



## **VESSEL DESCRIPTION**

**Name: MV “Atlantic Project II“**

Registered Owner: Atlantic Project II Limited, Valletta, Malta.

Technical Operator: JSC “Baltic Mercur”, St. Petersburg, Russia.

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

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

Yard: Xiamen Shipyard, PRC

Built: 2002

Flag: Malta

Port of Registry: Valletta

IMO-No.: 9235983

Call sign: 9HA3795

Vessels class notation: KM\* Ice2 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. 30.586 mts on a draft of 11,20 m scantling abt. 24.500 mts on a draft of 10,00 m design figures are given on basis of sea water with a specific gravity of 1,025

Tonnage: International: 23.132 GT / 9.375 NT

Panama: 20.285 NT

Suez: 23.514 GT / 20.171 NT according to DanubeRules

Lightship 11922.7 t

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"



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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.

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



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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>

Hatch Cover 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 / Inmarsat system / GMDSS / SAT F

All details are always about and given in good faith.

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