



Schulte & Bruns

Nederland BV

52° 57' 23" 5° 56' 35"



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

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.

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

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

TANK CAPACITIES (bss 100% filling):

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