MVD DAQ status since the last meeting. 18/01/00 CY

The run control software has been completely rewritten (simpler+more reliable)

- now in final form including GTT, etc.

Java (A.Ivanov) and Root/C++ (M.Hayes) viewing tools for histograms, statistics, events and RC being written.

- Expect histogram viewing mid-Feb.
- Event and RC graphical display later.

Slow control Easy-PLC interlock system now fully working without problems

- Needs to be installed within the existing SC software.
- SC software needs interfacing to RC.
- Thereafter other SC systems can be integrated on arrival.
- CAN adapter problems for new LynxOS version - no driver (use PC?).

Rack Platform constructins plans finished and at the builders

- Expect structure by end Feb.
- Water, safety and power systemes to be installed in March.
- Blue electronics (4) removed from computer room for installation on platform at the end of March.
- Some open questions w.r.t. to cooling rack.

Rack space for the proposed HV system has been allocated and almost no free space now exists within the racks. http://suno1c.desy.de/MVD/interlock.ps

Need to get the following working again.

- Readout test system which has not been used since Nov.
- CTD-SLT 2TP connection, which is needed to look at the stereo data which should be available >22/1/00
- GSLT interface for CTD-SLT system using 2TPs. The PCI/TP prefered solution for interfacing the DAQ to TPs has been delayed by hardware delivery problems relating to the caddy board.

DDL definitions are still not ready - but should be available in a clean form by next week.

Expect C&C mid-Feb and ADC mid-March, note that all the ADC crates have arrived and one is being tested in the hall. Four will remain in the hall and one will be sent to Hall 1, at least provisionally.

The GTT meeting 23/11/99 was successful everybody attending thought the GTT was a great idea and the results (processing time per track and reconstructed parameters) were good, but it remains uncertain where the money will come from. We continue as is with the UCL/Oxford/Desy manpower. See ZEUS Note 99-74 for more details.