

EXPRESS 57



FAST UTILITY CRAFT/ CREWBOAT



PRINCIPAL PARTICULARS

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| YEAR BUILT | 2007 |
| PLACE BUILT | Singapore |
| DESIGN | FLEX 36, Penguin Shipyard Int |
| FLAG | Panama |
| LENGTH OVERALL | 41.00 m |
| LENGTH BP | 42.50 m |
| BREADTH MOULDED | 7.30 m |
| DEPTH MOULDED | 3.50 m |
| DRAFT (MAX) | 1.75 m approx. 2.30 m with propeller immersion |
| FREEBOARD (SLL) | 1.8m |
| CLASS | DNV.GL |
| NOTATION | I + Hull * Mach / Special Service / Utility Vessel |
| GRT/ NRT | 242.00 T / 72.00 T |
| DEADWEIGHT | 113.00 T |

DECK PARTICULARS

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|--------------------|-----------------------|
| CLEAR DECK AREA | 88.00 m ² |
| DECK CARRYING LOAD | 32.00 T |
| DECK STRENGTH | 2.00 T/m ² |

PERFORMANCE

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| MAXIMUM SPEED | 18 Knots @ 14.08 T/24 hrs |
| ECONOMIC SPEED | 16 Knots @ 12.25 T/24hrs |
| FUEL CONSUMPTION | Max speed 18 knots @1900RPM = 251.5 l/hr |

TANK CAPACITIES

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|-------------|----------------------|
| FUEL OIL | 52.00 m ³ |
| FRESH WATER | 27.00 m ³ |

PROPULSION SYSTEM

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| MAIN ENGINES | 3 x Cummins, KTA 38 M2, 1350 BHP, 1900 RPM, Total 4050 BHP, 2982 kW |
| AUXILIARY ENGINES | 2 x Cummins, 92kW-115V / 220V / 3 PH / 60 Hz, Cummins 6BT5.9 |
| PORTABLE GENERATOR | Nil |
| BOW THRUSTER | 2 x 90 HP Thrustmaster Cummins |
| PROPELLERS | 3 x FPP, 4 Blades |
| STEERING GEAR SYSTEM | 2 x Duplex Electro Hydraulic Pump |
| RUDDER | 2 Units |

CARGO DISCHARGE CAPACITIES

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|------------------|-----------------------|
| FUEL OIL PUMP | 60.00 m ³ |
| FRESH WATER PUMP | 40.00 m ³ |
| BILGE | 30 m ³ /hr |

DECK EQUIPMENT

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|-------------------------|--------|
| ANCHOR WINDLASS C/W BOW | 1 unit |
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ACCOMMODATION

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| PASSENGER SEATS | Arabic Seating Room |
| CREW | 5 x 12 cabins |

EXTERNAL FIRE-FIGHTING EQUIPMENT

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|-----------------------|--|
| FI-FI SYSTEM | Nil |
| FI-FI NOTATION | Nil |
| FI-FI MONITORS | Nil |
| FI-FI PUMP | AZCUE Model: CA 50/5A. Q = 30 m ³ /hr |
| OIL DISPERSANT SYSTEM | Nil |

INTERNAL FIFI & ANTI-POLLUTION EQUIPMENT

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|------------------------|---|
| EMERGENCY FIRE PUMP | CA 50/7A. Q = 25 m ³ /H.25 |
| CO2 FI-FI SYSTEM | Fixed CO2 System for Engine room |
| FIRE DETECTION & ALARM | Optical, Multi-Sensor Smoke & Heat Detector |

LIFE-SAVING EQUIPMENT

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| LIFE RAFTS | 2 x 25 men, SOLAS Compliant |
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