



SPECIFICATION'S

NAME :

M.V. SHIVALI-II

PRINCIPAL PARTICULARS:

LOA : 29.00 Meter
Length Waterline : 27.70 Meter
Beam moulded : 9.00 Meter
Depth : 4.25 Meter
Draft (Max) : 3.90 Meter
Built : 1999, China, JIANGDU SHIP YARD, china
GRT/ NRT : 247/74
Class : IR CLASS
Flag : INDIAN
Port of Registry : MUMBAI
Official No : 3445
Call Sign : AUVE
IMO No : 9207297
MMSI No : 419075800
Type of Vessel : Towing Vessel- Coastal
Keel Laid : OCT-1997
Dead Weight : 184
Draft (Designed) : 3.50
LBP : 26.50

PERFORMANCE:

Maximum Speed: 11 Knots
Economical speed: 9 Knots
Type of Fuel : HSD
Fuel Consumption: 3.5 KL/24 hrs @ Towing &
3 KL/24 hrs @ Single
Bollard Pull : 25 Tons

CAPACITIES:

Dead weight : 180 MT
Fuel Oil : 140 KL
Fresh Water : 35 KL
Ballast Water : 25 KL

PROPULSION :

Main Engine : 2 x 736 kw (1,000 BHP) @ 1650 rpm
Wartsila SACM UD25 V12M5D
Generators: 2 x 135 KW @ 1500 rpm Detroit Diesel
DD-71MC c/w Leroy Somer LSAM 441 L8L
rated at 85 kw 415V/3 ph/50 Hz
Emergency Generator NIL
Bow Thruster: NIL
Stern Thruster: NIL
Steering Gear : 2 x Palmarine; 35 degree; 3-Tm
Propulsion: 2 x FPP type in Kort Nozzles
Rudders: 2 x spade rudders



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DECK EQUIPMENTS :

Anchor Windlass :	1 x electro-hydraulic P2888/9-HAW/GG-19
Drum :	NIL
Gypsy :	Suit for 19 mm Ø Grade U2 chains rated pull 2.5 mt @ 10 m/min
Warping Drum :	330 mm Ø x 300 mm (L) rated pull 25 mt @ 10 m/min
Bow Anchors :	2 x 490 kg stockless anchors
Chains :	275 m x 19 mm Ø Grade U2 (each side)
Capstan :	NIL
Tugger Winch :	NIL

TOWIING WINCH :

	1 x electro-hydraulic double drum, Plimsoll P2888/9-HTW/Wf-5T
Upper Drum cap :	1 x 300 m (L) x 80 mm Ø SWR
Lower Drum cap :	1 x 700 m (L) x 40 mm Ø SWR
Line Pull :	5 mt @ 10 m/min @ 1st layer
Stall Pull :	5 mt @ first layer
Brake capacity :	50 mt static, Remote control from wheelhouse
Gypsies :	NIL
Warping Drums :	NIL

ACCOMODATION:

Crew :	2 x 1 berth 2 x 4 berth
	All cabins + Engine Control Room fully air-conditioned

RADIO & NAVIGATION EQUIPMENT:

SSB :	M910 MF/HF Marine Transceiver
FBB :	Satellite Phone & Email Services
VHF Radio :	Sailor RT 5022
Navtex Receiver :	NX 700 Furuno
SART :	Rsecuer, Sart
EPIRB :	Mc Murdo, 406 MHZ
GMDSS Radio :	Saracom-TW-50 Qty - 1 No.
Radar :	Furuno 1941 Mk II
Echo Sounder :	CVS- 118 MK-2 Coden
DGPS :	152 Garmin
GMDSS Radio :	Mc Murdo, Marine R-1 Qty – 2
A.I.S	Simrad A-170
Magnetic Compass	Saura MR150
Watchkeeping Receiver :	Sailor R501
Weather Fax :	Furuno FAX 207
Speed Log :	Walker 2020
Mini M :	Therne and Therne
Motorola Radio:	GP - 328 Qty – 3
Spapeer :	Compass
VHF – Icom :	NHF Marine IC-M59



SPECIFICATION'S

FIRE-FIGHTING EQUIPMENT & ANTI-POLLUTION EQUIPMENT

(EXTERNAL)

FiFi System : NIL

Oil Dispersant System NIL

(INTERNAL)

Emergency Fire Pump : 1 x 30 m³/hr @50m /head;
CCY1-80BZ-55

BA Recharging Comp: NIL

CO2 system in Engine Room: NIL

Fire Detection & Alarm System in living spaces & engine room

MISCELLANEOUS:

Search Lights : 2 x 1000 W, 220V

Flood Lights : 4 x 400 W, 220V

Liferafts : 2 x 10 men SOLAS approved type

Work Boat : 3+1

Oily Water Separator : 1 x 0.5 m³/hr ; Jiangdu Eqpt

Water Maker : NIL

Sewage Treatment Plant : NIL