



# Schulte & Bruns

Nederland BV

52° 57'23" 5° 56'70"



**FWN SEA**  
**FWN SKY**  
**FWN SPACE**  
**FWN SPIRIT**  
**FWN STAR**  
**FWN SUN**

## MAIN PARTICULARS:

Flag	: Netherlands	
Port of registry	: Rotterdam	
Built:	: 2015-2018, Ferus Smit, Germany	
Type	: General cargo ship – occasional dry bulk cargo; container ship; unrestricted navigation; geared; tween deck; allowed to steam with open hatches	
Class	: Bureau Veritas	
Ice Class	: 1A Finnish-Swedish Ice Class	
IMO Nr.	: 9721657 (FWN Sea) : 9721633 (FWN Sky) : 9735232 (FWN Space) : 9735220 (FWN Spirit) : 9721645 (FWN Star) : 9721669 (FWN Sun)	
P&I	: NNPC	

## GENERAL DIMENSIONS:

GT/NT	: 6749 / 3408
DWT summer sw	: 10.546 mts / 7120 mts bss open top
DWT winter	: 10.228 mts
DWCC	: abt 9800 / 6600 bss open top
Draft fully laden sw/winter	: 7,818 m / 7,655 m ; 6,013 m open top
LOA	: 122,50 m
LPP	: 119,58 m
Beam moulded	: 17,00 m
Depth moulded	: 10,70 m
Ballast air draft (from base)	: 42,51 m / 37,49 m, antenna lowered
Distance wl/hc	: abt 11,25 m minus actual draft
TPC	: 19,50
SUEZ GT / NT	: 7056 / 5990
PANAMA NT	: 6093

## GEARS:

Cranes (portside)	: 2 x 85 mts, combinable, with spreader
Outreach, capacity	: 85 mts at R 18 m; 65 mts at R 22m; 50 mts at R 28 m

## CONTAINER DATA:

Container intake	: 436 TEU / 196 FEU total Deck 271 TEU / 121 FEU Hold 165 TEU / 75 FEU
Stack loads tanktop	: hold TEU / FEU 50/50 twd no stack position deck TEU 35 ts/ FEU 54 ts

Intake is always subject vessel's stability, trim, permissible weight, no restriction in line of sight.

## HOLD PARTICULARS:

Grain capacity	: 429.110 cbf (12.151 cbm) –w/o twd : 734,467 cbm deductible for twd
Holds/hatches	: 1/1; box shaped, open hatch, open top
Hold (LxBxH)	: LH 79,04/ TD 90,74 x 13,50 x 10,70 m
Hatch	: 90,74 m x 13,50 m
Hatch covers	: pontoon, (14x)
Bulkheads	: 2 bulkheads
El. ventilation	: 6 air changes/hr b.e.h.

## TWEENDECK:

Tween deck	: complete twd ;15 panels
Panels LxBxH	: Panels 1-10 & A+B(x2): 5,29 x 13,45 x 0,70 m Panel C: 4,53 x 13,40 x 0,70 m
Height under td/above td	: Pos 1: 6,90/3,10 m Pos 2: 5,36/4,64 m Pos 3: 3,10/6,90 m

## AREA AVAILABLE

Tank top	: 1.067 m2
Tween deck	: 1.226 m2
Weather Deck	: 1.413 m2
Total	: 3.706 m2

## DECK STRENGTH:

Tank top strength	: 20 t/m2 non-uniform; 15 t/m2 uniform
Tween deck strength	: 3,50 t/m2
Hatch cover strength	: 2,40 t/m2

## MACHINERY:

Main engine	: MAK 6M32 – 2.999 kW at 600 r.p.m.
Bow thruster	: 573 kW, tunnel type
Propeller	: CPP in nozzle 3,95 m
Speed/consumption	: abt 13 kn on abt 12,50 ts MGO per day
Port consumption per day	: 1,5-2 mt MGO (idle) / 2,5 mt MGO (working)

MGO – ISO8217:2010e – Category ISO/F – DMA

Speed and consumption figures are "about" and calculated basis sailing even keel on max Beaufort 2 / DS 2 and seawater temperature max 26 C.

No MGO consumption on auxiliary engines 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 is shallow, narrow or other constraint waters.

Vessel is not equipped with an EGCS. For trading in any SECA the fuel oil to meet the requirements as per MARPOL Annex VI, Regulation 14 and regulation 18.3.

Bunkers shall not be comingled to avoid compatibility problems. Owners are participating in Fuel Quality Testing Services, any new delivered fuel shall only be used when the analysis is at hand. Bunkers to be planned accordingly.

## TANK CAPACITIES (bss 100% filling):

MGO	: 785 cbm (incl day and settling tanks)
Fresh water	: 51 cbm
Ballast water	: 4.488 cbm