VYMPEL
SHIPYARD JSC

19920E LARGE SURVEY BOAT

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PURPOSE

Nautical survey and mapping within the sea areas classified as R2-RSN by the Russian Maritime Register of Shipping.

CLASSIFICATION

KM ★ Ice2 [1] R2-RSN AUT3 (survey boat) of the Russian Maritime Register of Shipping.

Displacement, t	320
Length, m	36,44
Beam, m	7,8
Freeboard depth, m	3,6
Draft, m	2,1
Full speed, knots	11
Range at speed of 11 kts, miles	1000
Endurance, days	10
Crew/accommodations, persons	11 / 15

NAVIGATION EQUIPMENT

KM 145-M1 magnetic compass, PGM-C-009 gyrocompass, SAL R1a log, GDS-101 navigation echo sounder, Meteorological station PERISCOP, AIST-104.

MAIN POWER PLANT

The main power plant of the boat consists of two diesel geared units with the nominal output of 248 kW (337 hp), operating on fixed-pitch propellers.

AUXILIARY POWER PLANT

Two EM80DS-type diesel generators with the output of 80kW each.

SPECIAL SURVEY EQUIPMENT

- See Bat 7125 multi-beam echo sounder;
- Hall Unit antenna retractable mast;
- Applanix POSMV320E integrated navigation system;
- Mini SVP sound velocity profiler;
- SVP 70 sound velocity profiler;
- Inelt Monolith 3000 RT uninterruptible power supply unit;
- EA400 single beam echo sounder;
- Edge Tech 4125 towed side view sonar;
- Trimble set of navigation receivers.

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