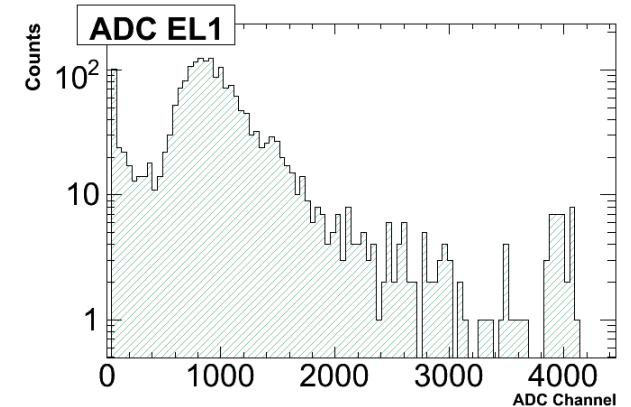
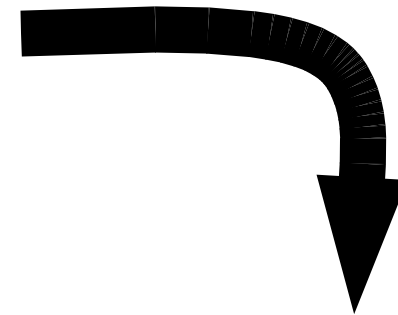
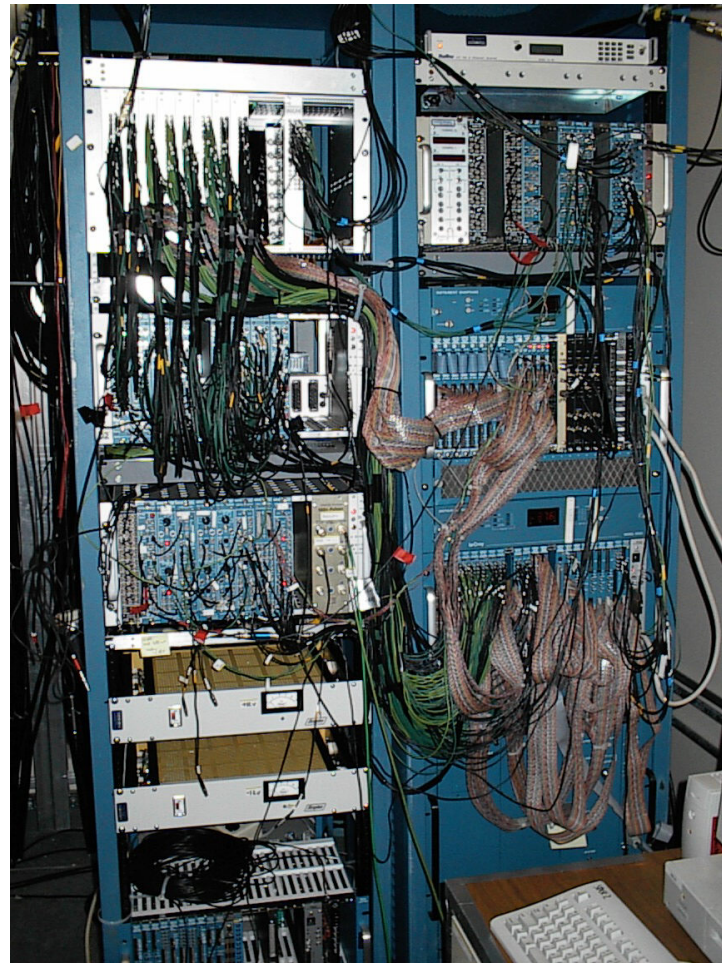
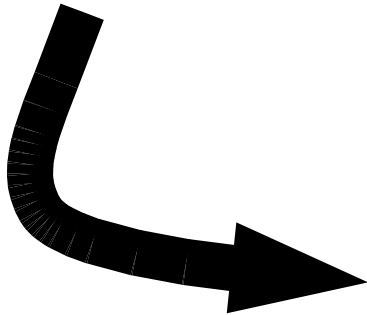
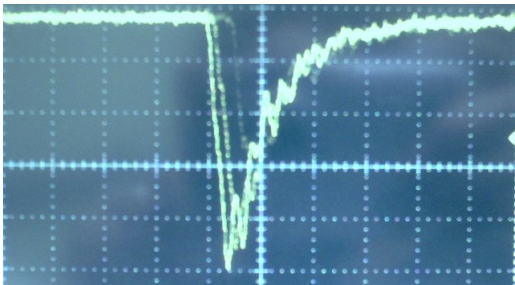


