

VESSEL PARTICULARS

GENERAL

Vessel Name : **MV. LORETO**
Official Number : 2009 Pst No. 5929/L
Call Sign : PNDO
Nationality : Indonesian
Port of registry : Jakarta
IMO Number : 9197222
DNV I.D. Number : 20228

Shipbuilder : Tsuneishi Shipbuilding Co.Ltd.: Hull No. 1134
Keel Laid : 06th November 1998
Launched : 18th December 1998
Delivered : 24th March 1999
Type of Ship : Flush Deck with Forecastle
Kind of Ship : Bulk Carrier
Class : BKI & BV +A1 Bulk Carrier ESP (HC/E)

Owner : Holds 2.4 empty, Grain (U), E0
: PT.Pelita Bara Samudera, Menara Anugerah, 5th Flr, Kantor Taman Jl.
Mega Kuningam Lot 8.6 & 8.7 Kawasan Mega Kuningan, Jakarta 12950
Commercial Operator : PT.Pelita Bara Samudera.
Manager : Anglo Eastern Maritime Services Pte, Ltd (Singapore) /IMO Company 5614632
P & I Club : The North England P&I Association Limited.

VESSEL'S COMMUNICATION DETAILS :

SAT-C (telex) 1 : 452 502 826
SAT-C (telex) 2 : 452 502 888
INM FBB (Phone) : +870 7731 62802 / FBB 150 Phone + 870 7732 49683
INM FBB (Fax) : +870 7831 63465
MMSI : 525 014 055
AAIC : IA14
Email : master.Loreto@SkyFile.com

DIMENSIONS

Length (O.A) : **185.74 m (609.38 ft)**
Length (p.p) : 177.00 m (580.71 ft)
Length (Registered) : 178.083 m (584.26 ft)
Breadth (mld.) : **30.40 m (99.74 ft)**
Depth (mld) : 16.50 m (54.13 ft)
Dist. Bow to Bridge : 158.02 m (518.44 ft)
Dist. Stern to Bridge : 27.72 m (90.94 ft)
Light weight : 7836 MT
Summer Deadweight : 45.303 MT Tropical Deadweight : 46.512 MT
Summer Displacement (ext) : 53.139 MT Tropical Displacement : 54.348 MT
Summer Draft (ext) : 11.620 m (38'1.5") Tropical Draft : 11.862 m
Fresh Water Allowance : 267 mm
Ton Per Cm Immersion : 45.9 (ballast condition) 49.2 (load condition)
Int. Gross Tonnage : 26.029 MT
Int. Net Tonnage : 15.225 MT
Suez Gross Tonnage : 26.667.63 MT
Suez Net Tonnage : 23.721.5 MT
Panama Net Tonnage : 21.648 MT
Panama Canal SIN : 0808245
Ht. of SAT-C ant. abv. Keel : 46.41 m (152.26 ft)
Ht. of Hatch top abv. Keel : 19.37 (63.55 ft)

PROPULSION & AUX . MACHINE

Main Engine	MITSUI MAN – B&W 6 S 50 MC (Mark 5) x 1 set
M.C.O	1300 PS (8311 KW) X 126 rpm
C.S.O (85 % M.C.O)	9600 PS (7060 KW) x 119 rpm
Sea Speed	14.5 Knots
Aux Engines	YANMAR Diesel Engine Co. Ltd, Model 6N I8AI SN 1 set, Controllable pitch type, 4 bladed, 920 KW

CARGO GEAR ARRANGEMENT :

Deck Cranes	TSUJI Heavy Industries Co.Ltd,4 nos x SWL 25 M. Tons Electric driven, 4 rope type.
Grabs	Mechanical type, 4 nos x SWL 15 M. Tons capacity. Self-weight 10 M Tons each.

HATCH HOLD GRAIN CAPACITIES

Hold 1 capacity (grain)	10361.6 cbm (365920 cft) includ. Hatch coaming
Hold 2 capacity (grain)	12199.4 cbm (430822 cft) includ. Hatch coaming
Hold 3 capacity (grain)	11731.1 cbm (414284 cft) includ. Hatch coaming
Hold 4 capacity (grain)	12193.8 cbm (430624 cft) includ. Hatch coaming
Hold 5 capacity (grain)	10722.5 cbm (378665 cft) includ. Hatch coaming
Total hold capacity (grain)	57208.4 cbm (2020315 cft) includ .Hatch coaming
Hold load allowable (t / cbm)	0.895 (homo load) 1.44 (alternate load)
Permissible load density	13.73 t/sq.m (homo) 22.09 t/sq.m (alternate)

Ballast Tank	Type	Capacities (cbm)	Weight(mt),SG. 1.025
Fore Peak	Peak tank	1754.7	1799
NO.1 WBT P/S	TST + DB	$(411.5 + 725.0) = 1136.5 \times 2 = 2273.0$	2330
NO.2 WBT P/S	TST + DB	$(605.6 + 908.9) = 1514.5 \times 2 = 3029.0$	3105
NO.3 WBT P/S	TST + DB	$(564.1 + 464.6) = 1028.7 \times 2 = 2057.4$	2109
NO.4 WBT P/S	TST + DB	$(622.2 + 579.5) = 1201.7 \times 2 = 2403.4$	2463
NO.5 WBT P/S	TST + DB	$(573.4 + 782.6) = 1356.0 \times 2 = 2712.0$	2780
Aft Peak	Peak tank	402.2	412
Total		14631.7	14998

No.3 Hold (heavy weather ballast)	= 11769.0 cbm
Total ballast capacity	= 14631.7 cbm (not incl No.3 hold)
Total ballast capacity	= 26400.7 cbm (incl No.3 hold ballasted)
% of loaded displacement	= 28 % (excl No.3 hold) 50.9 % (incl No.3 hold)
Total fresh water capacity	= 390 MT .
Total fuel oil capacity	= 1703.8 cbm (100 %) 1635.6 cbm (96 %)
Total diesel oil capacity	= 102.6 cbm (100 %) 99.2 cbm (96 %)

TANK TOP DIMENSIONS AREA

Hold	Flat tank top dimensions (metres)	Area (sq.mtr)
No. 1	L27 x W[11.2(Fwd) – 20(Mid) – 24(Aft)] Meters	507
No. 2 / No. 3 / No.4	L27.2 x W 24 Meters	652
No.5	L26.2 x W [24 (Fwd) – 9.6 (Aft)] Meters	440

FREEBOARD MARKS AND CORRESPONDING DEADWEIGHTS

Mark	Freeboard (m)	Draft (m)	Full Displ (MT)	Deadweight
Tropical Fresh TF	4.408	12.129	54328	46492
Fresh F	4.650	11.887	53144	45308
Tropical T	4.675	11.862	54348	46512
Summer S	4.917	11.620	53139	45303
Winter W	5.159	11.378	51935	44099