



# Anchor Handling Tug

Orient 6  
Orient 7

The **First Choice** for  
Marine Solutions in  
Asia Pacific

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## Principal Particulars

|                |                 |
|----------------|-----------------|
| Flag           | Taiwan          |
| Built          | 2008, Indonesia |
| Length Overall | 43.0 m          |
| Length B.P     | 40.2 m          |
| Beam           | 12.6 m          |
| Depth Moulded  | 5.6 m           |
| Max Draft      | 4.3 m           |
| Design Draft   | 4.0 m           |
| Deadweight     | 655 MT          |
| GT             | 816             |
| NT             | 245             |

## Classification

ABS ✕ A1 Towing Vessel, AH, (E), ✕ AMS  
And CR Equivalent

## Capacities

|                 |                     |
|-----------------|---------------------|
| Fuel Oil        | 622 m <sup>3</sup>  |
| Potable Water   | 130 m <sup>3</sup>  |
| Foam            | 10 m <sup>3</sup>   |
| Dispersant      | 10 m <sup>3</sup>   |
| Bilge           | 10 m <sup>3</sup>   |
| Deck Cargo Area | 160 m <sup>2</sup>  |
| Deck Cargo      | About 300 MT        |
| Cargo Deck Load | 5 MT/m <sup>2</sup> |

## Accommodation

|                |    |
|----------------|----|
| 1-Berth Cabins | 4  |
| 2-Berth Cabins | 2  |
| 4-Berth Cabins | 1  |
| 6-Berth Cabins | 2  |
| Berths – Total | 24 |
| Hospital       | 1  |
| Mess Room      | 1  |

## Machinery &amp; Propulsion Equipment

|                      |  |
|----------------------|--|
| Main Engines         | 2 x Yanmar 8N21A-EV Diesel<br>1,800 bhp each         |
| Generators           | 3 x Caterpillar 3412DITA<br>50 hz, 400 kW each       |
| Thrusters            | Tunnel Fwd: 1 x 6 MT, 380 kW,<br>Electrically Driven |
| Propulsion Thrusters | 2 x Fixed Pitch Propellers in Nozzles                |
| Rudders              | 2 x Rudders  |
| Auxiliary Crane      | 1 x 2.6 MT @ 20.7 m                                  |
| Fire Fighting        | FIFI ½   |

## Towing and Anchor Handling Equipment

|                                |  |
|--------------------------------|--|
| Anchor Handling & Towing Winch | Brattvaag, 140 MT Brake<br>Waterfall Double Drum<br>2 x 52 mm x 1,000 m capacity |
| Shark Jaw                      | 1 Set Karmoy Shark Jaws  |
| Tow Pins                       | 1 Set Karmoy Tow Pins  |
| Stern Roller                   | 1.7 m dia x 4.4 m length   |
| Tugger Winch                   | 2 x 9.5 MT @ 36 m/min  |
| Bollard Pull                   | Approx. 50 MT  |

## Performance

|                  |          |
|------------------|----------|
| Service Speed    | 10 knots |
| Max Speed        | 12 knots |
| Economical Speed | 8 knots  |

