

# CRANE MARINE CONTRACTOR LLC

## SEVAN



## TECHNICAL CHARACTERISTICS

**Year and Place of build:**  
1946/Nawashino

**Year Rebuilt/Reclassification:**  
2008

**Flag:**  
Russia

**Port of registry:**  
Astrakhan

**Ship's type;**  
Non-propelled barge

**Classification society and class:**  
Russian Maritime Register of Shipping,  
KE\*R3 Pontoon

**Light displacement:**  
2300 t

**Length overall/Length BPP**  
124,2/123 m

**Breadth overall/Breadth moulded**  
28,34/27,2 m

**Depth moulded/sponsoons:**  
4,1/5,3 m

**Draught (summer):**  
2,80 m

**Cargo capacity:**  
5540 t

**Cargo deck:**  
90 m

**Power system:**  
«FRAMO» Hydraulic power unit  
Diesel power - 240 kW

Diesel-Generator «VOLVO-PENTA»  
Diesel power - 116 kW  
Generator power – 90 kW  
Fuel consumption: 22,6 kg/h  
Fuel tank capacity: 1 ton

**Anchor Appliance:**  
Hall's anchor 2250 kg, chain diameter 40mm  
Length 220 m – 2 pcs  
Windlass



ISO 9001  
BUREAU VERITAS  
Certification



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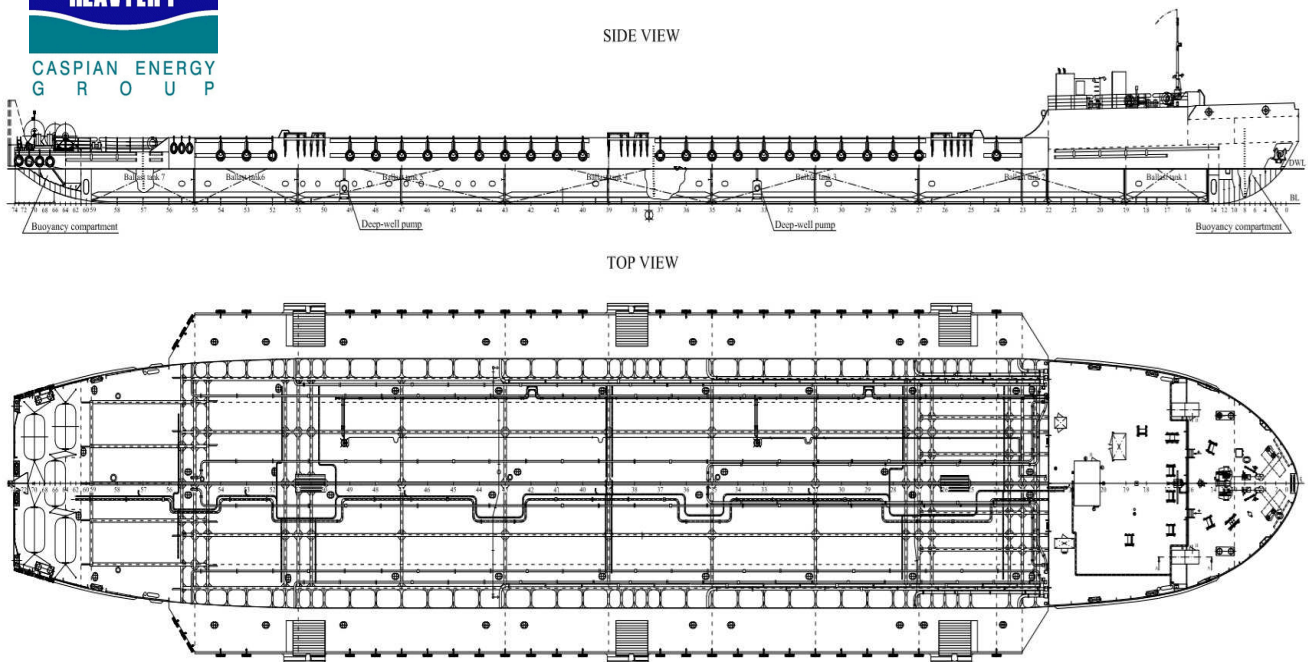
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### Ballast system of «Sevan»

Ballasting and deballasting is carried out via sea-chest, filters, etc. by two submerged type ballast hydraulic pumps (1000 m<sup>3</sup> per hour capacity, 0.25 MPa pressure). The pumps are located in the Ballast tanks 3 and 5. The flow rate of each pump can be adjusted from 0 to 1000 m<sup>3</sup> per hour. The pumps and sea-chests, etc. are controlled by remote hydraulic control panel and from the valve control panel in the control room. Ballasting/deballasting to the level of the actual waterline can be done by gravity flow.

The stripping of the ballast tanks is arranged by two portable electric pumps 50 m<sup>3</sup> per hour capacity each.

The ballasting system is to fill/remove ballast:

- to all the ballast tanks simultaneously;
- to any specific ballast tank;
- to any specific group of ballast tanks.

The ballast level in the ballast tanks can be measured both manually and remotely.



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