



# M/V Bore Song

Dutch flag, built by Flensburger Schiffbau-Gesellschaft 2011, Lloyds Register 100A1 Ro-Ro cargo ship. Finnish/Swedish ice class 1A, Call sign OJOW, IMO no. 9443566

## Principal dimensions

Length over all	195.40 m
Breadth moulded	26.20 m
Trailer draught	7.05 m
Draught max	7.40 m

## Tonnage

DWT on 7,05 m draught	12 200 t
GT London rules 1969	25 586 t
NT London rules 1969	7 676 t

## Tank capacities

HFO	1 313 m <sup>3</sup>
MGO	153 m
Water ballast	6 072 m <sup>3</sup>
Flume tanks	597 m <sup>3</sup>

## Ro-Ro capacity

	Area	Lane meter*	Max load
Upper deck	3 680 m <sup>2</sup>	1 236 m	1.8/1.2 t/m <sup>2</sup>
Main deck	3 410 m <sup>2</sup>	1 078 m	2.7 t/m <sup>2</sup>
Lower hold	1 680 m <sup>2</sup>	549 m	5.0 t/m <sup>2</sup>

Total	8 770 m <sup>2</sup>	2 863 m
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\*Lane meter based on lane width 2.97 m

†Reduced load on upper deck FWD of Frame 100 in case of loaded car deck in MD hold

	Volume	Deck Height
Main deck	23 404 m <sup>3</sup>	6.55/7.0/7.4 m
Lower hold	11 004 m <sup>3</sup>	6.55 m

Total	34 408 m <sup>3</sup>
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## Car decks

	Area	Deck height
Platform deck lower hold	1 665 m <sup>2</sup>	2.0 m
Below		4.70 m

Total	1 665 m <sup>2</sup>
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## Container capacity on upper deck

	Slots	Stack weight
45'	60	61 t
40'	60	61 t
30'	20	61 t

Container capacity nominal 444 TEU upper deck.

Double stack containers on all cargo decks.

## Reefer plugs

Total 50 reefer plugs.

20 reefer plugs on main deck, 30 pcs on upper deck.

Reefer plugs 4 pole, 450 V, 60 Hz, 32 A

Bore Ltd

Details are believed to be correct but given without guarantee. Description not to be used in charterparties.

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## Ramps

One stern ramp 22.25 x 15 + 3 m flaps, max load 200 t. (PS corner of ramp is foldable, when corner folded ramp width 20.25 m)

Fixed ramp main deck – lower hold, slope <6°

Fixed ramp main deck - weather deck, slope <6°

## Accommodation for drivers

Accommodation for 12 drivers in 6 cabins

## Machinery

Main engine 1 x Wärtsilä 12V46F-CR, 12 000 kW with variable frequency drive (VFD) for optimal fuel consumption at low speed.

Hybrid scrubber, Langtech

Fuel quality ME: RMD 380, DMA.

Fuel quality AUX eng: DMA

2 x Diesel generators, 1 500 kVA each, 450 V 60 Hz

Shaft generator, 3 750 kVA

Bow thruster, 1 800 kW

Stern thruster, 900 kW

FRAMO anti-heeling system

## Speed and consumption per day

Service speed abt 19.0 knots on abt 50 t IF-380

(At design draught 7.05 m and 300 kW shaft gen. load)

18.0 knots trailer draught (6.30 m) on abt 36 t IF-380

(Abt 5000 t payload, 300 kW shaft gen. load)

Flexible ECO speed between 12-19 knots.

Example 14 knots:

14.0 knots trailer draught (6,30 m) on abt 24 t IF-380

(Abt 5000 t payload, 300 kW shaft gen. load)

Harbour consumption abt 3 t MGO

