

## BigBite Working Group Bi-Weekly Meeting Minutes

2.24.2021; Information updated 3.2.21

### Agenda:

- Introduction
- Plans – Installation/Software/Calibration/Coordination/Shift/Running

### Attendance:

1. Sebastian Seeds
2. Arun Tadepelli
3. Bogdan Wojtsekhowski
4. Eric Fuchey
5. Juan Carlos Carnejo
6. Provakar Datta
7. Scott Barcus
8. Will Tireman
9. Alex Camsonne

### Actual:

- Training
  - Cross training with COVID protocols – Planning forthcoming
- Communication
  - Slack
    - Channel: bigbite-shower
  - Wiki
    - Active
      - Working group meetings can host meeting minutes
- Resources
  - Personnel
    - Provakar: BB trigger
      - Implementation of second trigger complete
      - Analyzing tower data/looking at threshold values
      - Waiting for Alex to give variable power supply
        - DC 10 mV to 1 V
      - No cabling needed
      - Using model 706es discriminators
    - HCal
      - 2 discriminators in progress via Alex

- Need VME unit (including power supply)
    - Already in VME crate – ready to go
- Implement TDC
  - Alex Camsonne
    - Unit ADC to implement and discriminator
      - Requested by Bogdan to be done on Friday
      - Need to update firmware
- VME discriminators
  - Alex will inform Provakar when complete
- Remote monitor for thresholds
  - Arun to follow up with Alex
- Software
  - Will Tireman has calibration procedures – will link to wiki
  - Arun knows how to change HV individually
    - HV file to load several settings at once needs testing
    - Scott or Eric to show Provakar how to load HV settings into BB gui
- Move
  - BB Cables
    - Inventory
      - Current cables are labeled
    - Move plan
    - Jack Segal in charge of cable management
  - HCal Cables
    - Prepare test set? 600 total 100 m needed.
      - Some repairs will be needed to test old cables
      - Will need to test these for ECal in the future
      - Spares is ESB (several hundred 100 m BNC) – talk with Mark Jones
- fADC
  - BB
    - Returned to fastbus