NEOLINER ORIGIN
SAILING RO-RO VESSEL

RMK MARINE



PRINCIPAL DIMENSIONS

Length Overall	:	136.00 m
Beam	:	24.20 m
Draught (Design)	:	5.50 m
Air Draught	:	88.20 m
		42.00 m (Tilted Masts)
Depth (Upper Deck)	:	15.45 m

DEADWEIGHT AND TONNAGE

DWT (at Design)	:	5000 t
DWT (at Scantling)	:	6300 t
GRT/NT	:	13278/3984 t

CAPACITIES

Cargo Capacity

Ro-Ro	:	1500 Linear Meters or 500 Cars
Containers	:	265 TEUs
Conventional	:	5000 t
Water Ballast	:	3679 m³
MDO	:	500 m³
Fresh Water	:	100 m³
Service Speed	:	12.9 knots
Max. Engine Speed	:	14 knots
Cruising Range	:	abt. 7000 nm @12.9 knots

BOW & AFT THRUSTERS

Manufacturer	:	BERG
Tunnel Thruster	:	2 x 450 kW
Aft Thruster	:	1 x 450 kW

ANTI DRIFT FIN STABILISER

2-off (two) Foldable Type Anti-Drift Fin System

Manufacturer	:	Foure Lagadec
Area Per Fin	:	2 x 11 m²
Lifting Force	:	765 kN @15 knots

MAIN ENGINE

Manufacturer	:	ABC
Design	:	Four (4) Stroke, Medium Speed
Output	:	1 x 3184 kW @900 rpm

PROPULSION PLANT

Manufacturer	:	BERG
Design	:	Four (4) Blade, CPP
Reduction Gear	:	Reintjes
Shaft Generator	:	1 x 900 kW @1800 rpm

SOLID SAIL RIGGING SYSTEM

2-off (two) Tiltable Solid Sail Rigging System

Manufacturer	:	Chantiers de l'Atlantique
Total Sail Surface	:	3000 m²

WEATHER ROUTING SYSTEM

Manufacturer	:	D-ICE Engineering
Model	:	OCEANICS

Oceanics System provides an evironment friendly cargo transport solution by reducing:
· Both fuel consumption and gas emissions.
· The environmental impact of the ship during all her life cycle.
· The operating costs.

DIESEL GENERATORS

Manufacturer	:	Lindenberg
Output	:	2 x 662 ekW @1800 rpm (440V/60Hz)
		1 x 350 ekW @1800 rpm (440V/60Hz)

CLASS

BV I ✣ HULL ✣ MACH, Ro-Ro Cargo Ship, UNRESTRICTED NAVIGATION ✣ AUT-UMS, WPS2, BWT, MON-SHAFT, INWATERSURVEY, CLEANSHIP, GREEN PASSPORT EU

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