

Here are some bullets that I reported on the HKS collaboration meeting:

1. HKS collaboration had 3 day meetings from 9/11 - 9/13, two days on Engineering design and spectrometer magnets and one day on general issues on experiment.
2. JLAB engineers presented hall layout of E01-011 with all components except detectors,
design of target chamber, slit/collimater boxes for HKS and Enge, support structures, layout
of beam lines and BZ magnets, and Enge detector mounting frame.
Detailed discussion was
made to exchange parameters and requirements.
3. Tohoku group presented the status of HKS magnets. All magnets were built and powered.
Mapping of Q1 and Q2 will start late September. The mapper for D is under fabrication and
mapping is anticipated to start in November.
4. JLAB engineers' involvement to assist TOSCA calculation in order to interpret the unmapped
area was discussed. We anticipate Paul Brindza's visit to Sendai and Kobe in November.
5. Shipment plan was presented. We anticipate shipment of HKS magnets and detectors from
Japan in the time window from the end of December, 2002 to February of 2003.
6. Storage/staging space, necessary of assemble D magnet was discussed. We agreed that
having the D magnet assembled in Test Lab have many advantages in terms of storage space,
test, pre-fiducialization, field calibration/monitoring, and design/construction/test mount of HKS
DC mounting frames.
7. We discussed the design and construction status for all detectors. All of them will be built
and moved to Jlab by March of 2003. Banch test space is needed in EEL.
8. Manpower for the detector banch test was discussed.
9. We discussed issues concerning Tohoku group's personal station at Jlab and involvement as
necessary training to Hall C small experiment in 2003.
10. We discussed the need of JLAB fund support for the project and installation and time table.

Rachel Harris wrote:

- Please send main points of any Monday weekly Hall meeting presentation to Rachel to compile minutes of the meeting.
- General Hall C meeting will be January 9 + 10, the week before the next PAC.
- The Color Transparency Physical Review C manuscript (E94-139, Garrow et al) is accepted for publication.
- The Hall C request for scheduling in 2003 is to finish $F_{\pi}(II)$, to add E00-116 (6 days) and E00-108 (20-25 days). The latter are the only two experiments not requiring He targets and o.k. with 5.3 GeV (Hall A is finishing HAPPEX-He). From Mid-August to early October would be accelerator down and G0 re-installation, followed by the 2nd G0 engineering run and the G0 forward angle run. Of course, this is only the Hall C request, and susceptible to changes due to compatibility with Halls A and B.
- The main priorities for the Hall C FY'03 capital budget are the long lead items for HKS (scattering chamber, sieve systems, detector mounts, splitter mount), the new HMS dipole control system and electronics relocation, and funds for the Gep calorimeter construction and possible G0 cryosystems repairs.

Here is the essence of what I said at today's meeting:

- o A plan for altering the G0 quench protection to
1) deal with broken safety resistors and 2) sense
future broken resistors was approved at a meeting
this morning attended by Age Visser, Bill Vulcan
Steve Williamson and others.
- o The work to implement and test the new quench
protection system will be carried out by Steve
Williamson and Damon Spayde.
- o Ramp and quench testing of magnet should begin,
unless other problems are found, sometime at
the end of this week.
- o The borated polyethylene shielding which goes
on the downstream endcap of the magnet has arrived.
It will be test fit this week. Mounting this shielding
requires the detector to be retracted in Z from the
magnet. An alignment check may be advisable after
the detector is re-positioned. The collaboration
should confirm that this shielding should be left
in place after the test fit for the run.