



SUBCOM OCEAN SURVEYOR

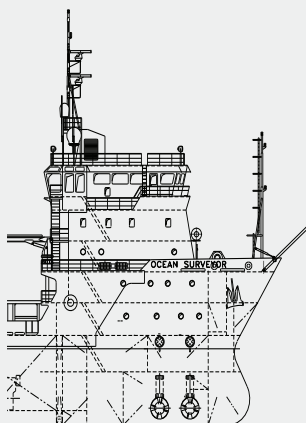
VESSEL SPECIFICATIONS

The SubCom Ocean Surveyor has been designed as multipurpose Hydrographic Survey and ROV support vessel. Built in 1999 it is ideally suited for a wide range of roles in the subsea oil and telecommunications industries.

To facilitate the ease of mobilizing and demobilizing of ROV systems, the forward areas of the cargo deck are clear of cargo piping, tank vents and access hatches, in order that a section of the crash barriers and bulwarks may be removed in a single section providing clear access to the ship's side. This, and the high freeboard provide a safe relatively dry and spacious working deck.

IMO Number: 9182215

Call Sign: V7A7465



General Specifications

• FLAG	Marshall Islands
• YEAR BUILT	1999 by Appledore, UK
• CLASS	DNV GL, + 100A1, Offshore Supply Vessel, IWS, + LMC, UMS, DP(AA)
• GROSS TONNAGE / NET TONNAGE	2,401 tons / 966 tons
• DEADWEIGHT SUMMER	3,248 tons
• LENGTH OA / LENGTH BP	73.80 m / 65.00 m (242.12 ft / 213.25 ft)
• BREADTH MLD	16.00 m (52.49 ft)
• DEPTH MLD	7.40 m (24.27 ft)
• ACCOMMODATIONS	40 personnel (crew and passengers)

Cargo Deck

• SHEATHED AND AFT DECK	50.0m x 13.5m = 675m ²
• DECK STRENGTH	5 tonnes/m ²
• DECK LOAD	1,500 tons
• CARGO DECK	625m ²

Generators

• SHAFT ALTERNATORS	2x 1,500 kW
• MAIN ALTERNATORS	2x 276 kW
• EMERGENCY ALTERNATORS	2x 160 kW

Thrusters (all thrusters are electric motor driven with controllable pitch propellers)

• FORWARD TUNNELS	2x 800BHP (590 kW each)
• AFT TUNNELS	2x 800BHP (590 kW each)

Deck Machinery

• CRANES	3 tonnes @ 12m radius, 6 tonnes double fall
• WINDLASS (SPLIT P&S)	2x 22 t hyd.
• TUGGERS	2x 10 t hyd.
• CAPSTANS	2x 10 t hyd.
• TRANSPONDER DEP.	Winch and A-frame mounted over the stern

DP2 System

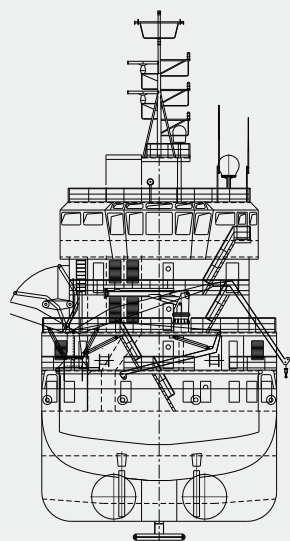
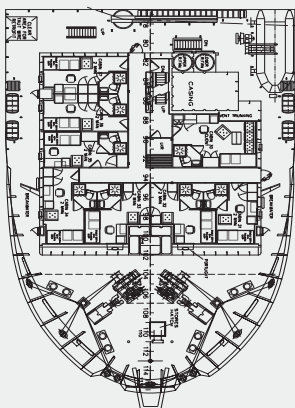
• IMO CLASS 2	Simrad SDP21
• REFERENCE SYSTEMS	2x Seatex DGPS
	3x Gyro Compasses
	1x HiPAP Simrad 502
	2x Wind Sensor
	3x IMU5 & Kongsberg Seapath

Propulsion

• MAIN ENGINES	2x Wartsila 6L 26 MPDEs
• POWER	2x 2,614 BHP @ 1,000 rpm
• TOTAL POWER	3,900kW / 5,228 BHP
• PROPELLERS	2x 4 Bladed CP propellers
• SERVICE SPEED / MAX SPEED	10 knots (approx.) / 12 knots (approx.)

Sonar

• SONAR	Kongsberg EM 122 Multibeam Sonar
	Kongsberg EM 712 Multibeam Sonar



Data provided for comparison purposes only. Complete system specifications available on request.