- For the moment, we should focus on cleaning up interface documents and approving them

# Interface Documents

- Technical Coordinators have attempted to define a process for signing-off on interface documents
- First step is engineering check by members of the TC support teams
- Second step is consortia leadership team sign-off through the EDMS document approval process
- Currently, we are exercising this process for the DAQ-TPCELEC/BDE and DAQ/COMP interface documents
- Will need to step through all existing documents

# Design Reviews

- Completed
  - TPC Electronics FDR: September 29, 2022.
    - Final committee report received.
  - High-Voltage FDR: October 12, 2022
    - Final committee report received.
  - Photon Detector SiPM PRR: November 29, 2022
    - Final committee report received.
  - Photon Detector Rails & Cables PRR: October 4, 2022
    - Final committee report received.

# Design Reviews

- In progress or scheduled
  - Cryogenic Instrumentation FDR: January 18, 2023
    - Committee report expected shortly
  - DAQ FDR: February 22-23, 2023
    - Documentation posted (on target).
  - Photon Detection FDR: March 14-15, 2023
    - Committee in place.
  - Installation FDR: April 10-11, 2023
    - Consortia participation required

# EDMS Links

- One-stop location for review documentation
  - <https://edms.cern.ch/project/CERN-0000233999>
- FD1 Technical Board Minutes (up-to-date)
  - <https://edms.cern.ch/project/CERN-0000219863>