



Designed to fit
MULTIFUNCTIONAL VESSEL

SLV500
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Length **39.1 m**
Output **922,0 kw**
Ice class **Ice3**
Sewage water **140 t**
Oily water **500 t**



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OBLECTIVES: Gathering all types of waste (garbage, bilge, sewage, slop, etc.) independent collection of oil spills from sea surface, work with the buoyage system in the water area.

VESSEL CLASS: KM  R2 Ice3 AUT3 Bilge water removing ship
Oil recovery ship (>60 °C)

CLASSIFICATION SOCIETY: RMRS

PARTICULARS

Length overall, m	39,1
Breadth, m	9,8
Depth, m	4,6
Draught, m	3,77
Grt, t	499
Deadweight, t	680
Displacement, t	1230

PERFORMANCE

Total output, kw	922,0
Speed, kn	9,0
Radiocommunication equipment gmdss	A1+A2+A3
Working temperature	from -25 °C up to +35 °C
Working in oil products spill with flash point	Over 60 °C

ACCOMMODATIONS

Single cabin	2
Double cabin	1

DECK EQUIPMENT

Deck crane HEILA HR 120/20-2BJ SWL
4 t – 20 m, 10 t – 4 m

Cargo deck 60 m² with a load 5 t/m²

Max 6 20' containers can be placed on cargo deck, consisting of:

- Containers with oil spill response equipment
- Tank-containers for bulk oil
- Flat Rack/Platform Containers for placing of oil in barrels
- Flat Rack/Platform Containers with trashcan for garbage collection

CARGO TANKS CAPACITY

Total volume of 6 tanks, m³	638,8
Tanks №1 (P, S), m³	2 x 69,0
Tanks №2 (P, S), Tanks №3 (P, S), m³	4 x 125,2

STORES

Diesel oil, t	26,52
Fresh water, t	16
Me and dgs lube oil, t	0,8
Sewage, m³	140
Oily water, m³	500

PROPULSION MACHINERY

Main Engine	1 x CATERPILLAR C32 ASERT 922 kW at 1800 RPM
Propulsion system	AZIMUTH THRUSTER US 155 FP P12, ROLLS-ROYCE, Ø1600 mm
Auxiliary Generator	2 x CATERPILLAR C9 (150 kW)
Emergency harbour generator	2 x CATERPILLAR C 4.4 DINA (36 kW)

EQUIPMENT FOR SPECIAL PURPOSES SYSTEMS

Termal fluid system	Mission H3-TFO-004 Aalborg Industries BV
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