

# SAI SOWBAGHYA

(UTILITY VESSEL)

IMO No - 9774977



**MAT MARINE SERVICES PVT.LTD**

H.O: # FLAT NO.G4, ABHI RESIDENCY,  
PLOT NO.48, PRASHANTH NAGAR, KOTHAGUDA,  
KONDAPUR, HYDERABAD-500084.

B.O: # 16-23-67/1A, PLOT NO.19,  
SRI GIRINDRA ENCLAVE, 2ND FLOOR, ROAD NO.3  
PALLAMRAJU NAGAR, KAKINADA-533001  
E.G.Dist, ANDHRA PRADESH.

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1.	Ship's Name	:	<b>SAI SOWBAGHYA</b>
2.	Flag	:	<b>INDIAN</b>
3.	Official No	:	<b>4242</b>
4.	Signal Letters	:	<b>AWLB</b>
5.	IMO No	:	<b>9774977</b>
6.	Port of Registry	:	VISAKHAPATNAM, INDIA
7.	MMSI No	:	419001013
8.	Type of vessel	:	Utility vessel / Safety Standby vessel
9.	Class Notation	:	SUL, UTILITY VESSEL , INWATER SURVEY, IY
10.	Registration	:	Under MS Act 1958, Class - XII
11.	Classification	:	IRS (Indian Register of Shipping)
12.	Vessel plying limits	:	Indian Waters
13.	Registered owner of vessel	:	Mat Marine Services Pvt.Ltd
14.	Vessel Builder & Designer	:	Saibhya Shipping agro-marine Pvt Ltd, Kakinada, India
<b>Main Particulars</b>			
15.	Year of Built	:	Dec-2015
16.	Length (LOA)	:	27.117 Mts
17.	Breadth (MLD)	:	09.00 Mts
18.	Depth(MLD)	:	03.50 Mts
19.	Draft	:	02.50 Mts
20.	GRT	:	267 T
21.	NRT	:	81 T
22.	Deadweight	:	116.75 Tones

23.	Clear cargo Area	:	120 M <sup>2</sup>
24.	Deck Strength	:	3.0 Tons Per Sq Mtr
25.	Fuel oil Tank Capacity	:	70 KL
26.	Fresh water Tank capacity	:	70 KL
27.	Cruising Speed	:	06 KN
28.	Maximum Speed	:	12 KN
29.	Endurance	:	20 Days
<b>Machineries</b>			
30.	<b>Main engine Make &amp; Model</b>	:	<b>Cummins &amp; KTA 19 M3</b>
31.	<b>Horse Power (HP)</b>	:	<b>2 Nos X 600 BHP = 1200 BHP</b>
32.	Main Gensets Make & Model	:	Cummins 6CTA 8.3-D (M)
33.	<b>Main Generator Particulars</b>	:	<b>2 nos X 100 KW</b>
34.	Emergency Power supply Batteries	:	24 V X 4 Nos (Charging from both Gensets)
35.	GMDSS Batteries	:	24 V X 2 Nos
36.	Air-condition System	:	Central AC
37.	Electrical Panel Boards	:	Electrical Panels with self-cut off safety system
38.	Anchors & Chain	:	2 x 660 Kg & Chain Dia – 22 MM
39.	<b>Bow Thruster</b>	:	<b>1 MT</b>
40.	Steering	:	Electro Hydraulic Controlled from Forward & Aft with Joy Stick, Wheel and also emergency steering operated directly by hydraulic.
41.	Propellers	:	Twin screw, Conventional Fixed pitch without Kort Nozzles
42.	Additional features	:	sewage Tank, Bilge Holding tanks available
<b>Communication &amp; Navigation Equipment for A3 Area</b>			
43.	GMDSS Equipment	:	VHF DSC - FURUNO – FM8900, VHF – SAMYUNG – STR 6000A, MF/HF – FURUNO FS-2575
44.	Echo sounder	:	FURUNO – FCV 627
45.	Navtex Receiver	:	FURUNO NX-700A
46.	Global Position System (GPS)	:	FURUNO GP-150
47.	Radar	:	FURUNO NAVNET
48.	AIS	:	FURUNO FA -150 (Class A)
<b>Life Saving Appliances</b>			
49.	Life Rafts	:	2 Nos X 25 Persons Capacity = 50 Persons
50.	Rescue boat	:	1 No (6 Persons Capacity)

51.	Internal communication	:	Covered all Accommodation & Machinery Areas
52.	Others	:	As per MS Act & IRS rules
<b>Fire Control System</b>			
53.	Fire & Smoke Detection system	:	Covered all Accommodation & Machinery areas with smoke & fire detectors
54.	Accommodation Areas & All doors	:	Covered with Fire Proof control panels
55.	Emergency Fire & Bilge Pumps	:	2 Nos Electrical Driven with Each Capacity – 39 M <sup>3</sup> /Hr @ 50 MWC, 1 Nos Engine Driven with – 25 M <sup>3</sup> /Hr @ 40 MWC
56.	Others	:	As per MS Act & IRS rules
<b>Certified Accommodation</b>			
57.	Crew + Officers	:	10 Persons (Sleeping Bunks)
58.	Charter Party	:	12 Persons (Sleeping Bunks)