

MV DYNAMIC 7

FAST CREW / PILOT BOAT



TECHNICAL SPECIFICATIONS

| | | | |
|-----------------------|--------------------------------------|-------------|-----------|
| Class | : Bureau Veritas | Flag | : Panama |
| Year Built | : 2003 | GRT | : 18 Tons |
| Type of Hull | : Aluminium Alloy | NRT | : 5 Tons |
| Type of Vessel | : Fast Crew / Passenger / Pilot Boat | | |

MAIN PARTICULARS

| | |
|---------------------|-------------|
| Length Overall | : 12.80 m |
| Length Waterline | : 11.50 m |
| Beam (Maximum) | : 3.90 m |
| Draught (Full Load) | : 1.10 m |
| Depth at Sides | : 1.92 m |
| Weight (Full Load) | : 8.50 tons |

PERFORMANCE

| | |
|---------------|-----------------|
| Maximum Speed | : 20 - 22 Knots |
| Cruising | : 18 Knots |

TANK CAPACITIES

| | |
|-------------|-------------|
| Fuel Oil | : 1500 Ltrs |
| Fresh Water | : 300 Ltrs |

PAINTS and COATINGS

Painting to Colour with Marine Polyurethane paint

CONSTRUCTION MATERIAL

| | |
|--|----------------|
| Welded Aluminium Hull | |
| Bottom of Hull | : 5.0 mm |
| Side of Hull | : 4.0 mm |
| Main Decks | : 4.0 mm |
| Superstructure | : 3.0 mm |
| Insert Plate above propeller shaft position and engine bed | : 8 mm - 12 mm |

PROPULSION SYSTEM

| | |
|-------------|---|
| Main Engine | : 2 x Cummins 6 CTA 8.3 M, 350 BHP |
| Propeller | : 2 x 660 / 4 Bladed Ni-A1 Bronze Propeller |

AUXILIARY EQUIPMENT

| | |
|------------|--|
| Generator | : 1 x 9EFOZ Kohler Marine Diesel Generator + 1 Stand by 5 KVA Air-cooled Gen |
| Rating | : 15 Kva, 12 Kw, Single Phase |
| Bilge / GS | : 4 x TMC Submersible Bilge Pump |

DECK EQUIPMENT

| | |
|---------|---------------------------|
| Anchors | : 1 x 17 Kg |
| Chain | : 1 x 1.5m Studlink Chain |
| Blower | : 2 x In - Line Blower |

JOINERY AND ARRANGEMENT OF SERVICE SPACES

Accommodation Room for 2 Persons
Daikin Split Air Conditioning (2 x 12,000 BTU)
Toilet
12 Passenger Seat + 2 Crew Seats

Cont'd Dynamic 7

NAUTICAL, NAVIGATION and COMMUNICATION EQUIPMENT

Navigation Lights and Switches
Masthead Lights, Search Light
Life Bouy Hooks

VHF Radio : Ray 45 Marine Radio
VHF Radio : ICOM ICM 304
Compass : Magnetic Compass
MLRGPSFX 312 GPS
GPS : System
Radar : ICOM 36NM - MR 1000R II
Depth System : ST 40 Depth System c/w
TH Plastic Transducer

FIRE FIGHTING EQUIPMENT and LIFE SAVING APPARATUS

Firefighting Equipment : 2 x 4.5 Kg Foam Fire Fighting
Life Saving Equipment : Life jacket

HULL and SUPERSTRUCTURE

Welded Aluminium Alloy Hull
Structure Frame (4 Watertight)
Wheelhouse
Welded Aluminium Tampered / Toughened
Glass Windows with Frame
Non-Slip Deck
Aluminium Fuel Tank

Stainless Steel Bow Rail
Stainless Steel Side Rail
Stainless Steel Aft Rail
Main Deck Engine Hatch
Aluminium Mooring Bitt
Aluminium Side Border
Fully Welded Strong Aluminium Engine Bed
Helmsman Chair and Commander Chair c/w
Base
Aft Lockable Door
Port Side Lockable Door
Rudder's Room Hatch
Tank's Room Hatch
Fender Eye Plates
Anodes Base
1 Marine Wiper & 1 Clear View
Hydraulic Steering Systems
Single Plate S/S Rudder
Wet Exhaust System

M/V DYNAMIC 7

G.A. PLAN