

# sPhenix Tracking Status

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- Preparing for Test data production
  - Fully reconstruct 5 example runs
    - golden label, selected for high live channel fraction in the TPC
  - Raw data merging jobs running, many finished
- Tracking items to finalize
  - 0th order 3D alignment of MVTX and INTT
  - Z-Alignment of TPOT
  - Phi sector rotations in TPC
  - Clock frequency corrections in TPC
  - Bunch crossing alignment between MVTX and INTT needs update
    - Process MVTX – INTT seeding in strobe bins
    - Needs verification/update of MVTX strobe window propagation through event headers in trigger frame assembly
  - TPC pad placement to be finalized/verified
- First alignment files being assembled right now
  - Rerun all z calibrations once Si alignment is public
  - Shrink commissioning matching windows to production values (MVTX to INTT and TPC to Silicon)