



# Schulte & Bruns

Nederland BV

52° 57' 23" 5° 56' 70"



## TIDE NAVIGATOR TIMBER NAVIGATOR

### MAIN PARTICULARS:

Flag	: Dutch
Port of registry	: Heerenveen
Built:	: 2011, Damen Shipyards
Type	: Multipurpose geared Boxed tweendecker
Class	: Lloyds Register
Ice Class	: 1A Fin.-Swed. Ice Class upto the draft of 6,635 m
IMO Nr.	: 9526083 (Tide Navigator) : 9532824 (Timber Navigator)

### GENERAL DIMENSIONS:

GT/NT	: 5425 / 2949
DWT summer sw	: 8.200 mts
DWT winter sw	: 8.000 mts
DWCC summer	: abt 7.400 mts
Draft fully laden ssw	: 7,20 m
Draft ballast fore/aft	: 3,20 m / 4,65 m
LOA	: 118,14 m
LPP	: 112,29 m
Beam	: 15,90 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 40 mts, combinable
Outreach, capacity	: 40 mt (3-24 m); 32 mt (3-28m)

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	: 1.010 sqm
Tweendeck	: 986 sqm
Deck	: 1.167 sqm
Total	: 3.163 sqm

### TANK CAPACITIES:

HFO	: 353 cbm (incl day + settling tank)
MGO	: 183 cbm (incl day + settling tank)
Fresh water	: 52 cbm
Ballast water	: 2.943 cbm

### HOLD PARTICULARS:

Grain capacity	: 371.155 cbf (10.510 cbm)
Holds/hatches	: 2/2; boxshaped, openhatch
Hold No 1 / 2 (grain)	: 136.490 / 234.665 cbf (3.865/6.645 cbm)
Hold 1 (LxBxH)	: 21,35x13,20 +11,31x7.0(narr) x 9,70 m
Hold 2 (LxBxH)	: 51,12 x 13,20 x 9,70 m
Hatch 1+ 2	: 32,66 +51,22 m x 13,20 m
Hatch covers	: pontoon
Moveable bulkheads	: 2 bulkheads (10 positions)
Hold ventilation	: 10 air changes per hour B.E.H.

### TWEENDECK:

Tweendeck	: complete twd (except narrowing in Hold 1) adjustable 2 heights
Height under/above twd	: Pos 1 : 3,82 m / 5,37 m; Pos 2 : 4,59 m / 4,59 m;

### CONTAINER DATA:

Container intake	: 366 TEU; of which 165 TEU on deck
Stack loads tanktop	: hold TEU 70 mts FEU 70 mts deck TEU 25 mts FEU 48 mts
Reefer plugs	: 20, on deck only

Intake is always subject vessel's stability, trim, permissible weight and is subject to regulations of visibility. Container as well as grain/bale capacity assumes tweendeck ashore.

### MACHINERY:

Main engine	: MAK 9M25C - 2970 kW
Auxiliary engines	: 3 x 280 kW
Shaft generator	: Stamford 435 KVA - 348 kW
Bow thruster	: BERG, 300 kW
Propeller	: CPP