



## EKSPRES 71

Fast Utility Craft/ Crewboat

### PRINCIPAL PARTICULARS

Year Built	2011
Place Built	Singapore
Design	Penguin Shipyard Int'l
Flag	Malaysia
Length Overall	36.00 m
Length BP	33.20 m
Breadth Moulded	7.60 m
Depth Moulded	3.65 m
Draft (max)	1.78 m
Freeboard (SLL)	1.41 m
Class	BV
Notation	I, + Hull, + Mach, Crewboat, Urestricted navigation, Max Significant Wave ht 3.0 m
GRT/ NRT	236.00 T / 71.00 T
Deadweight	114.00 T

### DECK PARTICULARS

Clear Deck Area	80.00 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 @ 31 DWT

### PROPULSION SYSTEM

Main Engines	3 x Cummins KTA 38 M2, 1350 BHP, 1007 kW @ 1800 RPM, Total 4050 BHP
Auxiliary Engines	2 x Cummins 6BT 5.9, 80 kW @ 1500 RPM
Portable Generator	KDE3300E Diesel Gen, 3.6 kW @ 1200 RPM
Bow Thruster	45 kW Electro Hydraulic
Propellers	3 x Fixed Pitch Propellers
Steering Gear System	2 x Hydraulic
Rudder	2 x Hydraulic

### TANK CAPACITIES

Fuel Oil	60.00 m <sup>3</sup>
Fresh Water	28 m <sup>3</sup> @ 95% fill

### DECK EQUIPMENT

Anchor Windlass c/w Bow	NX2057436, A/HHAW 15-32
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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	SFP 250 x 350
Fi-Fi Monitors	1/4 Fi-Fi, 600 m <sup>3</sup> /hr @ 130 m head
Fi-Fi Pump	600 m <sup>3</sup> /hr @ 130 m head
Oil Dispersant System	Nil

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

Emergency Fire Pump	KIPOR Model, KM170F engine
CO2 Fi-Fi System	4 x Fixed CO2 System
Fire Detection & Alarm	N 8000

### LIFE-SAVING EQUIPMENT

Life Rafts	6 x 25, 2 x 10 men, SOLAS Compliant
Rescue Boat c/w Davit	1 x 6 men, 25 HP Outboard, 3 L/hrs, SOLAS Compliant

