

ForestWave

Puka



Main particulars

Flag	Cyprus
Port of registry	Limassol
Built	2007, Damen Shipyards
Type	Multipurpose geared tweendecker, strenghtened for heavy cargoes, equipped for carriage of containers
Class	DNV
Ice class	1A Finnish-Swedish Ice Class
IMO nr.	9374973

General dimensions

GT/NT	8.999 / 4.585
DWT summer sw	12.016 mts
Draft fully laden sw	7,94 m
LOA	142,95 m
LPP	134,40 m
Beam	18,90 m
Depth moulded	10,95 m
Ballast airdraft	35,00 m
Distance WL/HC	abt 11 m (ballast)
TPC	24,20

Gear

Cranes (starboard)	2 x 80 mts, combinable
Outreach, capacity	80 mts (4 - 14 m); 60 mts (upto 18 m) 40 mts (upto 30 m); 30 mts (2,2 - 32 m)

- No spreader on board. Crane lifting capacity is subject vessel's stability and depends on cargo/ballast on board. Cranes can be combined but not the entire holds/ hatches can be served with the maximum lifting capacity. Free distance between the cranes is abt. 50 meters

Container data

Intake	684 teu total 372 teu (deck) + 312 teu (hold)
Stack loads	Hold teu 100 mts / feu 135 mts Twd teu 40 mts / feu 40 mts Deck teu 50 mts / feu 65 mts
Reefer plugs	80, on deck

- Intake is always subject vessel's stability, trim, permissible weight and is subject to regulations of visibility.

Tank capacities

HFO	660 cbm (incl day + settling tank)
MGO	255 cbm (incl day + settling tank)
Fresh water	77 cbm
Ballast water	4.714 cbm

Hold particulars

Grain capacity	610.000 cbft (17.270 cbm) - w/o twd 555.000 cbft (15.700 cbm) - with twd in hold
Holds / hatches	2/2; boxshaped, open hatch
Hold no 1/2 (Grain)	215.000 / 340.000 cbft (6.093 / 9,635 cbm)
Hold 1 (lwxh)	40,89 x 15,80 x 12,08 m (20,95 m without narrowing)
Hold 2 (lwxh)	55,86 x 15,80 x 12,08 m (48,87 m without narrowing)
Hatch 1+2	13,21 x 10,48 + 27,98 x 16,27 & 56,00 x 16,27 m
Hatch covers	Hydraulic folding, 14 pcs
Moveable bulkheads	2 bulkheads
Hold ventilation	30 air changes per hour

Tweendeck

Tweendeck	Complete twd
Height under / above twd	5,59 / 5,59 m

Capacity area

Tanktop	1.352 sqm
Tweendeck	1.400 sqm
Weather deck	1.504 sqm
Total	4.256 sqm

Strenghts

Tanktop	18,0 mts / sqm
Tweendeck	4,0 mts / sqm
Hatch cover	1,75 mts / sqm

Machinery

Main engine	MAK 6M43 - 6.000 kW at 500 r.p.m.
Auxiliary engines	Mitshubishi S6A3 - 3 x 503 kVA
Shaft generator	1.250 kVA
Bow thruster	730 kW
Propeller	CPP
Speed / consumption	12 kn on 17 mts RMG 380
Port consumption	1,0 mts MGO (idle) / 2,5 mts MGO (gear working)

- Speed and consumption figures are calculated basis sailing even keel, on max. bft 3, ds 3 and seawater temperature max. 26 dgrs celsius.

Fuel supplied to be of latest ISO 8217 specs. For trading in any SECA the fuel oil to meet the requirements as per MARPOL Annex VI, regulation 14 and 18.3.

Bunkers shall not be commingled to avoid compatibility problems. Owners are participating in fuel quality testing services, new supplied fuel shall only be used when analysis is known.

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