

Pedro 1

Tug



BHAGWAN
marine



BUILT

YONG CHOO KUI SHIPYARD,
MALAYSIA, 2010
STEEL

HULL:

CLASSIFICATION

CLASSIFICATION: DNV-GL 100 A5 TUG, Mc
IMO: 9591777
FLAG: AUSTRALIAN
TRADING AREA: WITHIN 200NM
CALL SIGN: VNW6419
M&H NUMBER: 6720

DIMENSIONS

LENGTH OVERALL: 26M
BEAM: 8M
DEPTH MOULDED: 3.65M
DESIGN DRAFT: 3.2M
GRT: 194T
DEAD WEIGHT: 155T

MACHINERY

PROPULSION: TWIN SCREW (*FIXED NOZZLE*)
MAIN ENGINES: 2X YANMAR 6AYM-ETE
TOTAL POWER (KW): 2X 610KW @ 1900 RPM
GEAR BOX: 2X REINTJES WAF374 6.417:1
GENERATOR: 1X CUMMINS 6BT5.9-D(M) (78KVA)
1X YANMAR 4TNV106-GGE2 (50KVA)

SPEED AND CONSUMPTION

FULL OPERATING: 13 KTS @ 210 LPH
ECONOMICAL OPERATING: 10 KTS @ 150 LPH
IN PORT: 100 L/DAY
BOLLARD PULL: 23.3T

CAPACITIES

FUEL: 153M³
WATER: 46M³
SULLAGE: 1.3M³
WATER BALLAST: 27M³ (100%)
LUBE OIL: 2.48M³
DIRTY OIL: 2.48M³
BILGE WATER: HUANSHUI CFY0.25 - 25 M³/H

CAPACITIES (CONT.):

CLEAR DECK: 20T
DECK LOAD RATING: 2 T/M²
MAXIMUM DECK CARGO: 10T

CARGO DISCHARGE PUMPS

FUEL CARGO: 7.9 M³/HR
FRESHWATER: 2.7 M³/HR

DECK EQUIPMENT

TOW WINCH: HYTWG TWG WR32
20T PULL, 60T BRAKE

COMMUNICATIONS EQUIPMENT

RADAR SYSTEM: 1X FURUNO 36NM
DEPTH SOUNDER: 1X FURUNO Fcv-620
GPS: 1X FURUNO GP-32
1X FURUNO GP-620
COMPASS: 1X DAIKO KEIKI SEISAKUSHO
CHART PLOTTER: 1X MAXSEA v12.6.4.CR01
AIS: 1X FURUNO FA-50
HF RADIO: 1X FURUNO Fs5070
VHF RADIO: 2X ICOM Ic-M412
1X FURUNO 8800s
GMDSS: 1X FURUNO
SAT COMMS: 1X NAVTEX Nx-700A-B FURUNO INM-C
AUTO PILOT: 1X ROBINSON AP9
SEARCHLIGHT: YES (360° 1000W)

ACCOMMODATION

BERTHS INCLUDING CREW: 10
FEATURES: FULLY AIR-CONDITIONED,
GALLEY/MESS &
SANITARY FACILITIES

MISCELLANEOUS EQUIPMENT

MEDIVAC STRETCHER
FWD & AFT CONTROLS WITH INDEPENDENT RUDDERS

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