

WBS 1.6 Software

1) Offline Chain

- a) The PXL RawHit and Hit data structures have been reviewed and the Pixel Hit structure is now an official part of STAR's data model. The only thing missing for having all subsystems in the data model is the Hit structure of IST. This needs some more refinement and then submission for approval.
- b) A plan/timeline to complete a working offline chain by the time the first data appears (beginning of April) has been formed.

2) Survey

- a) The analysis of the first pixel sector survey data has been completed. After appropriate formatting they will be moved to the database.

3) Geometry modeling

- a) The released Run-13 geometry has been tested with offline simulation chain and bugs were fixed. Minor geometry issues (e.g. details of beam pipe structure) are addressed.

4) Simulators

- a) Made the MC structures comply with the new pixel hit structures. Submitted for inclusion in the official MC data model.
- b) The design of the Pixel slow simulator is defined.

5) AOB

- a) A document with estimates of manpower detector support needs for the HFT was prepared to the STAR Computing team.
- b) A talk about the overall HFT software status was presented at the STAR Collaboration meeting.