

MSM DOURO



SHIP PARTICULARS

MAIN PARTICULARS

Type: _____ Multipurpose Double Hull
 _____ box-shaped Mini Bulker, Ice class
 Yard: _____ Rongcheng Shipyard
 Built: _____ 2012
 Flag: _____ Cyprus
 Port of registry: _____ Limassol
 IMO No: _____ 9519028
 Call sign: _____ 5BNJ3
 Class: _____ DNV GL
 P&I: _____ West of England

CONTACT

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GENERAL DIMENSIONS

Deadweight summer: 5,732 mt
Lightweight: 2,578 mt
Length o.a.: 108.40 m
Length b.p.: 102.98 m
Breadth max.: 15.20 m
 15.63 m over Fender
Depth to maindeck: 7.90 m
Draft summer: 5.88 m
GT: 4,358
NT: 2,525
Timber fitted: YES
Suez Canal fitted: YES
Panama Canal fitted: YES
St. Lawrence fitted: Adaptable
Bowthruster: YES
Cement hole fitted: YES (900 mm Diam.)
Stern anchor fitted: YES
Airdraft (geared): 27.50 m
Crew Complement: 11
Classification: 100 A5 E2
 Multipurpose dry cargo ship, Equipped for carriage of containers DBC SOLAS-II-2, Reg. 19 IW, Strengthened for heavy cargo MC E2 AUT CM-PS EP-D

GEAR

Crane 1 (Holds 1&2): SWL 45 mt x 18 m
 at 17 m outreach
Crane 2 (Hold 2): SWL 45 mt x 18 m
 at 17 m outreach
Crane 1&2 combined (Hold 2): SWL 90 mt
 at 12 m outreach

ADMISSABLE LOAD

Tanktop: 15 mt/m²
 60 mt/60 mt (Teu/Feu)
Tweendeck: 2.4 mts/m²
Hatch Cover no 1&2: 2.2 mts/m²
 61 mt/61 mt (Teu/Feu)

HATCHES

Hatch no. 1: 5 pontoons
Hatch no. 2: 7 pontoons
 Moved by electric driven gantry crane from MacGREGOR.

TWEEDECK

Tweendeck: Partial td of 18,4 m length
Movable bulkheads: 2 full bulkheads
 2 panels for each b/h = 4 in total
 Erection possible in 3 different positions in hold no 2 and 2 positions in hold no 1.
 The 4 bulkhead panels can be placed as tweendeck of 18,4 m length at any position in hold no 2 or hold no 1.

HOLD PARTICULARS

Cargo Holds: 2 (with full tweendeck positions in both holds)
Hold No 1: 29.25 m x 12.65 m/10.1 m x 9.2 m
Hold No 2: 45.75 m x 12.65 m x 9.2 m
Grain capacity: abt 301,000 cbf, excluding bulk heads
Container capacity: Total 243 TEU
 (159 TEU in hold and 84 TEU on deck)
 Loose lashing materials for containers as per inventory list.
Clear height: 5.64 m from tanktop
 3.17 m from td to underneath hatch cover
Hold ventilation: 6 air changes per hour (mechanically)

MACHINERY

Main engine: YANMAR Model 6EY26
Power: 1,990 kW at 750 rpm
Grade fuel used: gasoil
Auxiliary engine: HND (Deutz MWM) license TBD 234V8
Number: 3
Power: 249 kW each
Grade fuel used: gasoil
Generator: 230 kW, 400V, 50Hz, 1,500 rpm
Shaft generator: 350 kW, 400V, 50Hz, 1,500 rpm
Bowthruster: Kawasaki, 300kW
Speed/consumption: laden/ballast:
 abt. 8 knots on about 7 mts MGO outside SECA
 abt. 8 knots on about 7 mts MGO LS within SECA

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Speed and consumption figures are „about“ and calculated basis max Beaufort 2/DSS 2.
 In port, vessel to consume abt 0,8 mts MGO idle, abt 1,6 mts with gear working.

TANK CAPACITIES

FO: 255,75 cbm (at 100%)
MGO: 63,41 cbm (at 100%)
Fresh water: 70,71 cbm (at 100%)
Ballast water: 2.046,64 cbm (at 100%)
Cargo hold bilge water tank: 60.96 cbm (at 100%)

NAVIGATION/COMMUNICATION EQUIPMENT

2 ARPA radars, LRIT, ECDIS, Anemometer & Anemoscope, Gyro compass & autopilot river/sea also, GMDSS A3, connected to magnetic compass, MF/HF transmitter/receiver, Doppler speed log, 2 VHF radiotelephones, Echosounder, 3 portable VHF, GPS receiver, Inmarsat Fleet Broad Band 250 + C, DGSP receiver, Fax, Navtex receiver, KVH V-Sat, AIS, Chartco receiver, SSAS, Chartco metmanager receiver

All details are given “about” and in good faith.

