

Minutes of the 7th Meeting of the SBN Oversight Board (Fermilab, December 13, 2019)

SBN-OB Attendees:

- A. Ereditato (Switzerland; remote)
- C. Rubbia (ICARUS Spokesperson; remote)
- M. Shaevitz (US NSF, remote)
- A. Guglielmi (ICARUS)
- D. Schmitz (SBND Co-spokesperson)
- R. Wilson (US DOE)

Other Attendees:

- P. Wilson (SBN Program Head),
- E. Johnson (Secretariat)
- D. Salmieri (ICARUS Scientific Secretary; remote)
- D. Gibin (Universita di Padova and INFN Sezione di Padova)
- T. Kobilarcik (FNAL/AD/EBD)

Not in Attendance:

- S. Bertolucci (INFN, Italy)
- S. Brice (Chair)
- O. Palamara (SBND Co-spokesperson)
- J. Evans (UK)
- M. Nessi (CERN)

Action Items

1. No Action Items

Introduction and Review of Last Meeting

P. Wilson, SBN Program Head, welcomed the members and participants to the Seventh Meeting of the SBN Oversight Board, there were no action items from the 13 September 2019 meeting.

SBN Project Update, P. Wilson

P. Wilson, SBN Program Deputy Coordinator, provided an SBN project update.

Slides were presented that covered updates on Far Detector cryogenics, commissioning, TPC, PMT and DAQ. In the final stages to start LAr fill, TPC readout commissioning is in place, PMT and DAQ are very close to completion. Control room for the SBN-FD is setup in ROC West and software connections are in place. SBN Director's Review scheduled for February 25-26, 2020,

focus will be on completing the SBND installation and transition of SBND to operations. ICARUS Operation Readiness Review has been pushed back, possibly early summer of 2020.

Joint Working Groups, D. Gibin

D. Gibin, INFN, provided an update on the SBN Joint Working Groups.

Slides were presented that covered updates on the SBN Working Groups' status, activities, milestones and timelines, 50 participants attended the SBN Analysis Workshop held at Fermilab September 16-20 to discuss reconstructed quantities, sensitivity reach and detector-related systematics. Since the last workshop, subgroups on oscillation sensitivities, detector systematics and event selection are working in parallel. Plots are in preparation for the upcoming PAC and will be distributed to the collaborations by early January.

Update on SBN Institutional Board, K. McFarland

Kevin was on shift and unable to attend.

Beam Delivery to the SBN Program, T. Kobilarcik

T. Kobilarcik, provided information on BNB.

Slides were presented that showed delivery of neutrino beam to the SBN Program, projection of beam delivery thru 2025 were shown. Delivery of promised integrated beam for the SBN Program should be completed well before 2025.

The SBN-OB meeting was adjourned.

Next meeting 3 months from now March 13, 2020