



53.000 DWT "DIAMOND TYPE"

MAIN PARTICULARS:

Loa/beam/depth moulded/LBP: 190.0/32,26/17.5/183.05m
Summer deadweight/draft/TPC/TPI: 53716mt/12.62m//57.3
Winter deadweight/draft: 52211mt/12.357m
Tropical deadweight/draft: 55225mt/12.883m
International gross/net: 32638/18070
Suez net/Panama net: 29730.52/18070
Constants excl. freshwater: abt 400mt
Freshwater capacity: 247.8cbm (100%)
DWAT Panama (dead weight all told): GT/NT(32557/18070)
Confirm vsl holding dual load line: Yes
Lightweight: 11379.1

CARGO SPACE/HATCHES:

Number of holds/hatches: 5/5
Grain/bale cap each hold (including hatch) in CBM:
No 1: 12438/12265 M3
No 2: 13395/13136 M3
No 3: 13397/13138 M3
No 4: 13395/13136 M3
No 5: 13320/13147 M3
Total 65945 cbm / 64822 cbm
Corruations vertical or horizontal: Vertical with upper and lower stool
Natural or mechanical ventilation in holds: Natural
Holds are CO2 fitted: Yes
Strengthened for carriage of heavy cargoes in alternate holds: Yes
If yes, which holds may be left empty: Holds 2 and 4 or 3
Is vsl grain fitted in accordance with SOLAS 1974 and/or later amendments
without requiring bagging/strapping/securing when fully laden with grain:
Yes, in accordance with CIMO Resolution MSC. 23(59) The International
Grain Code
Number of holds that may be left slack without requiring
bagging/strapping/securing: Holds 2,3,4 sub stability
Type of hatchcovers: TTS folding type with flat top
Confirm hatches are fitted with permanent cement holes: Yes
If yes pls advise number, dimensions and location each hatch: 2pcs/hold, diameter
890mm,Left fwd and Stbd aft of each hold.
Is the vsl log fitted: The vsl is suitable for loading timber
Confirm whether vsl fitted W.W.F (Australian hold ladders): Yes (AMSA
Marine Part 32 Cargo handling Equipment 1999)

A Length/beam of each tanktop Length/Beam

No 1. 29.6m / B 25.6(aft) / B 9.2(fwd)
No 2. 26.4m / 25.6m
No 3. 26.4m / 25.6m
No 4. 26.4m / 25.6m
No 5. 29.6m / B 7.2(aft) / B 25.6(fwd)

B Length/beam of each hatch Length/Beam

No 1. 19.2m / 20.8m
No 2. 21.6m / 22.4m
No 3. 21.6m / 22.4m
No 4. 21.6m / 22.4m
No 5. 21.6m / 22.4m

C Strength of hatch covers: abt 2.5 mt/m³

D Strength of tanktops: 25ts/m² for hold 1-5

E Strength of deck: 4.5 mt/m³

F Distance keel to highest point on vessel: 45.6m

G Distance fwd hatchcoaming 1st hatch-aft
hatchcoaming last hatch: 16.25m / 33.6m

H Distance from railing to hatchcoaming each side: 4.4m

I Waterline to top of hatchcoaming in heavy ballast condition (no.3 full
in ballast):

A. No.1 Hatch 11.35m
B. No.2 Hatch 11.35m
C. No.3 Hatch 11.05m
D. No.4 Hatch 10.74m
E. No.5 Hatch 10.45m

Number/type of hold cleaning equipment:

CRANES AND GRABS:

Number/make/type of cranes: 4 /IHI H360200-280B

State whether cranes are single, double or four ropes: Single

Maximum lifting cap per crane: 36 MT (hook ops) 28 mt (grab ops)

Maximum combined lifting cap for 2 cranes: N/A

State crane jib length: 29.92m

Pedestal height (above main deck): 9.6m

Hoisting speed empty: 60 m/min

Hoisting speed laden: 22 m/min

Lowering speed: 20 m/min

Slewing speed: 0.8 rpm

If available, Luffing speed: 60 seconds(Luffing TIME)

