

MV SUDARSHAN

67m, 4 POINT MOORING CUM ACCOMMODATION VESSEL



TECHNICAL SPECIFICATION

GENERAL

Name of vessel	:	Sudarshan
Type of vessel	:	4 Point Mooring Cum Accommodation Vessel
Flag/ Port of Registry	:	Indian / Mumbai
IMO number	:	9030400
Call Sign	:	VTEM
MMSI No	:	419001492
Official Number	:	4645
Radio Accounting Authority	:	INMCC
Classified Society	:	Indian Register of Shipping
IRS Notation	:	✕A1, ✕ AMS
Build Year	:	1992
Owner	:	Lilly Maritime Private Limited
Operator / vessel Manager	:	Lilly Maritime Private Limited
Builder	:	Promet Pte Ltd
E-mail	:	chartering@lillymaritime.com

DIMENSION

Length Overall	:	67	m
Length Between Perpendiculars	:	62.11	m
Breadth Moulded	:	16.20	m
Depth Moulded	:	8.20	m
GRT	:	2411	MT
NRT	:	723	MT
DWT	:	2281	MT

MACHINERY

Main Engine - Make & Type	:	02 X YANMAR 260 ET 1500 BHP @ 710 RPM and Yanmar Kanzake Y1400 Reducing Gear Box
Propeller	:	KAMEWA CPP system C/W Joystick Control
Bow Thruster	:	KAMEWA Tunnel Thruster Cap.7T
Steering Gear	:	Frydenbo Electro Hydraulic Rotary Vane Type
Generators	:	03 x CAT 3406TA - 3458HP @235KW 01 x 34D6TA-MG8 Radiator Cooled Emg.Gen.
Water Maker	:	Hitachi Aqua SWR030T Capt.25 MT/day
Oily Bilge Separator	:	TAIKO MAB 2055
Fire Fighting Pump	:	03 unit x DESMI, Capt. 102 cum/hr @ 10.5 m head
Mineral Oil Separator	:	Alfa Laval EHS-61-161
Compressor	:	SCAVENGER

FUEL CONSUMPTION & SPEED

At Full Load	:	9.0 T / Day @ 12.0 knots
At Service Speed	:	5 T / Day @ 6.0 knots
Type of Fuel	:	HF HSD

ANCHORING SYSTEM

4 - Point Mooring System	:	PLMSOLL Electric Hydraulic operated
Capacity	:	Anchor wire 38mm/32 mm/1000 Mtrs.
Anchor	:	Delta Flipper - 3000 kg

CAPACITIES

Fuel Oil	:	331.6	m ³
Fresh Water / Ballast	:	695.5	m ³
Max Deck Cargo	:	312.60	m ³
Displacement	:	4060.79	Tons

CARGO TRANSFER RATES

Fresh water	:	60 m ³ /Hr. @ 35M Head
Fuel Oil	:	30 m ³ /Hr. @ 35M Head

WORKSHOP MACHINERIES

Drilling Machine	:	MAS Radial Drill
Hacksaw Machine	:	Universal, Bulgaria ON253/254
Lathe Machine	:	Universal Bulgaria CIIMT3000
Milling Machine	:	FNK 25A
Threading Machine	:	RIDGID 1224

DECK MACHINERY

Pedestal Crane	:	SEAHORSE 160, Pedestal Crane 15 T @ 32 R Radius, Aux Hoise - St @ All Radius Max Boom Length - 110ft
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NAVIGATION & COMMUNICATION

Gyro Compass / Autopilot	:	Furuno GP 1500 C Plath - Navigation
Combination Radar	:	01 x Furuno FR-2010 / 202 01 x Furuno 1940
Echo Sounder	:	01 x Sanyung SGS - 2000
Depth Finder	:	01 x Furuno FD - 202
Speed Log	:	01 x Furuno FD - 70
SSB Set	:	01 x Furuno 1500
VHF Set	:	03 x Furuno FM - 7000
Walkie Talkie	:	06 x Furuno
Internal Telephone System	:	01 x Vingtor

SAFETY EQUIPMENT

Inflatable Life Rafts	:	4 unit x 25 MEN, 8 Unit x 20 Men-Total 260
Life Rafts	:	02 unit x 6 MEN
Life Jackets	:	105 Units + 09 Units for Kids
Rescue Boat	:	01 Unit x ZODIAC HARRICAN

MAIN ALARM SYSTEM

MAIN ALARM SYSTEM	:	WORLDMALD System, Fixed Fire Fighting System, Sprinklers System, Fire Detection System and Alarm System
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ACCOMMODATION

Total Accommodation / Crew	:	90 Nos
Office Room	:	02 Nos
Conference Room	:	01 Nos
Administration Room	:	01 Nos
Prayer Room	:	01 Nos
Recreation Room	:	01 Nos
Welding Workshop	:	01 Nos
Copper Slag Store	:	01 Nos
Laundry Room	:	01 Nos
Radiograph Dark Room	:	01 Nos
Galley / Stores	:	01 Nos / 03 Nos
Below Deck Workshop	:	01 Nos
Paint Store	:	01 Nos
NDT Storage	:	01 Nos
Mess Room	:	01 x 30 Nos
Hospital	:	01 x 02 Bed



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