



SVK-100 PROJECT 23210

SEA CARGO-PASSENGER AIR-CAVITY VESSEL

BASIC FUNCTIONS

Sea high-speed transportation and boarding / landing from / to unimproved shore of passengers, cargo and self-propelled and non self-propelled vehicles.

CLASSIFICATION

Russian Maritime Register of Shipping
KM [2] HSC Passenger - A

OPERATION REGION AND CONDITIONS

A1 and A2 coastal and marine areas along the sea shore (excluding winter operation).

Maximum distance from the port - up to 50 miles.

Distance between the ports - up to 100 miles.

Operational temperature: +5° ... +30°C.

Sea water temperature: from +5°C.

Air humidity: up to 80% at a temperature +30°C.

SEAKEEPING *Sea-going qualities in full displacement are following:*

35 knots of speed in seas up to 3 points on the scale ($h_{w3\%} \leq 1.25\text{m}$).

At full speed of 52 knots in seas up to 1 points on the scale ($h_{w3\%} \leq 0,25\text{ m}$).

PAYLOAD *The following transports can be transported in cargo section*

- Two buses of PAZ-3206 + three Jeeps of UAZ-3163-030
- One truck + one Jeep of UAZ-3163-030;
- Two passenger cars "Gezel" + two Jeeps of UAZ-3163-030 + one transport car "Gezel";
- Three 20-foot standard sea containers.



TECHNICAL SPECIFICATIONS

Length overall, m	46.95
Beam overall, m	8.54
Depth overall from baseline, m	14.8
Designed draft / Light draft, m	1.76 / 1.1
Full displacement / Light-ship displacement, t	272.0 / 142.0
Passengers	120
Payload, t	72.0
Crew	8
Full speed, knots	up to 52
Maximum range, miles (in full displacement and commercial speed)	up to 420
Cruising endurance (fresh water capacity and store of food), hours	16