



BSA 1

Type	ASD Towing Pushing Tug
Year Built	July 2009
Owner/Operator	BSA Tugs Pvt. Ltd.
Flag	Indian
Port of Registry	Vishakhapatnam
IMO Number	9521954
Classification Society	IRS



Principle Dimension

Length (OA)	31.415 M
Breadth (MLD)	10.068 M
Depth (MLD)	4.195 M
Max. Draft	4.195 M
Deadweight	360 MT
GRT	359
NRT	108

Machinery & Propulsion

Main Engine	2 Nos. (Wartsila-2; BHP 2 x 1600 BHP = 3200 BHP at 1000 RPM)
Generator	2 Nos. (Cummins 2 X 6BT5.9D; 2 x 97 kW)
Propeller	Schot TLF

AHT Equipment

Towing	Single Drum Waterfall Type 600 X 52 mm wire rope (towing Brake Holding Cap. 120t, Bollard Pull 45 t, 38 mm Wire)
Make & Type	Bhawani Engineering
Tow Wire	44 mm dia x 750 m
Spare Tow Wire	44 mm dia x 750 m
Vertical Capstan	1 x 5T

Safety Equipments

LSA	Standard SOLAS equipment as applicable to vessel
FFA	Standard SOLAS equipment as applicable to vessel
Rescue Boat	Fire Retardant FRP davit launched
Capacity	6 persons, max speed 6.16 kts with full load

Capacities

Fresh Water	40 m3
Ballast water	Nil
Fuel	80 MT
Accommodation	12
Clear Deck Area	100 m2

Speed

Sea Speed	12.5 Kts
Eco Speed	7.5 Kts
Fuel Consumption	6 KL of MGO/Day at Full MCR
Fuel Consumption	5KL of MGO/Day at Eco Speed

Mooring & Anchor Windlass

Capacity	3T
Make/Model	Marine Equipment Pvt. Ltd.
Anchors	2 Stockless bower

Accommodation

Fully Air Conditioned Cabin

1 X 2 Bed Single

2 X 2 Bed Double

3 X 2 Bed Room

Total = 12 Person

Navigation & Communication Equipment

GMDSS	Area A1 + A2 + A3
Navigational Equipment	Unrestricted navigation (No ECIDS)