



M/V Bore Bay

Finnish flag, built by UMOE Sterkoder A/S Norway 1997
DNVGL 1A1 RO/RO E0 TMON
Finnish/Swedish ice class 1A Super, Call sign OJHF,
IMO no. 9122007

Principal dimensions

Length over all	138.50 m
Breadth moulded	22.65 m
Trailer draught	6.50 m
Draught max	7.072 m

Tonnage

DWT on 7,072 m draught	7 300 t
GT London rules 1969	10 527 t
NT London rules 1969	3 172 t

Tank capacities

HFO	1 289.5 m ³
MGO	81.9 m ³
Water ballast	4 135.8 m ³

Ro-Ro capacity

	Area	Lane meter	Max load
Weather deck	1 715 m ²	577 m	3.0 t/ m ²
Main deck	1 978 m ²	616 m	5.0 t/ m ²
Lower hold	1 056 m ²	318 m	5.0 t/ m ²
Total	4 749 m ²	1 511 m	

	Volume	Deck Height
Weather deck		
Main deck	9 000 m ³	5.00 m
Lower hold	4 856 m ³	4.60 m

Container capacity on weather deck 321 TEU
(Three layers a 107 TEU)

Stack load	20' = 40 ton	
	30' = 65 ton	Aft part of WD
	60' = 65 ton	Aft prior to WD
	40'/45' = 60 ton	

Reefer plugs

20 reefer plugs on main deck. 20 reefer plugs on weather deck.
Reefer plugs 4 pole, 380/440 V, 50/60 Hz, 32 A

Ramps

Two stern ramps:
Stern ramp to MD 16.00 m x 13.60 m (L x B), max load 100 t
Stern ramp to WD 16.00 m x 4.00 m (L x B)

Fixed ramp main deck – lower hold, slope <8°
Fixed ramp main deck - weather deck, slope <8°

Air drying plant for cargo holds

Accommodation for drivers

Accommodation for 12 drivers in 6 cabins

Machinery

Main engine Wärtsilä 16V46A, 14 480 kW

Scrubber, Croll Reynolds
2 x Diesel generators, 600 kW each
Shaft generator, 1.432 kW
Bow thruster, 720 kW
Stern thruster, 495 kW
Intering anti-heeling system
Intering stabilizer plant

Speed and consumption per day

Max speed abt 20.0 knots on 6,5 m. draft
abt 19,0 knots on 7,0 m. draft

Ecospeed abt 13 knots on 6,5 m. draft: ME abt 20 t IF-380
and aux engine abt 2,0 t MGO

Harbour consumption abt 2 t MGO

