



mv BALTICA

Finnish flag, built by Hyundai Heavy Ind. Co. Ltd, South Korea 1990
 DNV GL +100 A5 E4 "Ro-Ro ship" "Equipped for carriage of containers" "SOLAS II-2, Reg. 19" MC E4 Aut.
 Finnish/Swedish ice class 1A Super, Call sign OJRI, IMO no. 8813154

Principal dimensions

Lenght over all	157,67 m
Breadth moulded	25,00 m
Draft summer	8,50 m

Tonnages

DWT on 8,50 m draft	13.773
GT London rules 1969	21.224
NT London rules 1969	6.367

Tank capacities

Fuel oil	1.229 m ³
MGO	89,8 m ³
Water ballast	7.234 m ³

Roro capacity

	Area	Lane meter	Max load
Upper deck	2.784 m ²	960 m	2,0 t/m ²
Main deck	2.581 m ²	890 m	5,0 t/m ²
Lower hold	928 m ²	320 m	8,0 t/m ²
Total	6.293 m ²	2.170 m	

	Volume	Deck height
Upper deck	9.822 m ³	4,50 m
Main deck	18.942 m ³	6,70 m
Lower hold	7.274 m ³	6,30 m
Total	36.038 m ³	

Container capacity on deck and reefer plugs

146 TEU, with limitations on stack loads depending on position
 80 reefer plugs on main deck and upper deck
 Reefer plugs 4 pole, 440 V, 60 Hz, 32 A

Cargo handling equipment

Stern ramp 12,50+3,00m x 10,60/18,00m (LxB), total load 200 t
 Trailer lift 19,0 x 3,8 m, lifting capacity 70 ton main deck to lower hold
 2 x Trailer lift 19,0 x 3,8 m, lifting capacity 60 ton main deck to upper deck.
 Speed loaded/empty 6/12 m per minute

Accommodation for drivers

Accommodation for 12 drivers in 6 cabins

Machinery

Main engine 2 x Wärtsilä, 9R46A, 6R46A, totally 13.575 kW
 Aux. engines 3 x 1.080 kW
 Shaft generator 1.800 kW
 Bow thruster 1.100 kW
 Stern thruster 700 kW
 Anti-heeling system

Speed and consumption per day

Service speed abt 18 knots on abt 45 t fuel oil
 Outside ECA vessel consuming IF380, inside ECA vessel consuming MGO/MDO or ULSFO
 Harbour consumption abt 3 t MGO without trailer lifts

Typical cargo cases

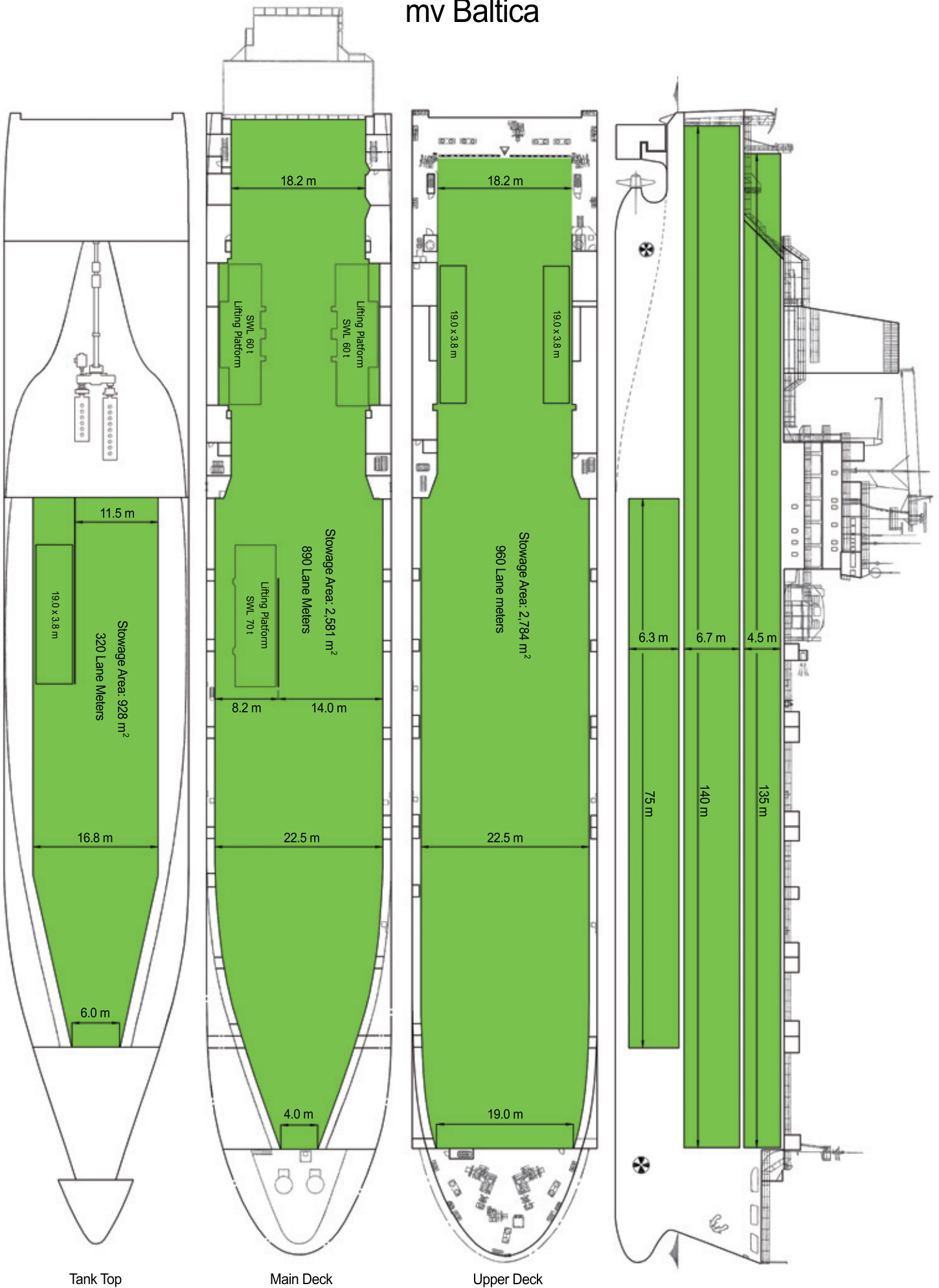
Paper: 3.500 mt paper in lower hold + 8.500 mt on main deck + 600 mt bunker

Paper + trailers: 2.200 mt paper in lower hold + 5.000 mt paper on main deck + 600 mt trailers on main deck (abt 24 pcs) + 1.550 mt trailers on upper deck (abt 62 pcs) + 600 mt bunker

Paper + trailers + containers: 2.200 mt paper in lower hold + 3.000 mt paper on main deck + 950 mt trailers on main deck (abt 38 pcs) + 1.550 mt trailers on upper deck (abt 62 pcs) + 200 mt containers on Shelter deck (abt 50 pcs) + 600 mt bunker

Please note that above cases are given as examples only. Actual maximum cargo for a specific voyage is always subject to exact cargo specification, vessel's trim and stability, port restrictions etc.

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Tank Top

Main Deck

Upper Deck