



CANARA PRIDE (Ex MALAVIYA TWENTY FOUR)

TECHNICAL SPECIFICATIONS

Date & Year of Build	:	29-July-2005
Builder	:	Bharati Shipyard Limited, Ratnagiri, India
Classification	:	Indian Register of Shipping
I.R. No.	:	24484
Class Notation Hull	:	⚓ SUL, ANCHOR HANDLING TUG SUPPLY VESSEL, "STRENGTHENED DECK", "MUD AND BRINE TANK OF SP.GR.2.5"
Class Notation Machinery	:	⚓ IY, AGNI 1, DP(1)
Yard No.	:	V/311
Official No.	:	3109
Call Sign	:	AUHG
IMO Number	:	9304710
Flag	:	Indian
Port of Registry	:	Mumbai

DIMENSION

Length Overall	:	67.00 m
Breadth, moulded	:	15.40m
Depth, moulded	:	7.00m
Draft, designed	:	5.95m
Draft, summer	:	5.95m
GRT / NRT	:	2052 / 629
DWT of assigned draft	:	2414 Tons
Lightship	:	1724 Tons

MACHINERY

Main Engines	:	2 x 3550 BHP Rolls Royce Bergen C 25:33 L9 P Diesel Engines Total 7100 BHP @ 900RPM, 4 Stroke Unidirectional
Total Power	:	5220 KW
Propellers	:	2 x 4 Bladed ULSTEIN 3000mm dia CPP in Kort nozzle
Rudders	:	2 x ULSTEIN high lift spade 5.25 m ² Trailing Flap Rudders
Bow Thruster	:	2 x KAMEWA ULSTEIN 150 TV electric 596KW, CPP driven by 800 BHP Electric motor, 8 tons thrust each.
Azimuth Thruster	:	NA
Stern Thruster	:	1 ULSTEIN 150 TV electric 596 KW, CPP Joystick Control provided
Shaft Generators	:	2 x 1200 kW 415 V 50 Hz @1500 RPM
Aux. Generators	:	2 x 320 kW @1800 RPM
Emergency Generators	:	CUMMINS INDIA LTD 1 x 105 HP @ 1500 RPM, 415 V, 50 Hz, Model: 6BT 5.9 GI

CONSUMPTIONS

At 85% MCR	:	12 Tons/Day
At Economical Speed	:	9 Tons/Day
At Standby	:	0.95 Tons/Day
Type of Fuel	:	HF HSD (Marine Gas Oil)

ANCHOR HANDLING /TOWING

Bollard Pull	:	80.1 Tons
AHT Winch	:	Make Mananbe Zoki Double drum-Water fall electro hydraulic
Declutchable Drums	:	2 Nos
Line Pull	:	150.27/57.067 Tons @ 1.7/29 mtrs/min at first layer
Brakes	:	200 Tons
Drum Size	:	Diameter - 500 mm, Length- 1000 mm, Flange Dia- 1250 mm
Wire Capacity	:	Towing winch wire: 64 mm x 1000 mtrs, A/H winch wire: 64 mm x 650 mtrs
Rig Chain	:	Not Available
Control	:	Local and Wheel House
Storage Wire Reels	:	1 X 1250 Mtrs, 64 mm
Shark Jaw	:	KARM-OY ELECTRO HYRAULIC TYPE
Towing Pins	:	2 NOS YDR 06 H-Electro hydraulic retractable
Stern Roller	:	1.5 mtr dia x 3.6 mtrs length
Rig Chain Gypsy	:	Not Available
Rig Chain	:	Not Available
Rig Chain Locker	:	2 Nos, 151.1 m ³

DECK EQUIPMENT

Tugger Winches	:	2 X 12 Tons @ 8 m/min, PLINSOLL
Capstans	:	2 x Electro Hydro-10 Tons @ 9 m/min
Boat Davit	:	3.00 Tons SWL
Deck Crane	:	Not Available

