

## Mermaid Offshore Services Ltd.

(A Mermaid Maritime Subsidiary)

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### Dive / ROV Support Vessel

### Air & Gas Diving System

### Optional ROV Systems

### 4-Point Mooring Capability

### Proven Work History

# Mermaid Responder

(Ex MV Sea Tiger)



#### DIMENSIONS

Length Overall: 56.1 m  
Breadth moulded: 13.4 m  
Depth moulded: 5.1 m  
GRT / NRT 1190 / 357

#### MACHINERY

Main Propulsion: 2 x Caterpillar D-3512 TA V8  
BHP Total 2110 @ 1800 RPM  
Bow Thruster: Caterpillar 2406, 400 HP

Generators: 3 x Cat. D3406 230kW 50Hz  
1 x Cat. D3406 230kW 60Hz  
1 x Cat. D3304 75kW 50Hz

#### MOORING SYSTEM

4-Point Moored Vessel  
Flipper Delta Anchors 4 x 4 Tons  
Cable Length 762 m  
Capstans 2 x 5 ton  
Cable Size 32 mm

#### CAPACITIES

Fuel Oil: 516 m<sup>3</sup>  
Fresh Water: 580 m<sup>3</sup>  
Clear Deck Area: 220 m<sup>2</sup> 600 tons / 5T m<sup>2</sup>  
20.0m x 11.0 m

#### ELECTRONICS

Radars: 2 x Furuno  
Fathometer: 1 x Simrad ED161 / Chart & Digital  
Compass: Ritchie  
Autopilot: Tokyo Keiki MK-ES  
GPS: Furuno GP-80 / Koden KGP-913D DGPS

#### COMMUNICATIONS

Phone: Cellular  
Fax: W/Cel Tel. Interface  
Inmarsat C 1  
SSB Radio ICOM M-600 / All Band  
VHF Radio 2 x Sailor RT 144C  
Handheld VHF Radio 4 x Standard HX-220  
GMDSS Radio Furuno 1500-IT

#### REGISTRATION

Built: Oct 1983 – Maroil Shipyard, Singapore  
Port of Registry: Bangkok  
Call Sign: HSB3342  
Class: ABS  
Owners / Operators: Mermaid Offshore Services Ltd.

#### DECK MACHINERY

Crane: Allied Marine TB100-100  
Capacity: 12.5 Tons at 18.3m Jib Length, 9.1m Radius  
Auxiliary Crane HMF-M130  
Auxiliary Capacity 2.5 Tons

#### ACCOMMODATION (Total 58 berths)

Cabins / Berths: 18 / 58  
Other: 2 x Galleys, mess / recreation room  
Climate Control: 4 x Central / Split

#### DIVING SUPPORT

Air Spread 1 complete

#### ROV SUPPORT

ROV Optional Inspection or Work Class  
ROV Systems

#### MISCELLANEOUS

Deck Wood Sheathed Main Deck  
FRC/Workboat: Semi-Rigid FRC

Welding Machine: 5 x DC Machines  
Compressor: 2x I.R. 650 cfm x 125 psi  
Watermaker 20 Tons Per Day Maximum.

#### PERFORMANCE

Speed 10 knots  
Economic Speed 8 knots  
Fuel Consumption 314 litre/hour

**ROV Dive Support Vessel / 4-Point Mooring**