

Preparation for Directors Review April 2020

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FS Installation/Integration Planning

2-4 February 2020









2020 - a year of reviews

- February Review of progress on October 2019
 IPR recommendations
- April Directors Review
- July DOE IPR
- October CD2/3 Review

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Cold Electronics ASIC/FEMB Review at CERN (February 5-7)
     Proton beam transport optics FDR at FNAL (February 24)

 Far Site I&I Review at FNAL (February 27)

   LBNC Meeting at FNAL (March 4-6)
                                                                 Confirmed Reviews
    Cold Electronics Systems Review at BNL (March 10-11)
   APA Shipping Box Review at Liverpool (~April 24)
                                                                 Tentative (estimated)
   Cryogenics PDR KLOE/MPD at FNAL (April)
                                                                 Review
   Cryogenics PDR LAr-ND at FNAL (April)
                                                                 External events
   LBNF/DUNE Director's Review at FNAL (April 28 - May 1)
   DSS Review at CERN (May 11-12)
  HV System Review at CERN (May 13-14)
  PD System Review at FNAL (May 27-28)
  APA Final Design Review (June/July)
                                                         What are we missing? What
 DOE IPR at FNAL (July 14-17)
                                                         else do we need to fit in?
  LBNC Meeting at FNAL (July 15-17)
                                                        Do we need to change any
 Post AUP facility needs review (August 2020)
                                                        of these proposed dates?
 Calibration Design Review (September 2020?)
 Cryogenic Instrumentation Design Review (September 2020?)
APA PRR (~October 2020)
HV FDR (December 2020)
CE FDR (February 2021)
PD FDR (Feb 2021)
DAQ preliminary Design Review (April 2021)
Cryostat Readiness Review (April 2021)

 DAQ FDR (April 2022)

 Reviews
                  https://edms.cern.ch/document/2303959
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FS Integration Review 27/28 February: Scope, Cost, Schedule, Risk

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	Week End	ing					720	
Activities			26-Jan-20	2-Feb-20	9-Feb-20	16-Feb-20	23-Feb-20	1-Mar-20
Review								
Make adjustments for Feb Review & Drilldowns								
Make Revisions to Risks								
Installation schedule summit (2/12)						*		
Create Presentations (2/14)						*		
Freeze Schedule (2/14)						*		
Update BOEs								
Generate Reports							\Rightarrow	
Update Presentations with P6 \$ data							*	
Post Presentations & Documents for Review (2/20)*	k						*	
Practice Talks							\Rightarrow	
Feb 27 Review								*
Documents*								
FSI scope document	Nessi							
Installation Plan	Stewart							
Logistics Plan	Jakubec							

Directors Review a Key Step for Baseline

- Challenges
- What's left to do?
 - Improving activities in Integration schedule
 - Ensure proper planning of resources
 - Capture milestones between Integration & Detector/Cryo/CF, including resolving activities that occur at AUP
 - Documenting the strategy for entire Integration scope

