

EXPRESS 61

FAST UTILITY CRAFT/ CREWBOAT



PRINCIPAL PARTICULARS

YEAR BUILT	2008
PLACE BUILT	Singapore
DESIGN	Penguin Shipyard Int'l
FLAG	Panama
LENGTH OVERALL	36.00 m
LENGTH BP	32.50 m
BREADTH MOULDED	7.60 m
DEPTH MOULDED	3.65 m
DRAFT (MAX)	1.85 m
FREEBOARD (SLL)	1.50 m
CLASS	DNV
NOTATION	1A Offshore Service vessel R4
GRT/ NRT	239.00 T / 72.00 T
DEADWEIGHT	115.99 T

DECK PARTICULARS

CLEAR DECK AREA	80.00 m ²
DECK CARRYING LOAD	34.50 T
DECK STRENGTH	2.00 T/m ²

PERFORMANCE

MAXIMUM SPEED	25 Knots @ 239 T DWT
ECONOMIC SPEED	21 Knots @ 239 T DWT

TANK CAPACITIES

FUEL OIL	55.00 m ³
FRESH WATER	27.00 m ³

PROPULSION SYSTEM

MAIN ENGINES	3 x Cummins KTA 38 M2, 1350 BHP, 1007 kW @ 1900 RPM, Total 4050 BHP
AUXILIARY ENGINES	2 x Cummins 6 BT 5.9D-(M), 80 kW @ 50 Hz
PORTABLE GENERATOR	Denko KDE3800E, 3.6 kW @ 1500 RPM
BOW THRUSTER	Sauer Danfoss, Electric Hydraulic @ 75 kW
PROPELLERS	3 x Fixed Pitch Propellers
STEERING GEAR SYSTEM	2 x Duplex Electro Hydraulic Pump System
RUDDER	2 Units

CARGO DISCHARGE CAPACITIES

FUEL OIL PUMP	30 m ³ /hr
FRESH WATER PUMP	30 m ³ /hr
BILGE	30 m ³ /hr

DECK EQUIPMENT

ANCHOR WINDLASS C/W BOW	HYPAC, HHAW15-32 16 KN @ 13 m/min @ Mid Layer
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ACCOMMODATION

PASSENGER SEATS	64 Seats
CREW	4P x 2, 1P x 2 = 10

EXTERNAL FIRE-FIGHTING EQUIPMENT

FI-FI NOTATION	Equivalent to 1/4 FiFi
FI-FI MONITORS	600 m ³ /hr, 135 m Throw Length
FI-FI PUMP	600 m ³ /hr (GM12V-71T1 Engine)
OIL DISPERSANT SYSTEM	Nil

INTERNAL FIFI & ANTI-POLLUTION EQUIPMENT

EMERGENCY FIRE PUMP	Emergency Fire Pump
CO2 FI-FI SYSTEM	Fixed CO2 System for Engine Room
FIRE DETECTION & ALARM	Optical Smoke, Multi-Sensor Smoke & Heat Detector

LIFE-SAVING EQUIPMENT

LIFE RAFTS	6 x 25 men, SOLAS Compliant
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