



## **VESSEL DESCRIPTION**

**Name: MV "Baltic Mercur II"**

Type: Multi-Purpose Dry Cargo Ship, Equipped for Carriage of Containers, Strengthened for Heavy Cargo

Registered Owner: Atlantic Baltic Mercur II Ltd., Valletta, Malta

Ship Manager: Baltic Mercur JSC

Hull & Machinery: Ingostrakh; P&I: West of England

Yard: Dalian Shipyard, PRC

Built: 2004

Flag: Malta

Port of Registry: Valletta

IMO-No.: 9235361

Call sign: 9HA3796

Vessels class: Russian Maritime Register of Shipping

Class notation: KM\* Ice1 AUT1

Vessel's dimensions:

LOA: 192,90 m

LBP: 182.00 m

Beam: 27,80 m

Draft scantling: 11,20 m

Draft design: 10,00 m

Deadweight: abt. 30.320 mts on a draft of 11,20 m scantling

abt. 24.790 mts on a draft of 10,00 m design figures are given on basis of sea water with a specific gravity of 1,025 (alternate hold loading with hold and empty only permitted on the draft of m)

TPC: 47,062 mt basis SSW draft of 11.20m

Tonnage: International: 23.132 GT / 9.375 NT

Panama: 20.274 NT

Suez: 23.514 GT / 20.171 NT according to DanubeRules

Lightweight 11544 t without pontoons

Lightweight 11914.56 t with 48 pcs pontoons

Container Intake: total max 1,829 ISO standard containers of 20/8/8'6", which are 1,749 TEU of 20/8/8'6" + 40 FEU of 40/8/8'6"

Stowage: hold 706 TEU + 40 FEU  
deck 1,043 TEU

Alternatively: max 1,824 ISO standard container units of 20/8/8'6" which are 884 FEU of 40/8/8'6" + 56 TEU of 20/8/8'6"





## ATLANTIC RO-RO CARRIERS, INC.

95 River Street, 3<sup>rd</sup> Floor, Hoboken, New Jersey, 07030  
Tel: 201.356.2300 Fax: 201.356.2299 e-mail: info@arrcm.com

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Stowage: hold 368 FEU plus 56 TEU  
deck 516 FEU

The container intake and stowage is always subject to stability, trim, lashing plan, permissible stress, lash forces, visibility regulations, local and/or port regulations and strength of deck, hatch covers and tank top visibility. Damage control regulations to be kept.

Stability: about 1,350 TEU at 14 ts homogeneous load.  
Homogeneous load according IMO rules with centre of gravity of 45%

Fittings: holds no. 1 + 5 – cellular  
holds no. 2, 3, 4 – non cellular

Reefer: The vessel is fitted with 150 reefer plugs on deck  
The vessel's power plant is able to provide up to abt. 1100 KW electrical power for the supply of reefer units at sea service and up to 300 kW at maneuvering.

Main engine: MAN B&W 7S60MC-C  
Auxiliary Engine: 1 x ZJMD MAN B+W7L23/30H  
2 x ZJMD MAN-B+W Type 6L23/30H  
1 x Emergency Generator MAN D2866 TE Set

Bowthruster: 1 x 900kW Output

Holds / Hatches: 5 holds / 9 hatches

Covers: Folding Type / Tween Deck - Lift Away Type

Maker: MacGregor

Holds: Tanktops steel are suitable for grab discharge

Holds are CO2 fitted

Holds are fitted with smoke detection system

Fitted with Australian type approved hold ladders –

AMSA former

AWWF

Box shaped holds

Equipped with anti-heeling tanks

Vessel has double hull with no fuel tanks in double bottom, nor in direct contact with the outer shell.

Hold dimensions:

hold no.	hold dimensions (length/width/depth)
Hold No.1 (fore):	12.80m x 15.40m x 15.77m
Hold No.1 (aft):	12.80m x 20.40m x 15.77m
Hold No.2 – 4 (p):	25.60m x 10.30m x 15.77m





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Hold No.2 – 4 (s): 25.60m x 10.30m x 15.77m

Hold No.5 (p): 12.80m x 10.30m x 15.77m

Hold No.5 (s): 12.80m x 10.30m x 15.77m

Hold No. 2,3,4: one level of tweendeck pontoons are fitted at following levels:

Tank top to underneath twn decks – 8.35m

Total clear heights in cargo holds no 2,3,4 (without tween decks):

tank top to underneath hatch cover - 15.77m

Hold capacities:	hold no.	grain/bale
	1	1x 5.599,75 cbm (Containerhold)
	2	2x 4.100,66 cbm
	3	2x 4.143,47 cbm
	4	2x 4.143.47 cbm

total grain/bale capacity holds 2,3,4 stb/port 24.775 cbm

Tanktop strength: hold 2,3,4 – abt. 22.0 mts/m<sup>2</sup>  
hold 1, 5 – abt. 14.9 mts/m<sup>2</sup>

HatchCover strength: abt. 2.5 mts/m<sup>2</sup>

Tween Deck strength: abt. 4.0 mts/m<sup>2</sup>

Cranes: two single cranes:  
2 x 100 mts lifting capacity basis 32 m outreach, combinable to 200 mts basis less outreach incl. lifting beam/gear for holds no. 2+3

one twin crane:  
2 x 50 mts lifting capacity basis 27 m outreach (45mts basis 30 m outreach), combinable with no. 2 single crane to 200 mts incl. lifting beam/gear for holds no. 4

Tank capacities: HFO: abt. 2.908 m<sup>3</sup> / MDO: abt. 139 m<sup>3</sup> / Lub oil: abt. 130 m<sup>3</sup>

Fresh Water: abt. 287 m<sup>3</sup> / Ballast water: abt. 12.586 m<sup>3</sup>

Navigation/ Fitted with all modern nautical aids /satellite navigation /

Communication: weather-chart recorder / Inmarsatsystem / GMDSS / SAT F

All details are always about and given in good faith.

