



M/V Bore Bay

Finnish flag, built by UMOE Sterkoder A/S Norway 1997
 DNV classed, RORO Cargo Ship
 Finnish/Swedish ice class 1A Super, Call sign OJHF,
 IMO no. 9122007

Principal dimensions Length

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

Tonnage

DWT on 7,072 m draught	7 300 t
Gross tonnage (GT)	10 527 t
Net tonnage (NT)	3 172 t

Tank capacities

HFO	1 287.8 m ³
MGO	81.9 m ³
Water ballast (incl. stab. TK's)	4 138.6 m ³
Stab. tanks	673.3 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 m²	1 511 m	

	Volume	Deck Height
Weather deck		
Main deck	9 100 m ³	4.60 m
Lower hold	4 856 m ³	4.60 m

Container capacity on weather deck 321
 TEU (Three lanes á107 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 11.84 m (L x B), max load 100 t
 Stern ramp to WD 16.00 m x 4.00 m (L x B), max load 75 t

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
 Interling anti-heeling system
 Interling 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/24h IF-380
 and aux engine abt. 2,0 t /24h MGO

Harbour consumption abt. 2 t/24h MGO

