

# Cargo Transport Multi Carrying Vessel (MCV)

123M – Project Cargo- RoRo Multi Carrying Vessel



## Vessel Specifications

Highly maneuverable, with azimuth thrusters  
smart ballasting, shallow draft,  
fuel efficient deck carrier



# Vessel Specifications

## Wide MCV Type

Minor changes may be present between sister vessels

## Vessel Particulars

<b>Year built/builder</b>	2017/2018, Vard group, AS Norway
<b>Flag</b>	Marshall Islands (current)
<b>Class</b>	ABS

## Capacities

<b>Deck cargo capacity</b>	3000 - 4000 t Depending on VCG
<b>Deck Strength</b>	Avg. 20 MT/m <sup>2</sup> , Points loads on frames up to 280 MT
<b>Deck area (total)</b>	2100 m <sup>2</sup> Approx.
<b>Deck Area</b>	88.5 m x 24.5 m
<b>Fuel oil/Fresh water</b>	272 m <sup>3</sup> /242 m <sup>3</sup>
<b>Ballast water</b>	4400 m <sup>3</sup>

## Performance

<b>Max speed</b>	10 knots
<b>Service speed</b>	9 knots
<b>Economic speed</b>	8 knots
<b>Maneuverability</b>	Turns on own axis

## Accommodation & Facilities

<b>Total persons</b>	18 (accordance with MLC requirements)
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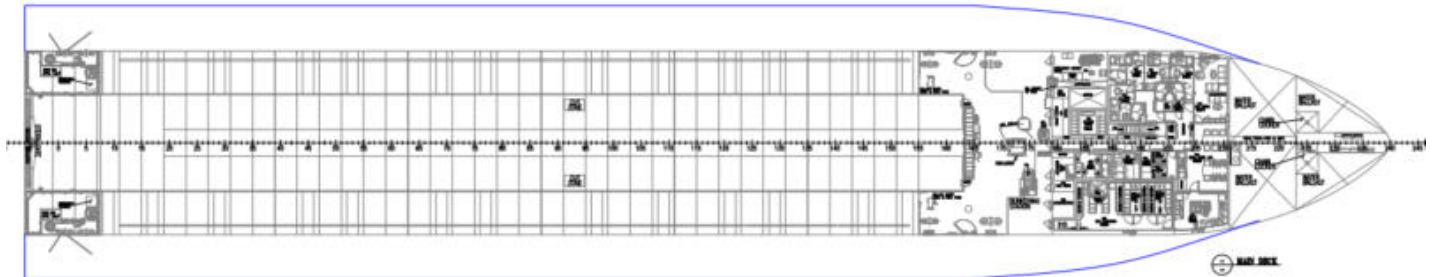
## Dimensions

<b>Length overall</b>	123 m
<b>Breadth (Extreme)</b>	24.5 m
<b>Min draft</b>	2.2 m (in ballast condition)
<b>Max scantling draft</b>	3.0 m
<b>Air draft</b>	14 m at SLL
<b>Depth moulded</b>	5.6 m
<b>Deadweight</b>	4400 t approx.
<b>Lightship</b>	3230 t approx.
<b>Hull type</b>	Double bottom

## Machinery

<b>Main propulsion</b>	Diesel-electric. 2 x 1200 kW Schottel ASD
<b>Generators</b>	3 x 994 kW Cat C32
<b>Bow thruster</b>	2 x 500 kW Schottel tunnel thruster
<b>Ballast pumps</b>	2 x 1000 m <sup>3</sup> /hr, 1 x 500 m <sup>3</sup> /hr
<b>Provision crane</b>	1,000 kg@15 m radius
<b>Anchors</b>	2 x 2.3 T (fwd), 1 x 1.9 T (aft)

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