UNIATLANTICO

MV UNITRADER



SHIP PARTICULARS

MAIN PARTICULARS

Type:	Multipurpose Tweendecker, Heavy Load Carrier
Yard:	Dalian Shipbuilding Industry, China
Built:	2011
Flag:	Liberia
Port of registry:	Monrovia
IMO No:	9593672
Call sign:	9V9411
Class:	LLOYDS REGISTER
P&I:	The London P&I Club

CONTACT

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GENERAL DIMENSIONS

DWT at max draft: 24,964.3 mts
DWCC summer sw: 22,200 mts
LOA: 161.33 m
LBP: 152.00 m
Draft fully laden: 9.81 m (summer sw)
Freeboard summer: 3,630 m
TPC: 40.2
Int. GT/NT: 18,189 / 8,440
Beam: 27.40 m
Depth moulded: 13.50 m
Keel to mast-top: 52.30 m
Airdraft: 42.50 m (laden)
46.95 m (ballast)

CRANES

Cranes (portside): TTS
Outreach, capacity: 60 mts (20 m) /
100 mts (20 m) /
100 mts (20 m)
Max SWL (combined): 200 mts (No. 2+3,
incl. lifting beam)

DECK STRENGTH

Tanktop: 23 mts/m²
Tweendeck: 4 mts/m²
Hatch Cover: 2.5 mts/m²

TWEENDECK

Tweendeck: 16
Hight under td: 9.4/6.08/8.39
Hight above td: 6.8/6.5/4.2

CONTAINER

Container intake: 1,497 TEU total
822 TEU on deck +
675 TEU in hold
Intake basis 14 mts: 1,247 TEU
Reefer plugs: 86 FEU (440 V)

Container intakes always subject to vessel's stability, trim, permissible stack weights and visibility regulations.

AVAILABLE AREA

Tanktop: Ho1: 211 m² / Ho2: 704 m²
Ho3: 736 m² / Ho4: 312 m²
Tweendeck: Ho1: 312 m² / Ho2: 736 m²
Ho3: 736 m² / Ho4: 442 m²
Deck: Ho1: 379 m² / Ho2: 786 m²
Ho3: 781 m² / Ho4: 491 m²
Total: 6,626 m²

HOLD PARTICULARS

Holds/hatches: 4/4, boxshaped, openhatch
Hatch cover: electro-hydraulic driven end-folding type
Hold ventilation: 6 air changes per hour
GRAIN CAPACITY: **30,239.5 cbm total (without td)**
Hold No. 1: 4,638.3 cbm
Hold No. 2: 9,957.3 cbm
Hold No. 3: 10,040.1 cbm
Hold No. 4: 5,603.8 cbm
BALE CAPACITY: **27,720.6 cbm total (with td)**
Hold No. 1: 4,328 cbm
Hold No. 2: 9,107.8 cbm
Hold No. 3: 9,190.6 cbm
Hold No. 4: 5,094.2 cbm
HATCH DIMENSIONS (L x B):
Hold No. 1: 20.5 x 18.5 m
Hold No. 2 and 3: 33.6 x 23.4 m
Hold No. 4: 19.2 x 23.0 m
TWEENDECK DIMENSIONS (L x B):
Hold No. 1: 12.8+6.4 x 12.7+5.4 m
Hold No. 2: 32 x 23 m
Hold No. 3: 32 x 23 m
Hold No. 4: 19,2 x 23 m
TANKTOP DIMENSIONS (L x B):
Hold No. 1: 12.8+6.4 x 7.7+5/5.4 m
Hold No. 2: 32 x 23 m
Hold No. 3: 32 x 23 m
Hold No. 4: 12.8+6.4 x 12.7+5/5.4 m

MACHINERY

Speed/consumption: laden: abt 13 kn on abt. 25 mts at sea
ballast: abt 13.5 kn on abt 25 mts at sea
eco: laden abt 12 kn on abt 21 mts at sea
Port consumption: abt. fo 4.5 mts (idle)
abt. fo 5.5 mts (working)
Main engine: MAN B&W 6S50MC

MCR: 9,960 kW at 127 rpm,
using IFO 380 CST
Auxiliary engines: 3 x 620 kW
Bow thruster: 700 KW
Propeller: 1 fixed pitch propeller
Fuel grades: VLSFO 0,5 % 380 RMG /
ISO 8217:2017
MGO DMA 0,1 % /
ISO 8217:2017

Speed/consumption figures are "about" and calculated basis max Beaufort 3 / DSS 3, no adverse current, even keel and max seawater temperature of 26 °C.

TANK CAPACITIES

Fuel Oil: 1491.1 m³ @ 98%
Diesel Oil: 106.7 m³ @ 98%
Fresh water: 242.5 mts
Ballast water: 9,356.6 m³

No mixing of bunkers allowed.

All details are given "about", wog and in good faith.

