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Commissioning activities of the initial magnetic diagnostics for KSTAR tokamak¹ SANG GON LEE, JUN GYO BAK, EUN MIE KA, National Fusion Research Center — The initial magnetic diagnostics for the KSTAR superconducting tokamak including three Rogowski coils, five flux/voltage loops, and sixty-four magnetic field probes have been successfully installed. The Rogowski coils, flux/voltage loops, and magnetic field probes measure the total plasma current, poloidal flux and loop voltage, and local poloidal magnetic field for the plasma position control and equilibrium studies, respectively. Accurate position measurements after installation for all of these initial magnetic diagnostics and *in situ* calibration for the Rogowski coils were finished. Data acquisition systems for these initial magnetic diagnostics are currently under preparation. Detail commissioning activities before the first plasma from these initial magnetic diagnostics will be presented.

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