



Schulte & Bruns

Nederland BV



MV MARGARETHA

MAIN PARTICULARS:

Flag	: Antigua & Barbuda
Port of registry	: St. Johns
Built:	: 2002, Netherlands
Type	: MPP vessel for generals, bulk, containers and heavy cargoes
Class	: Lloyd's Register
Ice Class	: 1A Finnish-Swedish Ice Class
IMO Nr.	: 92400548
P&I	: Hanseatic



GENERAL DIMENSIONS:

GT/NT	: 7752 / 3856
DWT summer sw	: 10.500 mts
Draft fully laden sw	: 7,40 m (summer) / 7,21 m (winter)
Draft ballast fore/aft	: 4,40 m / 5,90 m
LOA	: 145,63 m
LPP	: 138,82 m
Beam	: 18,25 m
Depth moulded	: 10,30 m
Ballast airdraft	: 31,42 m
Distance wl/hc	: 7,28 m (ballast)
TPC	: 23,27
Suez GRT/ NRT	: 8016 / 7143
Panama NRT	: 6900

GEARS:

Cranes (starboard)	: 2 x 60 mts, combinable
Reach, capacity	: 60 mt (4-16 m); 40 mt (3-26m) 30 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	: 18,0 mts / sqm
Tweendeck strength	: 3,50 mts/ sqm
Hatchcover strength	: 1,75 mts / sqm

TANK CAPACITIES:

HFO	: 293 cbm (incl day + settling tank)
MGO	: 278 cbm (incl day + settling tank)
Fresh water	: 76 cbm
Ballast water	: 4.888 cbm

HOLD PARTICULARS:

Grain capacity	: 522.825 cft (14.805 cbm) - total 508.708 cbf (14.405 cbm) - bss twd+BH in hold
Holds/hatches	: 2/2; boxshaped, openhatch
Hold No 1 capacity	: 5.147 cbm (BH in stowage pos)/5.405 cbm (no BH)
Hold No 2 capacity	: 9.258 cbm (BH in stowage pos)/9.400 cbm (no BH)
Hold 1 (LxBxH)	: 38,95 x 13,15 x 11,0 m, narrowing fore part
Hold 2 (LxBxH)	: 65,45 x 13,15 x 11,0 m
Hatch 1+ 2	: 38,95 + 65,45 x 13,15 m
Hatch covers	: hydraulic folding + 2 pontoons
Moveable bulkheads	: 2 bulkheads (2 pcs each), 8 + 8 positions
Hold ventilation	: 10 air changes per hour, CO2 fitted
Reefer plugs	: 60 connections
Tweendeck	: 4 twd pontoons (each 5,5 m); ttl 297 sqm
Height under/above twd	: 5,23 m / 5,11 m

CONTAINER DATA:

Container intake	: 673 TEU ttl (310 FEU) 371 TEU (deck) + 302 TEU (hold)
Stack loads tanktop	: hold TEU 100 ts / FEU 120 ts (twd 25/40 ts resp) deck TEU 28 ts / FEU 48 ts

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

MACHINERY:

Main engine	: MAK 9M32C - 4320 kW
Auxiliary engines	: 3 x 350 kW
Shaft generator	: 680 kW
Bow thruster	: 400 kW/ 544 HP
Propeller	: CPP
Speed/consumption	: abt 12,5 kn on abt 14,5 mt 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 sailing even keel on 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.