CAPACITIES

Deck Cargo	:	1000 Tons
Deck Strength	:	5 Tons/Sq. m (at stern 10 tons/sq. m till frame no 17)
Clear Deck Space	:	412 m ²
Fuel Oil	:	Cargo (292.98 m ³) + Ship Consumption (89.36 m ³) = Total (382.34 m ³)
Potable Water	:	499.57 m ³
Drill/Ballast Water	:	825.43 m ³
Dry Bulk	:	200 m ³ (4 Tanks)
Liquid Mud	:	380 m ³
Base Oil/F.O.	:	234.17 m ³
Brine	:	150 m ³ (2 Tanks, 75 m ³ each)
ORO Tank	:	NA
Freezer Room	:	10 m ³
Chiller Room	:	10 m ³

PUMPING

Fuel Oil	:	200 m ³ /hr x 80 m head
Drill / Ballast Water	:	200 m ³ /hr x 80 m head / 200 m ³ /hr x 80 m head
Potable Water	:	200 m ³ /hr x 80 m head
Bulk	:	2 Compressors, 23 m ³ /min 5.6 Kg/sq.cm
Liquid Mud	:	2 pumps, 75 m ³ /hr @ 18 bar
Base Oil	:	200 m ³ /hr x 80m head
Brine	:	75 m ³ /hr @ 18 bar

ACCOMODATION

Officers	:	6 x 1 , 1 x 2 = 8 berths
Crew	:	2 x 3 = 6 berths
Charterer	:	4 x 5 = 20 berths
Total	:	34 Berths (Fully air conditioned).

DYNAMIC POSITIONING SYSTEM

DP System Type	:	Kongsberg DP System - CPOS Complying with D.P.(1) requirements
Reference Systems	:	1 x Gyros, 1 x Wind Sensors, 1 x MRU, 2 x DGPS

FIRE FIGHTING

Pump	:	2 x 1500 m ³ /hr
Monitors	:	2 nos. remote controlled from wheel house
Foam Tank	:	12.86 m ³
Dispersant Tank	:	12.86 m ³
Dispersant Booms	:	Yes
Dispersant System / Nozzles	:	Tank Capacity : 12.86 m ³ (100%), Driven by Fire / G.S Pump with mode of delivery through 2 OSD

ANCHOR & MOORING

Windlass :	:	01 Windlass- Make plimsoll, Model: PR-HAMW/GDG-40.
Anchors :	:	2 x 1575 kgs, Stockless HHP Anchors
Cables :	:	2 x 8 Shackles each, Chain Dia 40 mm
Mooring Drum :	:	220 M at 100 mm Dia Synthetic rope.
Warping Drum :	:	7.0 T at 0-13.1 M/min
Old Man / Mooring Rollers :	:	2 x 10T Pedestal Fairlead,
Fair / Panama Leads	:	8 X 10T Roller fairlead, 7 x 10T Panama lead
Bits / Bollards / Bow Stoppers :	:	6 x 10T Bollards, 2 x Bow stoppers

NAVIGATION & COMMUNICATION

Radars	:	1 x Furuno FR - 2125 (X) 1 x Furuno FR -2135 (S)
GPS	:	1 x Furuno GP150
Echosounder	:	1 x JRC - JFE 680
Autopilot	:	Raytheon - Anschutz
Gyro Compass	:	Raytheon - Anschutz
Speed Log	:	Furuno DS 830
Navtex	:	1 x JMC- NT900
SSB	:	1 x DSC FURUNO - FS 2571
GMDSS Area Coverage	:	Area A1, A2 & A3
Inmarsat	:	1 x Thrane & Thrane FBB250
VHF/DSC	:	2 x Furuno - FM8800S, 1x Saracom- RH30
Anemometer	:	1 x Walker, 1 X OMC 139
P.A. System	:	1 x ETCPA

FIRE FIGHTING & LIFE SAVING

: As per SOLAS

MISCELLANEOUS

: 6 x Refer Connections on Deck - 2nos x 110 volts, 2 nos x 220 volts, 2 nos x 440 volts. Located at
: Sewage Treatment Plan: Hamworthy KSE, Model- ST 3A
: FW Generator Cap/day:12.9 tonnes/day at supply pressure 0.5 to 3 bar and temp range (0to
: Hospital Capacity : 1 Bed
: Vessel in Compliance to UKOOA Requirements as per ONGC Requirement.
Reviewed and updated in Dec 2017