



FTBF/ITA Status

Proton PMG

7 January 2021

FTBF Status

- MTest

- Installed and ORCd four local CMS and ATLAS groups in December, resuming beam operations 12/18. Procedures went well with maximum distancing, beam operations have gone well
- Scheduling one day and one night user at a time.
- Current activities
 - T1670 and T992 (both CMS) running
- installing one new user group from Jlab (SoLID) for beam next week
- Remainder of January schedule is full and local, experienced users

- MCenter

- NOvA completed installation of additional shielding near JGG before winter break
- Tilting of the NOvA detector anticipated next week
- Working with Ops and AD to complete search and secure training and interlocks testing to be ready for beam next week.
- Once running NOvA will collect 24/7 data for remainder of beam year, shifting remotely.

ITA Status

- We appreciate the work carried out in AD, led by Jason St. John, to commission the MTA beamline over the last few months and the ongoing efforts of the linac group.
- T1791 (CMS) and T1797 (ATLAS) have installed the first user samples in the sample box at the ITA counting house and have approved ORCs.
- Samples will be moved into the experimental cave for irradiation on Monday, 1/11. Users will accept parasitic beam as linac continues tuning. Likely three week initial exposure.
- MTA is currently limited to one pulse per supercycle until the Time Line Generator is modified to accommodate more. This will cause irradiations to take significantly longer than planned (12 hour nominal exposure turns into 1-2 weeks).
- We will proceed with scheduling additional users and in coordination with CMS and ATLAS requests, factoring in the longer exposure times.