

DOLPHIN OFFSHORE SHIPPING LTD.



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

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M.V. GANGA DOLPHIN



SPECIFICATIONS OUTLINES

MULTI-PURPOSE TUG / SURVEY / SUPPORT VESSEL

BUILT

Class	IRS
Flag	INDIAN
Year Built	1982
Navigation Areas	Unrestricted (International)

DIMENSIONS & CAPACITIES

Length O.A. (M)	39
Beam MLD. (M)	8.5
Depth MLD (M)	3.5
Design Draft (M)	2.8
Draft max. (M)	~2.80
GRT/NRT	363/109
Fuel Oil Tank (MT)	~103.00
Fresh Water Tank (MT)	~90.00
Cargo Deck Area	65.82 Sq Mtrs (Length x Breadth : 10.97Mtrs. x 6 Mtrs.)
Max Speed	Max Speed 9 Kts / 6.40 MT/day
Eco Speed	Eco Speed 7.0 Kts / 4 MT/ day
Standby (Main Engine secured)	0.40 MT/Day

MAIN MACHINERY & PROPULSION UNIT

Main Engine BHP	1100 BHP x 2 @ 850 rpm
Quantity	Two
Make	Yanmar
Model	T220A-ET
Marine Gensets	3 x 128 KW
Quantity	Three
Make	Yanmar
Propeller	Fixed pitch screws with Kort nozzle two sets with variable speed clutches.
Fuel Type	High speed Diesel Oil
Bow Thruster	Omnidirectional Schottel Cone jet,type SKJ 87 with Yanmar 6HAL-HTN diesel engine developing 240 BHP

MAINE RADIO & NAV. EQUIP.

GMDSS	
SATCOM	Sailor Thrane & Thrane SAT-C
SSB	Samsung SRG 1150 DN with MF/HF DSC
VHF	2 x Shipmate RS8400, 25 Watt with DSC 2 x ICOM IC-M25,25 Watt
RADAR	2 x FURUNO x Band
AUTO PILOT	Tokyo Keiki PR 229 S-D1
GYRO	C-Plath Navigate-VII
DEPTH SOUNDER	SES 2000N-SAMYUNG

DECK MACHINERY

Mooring Equipment: Two Electro Hydraulic Windlass 5 tonnes x 12m/min with 2 x 550 kg AC14 type anchors with 14 shackles each side chain diameter 26mm .

Deck Crane: Hiab 965 hydraulic --3 T SWL at 3.6 mtr.

Capstans: 2 x 5 Tonnes at 12m/min electric stern

MAIN FIRE FIGHTING & LIFE SAVING EQUIPMENT

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

Portable : Foam, Water & CO2 types at various locations required by SOLAS

ACCOMODATION & GALLEY

Ship's Officers	2 x single berth, 2 x 2 berth
Ship's Crew	1 x 2 berth, 1 x 6 berth
Charterers	2 x 2 berth, 2 x 4 berth
Approved Accommodation	Total 24 berth. (Ships crew=12 + Special person =12)
Lifesaving Capacity	30 persons
Freezer space	25 sq ft.
Chiller Space : 8.5 M3	8 sq ft.
Sewage Treatment Plant	24 persons.

AIR COOLING SYSTEM

Air-conditioners for wheelhouse, Mess room. Officers/Crew Cabins & Passenger Cabins.

SPECIALITY

- 1) Huge Bridge space for this size of vessel, Suitable for all kind of Survey requirement.
- 2) Ideally made for supply run on fuel, water, material on deck along with

GPS
MINI-M
AIS

FURUNO GP 32
Sailor Thrane & Thrane
Sperry marine(R4-AIS)

passengers on board.
3) Assorted power supplies for survey equipment purpose- AC
440V,220V,110V,DC-24V
4) Zodiac inflatable rescue work boat with 35HP OBM(5+1 person)