

FD1 Planning Updates

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FD1 Technical Board Meeting
March 15, 2023

Updated FD1 Design Report

- Executive Summary was submitted to LBNC last month and expected to be discussed at March 23-24 LBNC meeting
- Targeting end of April for submission of full document (editing work will resume following re-submission of FD2 TDR)

LBNC Meeting

- Shortened LBNC meeting on March 23-24
- FD1 parallel session on Thursday, March 23 from 1:30-3:30pm Chicago-time
- Presentations requested from APA and DAQ consortia

Design Reviews

- Last four FD1 Final Design Reviews
 - Cryogenic Instrumentation FDR: January 18, 2023
 - Committee report expected shortly
 - DAQ FDR: February 22-23, 2023
 - Committee report expected shortly.
 - Photon Detection FDR: March 14-15, 2023
 - In progress this week.
 - 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>

APA Testing at CERN

- First two production APAs from Daresbury will be shipped to CERN for testing in NP04 Cold Box (targeted pack/ship dates are April 13-14)
- NP04 TCO closure now targeted for mid-June
 - At a minimum need to complete testing of first APA and have the second APA installed inside Cold Box prior to beginning this work

Cold Box Testing Schedule

- Draft schedule for cold box tests under construction
 - [Link](#)
- Need to confirm the availability of required personnel for each stage in the process
- Note that working at heights and lift training opportunities are available at CERN in late April and Early May
 - Working at Heights – April 28
 - Lift training (refresher) – May 2
 - Lift training (full course) – May 3 and 4