

SBN BOARD REPORT

September 8, 2023
SBN Oversight Board meeting

Ornella Palamara, Carlo Rubbia, David Schmitz

SBN Board Meetings

Meetings continue to be held as needed.

- Members from SBND and ICARUS for SBN IB committees have been identified.
- At a meeting in June, Daniele Gibin and Georgia Karagiorgi presented an update of the SBN Analysis Group activities and a proposed plan for a first SBND/ICARUS combined analysis.
 - The plan was to meet again after the SBN Analysis workshop (held in July) to discuss and develop a more refined strategy.
- Recent meetings focused on FY24 accelerator running plan.

FY24 Fermilab Accelerator Running

SBND and ICARUS spokespersons were contacted by Kevin Burkett (Associate Lab Director for Particle Physics Directorate) on August 15th for a meeting with him, Bonnie Fleming (Deputy Director for Research), and Jen Raaf (Head of Neutrino Division) to be held the following day, August 16th. The topic of the meeting was “FY24 beam”.

Only two people were able to attend, and another meeting took place on August 31.

Bonnie Fleming presented on FNAL’s behalf. There are three issues that could result in a reduction of the BNB and NuMI beam time in FY24 (down from the usual 40 weeks run):

- Lab Research budget (including operations) cut.
- LINAC maintenance - to be provided by a UK company→the soonest that the beam may start is Nov. 1st, 2023.
- Need to address new safety documentation requirements to run the accelerator complex.

Bonnie Fleming indicated that the situation was evolving and she would be able to provide more detailed information at another meeting in two weeks (so next week).

FY24 Fermilab Accelerator Running - Next steps

The lab has requested input from SBN on the impact of less beam in FY24.

As SBN Board, we have agreed that a unified response from the SBN Program is preferred.

We have discussed two actions:

- Writing a short statement detailing the SBN beam needs and run plan for FY24.
- Writing a more formal letter to FNAL management (Bonnie Fleming/Lia Merminga) about the seriousness of the issue for SBN science and the SBN community.