BigBite Hadron Package Electronics



Bryan Moffit
Big Family Readiness Review



Hadron Package Electronics

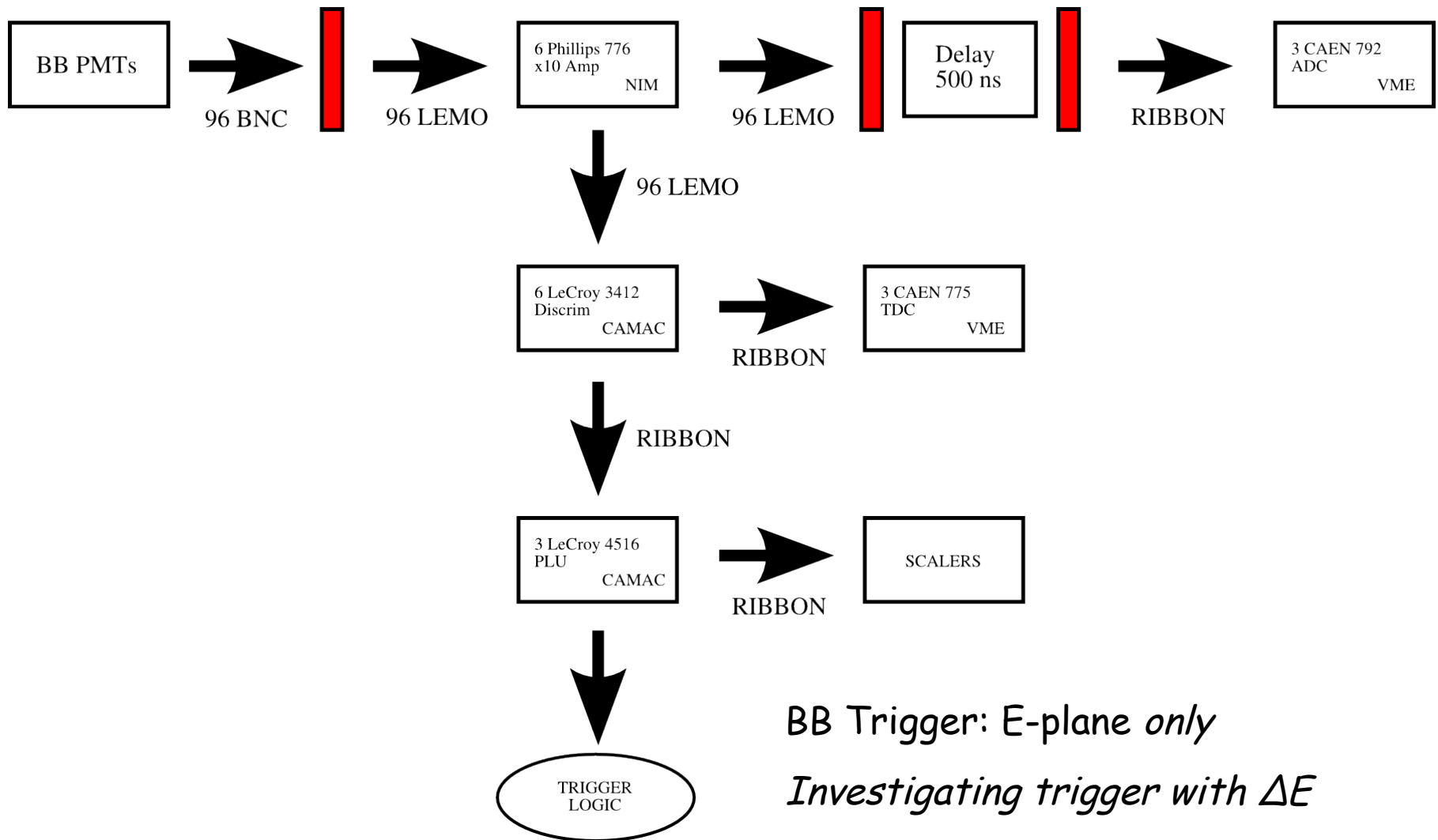
- Digitized analog and timing information from:
 - ΔE & E Scintillator Planes (96 PMTs)
 - Readout by VME (CAEN v775, v792)
- Digitized timing information from:
 - 2 MWDCs (>2600 wires)
 - Readout by VME (CAEN v767)
(Fastbus as backup)

Trigger: Coincidence between E plane and HRS-L.

