

INDEPENDENT INNOVATIVE SOLUTIONS



OSD-IMT4301 RO-RO CARGO VESSEL

PRINCIPAL CHARACTERISTICS

Vessel type	Ro-Ro Cargo Vessel	
Class	Lloyds RS (or similar)	
L.O.A.	35.92	m
L.B.P.	33.00	m
Beam mld.	8.00	m
Depth mld.	3.80	m
Design Draught	2.50	m
Deadweight (total)	198	tonnes

ELECTRICAL SUPPLY

Main Power Supply	400v 3ph 50Hz AC	
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CAPACITIES

Fuel Oil	10	m ³
Fresh Water	6	m ³
Water Ballast	100	m ³
Working Deck Area	130	m ²
Containers	12 x 20" T.E.U all Refrigerated if required	

PROPULSION AND ENGINE ROOM M/C

Propellers	2x 1500 Diameter CP Propellers
Rudders +	2x high performance Flap rudders
Steering Gear	2x Independent Hyd. Steering Gears
Main Diesel Engines	2x 500 kW @ 1500 rpm
Gearboxes	2x vertically offset with PTO
Shaft Driven generators	2x 150 kW Generator
Aux. Generator	1x 200 kW
Bow Thruster	1x 250 kW
Service Speed	10 knots at 85% MCR

DECK MACHINERY

Deck Crane	15 tonnes S.W.L
Anchor Windlass	In line with Class requirements

ACCOMMODATION

Complement	6 persons
Cabins	4 @ 1 Single, 2 Double
Accommodation	Mess Room / Galley

