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Run13 commissioning status of the STAR HFT prototype JONATHAN BOUCHET, Kent State University, STAR COLLABORATION — The STAR experiment has installed a prototype of the Heavy Flavor Tracker (HFT) during RHIC run 13. The motivation of the HFT is to enhance STAR physics capability in measuring heavy quark production with the use of direct topological reconstruction of charmed hadrons. The Pixel detector, a sub-system of the HFT, was installed at 30% of its full coverage. It utilizes active pixel sensors technology allowing high precision measurements. Located near the interaction point, hits from the HFT are associated with the tracks reconstructed in the Time Projection Chamber (TPC) in order to improve the track pointing resolution (DCA) by about two orders of magnitude. In this talk we will discuss the results of the engineering run, focusing on offline software and initial results.

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