

m.v. Deo Volente
heavy lift vessel

Hartman Seatrade



Fast and versatile

Registration
Ships name Deo Volente
Owner Hartman Seatrade
Call sign P.H.F.J.
IMO number 9391658
MMSI number 246518000
Owners Hartman Seatrade
Port of registry Urk
Flagstate The Netherlands
Shipyard Hartman Marine BV
Date of delivery January 2007
Class notation Bureau Veritas
I ✕HULL ✕MACH ✕AUT-UMS
General Cargo Ship
Heavy Cargo (147 kN/m²)
Unrestricted Navigation

Tonnage
Displacement 5486 tonnes
Deadweight 3450 tdw.
Gross tonnage 2981 GT
Netto tonnage 1198 NT

Ships dimensions
Length over all 105,0 mtr.
Length between p.p. 94,4 mtr.
Breadth moulded 15,6 mtr.
Summer draught 5,81 mtr.
Depth moulded 7,40 mtr.
Keel to top mast 26,5 mtr.

Hold/hatches sizes
Number of holds 1 (See note 1)
Hold capacity 4396 cbm./ 155243 cbft.
Upper hold length 63,6 mtr.
Lower hold length 31,5 mtr.
Upper hold breadth 11,5 mtr.
Lower hold breadth 11,0 mtr.
Hold height 8,15 mtr. (See note 2)
Upper hold height 4,63 mtr.
Lower hold height 3,50 mtr.
Hold floor surface 1039 m²
Deck length 78.5 mtr.
Deck breadth 15.5 mtr.
Deck floor surface 754 m²

Notes:
1. Grain fitted
2. Cargo hold prepared for
reels up to Ø 8,5 mtr.

Load distribution
Tanktop upper hold 12 mt./m²
Tanktop lower hold 15 mt./m²
Tweendeck 3,25 mt./m²
Tweendecks each 154 mt./cover
Hatchcovers 3,4 mt./m²
Hatchcovers each 249 mt./cover

Container capacity
Hold capacity 73 teu.
Deck capacity 163 teu.
Total 236 teu.

Hatchcovers/tweendecks
Type of hatchcovers 10 pontoon type
Tweendecks 6 pontoon type
Bulkheads 2 removable

Propulsion/Manoeuvring
Main Engine Wärtsilä 8L32
Power 2998 kW
Bow thruster 290 kW
Rudder Balance rudder
Service speed (loaded) 17 knots
Service speed (ballast) 18 knots
Fuel consumption 16 mt./day (HFO 380)

Bunker/ballast capacity
Heavy fuel oil 408 m³
Marine gas oil 84 m³
Lubricating oil 15 m³
Fresh water 49 m³
Ballast water 2595 m³

Cargo gear
Cranes Liebherr 2 x 120 mt. WLL
Type CBB 120(81)-16(24)
Outreach/loads 120 mt./ 3,5-16 mtr.
100 mt./ 16-20 mtr.
80 mt./ 20-24 mtr.
Tandem load 240 mt. (max.)