



VRINDA GROUP

SONA VII

(TUG BOAT)

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PROFILE TUG BOAT SONA VII

1	Ship's Name	:	SONA-VII
2	Flag	:	INDIAN
3	IMO No	:	9750995
4	Port of Registry	:	VISAKHAPATNAM
5	Type of vessel	:	Bollard Pull - Tug
6	Class Notation	:	C * TUG; Unrestricted Navigation
7	Bollard Pull Capacity	:	15 Ton
8	Designed Characteristics	:	Designed for Bollard pull operations and standby, crew change/utility duties for offshore platforms, to recover survivors from the sea, to disperse oil, to deck carry small cargo.
9	Registration	:	Under MS Act 2004 Amendment No.2
10	Classification	:	IRS Classification
11	Vessel plying limits	:	Indian Coastal, Indian oil field, Andaman & Nicobar
12	Registered owner of the vessel	:	VRINDA OFFSHORE LOGISTICS LLP

Main Particulars

13	Year of Built	:	2014
14	Length (LOA)	:	23.90 Mtrs
15	Breadth (MLD)	:	7.31 Mtrs
16	Depth(MLD)	:	3.20 Mtrs
17	Draft	:	2.7 Mtrs
18	GRT	:	138 T
19	NRT	:	42 T
20	Deadweight	:	108 Tons
21	Fuel oil Tank Capacity	:	79 KL



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22	Fresh water Tank capacity	:	26 KL
23	Cruising Speed	:	10 KN
24	Endurance	:	30 Days
Machineries			
25	Main engine Make & Model	:	YANMAR 6AYM-WST
26	Horse Power (HP)	:	2 Nos X 659 BHP = 1318 BHP (970 KW)
27	Main Gensets Make & Model	:	YANMAR 4TNV98-GGE2
28	Main Generator Particulars	:	2 nos X 28 KW & 1 No Harbour Genset 37 KVA
29	Emergency Power supply Batteries	:	24 V X 4 Nos (Charging from all Gensets)
30	GMDSS Batteries	:	24 V X 2 Nos
31	Air-condition System	:	Split AC
32	Electrical Panel Boards	:	Electrical Panels with self-cut-off safety system
33	Anchors & Chain	:	2 x 160 Kg & Chain Dia – 17.5 MM
34	Steering	:	Electro-Hydraulic Steering is Controlled from the Forward & Aft with a Joy Stick, Wheel, and also emergency steering operated directly by hydraulic.
35	Propellers	:	Twin screw, Conventional Fixed pitch without Kort Nozzles
Communication & Navigation Equipment for Unrestricted operations (A1 + A2 + A3)			
36	GMDSS Equipment	:	VHF, ICOM MF/HF with DSC, SAMYUNG MF/HF, FLEET BROADBAND
37	Echo sounder	:	FURUNO – FCV 627
38	Navtex Receiver	:	FURUNO - NX 700
39	Global Position System (GPS)	:	FURUNO GP-32
40	Radar	:	FURUNO 1715
41	GMDSS Walkie Talkie	:	McMurdo – 2 Nos
42	SART	:	McMurdo – 2 Nos
43	EPIRB	:	McMurdo – 1 No
44	AIS	:	SAMYUNG AIS 50N
Life-Saving Appliances			
45	Life Rafts	:	2 Nos X 15 Persons Capacity
46	Internal communication	:	Covered all Accommodation & Machinery Areas
47	Others	:	As per MS Act & Classification rules
Fire Control System			
48	Accommodation Areas & All doors	:	Covered with Fire Proof panels
49	Emergency Fire & Bilge Pumps	:	2 Nos Electrical Driven & 1 Nos Engine Driven Each Capacity – 30 M ³ /Hr @ 48 MWC
50	Others	:	As per MS Act & Classification rules
51	Accommodation	:	14 Persons (Sleeping Bunks)