

ForestWave

FWN Atlantide



Main particulars

Flag	Dutch
Port of registry	Groningen
Built	2011, Damen Shipyards
Type	Multipurpose geared tweendecker, strengthened for heavy cargoes, equipped for carriage of containers
Class	Lloyds Register
Ice class	1A Finnish-Swedish Ice Class
IMO nr.	9535620

General dimensions

GT/NT	8.059 / 3.909
DWT summer sw	10.870 mts
Draft fully laden sw	7,40 m
LOA	145,63 m
LPP	138,62 m
Beam moulded	18,25 m
Depth moulded	10,30 m
Ballast airdraft	32,40 m
Distance WL/HC	7 m (ballast)
TPC	21,50

Gear

Cranes (portside)	2 x 80 mts, combinable
Outreach, capacity	80 mts (6 - 14 m); 60 mts (6 - 19 m); 40 mts (2,5 - 26 m); 32 mts (2,5 - 34 m)

► Spreader on board. Crane lifting capacity is subject vessel's stability and depends on cargo/ballast on board.

Container data

Intake	663 teu total 361 teu (deck) + 302 teu (hold)
Stack loads	Hold - teu 100 mts / feu 120 mts Twd - teu 25 mts / feu 40 mts Deck inner - teu 28 mts / feu 52 mts Deck outer - teu 35 mts / feu 54 mts (on stanchions)
Reefer plugs	60, on deck

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

Tank capacities

HFO	520 cbm (incl day + settling tanks)
MGO	145 cbm (incl day + settling tanks)
Fresh water	75 cbm
Ballast water	5.032 cbm

Hold particulars

Grain capacity	522.905 cbft (14.807 cbm) - w/o twd 485.260 cbft (13.731 cbm) - with twd in hold
Holds / hatches	2/2; boxshaped, open hatch
Hold no 1/2 (Grain)	191.017 / 334.395 cbft (5.368 / 9.439 cbm)
Hold 1 (lxwxh)	38,95 x 13,15 x 11,05 m 29,48 m (without narrowing)
Hold 2 (lxwxh)	65,41 x 13,15 x 11,05 m 59,19 m (without narrowing)
Hatch 1+2	38,95 + 65,41 x 13,15 m
Hatch covers	Pontoon, 16 pcs
Moveable bulkheads	8
Hold ventilation	10 air changes per hour b.e.h.

Tweendeck

Tweendeck	Complete tweendeck
Panels (lxwxh)	5,45 x 13,09 x 0,66 m (16 panels + 4 smaller panels)
Height under / above twd	4,01 m / 6,38 m 5,23 m / 5,16 m

Capacity area

Tanktop	1,303 sqm
Tweendeck	1.352 sqm
Weather deck	1.385 sqm
Total	4.040 sqm

Strenghts

Tanktop	20 mts / sqm
Tweendeck	3,50 mts / sqm
Hatch cover	1,75 mts / sqm

Machinery

Main engine	MAK 9M32C - 4.320 kW at 600 rpm
Auxiliary engines	Caterpillar 3412 - 3 x 382 kW
Shaft generator	850 kW
Bow thruster	650 kW
Propeller	CPP
Speed / consumption	12 kn on 14,5 mts RMG 380
Port consumption	1,5 mts MGO dens max. 0,86 (idle) 2,5 mts MGO dens max. 0,86 (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

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