



PT. WARUNA NUSA SENTANA

SHIP'S PARTICULARS MT. NARIVA

Keel Laid 20th November 1977 **Launched** 16th February 1998 **Delivered** 27th July 1998
Built Minami Nippon Shipbuilding Co, Hull No M-649
Owner PT. Waruna Nusa Sentana
Operators PT. Waruna Nusa Sentana

Flag Indonesia **Lloyds/IMO No.** 9172715 **Official No.** 1984303
Class NKK NS* (OIL TANKER)
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GRT	20573	NRT	7644	Light Weight	7937		
Suez GRT	21431.66	Suez NRT	18227.78	Panama NT	7644		
Paralel SDWT	88.40 M	Parallel Ball	79.20 M	Parallel L/S	77.60 M	Keel/Mast	42.95
Lenght OA	175 M	LBP	167.07	Beam	27.73 M	Dept Mould	16.00

Loadline	DWT/MT	Displ	Draft	Freeb'd	TPC	FWA	
Tropical	31,842	39779	10.224 M	5.806 M			
Summer	30,977	38,914	10.016 M	6.014	41.4	235mm	
Winter	30,144	38,051	9.808 M				
Bow/man	88.65 m	Bow/Bridge	138.35 m	Bridge/Aft	36.65 m	Bridge/Man	49.7 m
Manifold	7 x 10"	Man/Deck	2.09 m	Man/Tray	0.90 m	Man/Side	4.40 m

Anchor 2 x 7.35 m Stockless with 11 shackles of 66mm cable in each cable
Windlass 2 of 21m x 9m / min **Winches** 5(HD2,WH1)+2 (HD1,WH1) of 11m x 15m/ min Brakes 35 m
Mooring 16pcs 64 mm synthetic fibre
ETA (FWD) TK40f Chaving Chain 8 m x 76 mm (AFT) TK20A Towing Pennant 75m x 56mm
Hose Crane Electro Hydraulic SWL 10mt **Store Crane** Electric Motor SWL 2mt

Main Engine Mitsubihl 6UEC52LS 10.800HP, MCR 7943 Kw X 120 RPM, NCR 6752 Kw x 113.7
Propeller Fixed Right handed
Aux Eng 4 x Yanmar T240L-ST 720 Kw
Em D/Alt 1 x Mitsui Deutz 197 Kw
Cargo Pump 14 x 300 m³/Hr @100m **Em Cargo Pp** 1 x 70 m³/Hr @70m **Ballast Pp** 2 x 500 m³/Hr @30m
Max Load Rate 3.000/hr
IG Flue Gas Generator 3000/hr @4,8% O²
Fire Pump 2 x 98 m³/hr @ 65m **Foam Pump** 300 m³/hr @ 20m Em Fire Pp 72 m³/hr @ 65m
Tank CI Pp 1 x 120 m³/hr @ 110m **TK CI Machine** 16 m³/hr @ 0.1 Mpa, cycle 15 min, nozzle 8mm

Capacities

Cargo 14 tanks total 36905.52 M³ (98%)
Ballast 12 Tanks = 14885.14 M³ (100%) = 15257.27 MT
Bunker 3 tanks = 1927.44 M³ (90%)
MDO 2 tanks = 147.29 M³ (100%)
Fr Water 2 tanks = 481.86mt T/C Tks =2 tanks = 570.02