Tracking Status

Code Updates for 4.5.0int7 - 4.6.0

- Geometry
  - Fixed bug which had swapped the dead distance from the edge to the last strip with that of the first strip for the 90-deg sides
  - May still be a flipping problem between sensors on a HalfLadder
  - Incompatible with older internal alignments
- Silicon data
  - New talktos to disable database access for L3: ChipStatus thresholds
- Kal updates
  - Move Kal geometry to SiliconGeometry package: Kal fit now properly initialized
  - KalFit interface now includes inner radius parameter
  - Fixed bug in path-length computation in KalKalmanFitter

- Small speed up for KalOI
- PVFinder now uses GSL math libraries. Fixes PVFinder memory overwrite bug
- Improved PVFinder algorithm - higher efficiency in data
- Tcl switches for PVFinder

- General Tracking
  - Place PadTrackMaker in Production and Tracking binaries
  - Only one track collection written in Production
  - DefTracks points at Pad Tracks if it exists
  - Post Tracking z PV Finder now committed
- Other
  - Fix bug in PdgData initialization

Tracking Status Cont.

Production, Farms and Releases

- Running 4.5.0 and 4.3.2 on farm
- 4.5.0int7 available
- 4.5.0 released - Stream J reprocessing finished
- 4.6.0 building - one problem