

Aero-Gravity Survey around Tango Peninsula, Northern Kinki District, Japan 1 - Outline of Survey and Data Correction -

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We carried out aero-gravity survey around the Tango Peninsula in the Northern Kinki district. We applied helicopter-mounted gravity measuring system (Segawa Model). The system consisted of gravity sensor, sensor control system, recording system and GPS. The gravity sensor was mounted on the gyro controlled platform to keep sensor level. The Bell 412 helicopter was used for the survey. The acceleration of the helicopter were corrected by GPS data. The absolute gravity value was determined by relative gravity measurement at several benchmarks around the base station. We obtained the Bouguer anomaly after the Bouguer and terrain corrections. We presented outline of the survey and corrected gravity data around the Tango Peninsula. The gravity anomaly mapping with aero-gravity data will be introduced at other presentation.