

BigBite Working Group Bi-Weekly Meeting Minutes

2.24.2021

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-gem
 - 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