

EXPRESS 54

Crewboat/ Utility Vessel

| PRINCIPAL PARTICULARS | |
|-----------------------|--|
| Year Built | 1997 |
| Place Built | Penguin Shipyard, Singapore |
| Design | Shiptech Naval Architects |
| Flag | Indonesia |
| Length Overall | 36.60 m |
| Length BP | 34.40 m |
| Breadth Moulded | 7.60 m |
| Depth Moulded | 3.35 m |
| Draft (max) | 1.51 m |
| Freeboard (SLL) | 1.70 m |
| Class | BV |
| Notation | I, Hull, MACH, Special Service/ Utility Vessel, Unrestricted Navigation |
| GRT/ NRT | 230.00 T / 69.00 T |
| Deadweight | 58.68 T |

| DECK PARTICULARS | |
|--------------------|----------------------|
| Clear Deck Area | 90.00 m ² |
| Deck Carrying Load | 50.00 T |
| Deck Strength | 1.00 T/m² |

| PERFORMANCE | |
|----------------|--------------------------|
| Maximum Speed | 20 Knots @ 13.5 T/24 hrs |
| Economic Speed | 18 Knots @ 11.5 T/24 hrs |

| PROPULSION SYSTEM | |
|----------------------|--|
| Main Engines | 4 x MAN B&W D2842, LE408, 1000 BHP, 746 kW @ 2100 RPM, Total 4000 BHP |
| Auxiliary Engines | 2 x Perkin, 6 TGM2AM, 68 kW @ 1500 RPM |
| Propellers | 4 x Fixed Pitch Propellers, 5-Blade |
| Steering Gear System | 2 x Duplex Electro Hydraulic pump system |
| Rudder | 2 Units |

| TANK CAPACITIES | | |
|-----------------|----------------------|--|
| Fuel Oil | 27.90 m³ | |
| Fresh Water | 17.40 m ³ | |

| CARGO DISCHARGE CAPACITIES | |
|----------------------------|--|
| Fuel Oil Pump | TECO 10 HP @ 50 Hz |
| Fresh Water Pump | SIMGE 220V 25A, 0.75 kW, 1HP @ 50 Hz, 2850 RPM |
| Bilge | TECO, 10 HP @ 50 Hz |

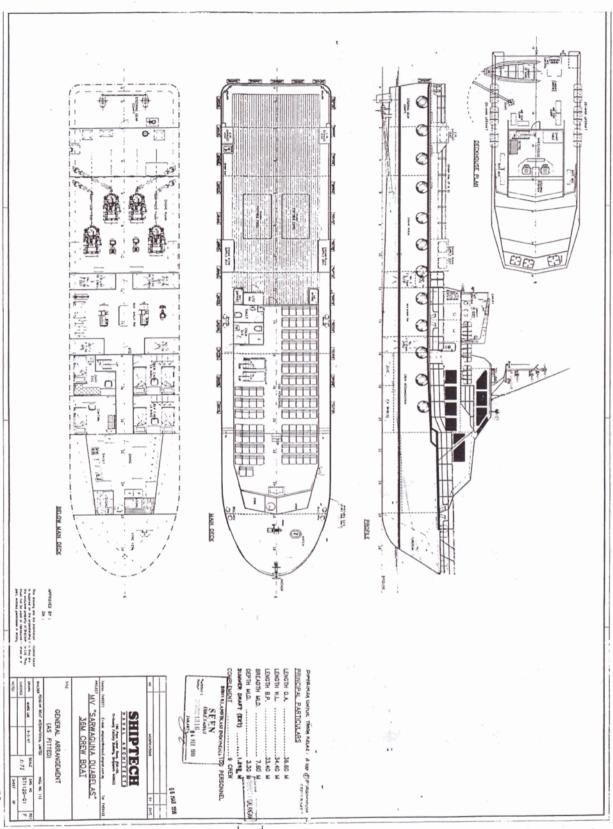
| 1 | DECK EQUIPMENT | |
|---|----------------------------|----------|
| | Anchor Windlass c/w Bow | Provided |



| ACCOMMODATION | |
|-----------------|-------------------------------|
| Passenger Seats | 71 |
| Crew | $2 \times 1, 2 \times 4 = 10$ |

| Emergency Fire Pump | Portable Diesel Engine Driven Pump |
|---------------------|------------------------------------|
| CO2 Fi-Fi System | Fixed CO2 System for Engine Room |

| LIFE-SAVING EQUIPMENT | |
|-----------------------|-----------------|
| Life Rafts | SOLAS Compliant |



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