

ForestWave

FWN Merchant



Main particulars

Flag	Dutch
Port of registry	Groningen
Built	2013, Peters Shipyards, Netherlands
Type	Multipurpose geared tweendecker, strengthened for heavy cargoes, equipped for carriage of containers
Class	Lloyds Register
IMO nr.	9534470

General dimensions

GT/NT	6.693 / 3.441
DWT summer sw	10.029 mts
Draft fully laden sw	7,82 m
LOA	116,26 m
LPP	112,76 m
Beam	17,80 m
Depth moulded	10,50 m
Ballast airdraft	30,52 m (-/- ballast draft)
Distance WL/HC	abt 9 m (-/- ballast draft)
TPC	19,06

Gear

Cranes (portside)	2 x 80 mts, combinable
Outreach, capacity	80 mts (3 - 14 m) 55 mts (3 - 20 m) 40 mts (2,5 - 24 m)

► No spreader on board. Crane lifting capacity is subject vessel's stability and depends on cargo/ballast on board.

Container data

Intake	Hold 232 teu Deck 172 teu Total 404 teu
Stack loads	Hold teu 96 mts / feu 122 mts Deck teu 21 mts / feu 42 mts
Reefer plugs	8, of which 4 on deck

► Intake is always subject vessel's stability, trim, permissible weight, no restriction in line of sight. If loading to be done by ship's cranes intake will be at least 35x20ft less.

Tank capacities

HFO	485 cbm (incl day + settling tank)
MGO	151 cbm (incl day + settling tank)
Fresh water	95 cbm
Ballast water	3.984 cbm

Hold particulars

Grain capacity	436.000 cbft (12.358 cbm) - w/o twd 408.500 cbft (11.568 cbm) - with twd in hold
Holds / hatches	1/1; boxshaped, open hatch
Hold (lwxh)	61,47 x 15,20 + 9,00 x 12,64 x 11,79 m
Hatch	70,48 x 17,20 m
Hatch covers	Pontoon
Moveable bulkheads	4 (6 positions - twd used as bulkheads)
Hold ventilation	6 air changes per hour b.e.h.

Tweendeck

Tweendeck	Complete twd
Panels (lwxh)	12 pcs
Height under / above twd	6,15 / 4,88 m - full lenght 3,23 / 7,80 m - partly

Capacity area

Tanktop	1.045 sqm
Tweendeck	1.045 sqm
Weather deck	1.200 sqm
Total	3.290 sqm

Strenghts

Tanktop	18 mts / sqm
Tweendeck	3,5 mts / sqm
Hatch cover	2,6 mts / sqm

Machinery

Main engine	MAK 8M32C - 4.000 kW at 600 r.p.m.
Auxiliary engines	Scania DI62 - 2 x 377 kW
Shaft generator	563 kW
Bow thruster	450 kW
Propeller	CPP
Speed / consumption	12 kn on 14 mts RMG 380
Port consumption	1,5 mts MGO dens max 0,86 (idle) 2,5 mts MGO dens max 0,86 (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

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