



VRINDA GROUP
SONA IX
(TUG BOAT)

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PROFILE TUG BOAT SONA IX

1	Ship's Name	:	SONA-IX
2	Flag	:	Tuvalu
3	IMO No	:	9502099
4	Port of Registry	:	TUVALU
5	Type of vessel	:	Bollard Pull - Tug
6	Bollard Pull Capacity	:	40 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	:	Tuvalu Flag
9	Classification	:	IRS Classification
10	Vessel plying limits	:	Worldwide - Unrestricted
11	Registered owner of the vessel	:	VRINDA MARINE LLP

Main Particulars

12	Year of Built	:	2008
13	Length (LOA)	:	31.00 Mtrs
14	Breadth (MLD)	:	9.50 Mtrs
15	Depth(MLD)	:	4.20 Mtrs
16	Designed Draft	:	3.5 Mtrs
17	GRT	:	298 T
18	NRT	:	90 T
19	Deadweight	:	347 T
20	Fuel oil Tank Capacity	:	268 KL
21	Freshwater Tank capacity	:	60 KL
22	Cruising Speed	:	11 KN
23	Endurance	:	30 Days

Machinery



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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	:	Reintjes, WAF665L, Ratio : 5.95:1
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 winch	:	Electro-Hydro towing winch, Capacity: 40 Tons, Break holding 120 tons, 25HP x 2 Power Pack.
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 Fire Proof 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	:	12 Persons (Sleeping Bunks)