



Schulte & Bruns

Nederland BV

52° 57' 23" 5° 56' 70"



FWN MERCHANT

MAIN PARTICULARS:

Flag	: Dutch	
Port of registry	: Groningen	
Built	: Peters Shipyards, The Netherlands	
	2013	
Type	: Multipurpose geared	
	Tweendecker, strengthened for heavy cargoes, equipped for carriage of containers	
Class	: Lloyds Register	
IMO	: 9534470	
P&I	: MS Amlin Marine	

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 air draft	: 30,52 m (-/- ballast draft)
Distance wl/hc	: abt 9 m (-/- ballast draft)
TPC	: 19,06

GEARS:

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

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

DECK STRENGTH:

Tanktop strength	: 18,0 mt/sqm
Tweendeck strength	: 3,5 mt/sqm
Hatchcover strength	: 2,6 mt/sqm

CONTAINER DATA:

Container intake	: 404 TEU total 172 TEU (deck) + 232 TEU (hold)
Stack loads tanktop	: hold TEU 96 mts / FEU 122 mts deck TEU 21 mts / FEU 42 mts

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

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, openhatch
Hold (LxBxH)	: 61,47 x 15,20 + 9,00 x 12,64 m x 11,79 m
Hatch	: 70,48 x 17,20 m
Hatch covers	: pontoon, 8 pcs
Moveable bulkheads	: 4 bulkheads (6 positions)
Hold ventilation	: 6 air changes per hour
Reefer plugs	: 8, of which 4 on deck

TWEENDECK:

Tweendeck	: complete twd
Panels	: 12 pcs
Height under td/above td	: 6,15 m / 4,88 m – full length 3,23 m / 7,80 m – partly

CAPACITY AREA:

Tanktop	: 1.045 sqm
Tweendeck	: 1.045 sqm
Deck	: 1.200 sqm
Total	: 3.290 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	: abt 12 kn on abt 14 mts RMG 380 per day
Port consumption per day	: 1,5 mts MGO (idle) / 2,5 mts MGO (working)

HFO – ISO8217:2010e – Category ISO/F – RMG 380

MGO – ISO8217:2005e – Category ISO/F – DMA

Speed and consumption figures are "about" and calculated basis sailing even keel on max Beaufort 3/ DS 3 and seawater temperature max 26 C.

No MGO at sea provided shaft generator connected except if hold ventilation is used, reefers connected and in case of emergency and/or maneuvering in/out of ports and when navigation in shallow, narrow or other constraint waters.

TANK CAPACITIES (basis 100% filling):

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