



# CASSANDRA V

## GEOPHYSICAL, LIGHT GEOTECHNICAL & ENVIRONMENTAL SURVEY VESSEL

*NOTICE: Particulars are believed to be correct and subject to revision without prior notice. Interested parties must inspect vessel to check on suitability of the Company's equipment. Company has exercised due diligence to ensure that the data contained herein is reasonably accurate. However, the Company does not warrant the accuracy or completeness of the data. In no event shall the Company be liable for any damages whatsoever arising out of the use or inability to use the data contained herein. All optional equipment for Charterers' usage shall be agreed by the Company. Updated as at 7 February 2023.*



# CASSANDRA V

## TECHNICAL SPECIFICATIONS

### VESSEL SPECIFICATIONS

<b>Type Vessel</b>	53m Multi-Purpose Deck Vessel
<b>Classification</b>	RINA
<b>Official No./ Call Sign</b>	337347 / 9WUP5
<b>Port of Registry</b>	Malaysia
<b>Builder</b>	Builder Sealink Engineering and Slipway Sdn Bhd
<b>IMO No.</b>	9487720
<b>Year Delivered</b>	2008

### MAIN DIMENSION

<b>Length O. A</b>	53.80 m
<b>Length WL</b>	50.40 m
<b>Beam</b>	13.80 m
<b>Depth</b>	4.50 m
<b>Max Draft</b>	3.5 m
<b>GRT / NRT</b>	1075 / 322 (Tons)

### CAPACITIES

<b>Deck Cargo</b>	570 mt
<b>Deck Area approx</b>	330 m <sup>2</sup>
<b>Ship Fuel</b>	245 m <sup>3</sup>
<b>Fuel - Long Range</b>	897 m <sup>3</sup>
<b>FW Tank</b>	203 m <sup>3</sup>
<b>FW / SW Ballast Tank</b>	63 m <sup>3</sup>
<b>Foam Tank</b>	9.5 m <sup>3</sup>
<b>Sewage Tank</b>	2.8 m <sup>3</sup>
<b>Detergent Tank</b>	7.4 m <sup>3</sup>
<b>Deck Strength</b>	5 Tons/ m <sup>2</sup>
<b>Deadweight</b>	1036 t
<b>Displacement</b>	1978.03 t

### PERFORMANCE

<b>Speed</b>	13 Knots @ 100% MCR
<b>Range</b>	6500NM @ 10 knots

### KEY BRIDGE EQUIPMENT

<b>Main engine</b>	2 x CUMMINS KTA50M2 c/w reverse reducing gearbox
<b>Power</b>	2 x 1700 BHP @1800rpm
<b>Control</b>	Fwd & Aft
<b>Gensets</b>	2 x 380kW 440/3/50 independently diesel driven
<b>Bow Tunnel Thruster</b>	5 ton FPP and independently driven
<b>Propulsion</b>	2 x Controllable Pitch Propellers (4 blades) in Kort Nozzle
<b>F.O. Pump</b>	150m <sup>3</sup> /hr @ 60m head c/w meter & discharging connections.
<b>F.W. Pump</b>	100m <sup>3</sup> /hr @ 60m head c/w meter & discharging connections.

### DECK FITTINGS AND EQUIPMENT

<b>Stockless Bower Anchor</b>	2 x 1600kg c/w 34mm dia x U2 x 9 shackles stud link chain
<b>Anchor Winch</b>	1 x Hydraulic c/w 2 wrapping drum & power pack suitable for the above and mooring capability
<b>Tugger Winch</b>	1 x 10mt
<b>Capstan</b>	2 x of 5mt SWL
<b>Searchlight</b>	2 x 2000W
<b>Main Deck</b>	Wooden sheath covered
<b>Reefer Point</b>	8 Nos

### NAVIGATION & COMMUNICATION

VHF-FM Radio x2, SSB Transceiver x1, Inmarsat-C x2, 2ways Radio x3, Magnetic Compass x1, Radars x2, Echo Sounder c/w transducer x1, Gyrocompass Autopilot, Doppler Speed Log GPS x2, Navtex Receiver, Watch Receiver, AIS x1, SSAS x1

### ACCOMMODATION & OTHERS

<b>Workshop, Offices, Total Berth</b>	46 including crew compliment
<b>Sewage Plant</b>	For 50 men

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# enviros

**HGIS**  **Alpine**