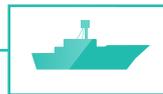


Mobile gravimeter Chekan-AM **SHELF** modification

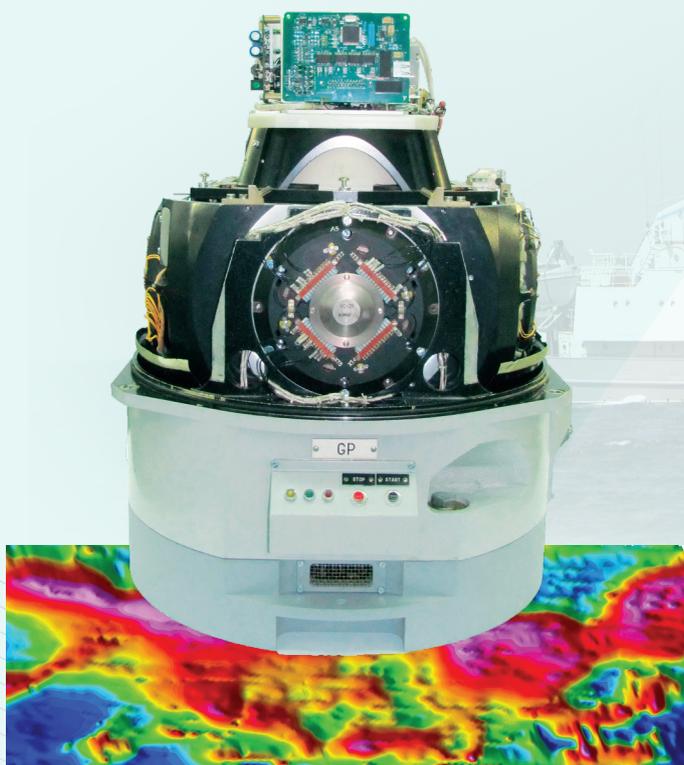


THE SYSTEM IS

an advanced series-produced mobile gravimeter Chekan-AM with improved accuracy and performance characteristics.

INTENDED

for high-precision gravity measurements for gas and oil fields investigation on shelf and regional aircraft survey.



SPECIFICATIONS

RMS error	0.4 mGal
Range of perturbing accelerations	500 Gal
Operating temperature	5 – 35°C
Power consumption	270 W
Interface	RS-232, WiFi
Overall dimensions	ø 390 × 646 mm
Weight	78 kg

SOFTWARE

is designed to comply with the Windows operating systems.

The real-time data acquisition program provides for reception and recording of readings from the gravity sensor, the gyro stabilization system, and navigation data from GPS receiver.

The software for postprocessing of gravity data provides both quality control of measurement results aboard vessels or aircraft and postprocessing of survey data.



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