



## MV "Puka"

Open hatch, fully box, double skinned, Ice Class 1A. Tween-decker convertible into Single-decker. DWAT excl. Tween-decks 12.016 ton. Lakes / Grain / CO2 fitted. Not NAABSA fitted.

### Details

#### General

Call sign	5BCE6
IMO number	9374973
Built	2007
Shipyard	Damen Shipyards
Classification	Lloyd's Register

Class notations 100 A1 Strengthened for Heavy Cargoes, Container Cargoes in Hold and on Upperdeck Hatchcovers, LI Ice Class 1A (Finnish-Swedish Ice Class Rules 2002) at moulded draught not exceeding 8,117 metres. LMC UMS

Ice class Finnish /Swedish 1A

Port of registry Rotterdam

Flag Dutch

Main particulars

DWCC (summer) 11000 ton

Length over all 142.95 m

Breadth over all 18.9 m

Draughts 7.945

TPC SSW 24.2

Air draft (in Ballast) 35

Depth (moulded) 10.95

Distance WL-HC in ballast 11

GT 8999

NT 4585

Cargo capacities

Total cubic feet capacity 609001 ft<sup>3</sup> grain/bale

Holds/hatches

2 Holds / 2 Hatches, both types are: Fully open hatch - no understow. Fully box and double skinned, narrow stepwise by container dimensions.

Hold #1

Dimensions 40.89 x 15.8 x 12.1

Luiken 40.89 x 15.8

Hold #2

Dimensions 55.86 x 15.8 x 12.1

Luiken 55.86 x 15.8

Electrical ventilaton

30 fold air changes per hour basis empty holds. Both holds fitted with dehumidifier system.

## Tween decks

The vessel is equipped with a full tweendeck, consisting of loose tweendeck pontoons of each:  
Tweendeck sizes: Hold no 1 : 2 panels A type 6,93 x 15,65 m Weight abt. 30,410 tons/ each 2 panels B type 5,05 x 15,65 m Weight abt. 24,062 tons/ each 1 panel C type 3,71 x 15,65 m Weight abt. 17,494 tons 1 panel D type 6,72 x 10,33 m Weight abt. 20,254 tons 1 panel E type 6,16 x 5,09 m Weight abt. 10,258 tons Total hold 1: 156,95 tons Hold no. 2 : 8 panels A type 6,93 x 15,65 m Weight abt. 30,410 tons/ each total hold 2: 243,28 tons. Tweendecks can be used as vertical bulkheads at every 20 ft interval.

## Tank capacities

HFO 666.04 m<sup>3</sup>

MGO 255.96 m<sup>3</sup>

Water ballast capacity 4717 m<sup>3</sup>

Fresh water 77 m<sup>3</sup>

## Speed/consumption

abt. 12,0 knots - abt. 17,0 mts/day abt. 13,0 knots - abt. 18,0 mts/day abt. 14,0 knots - abt. 19,0 mts/day abt. 14,5 knots - abt. 21,5 mts/day abt. 15,0 knots - abt. 23,0 mts/day abt. 15,5 knots - abt. 25,5 mts/day  
These figures are about and based on 7,92 m draft, clean bottom, even keel, deep and currentless waters, calm sea and max wind force Beaufort 2/ Douglas 2 and maximum sea temperature 28/29 degrees Celsius, and shaft generator connected. Consumption in port Gear working about 2,5 mts MGO Idle about 1,0 mts MGO For manoeuvring and navigation in rough or cold weather/ in port/ narrow water vessel burns MGO.

## Fuel oil specification

VLSFO 0,5% ISO 8217:2010. MGO DMA 0,1% ISO 8217:2010. Within emission controlled area(s) time charter to be liable for sulphur limit or emission compliance.

## Engines

Main engine MAK 6M43C , 6000 kW at 500 RPM

Reduction gear Flender ratio 4, 136 output 120 rpm

Propeller CCP Ø 5 meters