

Hovercraft

PARDUS

Russia production



CENTRAL DESIGN BUREAU
NEPTUN

SAINT-PETERSBURG



ABOUT PARDUS

Hovercraft PARDUS is designed for Class P1.2 Russian River Register.

PARDUS has hydraulic drives of thrust propulsions and lift fans, that greatly improves the reliability of the craft, especially at low temperatures, in the North and Siberia.

Hydraulic transmission allows to create a spacious cabin where passengers and cargo could be accommodated in various configurations.

Two separately controlled variable pitch propellers in nozzles provide improved handling and maneuverability.

The air cushion skirt has simple scheme for operation and maintenance and does not require lifting of the craft for service.

The hull is completely made welded of corrosion-resistant aluminum alloys, providing waterproof loop and high strength, composite superstructure gives an attractive exterior, but also has excellent heat and sound insulation.

PARDUS is designed for round year operation at ambient temperature from -40°C to $+35^{\circ}\text{C}$ and maximum wind speed of 12 m/s during daylight hours.

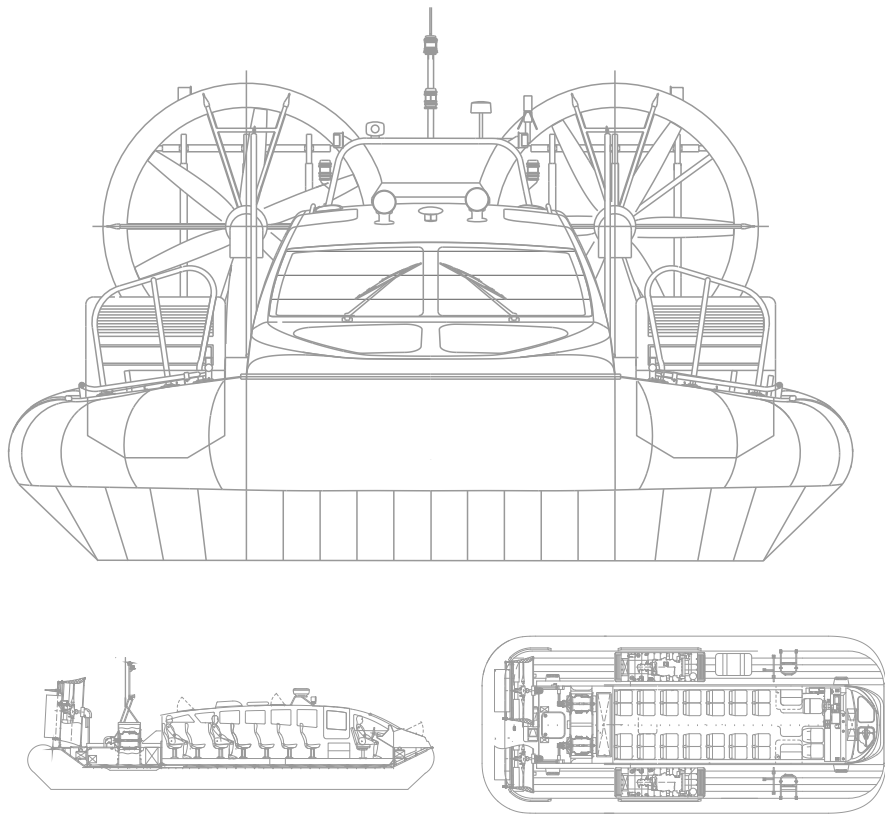
It is possible to operate PARDUS:

- on water surface;
- on shallow water, with access to smooth shore areas;
- on snow-covered water surface (on proven route);
- on solid ice;
- on ice and floating ice slush;
- on marshy surface and in reeds.

DESTINATION



TECHNICAL CHARACTERISTICS



Length overall, m	10,8
Length over the cabin, m	9,9
Width overall, m	5,7
Width over the cabin, m	4,9
Crew, pers.	1
Passenger capacity, pers. up to	15
Speed, max., km/h	65
Operating speed, km/h	45
Fuel capacity, l	350
Cabin dimensions, m	5,5 x 2,5 x 1,7
Full load displacement, t ab.	5
Powerplant FPT FiC, hp	2 x 197

INTERIOR





EXTERIOR

PARDUS

excellence in quality



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