



Schulte & Bruns

Nederland BV

52° 57' 23" 5° 56' 70"



SYMPHONY ATLANTIC SYMPHONY ARCTIC FWN TBN1 FWN TBN2

MAIN PARTICULARS:

Flag	: Netherlands	
Port of registry	: Rotterdam	
Built:	: 2023/2024, Ferus Smit Shipyard, Germany	
Type	: Class 1 HULL MACH, general cargo, heavy cargo, Green Passport, unrestricted navigation; AUT-UMS, geared, tween deck, allowed to steam/discharge with open hatches at sea	
Class	: Bureau Veritas	
Ice Class	: 1A Finnish-Swedish Ice Class	
IMO Nr.	: 9931472 (Symphony Atlantic) : 9931484 (Symphony Arctic)	

GENERAL DIMENSIONS:

GT/NT	: 9450 / 4880
DWT summer sw	: 12500 mts / 9325 mts bss open top
Draft fully laden sw	: 7,60 m / 6,10 m open top
LOA	: 143,78 m
LPP	: 140,67 m
Beam moulded	: 18,00 m
Depth moulded	: 10,70 m

GEARS:

Cranes (portside)	: 2 x 85 mts, combinable, evt with spreader
Outreach, capacity	: 85 mts at R 23 m; 65 mts at R 26 m; 50 mts at R 32 m

CONTAINER DATA:

Container intake	: tba
Max loads	: hold TEU / FEU 50/50 ts (stack) twd no stack position deck TEU 35 ts / FEU 54 ts (line)

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

TANK CAPACITIES (bss 100% filling):

MDO/Biofuel capacity	: 605 cbm (incl day and settling tanks)
MGO	: 203 cbm (incl day and settling tanks)
Fresh water	: 50 cbm
Ballast water	: 5830 cbm

HOLD PARTICULARS:

Grain capacity	: 538.000 cbf (15.234 cbm) –w/o twd : 935,65 cbm deductible for twd
Holds/hatches	: 1/1; box shaped, open hatch, open top
Hold (LxBxH)	: LH 100,32/ TD 112,17 x 13,50 x 10,70 m
Hatch	: 125 x 14 m
Hatch covers	: pontoon (17x)
Bulkheads	: 2 bulkheads (4 twd panels)
El. ventilation	: 6 air changes/hr b.e.h.

TWEEDECK:

Tween deck	: complete twd ;19 panels
Panels LxBxH	: Panels 1-18: 5,29 x 13,40 x 0,70 m Panel 19: 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	: 1.365 m ²
Tween deck	: 1.525 m ²
Weather Deck	: 1.730 m ²
Total	: 4.620 m ²

DECK STRENGTH:

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

MACHINERY:

Main engine	: Wärtsilä 6L32E – 3.300 kW at 750 r.p.m.
Bow thruster	: 720 kW
Propeller	: CPP in nozzle 3,85 m
Speed/consumption	: abt 13,5 kn on abt 12,5 ts MGO per day
Speed/consumption	: abt 12,5 kn on abt 9,2 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.

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.