



DOLPHIN OFFSHORE SHIPPING LTD.

LIC BUILDING, PLOT NO.54, SECTOR-11, CBD BELAPUR, NAVI MUMBAI-400 614

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M.V. BRAHMAPUTRA DOLPHIN



MULTI-PURPOSE TUG / SURVEY / SUPPORT VESSEL / SPECIAL PURPOSE VESSEL

BUILT

Class	IRS
Flag	INDIAN
Year Built	1976 (Major modification 1992 and 2001 with new engines)
Call Sign	AUHR
IMO Number	7608916
Official Number	3116
Navigation Areas	Unrestricted (International)
Class Notation	Steel/ Supply vessel meeting with SPS Code 2004 for 42 Special persons
Max Speed	10.50 Knots
Cruising speed	8.00 Knots

DIMENSIONS & CAPACITIES

Length O.A. (M)	57.91
Beam MLD. (M)	12.19
Depth MLD (M)	5.00
Draft max. (M)	~3.53
GRT/NRT	1008/302
DWT	519.71
Fuel Oil Tank (MT)	~258.02
Fresh Water Tank (MT)	~184.00
Deck Space	210.26 M ²
Maximum authorized life saving Capacity (as per SPS Code 2004)	62 persons

MAIN MACHINERY &

PROPULSION UNIT

Main Engine BHP	1304KW x 2 @ 1650rpm
Quantity	Two
Make	Deutz
Year Installed	2001/2002
Model	TBD-620-V12
Marine Gensets	2 x 250 KW + 1 x 150 KW
Quantity	Three
Make	2 Caterpillar, 1 Detroit
Model	3408
Marine Red. Gearbox	2 Nos Make : ZE MARINE
Reduction Ratio	1:6.883
Propeller	Fixed pitch inward turning screws
Oily Water Separator	YSCZ-0.25DM
Fuel Type	Marine Diesel Oil
Bollard pull at 1000/1200RPM	23T/30T
Bow Thruster	500 BHP, 1* Detroit 12V71

COMMUNICATION & NAV.

EQUIP.

GMDSS	
SATCOM	FURUNO
SAT-C	FELCOM 12
SSB/MF/HF DSC	FURUNO FS - 1562-25
VHF	FURUNO FM -8500
GPS	GARMIN 152/KODEN
AUTO PILOT	SPERRY
DSC	FURUNO DSC 60
GYRO	SPERRY SR-130
RADARS	KODEN
COMPASS	GILLIE SESTREL
ECHO SOUNDER	KODEN-CUS-118
Satellite telephone and e-mail	Fleet Broadband, Skipper-150

MAIN MOORING EQUIPMENT & DECK MACHINERY

Mooring Equipment:

Two Electro Hydraulic Winches each with 1200m x 26mm wire and 2T Delta flipper anchor at FWD.

Anchor & Anchor Chain:

2 x Electric Anchor Windlass with 900kg Bower anchor system.

Capstans: 2 x 5 T at 12 mtr/min electric stern capstans

Cargo Crane: One 8T, Allied, Electro hydraulic Crane with telescopic boom on port side stern.

Provision Crane: One National 3T Electro hydraulic Crane with Telescopic boom on Stbd side amidships

MAIN FIRE FIGHTING & LIFE SAVING EQUIPMENT

Comply with SOLAS and flag country as regards **fire-fighting & life-saving** facilities requirement

Engine Room & DG Room – Fixed Fire Fighting system i.e. **CO2 system**

Portable : Foam, Water & CO2 types at various

locations required by SOLAS

Sewage Treatment Plant: Aquachem Germany: 24 Persons
EVAC : 55 Persons

LSA Equipments:

Fitted with one number FRC and other LSA items as per SOLAS.

ACCOMODATION & GALLEY

Special Persons	42
Ship's Staff	20
Total Authorized Accommodation	62
Freezer space	8.5 M3
Chiller Space	8.5 M3
Spacious Mess Room with sit down capacity	24 Persons
Client's Office	8.15 x 2.46m (20M ²)
Recreation room with TV and DVD	20 Persons

AIR CONDITIONING SYSTEM :-

Split Air-conditioners for wheelhouse, Mess room, Officers/Crew SP Cabins

Centralized air condition system with 100% standby arrangement

1 meat/fish room & 1 vegetable room.

Galley: Fitted with Indian type cooking range.

Work Shop : Specious work shop having lathe, grinding, drilling, welding machine & other shop tools

Fuel Consumption

At anchorage: 0.5 KL
At Sea: 3.12 KL

Pumping rate:-

Fuel oil cargo pump 60 Cubic Meter/Hr.
Fresh Water cargo pump 50 Cubic Meter/Hr.