



Uniexpress 20

Fast Crewboat/ Utility Vessel

PRINCIPAL PARTICULARS

Year Built	2009
Place Built	Singapore
Design	Penguin Shipyard Int
Flag	Panama
Length Overall	36.00 m
Length BP	33.62 m
Breadth Moulded	7.60 m
Depth Moulded	3.65 m
Draft (max)	2.14 m
Freeboard (SLL)	1.77 m
Class	BV
Notation	I +HULL, +MACH, Crew Boat, Unrestricted navigation
GRT/ NRT	236.00 T / 71.00 T
Deadweight	120.45 T

DECK PARTICULARS

Clear Deck Area	84.00 m ²
Deck Carrying Load	40.00 T
Deck Strength	2.00 T/m ²

PERFORMANCE

Maximum Speed	25 Knots
Economic Speed	23 Knots

PROPULSION SYSTEM

Main Engines	3 x KTA38- M2 1, 1350 BHP, 1007 kW @ 1900 RPM, Total 4050 BHP
Auxiliary Engines	2 x Cummins 6BT5.9-D(M), 80 kW @ 1500 RPM
Portable Generator	Denko, KDE 3300 E, 3.6 Kw @ 3300 RPM
Emergency Generator	Nil
Bow Thruster	Sauer KVEBB0502, 0.75 T Thrust
Propellers	3 x Fixed Pitch Propeller, 4-blade, Nickel-Aluminium Bronze Propeller Stone Marine, 1.20 x 1.54 m
Steering Gear System	Scandia SERVI PBW30-HEL Electric Motor 3.0KW 415/3PH/50HZ
Rudder	2 Units

TANK CAPACITIES

Fuel Oil	63.79 m ³
Fresh Water	29.48 m ³

CARGO DISCHARGE CAPACITIES

Fuel Oil Pump	23.00 m ³ /hr @ 30 m head
Fresh Water Pump	100 L/hr
Bilge	Nil



DECK EQUIPMENT

Anchor Windlass c/w Bow	130 kg HHP
-------------------------	------------

ACCOMMODATION

Passenger Seats	48
Crew	2 x 1, 2 x 2, 2 x 4 = 14

EXTERNAL FIRE-FIGHTING EQUIPMENT

Fi-Fi Notation	Equivalent to 1/4 Fi-Fi
Fi-Fi Monitors	Fi-Fi Monitor, 600 m ³ /h, 130 m Throw Length
Fi-Fi Pump	600 m ³ /h
Oil Dispersant System	Spray

INTERNAL FIRE-FIGHTING & ANTI-POLLUTION EQUIPMENT

Emergency Fire Pump	Yanmar YDP 20E H @ 30 m, 500 L/hr
CO2 Fi-Fi System	4 x Fixed, 5 x Portable
Fire Detection & Alarm	Apollo M8000, Optical Smoke, Multi-Sensor Smoke & Heat Detector

LIFE-SAVING EQUIPMENT

Life Rafts	6 x 25 men, SOLAS Compliant
Rescue Boat c/w Davit	Nil