* Same setup used for E04-007 and E05-102 *



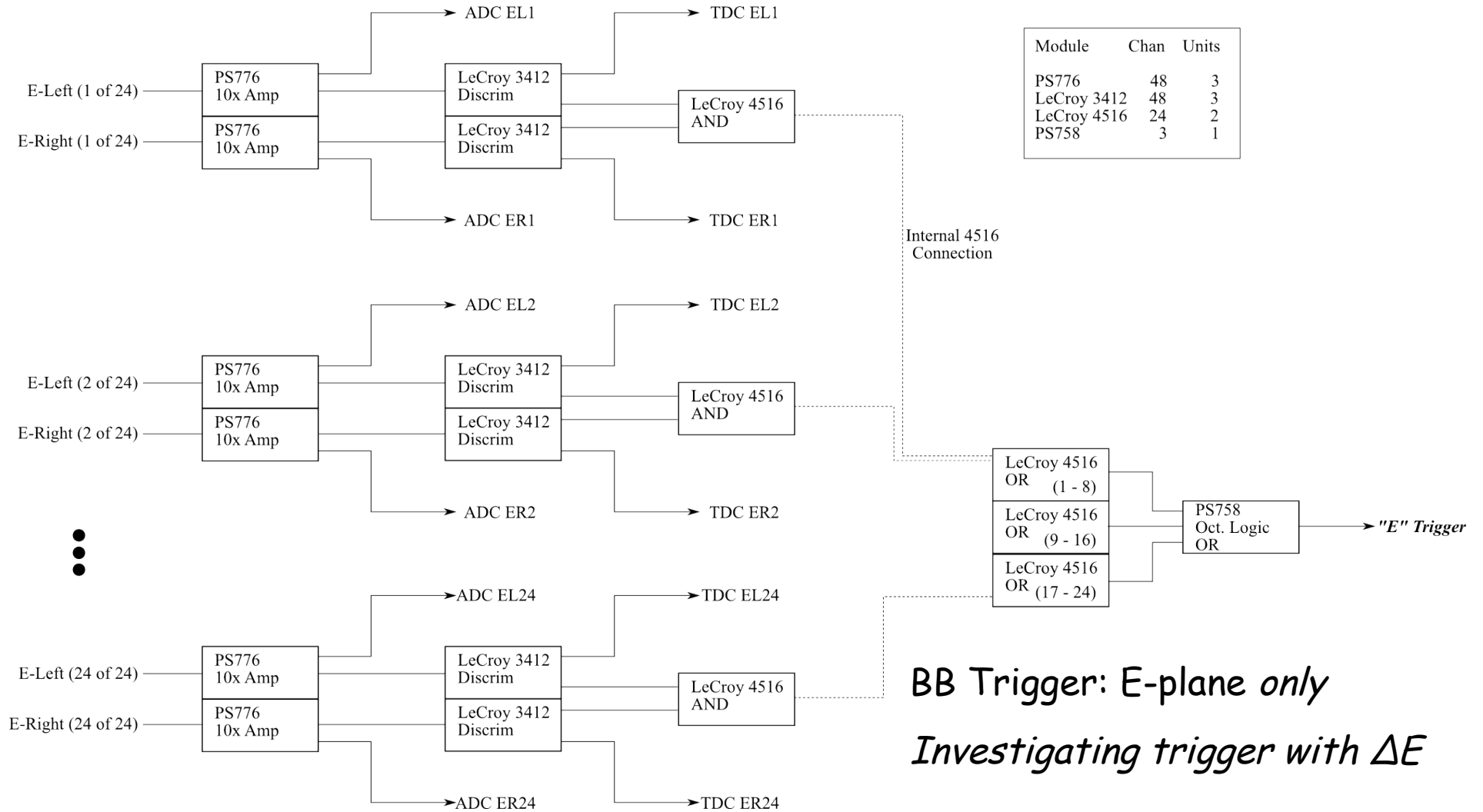
PMT Signal Flow



BB Trigger: E-plane only
Investigating trigger with ΔE



Hadron Package Trigger



Milestones

<u>Task</u>	<u>Comment</u>	<u>Deadline</u>
Finalize block diagram for DAQ setup (compatible with Electron Package setup)	In-Progress	03/30/07
Test ΔE & E scintillator PMTs	1-2 weeks	05/15/07
<i>In TestLab:</i> Assemble Trigger, cable all detectors, test with cosmics	2 weeks	09/14/07

