

## Tango 6 / Tango 7



### 3,200 BHP / 45 TBP / TWIN SCREW OCEAN GOING TUG

#### PRINCIPAL PARTICULARS

|                |                                       |
|----------------|---------------------------------------|
| Year Built     | 2007 / 2009                           |
| Flag           | Singapore                             |
| Call Sign      | 9V7249 / 9V7274                       |
| Builders       | Pacific Ocean Engineering and Trading |
| Official No    | 393411 / 393535                       |
| Classification | ABS *A1 + AMS Circle E                |

#### DIMENSIONS

|                  |                 |
|------------------|-----------------|
| Length Overall   | Approx. 29.50 m |
| Length BP        | Approx. 28.36 m |
| Length Waterline | 28.00 m         |
| Beam Moulded     | 9.0 m           |
| Depth Moulded    | 4.16 m/ 4.25 m  |
| Design Draft     | 3.5 m           |
| Draft maximum    | 3.90 m          |
| GRT              | 249             |
| NRT              | 74              |

#### PERFORMANCE DATA

|              |                                 |
|--------------|---------------------------------|
| Speed        | Approx. 11 knots @ free running |
| Bollard Pull | Approx. 45 tons                 |

#### TANK CAPACITIES

|             |   |
|-------------|---|
| Fuel Oil    | Approx. 165.9 m <sup>3</sup> / 200.0 m <sup>3</sup> |
| Fresh Water | Approx. 24.0 m <sup>3</sup> / 27.0 m <sup>3</sup>   |

#### MACHINERY & EQUIPMENT

|                          |   |
|--------------------------|---|
| Main Engines & Gearboxes | 2 x YANMAR 8N21A-SN, each 1600 PS @ 850 rpm c/w YANMAR YX-1800C gearbox, ratio 3.01:1 |
| Steering Gears           | Electro-hydraulic, 1.25T.M per cylinder   |
| Generators               | 2 x Volvo Penta diesel engine. Type d7a-ta  |

#### MACHINERY & EQUIPMENT (cont'd)

|                     |   |
|---------------------|---|
| Bow Thruster        | 1 x Electric driven tunnel bow thruster Schottel STT 060T LK, capacity 1 Ton      |
| Air Compressor      | 2 x 17 M3/hr, electric motor driven 415/3/50, 3.7 kW                              |
| Anchors             | 2 x 480 kg stockless bower anchors  |
| Anchor Chain Cables | 412.5 m total length, 22 mm dia., grade 2 steel stud link chains                  |
| Anchor Windlass     | 1 electro hydraulic anchor windlass/winch of min speed: 2.1 Ton @ 12 m/min        |
| Mooring Lines       | 1 x 220 m of 5500 kg breaking strength  |
| Propellers          | 2 x KAPLAN Ni-Al-Bronze   |
| Towing Winch        | 1 unit electro-hydraulic single drum 40 ton pull @ 7 m/min. Brake Strength 100 mt |
| Tow Hook            | 40 mt SWL   |

#### FIRE FIGHTING & SAFETY EQUIPMENT

|                     |              |
|---------------------|--------------|
| Fire Fighting & LSA | As per SOLAS |
|---------------------|--------------|

#### TANKS, PIPING & PUMPS

|                        |  |
|------------------------|--|
| Sewage Treatment Plant | 1 x Taiko Kikai SBT-15, comply with MARPOL 73/78 Capacity 15 person. |
| Oily Water Separator   | 0.5 m <sup>3</sup> /hr pump  |

#### ACCOMMODATION

|                     |
|---------------------|
| 2 x 1-man cabin     |
| 1 x 2-man cabin     |
| 2 x 4-man cabin     |
| Complement - 12 men |