

# MULTIPURPOSE SEARCH-AND-RESCUE BOAT PROJECT 12150M

Multipurpose search-and-rescue boat on the base of fast patrol boat project 12150 is intended to conduct search-and-rescue operations by regional divisions of the Ministry of Emergency Situations.

Boats of different designations for customs and police forces are being built on its platform.

The boat is capable of fulfilling the following main tasks:

- Act as a travel duty boat;
- Act as a flagship boat while conducting search-and-rescue operations;
- Search of vessels, boats and people in distress;
- Rescue operations on vessels and small boats in distress;
- Carrying out underwater inspection of hydrotechnical facilities and other underwater operations.

The boat is capable of conducting towing of similar displacement vessels in emergency situations as well as removing floating boom containments.

## MAIN POWER PLANT

Main power plant consists of two MAN main 12V-1550 diesels each driving its respective ASD-14 Arneson surface drive fixed-pitch propeller or KaMeWa water jet propulsor.

Total maximum power output 2280 kW (3100 h.p.).

## NAVIGATIONAL AIDS

The boat is equipped with a set of navigational and signal equipment in full accordance with a Classification Society requirements, as well as a transponder, GPS/GLONASS mapping.

## SPECIAL SEARCH-AND-RESCUE EQUIPMENT

Compressor; Folding pressure chamber; Tiny remote-controlled underwater vehicle; Towable sonar of lateral overview; Hydro acoustic telephone exchange; Set for underwater isothermal cutting; Diving equipment; Micl-400 Daytime and night vision camera.

Normal displacement, t	28,0
Overall length, m	19,45
Overall width, m	4,6
Draft at full displacement, m	1,14
Maximum speed, knots	up 50
Economic speed, knots	30
Range at maximum stocks, miles	410
Endurance, days	2
Crew, persons	3-6
Main power plant, kW (h.p.)	2 x 2280 (3100)
Electric power plant, kW	1 x 16

In emergency situations (when accepting 20 rescued seamen) the displacement will be about 31.0 t.

