Hall C Gen Meeting Oct 29, 1997 – from B. Zihlmann

I Donal Day

- i Showed results for neutron detector optimization as a function of detector efficiency. Four layers with 18 detectors per layer plus one layer with eight detectors looks good at the nominal efficiency of 11 percent per layer.

II Tom Eden

- i Tom is working on walk correction and will present results next week.

III Benni Zihlmann

- i All the fiber assemblies are complete.
- ii Still no laser,but analyser is ready for pulser events.

IV Ken McFarlan

- i Showed results of timing test of the electronic delay modules. Two pulses separated by less than 100 ns result in a time shift of up to 2ns. The cost would be 250 dollars per channel. This issue is important if high rates are expected. Questions about the delay modules proposed by Steinacher at Basel arose. How do these all silicon delay lines realy work, shift register?. What would be the delivery time? A request for a video conference with Steinacher is asked for next thurdsay. The cost estimated by Steinacher is 100 dollars per channel.

V Heinz Anklin

- i Showed results of field map spline in Geant. He is now confident that the map shows the correct behavior.

VI **Summary of action items from previous meeting**

- i Be0 as an alternative ? Target Length variation for nominal raster in Hockey Puck design. D.B.D. and R. H.
- ii Alignment measurement J.H.M. Alignment tolerance D.B.D.
- iii New bench for EEL 125 J.H.M. New detector inventory M.K. and T.E.
- iv Better information on minimum scattering angle J.H.M.
- v Check Brindza's design list J.H.M., D.B.D., D.C.