



MARMOLOKAI

MAIN PARTICULARS:

Flag	: Antigua	
Port of registry	: St. Johns	
Built:	: 2004, Damen Shipyards	
Type	: Multipurpose geared Tweendecker, strengthened for heavy cargoes, equipped for carriage of containers	
Class	: DNV GL	
Ice Class	: 1A Finnish-Swedish Ice Class	
IMO Nr.	: 9294977	
P&I	: The Swedish Club	
H+M value	: USD 11,7 mio	

GENERAL DIMENSIONS:

GT/NT	: 7.767 / 3.856
DWT summer sw	: 10.649 mts
Draft fully laden sw	: 7,35 m
LOA	: 145,63 m
LPP	: 139,33 m
Beam	: 18,25 m
Depth moulded	: 10,30 m
Ballast air draft	: 32,40 m
Distance wl/hc	: abt 7 m (ballast)
TPC	: 21,50

GEARS:

Cranes (starboard)	: 2 x 60 mts, combinable
Outreach, capacity	: 30 mt at max 30m

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

CONTAINER DATA:

Container intake	: 672 TEU total 370 TEU (deck) + 302 TEU (hold)
Stack loads tanktop	: hold TEU 100 mts / FEU 120 mts deck TEU 28 mts / FEU 52 mts

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

HOLD PARTICULARS:

Grain capacity	: 525.412 cbft (14.878 cbm) – w/o twd
	: 497.000 cbft - with twd in hold
Holds/hatches	: 2/2; boxshaped, openhatch
Hold No 1 / 2 (grain)	: 191.017 / 334.395 cbf (5.409/9.469 cbm)
Hold 1 (LxBxH)	: 38,95 x 13,15 x 11,05 m (29,52 m without narrowing)
Hold 2 (LxBxH)	: 65,41 x 13,15 x 11,05 m (59,25 m without narrowing)
Hatch 1+ 2	: 38,95 + 65,41 m x 13,15 m
Hatch covers	: pontoon, 17 pcs
Moveable bulkheads	: 2 bulkheads
Hold ventilation	: 6 air changes per hour
Reefer plugs	: 60, on deck only

TWEENDECK:

Tweendeck	: complete twd (except narrowing in hold 1)
Panels LxBxH	: 5,45 x 13,15 x 0,66 m (17 panels)
Height under td/above td	: 5,25 m / 5,14 m & 3,01 / 7,38 m

CAPACITY AREA:

	: Total 3.953 m2
Tanktop	: 1.327 m2
Tweendeck	: 1.218 m2
Deck	: 1.408 m2

MACHINERY:

Main engine	: MAK 9M32C – 4.320 kW at 600 r.p.m.
Auxiliary engines	: Caterpillar 3406 C - 3 x 260 kW
Shaft generator	: yes
Bow thruster	: 650 kW
Propeller	: CPP
Speed/consumption	: abt 12 kn on abt 14,5 mt RMG 380 per day
Port consumption per day:	1,5-2 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 in shallow, narrow or other constraint waters.

TANK CAPACITIES:

HFO	: 625 cbm (incl day + settling tank)
MGO	: 83 cbm (incl day + settling tank)
Fresh water	: 76 cbm
Ballast water	: 4.888 cbm