



## Uniexpress 19

Fast Crewboat/ Utility Vessel

### PRINCIPAL PARTICULARS

Year Built	2008
Place Built	Singapore
Design	Penguin H 164, Penguin Shipyard Int'l
Flag	Thailand
Length Overall	36.00 m
Length BP	32.40 m
Breadth Moulded	7.60 m
Depth Moulded	3.65 m
Draft (max)	1.88 m
Freeboard (SLL)	1.81 m
Class	BV
Notation	I +HULL, +MACH, Crew Boat, Unrestricted navigation (Max, Sig, Wave Height 3m)
GRT/ NRT	236.00 T / 71.00 T
Deadweight	115.82 T

### DECK PARTICULARS

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

### PERFORMANCE

Maximum Speed	25 Knots @ 16 T/24 hrs
Economic Speed	23 Knots @ 14 T/24 hrs

### 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, KDE3300E, 3.6 kW
Emergency Generator	Nil
Bow Thruster	Petter'S Hydraulic BT, S60-80, 75 kW Electro Hydraulic, 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, 3.0 kW 415/ 3PH/ 50 Hz
Rudder	2 Units

### TANK CAPACITIES

Fuel Oil	63.76 m <sup>3</sup>
Fresh Water	29.47 m <sup>3</sup>

### CARGO DISCHARGE CAPACITIES

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



### DECK EQUIPMENT

Anchor Windlass c/w Bow	130 kg HHP
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### ACCOMMODATION

Passenger Seats	70
Crew	2 x 1, 1 x 2, 1 x 4 = 8

### EXTERNAL FIRE-FIGHTING EQUIPMENT

Fi-Fi Notation	Equivalent to 1/4 Fi-Fi
Fi-Fi Monitors	Fi-Fi Monitor, 600 m <sup>3</sup> /h, 130 m Throw Length
Fi-Fi Pump	600 m <sup>3</sup> /h
Oil Dispersant System	Spray Boom, 200 L/hr

### INTERNAL FIRE-FIGHTING & ANTI-POLLUTION EQUIPMENT

Emergency Fire Pump	15 m <sup>3</sup> /hr
CO2 Fi-Fi System	4 x Fixed CO2 System for Engine Room
Fire Detection & Alarm	Apollo M8000, Optical Smoke, Multi-Sensor Smoke & Heat Detector

### LIFE-SAVING EQUIPMENT

Life Rafts	6 x 25 men, SOLAS Compliant
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