



Tides Fast Offshore

120 Lower Delta Road #12-12
Cendex Centre Singapore 169208

40m Aluminium Crew/Utility Boat



VESSEL :

Vessel: 40m Aluminium Crew/Utility Boat
Classification: ABS+A1 HSC Crewboat +AMS
Safety Regulation: ABS and Flag state requirements
Outline of Vessel: All welded aluminum Monohull with quadruple propellers/twin rudders.
Forward fully air conditioning crew accommodation/passenger saloon.
And flush,no-obstructed cargo deck

ACCOMMODATIONS :

Passenger Capacity: 100 Aircraft type economy class seat
Crew 8 bunks in 4 cabins
Mess Seating for 8 Crew

MAIN PARTICULARS :

Length Overall : 40.00m
Beam : 8.20m
Moulded depth : 3.65m
Moulded draft :(Approx.) 2.0m
Summer Freeboard : 1.65m

ELECTRONICS AND CONTROLS :

GMDSS GMDSS A2
VHF Furuno FM-8500 + 2 hand held
SSB Radio Furuno FS-2570 + Furuno FS-1503 (non GMDSS)
Satellite Telephone / Fax MINI-M
GPS Furuno GP-32
Depth / Echo Sounder 1 unit depth-Furuno; 1 unit echo-Furuno FCV-667
Gyro Compass Roberson RGC 50
Magnetic Compass 6" Magnetic Compass (with deviation card)
Speed Log Furuno DS-80
Navtex Furuno NX500
Marine Radar 2 unit Furuno 1932 MK2
EPIRB McMurdo E3A
SART McMurdo S4
AIS Furuno FA-100
Public Address / Intercom System Vingtor Pro-700
Search Lights 3 units Perko LSLT-PKO CC12, 1000W

CARGO DECK :

Clear Deck Space 115 m² (18.0m length x 6.4 m width)
Safe Deck Loading 70 tonnes
Deck Strength 2500 kg/m²
Deck Crane 2.3mt@4.1m reach
Tugger Winch (Option) 50 KN @ 20m/Min

Remark : Adequate cargo retainers and lashing lugs on both sides for securing deck cargo
Aft Deck suitable for helicopter winching

TONNAGE :

GRT 250 (Estimated)
NRT 75 (Estimated)
Deadweight(Approx.) 150 MT

TANK CAPACITIES:

Fuel Oil @ 23 cu.m/hr discharge rate 100,000 litres
Fresh Water 30,000 litres

MACHINERY :

Number of Main Engines 4
Propulsion Quadruple Screw
Make Type Cummins KTA 38-M2
Total BHP / KW 4 x 1350 BHP
Propellers 4 Fixed Pitch
Bow Thruster 1 x 120 HP
Bow Thruster drive engine 1 x Marine Diesel High Speed Engine 150 kw

OIL POLLUTION TANK CAPACITY AND CONTROL :

Dirty Oil Tank 1.0 cub m
Oily water separator 0.25 cu./hr
Sewage Treatment plant Hamworthy KSE ST0 Super trident or equal

PERFORMANCE

Service Speed 27 knots, 85% MCR @ 50 MT DWT
Maximum Fuel Consumption 1020 L/hr
Laden Speed 20 knots @ 85% MCR Fully Loaded
860 L/hr

LIFE SAVING (SOLAS) EQUIPMENT :

Life Rafts TWO 30 pax SOLAS type on each side
Life Jackets 120
Life Buoys 8 on board per SOLAS
Rescue Zone Yes
Scrambling Nets 2 units
Other Equipment Pyrotechnics, Line throwing apparatus

GENERATING SETS (AUXILIARIES) :

Prime Movers 2 x 108KW @ 1500 RPM
Make / Type Cummins CSMX TA5.9 of equal
Generators STAMFORD UCM274E, 2 x 80ekw
Vessel Power Supply 415/220 Volt AC, 50Hz, 3ph + 24 Volt DC

EMERGENCY RESPONSE FEATURES :

Fire Fighting 600 m³/hr monitor
Inflatable Workboat with 25HP outboard motor Provided
IMDG EQUIPMENT Fitted as per requirement
Water Spray for Cargo deck and Superstructure Fitted