



VRINDA OFFSHORE PVT. LTD.

Regd. Off : Flat No.206, 2nd Floor, D.No.9-14-1/10, VIP Towers, VIP Road,
CBM Compound, Visakhapatnam - 530 003, A.P. INDIA

Admn. Off : Subham Heights, FF-1A, Road No. 1, Pallamraju Nagar
Kakinada-533 003, A.P. INDIA Ph : +91 884-2349888, E-mail : vrindap2020@gmail.com

SONA X (TUG BOAT)

Regd.Off : Flat No.206, VIP Tower, VIP Road, Siripuram, VISAKHAPATNAM-530003, A.P. INDIA Ph: +91 9866437799
e-mail: ranjitpvrl@gmail.com



PROFILE TUG BOAT SONA X

1	Ship's Name	:	SONA - X
2	Flag	:	Singapore
3	IMO No	:	9546966
4	Port of Registry	:	Singapore
5	Type of vessel	:	Bollard Pull - Tug
6	Bollard Pull Capacity	:	41 Ton
7	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.
8	Registration	:	Singapore Flag
9	Classification	:	BV Classification
10	Vessel plying limits	:	Worldwide - Unrestricted
11	Registered owner of the vessel	:	VRINDA OFFSHORE PRIVATE LTD
Main Particulars			
12	Year of Built	:	2009
13	Length (LOA)	:	32.00 Mtrs
14	Breadth (MLD)	:	9.76 Mtrs
15	Depth(MLD)	:	4.30 Mtrs
16	Designed Draft	:	3.5 Mtrs
17	GRT	:	365 T
18	NRT	:	109 T
19	Deadweight	:	350 T
20	Fuel oil Tank Capacity	:	296 KL
21	Freshwater Tank capacity	:	44 KL
22	Cruising Speed	:	11 KN



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23	Endurance	:	30 Days
Machinery			
24	Main engine Make & Model	:	CUMMINS & KTA50-M2
25	Horse Power (HP)	:	2 Nos x 1600 BHP = 3200 BHP (2386 KW)
26	Gearbox Make, Model & Ration	:	Twin disc , MG5506, Ratio : 6:1
27	Main Gensets Make & Model	:	2 Nos x CUMMINS 6BT5-9-D9M & CAPACITY: 78KW 415/230V
28	Air-condition System	:	Split AC
29	Electrical Panel Boards	:	Electrical Panels with self-cut-off safety system
30	Anchors & Chain	:	2 x 570 Kg & Chain Dia – 22 MM (Total 11 Lengths)
31	Towing and Anchor Handling Equipment	:	Electro-Hydro towing winch with double drum, waterfall type Drum Capacity: 52 mm wire x 500 Mtrs Break holding: 80 tons Operated from the Wheel House and Local Remote control Tow / AH Pull Capacity: 20 MT @ 5 M / Min, Tugger winch : 2 Nos
32	Stern Roller	:	1 No
33	Steering	:	Electro-Hydraulic Steering is controlled from the Forward & Aft with a Joy Stick, Wheel, and also emergency steering operated directly by hydraulic.
34	Propellers	:	Twin screw, Conventional Fixed pitch covered in Kort Nozzles
35	GMDSS Communication & Navigation Equipment	:	Unrestricted operations (A1+A2+A3 Area)
36	Life Rafts	:	2 Nos X 15 Person Capacity
37	Internal communication	:	Covered all Accommodation & Machinery Areas
38	Others	:	As per Flag & Classification rules
39	Accommodation Areas & All doors	:	Covered with fireproof panels
40	Emergency Fire & Bilge Pumps	:	2 Nos Electrical Driven & 1 Nos Engine Driven Each Capacity – 30 M ³ /Hr @ 48 MWC
41	Others	:	As per Flag & Classification rules
42	Accommodation	:	15 Persons (Sleeping Bunks)
43	Fire Detection	:	All living spaces and the Engine room