

TOF Report, 14 Feb 2004



- Bad news: Lab-EPSCoR State Partnership Proposal unsuccessful. No present prospect for extending wall to 5.0 m width.
- Good news: T00 as well as T01 now making pulses after HV connected. (Thanks Andre & Pierrick.)
- Good news: 2+ mechanisms exist for controlling TOF HV.
- Bad news: Some of these mechanisms are not robust vis-a-vis unsophisticated, super-sophisticated, and careless experimenters applying excessive voltage (<-900 V) to the PMTs. $>$ \$100K at risk.
- Good news: All TOF PMTs now connected to LeCroy 1440.
- Bad news: 8 of 10 1440 TOF HV modules must be replaced (shame on PREP).
- Bad news: TOF 1410 not yet tested with ROSIE energized.
- Bad news: Need to correct wrong polarity of ADC signal on $\sim 1/2$ of channels at the patch panels (2-3 hrs).

- Bad news: Trigger delay appears to be considerably longer than Ron had estimated (50-100 ns). Affects TOF resolution and nothing else.
- Good news: We will attempt to build a faster “multiplicity trigger” using TOF wall. Every little bit helps.
- Bad: Many commissioning tasks left that require *beam* to accomplish.
- Good: Beam soon?
- Good news: Except for ultimate performance and financing, all known TOF problems are “little ones.”

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