



**m/v TRADE NAVIGATOR m/v TRENT NAVIGATOR m/v TRITO NAVIGATOR**

**Main particulars**

Flag	Netherlands
Port of registry	Heerenveen
Built	2013, Damen Shipyards
Type	Multipurpose geared Tweendecker
Class	Lloyds Register
Ice Class	1A Finnish-Swedish Ice Class
IMO Nr.:	9631371 (Trade Navigator) 9631369 (Trent Navigator) 9631357 (Trito Navigator)
P&I	Raets Marine
H+M value	EUR 16.5 mio

**General dimensions**

GT/NT	abt 5667/3048
DWT summer sw	8.102 mts
DWCC summer	abt 7.400 mts
DWCC winter	abt 7.300 mts
Draft fully laden sw	7,21 m
Draft ballast fore/aft	3,20 m / 4,65 m
LOA	118,14 m
LPP	112,29 m
Beam	16,13 m
Depth main deck at side	8,80 m
Ballast airdraft	28,50 m
Distance wl/hc	6,50 m (ballast)

**Gears**

Cranes (portside)	2 x 60 mts, combinable
Outreach, capacity	60 mt (4-16 m); 40 mt (3-25m) 34 mt (3-28 m)

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

**Deck strength**

Tanktop strength	17 mts / sqm
Tweendeck strength	3 mts / sqm
Hatchcover strength	1,75 mts / sqm

**Area available**

Tanktop	1.002 m2
Tweendeck	1.092 m2
Deck	1.157 m2
Total	3.251 m2

**Hold particulars**

Grain capacity	383.522 cbf (10.860 cbm) 340.000 cbf (twd in hold)
Holds/hatches	2/2; boxshaped, openhatch
Hold No 1 / 2 (grain)	77.788 /305.735 cbf (2.203/8.657 cbm)
Hold 1 (LxBxH)	7,86x13,20 +11,31x7.0 (narr) x 10,05 m
Hold 2 (LxBxH)	63,90 x 13,20 x 10,05 m
Hatch 1+ 2	19,17 + 63,90 m x 13,20 m
Hatch covers	pontoon
Moveable bulkheads	6 bulkheads
Hold ventilation	10 air changes per hour
Reefer plugs	20, on deck only

**Tweendeck**

Tweendeck	complete twd, adjustable 3 heights
Height under td/above td	Pos 1: 3,82 m / 5,65 m; Pos 2: 4,73 m / 4,74 m; Pos 3: 5,705 m / 3,765 m

**Container data**

Container intake	366 TEU; of which 189 TEU on deck
Stack loads	hold TEU 70 mts FEU 70 mts deck TEU 25 mts FEU 48 mts

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

**Machinery**

Main engine	MAK 6M32C – 2.995 kW
Auxiliary engines	3 x 360 kW
Shaft generator	468 kW
Bow thruster	BERG, 400 kW
Propeller	CPP
Speed/consumption	abt 11.5 kn on abt 10.5 ts RMG 380 per day
Port consumption per day	1,5 mt MGO (idle) / 2,5 mt 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 max Beaufort 3/ DS 3 and seawater temperature max 26 C. No GO 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.	

**Tank capacities**

HFO	380 cbm (incl day + settling tank)
MGO	196 cbm (incl day + settling tank)
Fresh water	50 cbm
Ballast water	2.990 cbm