Maximum crane radius: 28m

Minimum crane radius: 4.5m

Grabs or hooks: Grab

Maximum outreach from ship's side: 11,87M

Distance from keel to underneath grab (min.): 30.6m

Distance from keel to underneath grab (max.): 35m

Distance from tanktop to hatch coaming: 17.8m

Distance from keel to hatch coaming: 19.6m
Distance from keel to top of hatch cover: 20.2m
Distance from keel to deck level: 17.5m
Breadth extreme: 32,26
Overhang in holds:
Draft heavy ballasted forward/aft: F. 7.99m / A. 9.93m
Number/make/type of grabs: 4 / SMAG, Salzgitter MASCHINENBAU/MZGL 13000-6-B-S MOTORGRAB
State empty weight of grabs: 9.025 MT
Maximum payload of grabs: 15,0ts (6-13 CBM)
Opening time of grabs: 7 sec.
Closing maximum payload of grabs: 10-15 sec.
Cubic capacity of grabs basis 'water':
Cubic capacity of grabs basis 'heaped 30 degrees': 6-13 M3
Can cubic cap be reduced by removing flaps/plates: Yes
Height of grab closed (see ill. below): 4.365m
Height of grab open: 3.895m
Length of grab closed: 3.42m
Length of grab open: 3.975m
Breadth: 3.274m

BALLAST SYSTEM:

Ballast capacity without flooding hold(s): 18127.9 cbm
Which hold(s) may be flooded: Hold No. 3
Ballast capacity with hold(s) flooded: 31524.9 cbm, Hold No.3 (100%)
Number / capacity of ballast pumps: 800cbm/h x 2 pumps = 1600 cbm/h
Time required to deballast without hold(s) flooded, and with hold(s) flooded: 11.5HRS/20.0HRS
Draft heavy ballasted forward/aft: F. 7.99m / A. 9.93m

ENGINE ROOM:

Make/type/BHP of main engine/: MAN B&W 6S50MC-C
fuel specification: IFO 380 CST / 50°C
Number/make/type/KWH of auxiliary engines and fuel specification: 3 sets/Anqing-Daihatsu/6DK-20/770KW
Number/type of fuel separators: 2 sets FO Separator TYPE OSD35-0136-067 / 2 sets LO Separator TYPE OSD6-91-067
Are fuel separators operated in series or parallel: Parallel
State whether one/more spot sample(s) is/are taken during fuel bunkering or continuous drip samples are taken throughout such operations: Continuous drip samples are taken
Also state if vessel participates in Lloyds/DnV fuel testing programs: No, Vsl participates on testing thru Guardian Marine Testing
IFO and MDO capacity in MT: IFO 2003.8cbm @ 100% cap / MDO 206.8 cbm @ 100% cap
State whether fuel is tested onboard during bunkering: NO

Speed and Consumption (at Sea passage)

Ballast Condition M/E + A/E

118.0 RPM @ 14.6 Knots---- abt. 33.0 mt + abt.2.8 mt ifo / 0.1 mt mgo (basis 1 A/E in ops)
112.8 RPM @ 13.8 Knots ----abt. 29.2 mt + abt. 2.8 mt ifo / 0.1 mt mgo
108.0 RPM @ 13.0 Knots ---- abt. 25.6 mt+ abt. 2.8 mt ifo / 0.1 mt mgo
104.1 RPM @ 12.4 Knots ---- abt. 23.4 mt + abt. 2.8 mt ifo / 0.1 mt mgo
97.0 RPM @ 11.3 Knots ---- abt. 19.3 mt + abt. 2.8 mt ifo / 0.1 mt mgo

Laden Condition M/E + A/E

118.0 RPM @ 14.2 Knots---- abt. 33.8 mt + abt. 2.8 mt ifo / 0.1 mt mgo (basis 1 A/E in ops)
115.4 RPM @ 13.8 Knots ---- abt. 32.2 mt + abt. 2.8 mt ifo / 0.1 mt mgo
110.1 RPM @ 13.0 Knots ---- abt. 27.6 mt + abt. 2.8 mt ifo / 0.1 mt mgo
104.1 RPM @ 12.0 Knots ---- abt. 23.4 mt + abt. 2.8 mt ifo / 0.1 mt mgo
97.0 RPM @ 11.0 Knots ---- abt. 19.9 mt + abt. 2.8 mt ifo / 0.1 mt mgo

Daily Consumption : A/E + Boiler (At anchorage or at berth)

Idle : abt. 3.5 mt ifo / 0.1 mt mgo
Working with ship's cranes: abt. 5.5 MT ifo / 0.1 mt mgo

All speed and consumption figures are average figures during c/p period.
All speed and all consumption figures are to be considered as "about". At sea performance figures are considered to be from sea buoy to sea buoy in moderate weather upto/including Beaufort 4., Douglas sea state 3 (1,25m), not in adverse current and no negative influence of swell.

Marpol Annex VI Clause to be incorporated in c/p.

All details about- Without Guarantee
For Time Charter Description contact our Chartering Department
Contact: Tel: +49 4086667546 / email: bulk@vega-reederei.de