



## **SVK-10 PROJECT 23220**

### **RIVER CARGO-PASSENGER AIR-CAVITY VESSEL**

#### **BASIC FUNCTIONS**

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

#### **CLASSIFICATION**

Russian River Register ✕ O-PR 2.0/0.5 AIR-CAVITY CRAFT A

#### **OPERATION REGION AND CONDITIONS**

Inland waterways and sea areas, intended for exploitation by vessels class "O-PR" in daylight time.

(excluding winter operation).

Maximum distance from the port - up to 50 km.

Distance between the ports - up to 100 km.

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

Sea water temperature: from +5°.

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

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

- At full speed of 60 km/hour in seas up to 1 points on the scale ( $h_{w3\%} \leq 0,5$  m).
- Loading and unloading operations of passengers and self-propelled machineries from equipped and unequipped shore in seas up to 3 points on the scale ( $h_{3\%} \leq 2,0$  m)
- 13 km/hour of speed in seas up to 4 points on the scale ( $h_{3\%} \leq 1,1$  m)

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

- Four cars
- One truck or one bus
- One 20-foot standard sea containers.



#### **TECHNICAL SPECIFICATIONS**

Length overall, m	32.5
Beam overall, m	6.5
Depth overall, m	12.27
Designed draft / Light draft, m	1.3 / 1.03
Full displacement / Light displacement, t	100.4 / 74.8
Passengers	60
Payload, t	9.0
Crew	5
Full speed, km/h	up to 60
Maximum range, km (in full displacement and endurance speed)	up to 620
Cruising endurance (fresh water capacity), hours	16