



DÜZGİT GROUP DS VENTURE LTD



M/T "DÜZGİT VENTURE" 3150 DWT

IMO II CHEMICAL / OIL TANKER

Vessel Particulars

Classification	BV – IMO II, AVM - DPS
Built	2009
Builder or Shipyard	Düzgıt
Flag	Malta
Port of Registry	Valletta
IMO Nr. / Call Sign	9445368 – 9HA2020
Speed	12.5 Knots
Economic Speed	11.0 Knots
Cons. (1) (%85 MCR)	9.50 t/day ifo 380cst
Cons. (2)	7.00 t/day ifo 380cst
Hose Crane Capacity	SWL 5 mt at 13 mts
Main Engine	2 x ABC 6MDZC/1000 kW
Main Generators	3 x LINDENBERG 325 kWe 1800 RPM
Emergency Generators	1 x LINDENBERG 99 kWe 1800 RPM
Propulsion System	2 x SRP 1012 FP Schöttel Rudderpropeller
Bow Thruster	300 kW Schöttel STT 170 FP Electrical Driven
Cargo pumps	10 x 200 cbm/h Elec-Driven Deepwell Pumps 2 x 50 cbm/h Elec-Driven Deepwell Pumps 1 x 70 cbm/h Hyd-Driven Portable Pump
Total loading cap.	1100 cbm/h
Discharging cap.	800 cbm/h
Sternline	YES DN 250
Boilers	2 x 800 kW Ther Oil HTI-GESAB 1 x 500 kW Economiser
Steam generator	1 x 500 kg/h
Nitrogen Plant	1 x 500 cbm/h

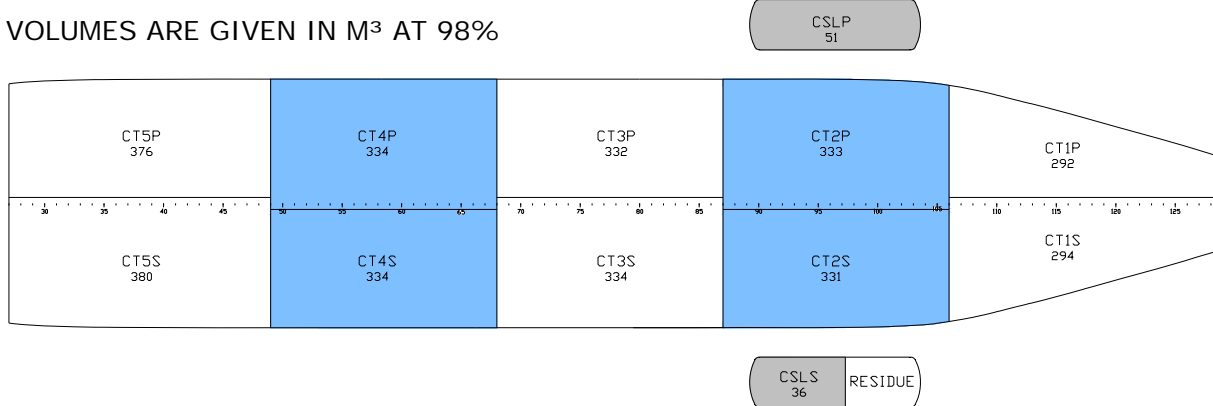
Main Dimensions

Deadweight	3,165 mts
Lightweight	1,429 mts
Length (OA)	89.74 m
Length (BP)	84.11 m
Breadth	12.50 m
Draught (SW)	5.13 m
Air draft (with folded masts)	15,0 mts
Ballast Capacity	1,358 m ³
Cargo Capacity inc. Slops	3428 m ³
Cargo Capacity (at 98%)	3341 m ³
Gross Tonnage	2166
Net Tonnage	949
Integrated cargo tanks	10 cargo
Deck cargo tanks	2 slop
Segregations for cargo lines	5 (CT) + 1 (SP)

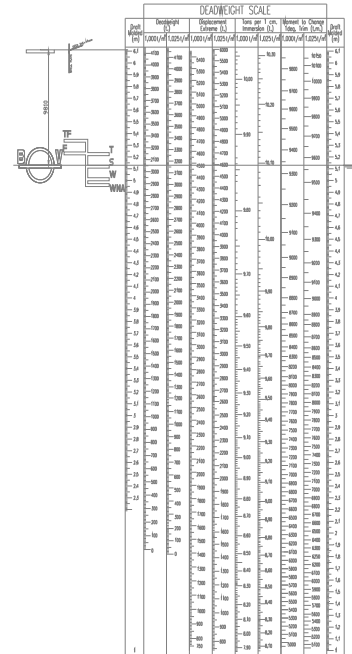
Owner	DS Venture Ltd (Malta)
Deliveries	JAN - 2009

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ALL VOLUMES ARE GIVEN IN M³ AT 98%



Cargo Tanks						
Tank no	m3 98%	Lining	Pump Capacity	Max SG	IMO	Max Heat Capacity
CT1P	292	Marine Line	200 m ³ /h	1.35	2	80 deg C
CT1S	294	Marine Line	200 m ³ /h	1.35	2	80 deg C
CT2P	333	Marine Line	200 m ³ /h	1.35	2	80 deg C
CT2S	331	Marine Line	200 m ³ /h	1.35	2	80 deg C
CT3P	332	Marine Line	200 m ³ /h	1.35	2	80 deg C
CT3S	334	Marine Line	200 m ³ /h	1.35	2	80 deg C
CT4P	334	Marine Line	200 m ³ /h	1.35	2	80 deg C
CT4S	334	Marine Line	200 m ³ /h	1.35	2	80 deg C
CT5P	376	Marine Line	200 m ³ /h	1.35	2	80 deg C
CT5S	380	Marine Line	200 m ³ /h	1.35	2	80 deg C
CSLP	51	Marine Line	50 m ³ /h	1.35	2	80 deg C
CSLS	36	Marine Line	50 m ³ /h	1.35	2	80 deg C
Total	3428	Marine Line				
RESIDUE	15	Marine Line	10 m ³ /h	1.54	2	80 deg C



Manifold

Distance Bow-Center manifold	: 41.00 m
Distance Stern-Center manifold	: 48.60 m
Inboard from ships side	: 2.90 m
Height above deck	: 2.45 m
Height above waterline (loaded)	: 3.60 m
Height above waterline (in ballast)	: 5.25 m
Highest allowable pressure	: 16 bar
Manifold flanges	: 3"-6"-10" ANSI
Segregation for Cargo Lines	: 5 (CT) + 1 (SLP)

Nitrogen

Nitrogen plant producing 500 Nm³/h

Cargo Pumps

MarFlex electrically driven deepwell pumps in all cargo tanks. Pumping rate is each 200m³/h 110 mlc. Sp. Gravity: 1,0 Viscosity : 1,0 cst

Cargo Rating

Total discharging rate 800 m³/h
Total loading rate 1100 m³/h

Cargo Heating

316L Stainless steel heating coils (Single Loop)

Ballast System

Elec. driven centrifugal pumps
2 x 200m³/h = 400m³/h



DÜZGİT GROUP

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