

Time Line BB Trigger detector preparation

Shower Preshower and BB scintillator are key parts of this detector package for the BigBite

1. Repair of the Preshower:

2007

- Safe removal and disassembling of preshower, move from Test Lab to EEL/122 (2-3 weeks) (03/21-04/10)
- Study PMT performance (3 week) (04/16-05/05)
- Annealing all preshower Lead Glass (~2 month) (04/10-06/15)
- Gluing PMTs, housing and wrapping (~1 month) (08/15 -09/15)
- Test preshower modules in the EEL/122 (2 week) (08 /25-09/20)
- Reassembling, testing preshower in Test Lab (1 month) (10/01-11/01)
- Install extra 3/4" honeycomb (2 week) (05/20-06/05)

2. Repair of the Shower:

- Safe removal shower modules from Test Lab to EEL/122 (4-5 weeks) (05/15-06/20)
- Repair bad modules (~1 week) (06/21- 06/30)
- Reassembling and testing shower in Test Lab (1 month) (07/10-08/15)

3. Prepare front end electronics (3 week) (08/15-09/10)

4. Connection HV cables and signal from detectors to front end electronics (4 week) (09/11-10/10)

5. Test all signals from PMT to front end PP (2 week) (10/01-10/15)

6. Manpower involved in this project

YerPhI

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2. Samvel Mayilyan 3 month

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