

m.v. Deo Volente
Mini heavy lift vessel

Hartman Seatrade



Fast and versatile

Registration
Ships name Deo Volente
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
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 *
Upper hold height 4,63 mtr
Lower hold height 3,00 mtr **
Hold floor surface 1039 m²
Deck length 63,9 mtr
Deck breadth 11,8 mtr
Deck floor surface 754 m²

* Hold prepared for cable reels up to Ø 8,5 mtr
** Without tweendecks: 3,5 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 hatches
Tweendeck covers 6 removable pontoons
Bulkheads 2 removable bulkheads

Propulsion/Manoeuvring
Main Engine Wärtsilä 8L32
Power 2998 kW
Bow thruster 290 kW
Rudder Ballance rudder
Service speed (loaded) 17 knots
Service speed (ballast) 18 knots
Fuel consumption 15 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.)