PD in Iceberg meeting June 24, 2019

Schedule and Plan for run 2:

ICEBERG SCHEDULE (from Shekhar Mishra)

ICEBERG RUN 2 Schedule

**Run 2A Goal:**

**Physics Goals:**

a) Study the noise performance of CE and PD;

b) Ensure that there is no further damage to CE FEMBs.

**Schedule:**

1. Remove the TPC from the cryostat 6/20/2019.

2. Replace FEMBs/Data Cable and return it to the cryostat on Friday 6/21/2019.

3. Start pulling vacuum on 6/21/2019

4. Start filling on 6/25/2019 May be delayed by 1 day

5. CE Data taking starts on 6/27/2019

6. Run for 2 weeks.

**Run 2B Goal: Fully commission ICEBERG** (We do not want to switch to SBND type of FEMB without this run)

**Physics Goals:**

a) Operate TPC to see tracks,

b) Study the noise performance of CE and PD;

c) Ensure that there is no further damage to CE FEMBs.

**Schedule:**

1. Inside Filter Fabrication will finish by 07/05/2019. (This has one week of contingency already build in, actual delivery is 6/28/2019).

2. It will require one week of work at PAB before it gets installed, including generation of the media.

3. Katherine will work with Trevor and others to have all the system ready for installation at PAB by 07/05/2019.

4. Ron will get all the items (Stand, Vent, He Gas etc.) ready for installation at PAB by 07/05/2019

5. Start warm up 7/8/2019.

6. Open to Ar gas on 7/12/2019.

7. Installation of Inside Filter 7/12/2019.

8. RUN-2B starts on 7/22/2019.

9. Run for 2 weeks.

**Preparation for SBND FEMB:**1. Test FEMBs from BNL in CTS (07/08/2019 – 08/02/2019)

**Plans for PD and lots of question marks**:

* Mitigation of the noise (see Rory’s contribution and discussion following it)
* Install the SSP and make it work (Aleena, Bishu, who else?)
* DAPHNE: what are the plans?
* It is a possibility that during run 2B the TPC starts seeing tracks. We will be able to match signals from the PD with the TPC tracks?
* Simulation of the PD in Iceberg (Laura and Franciole-any news?)
* Analysis group: do we have anyone on board? DAPHNE and SSP-different analysis groups?