

# AHTS

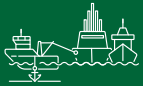


VESSEL CAPABILITIES

OFFSHORE TOWAGE



STATION KEEPING



# POSH CHAMPION

## Vessel Information

The POSH Champion, an Anchor Handling Tug Supply (AHTS) vessel with 16,000 BHP, 201.56 tonnes of bollard pull (TBP), and DP2 dynamic positioning, is designed for towing, rig positioning, and anchor handling operations, as well as transporting supplies to offshore oil platforms.

- Length 75.27m X Beam 18m
- Deck Area 516m<sup>2</sup>
- Accommodation for 30 Persons
- 201.56 TBP
- Fi-Fi Class 1
- Equipped DP2 for precise manoeuvrability
- Top Speed 14 Knots
- Designed to support various offshore operations, such as towing, positioning and anchor handling.

## PRINCIPAL PARTICULARS

|                      |   |
|----------------------|---|
| YEAR BUILT           | 2011  |
| FLAG                 | Singapore   |
| CALL SIGN            | 9V8180  |
| BUILDERS             | USC Keihin Shipyard, Yokohama, Japan  |
| OFFICIAL NO          | 9514274   |
| CLASSIFICATION (ABS) | ✘ A1, Towing Vessel, Fire Fighting Vessel Class 1, Offshore Support Vessel AH, (E), ✘ AMS, ✘ ACCU, MLC-ACCOM, ✘ DPS-2 |

## DIMENSIONS & TONNAGE

|                      |        |
|----------------------|--------|
| LENGTH OVERALL (LOA) | 75.27m |
| BEAM OVERALL (BOA)   | 18m    |
| DEPTH MOULDED        | 8.10m  |
| DRAFT (DESIGN)       | 6m     |
| DRAFT (MAXIMUM)      | 6.6m   |
| DISPLACEMENT         | 6,080T |
| GROSS TONNAGE        | 3,261T |
| NET TONNAGE          | 978T   |
| DWT 6.6m DRAFT       | 3,186T |

## MAIN PROPULSION & MACHINERY

|                      |  |
|----------------------|--|
| STERN THRUSTER       | Kawasaki 1 x Tunnel Thruster @ 800kW (12T)             |
| BOW THRUSTERS        | Kawasaki 2 x Tunnel Thruster @ 800kW (12T)             |
| MAIN GENERATORS      | Wartsila / 12V32, 2 x 8,000BHP each                    |
| SHAFT GENERATORS     | AVK (Wartsila), 2 x 2,240kW each                       |
| DIESEL GENERATORS    | Caterpillar C18 / SR4, 2 x 500kW each                  |
| EMERGENCY GENERATORS | Caterpillar C4.4 / LSA 44.2 S7, 1 x 72kW each          |
| PROPELLERS           | Wartsila, 4 Bladed, 2 x CP Propellers in fixed nozzles |
| RUDDERS              | Rolls Royce 2 x independent high lift flap type        |

## DYNAMIC POSITIONING EQUIPMENT

|                     |  |
|---------------------|--|
| DP CLASS / MODEL    | DP 2, Convertteam ADP21 - Independent Joystick |
| POSITION REFERENCES | 2 x DGPS, Cyscan, 1 x Mini Rada-Scan, 2 x VRU  |

## CRANE & DECK EQUIPMENT

|                      |  |
|----------------------|--|
| FIXED CRANE          | SWL 5T @ 14m radius (TTS)  |
| MOVABLE CRANE        | SWL 4.5T @ 13m radius (Triplex)                                    |
| DECK CARGO AREA      | 516m <sup>2</sup>  |
| DECK CARGO DIMENSION | 34.4m x 15m  |
| DECK CARGO CAPACITY  | 1,000T   |
| DECK STRENGTH        | 10T/m <sup>2</sup> (Aft to Fr.16); 5T/m <sup>2</sup> (Fr.16-Fr.51) |
| REEFER POINTS        | 8(4 x 440v, 4 x 220v)  |

## CAPACITIES

|                             |                       |
|-----------------------------|-----------------------|
| FUEL OIL                    | 1793m <sup>3</sup>    |
| POTABLE WATER               | 590.9m <sup>3</sup>   |
| ENDURANCE                   | 32 days @ 75% ME Load |
| DRILL WATER / BALLAST WATER | 705.8m <sup>3</sup>   |

## DISCHARGING RATES

|                  |                                    |
|------------------|------------------------------------|
| FRESH WATER/PUMP | 1 x 200m <sup>3</sup> /hr@90m head |
| FUEL/PUMP        | 1 x 150m <sup>3</sup> /hr@90m head |

## TOW/ANCHOR HANDLING WIRES

|                      |                 |
|----------------------|-----------------|
| MAIN TOW WIRE        | 1,500m x 76mm Ø |
| SPARE TOW WIRE       | 1,500m x 76mm Ø |
| ANCHOR HANDLING WIRE | 1,500m x 76mm Ø |

## MOORING EQUIPMENT

|                 |                                   |
|-----------------|-----------------------------------|
| ANCHOR          | 2 x HHP Stockless Anchor, 2,138kg |
| ANCHOR CHAIN    | 2 x 495m x 46mm Ø                 |
| ANCHOR WINDLASS | 15T @ 12m/min                     |

## SPEED

|                             |          |
|-----------------------------|----------|
| ECONOMICAL SPEED            | 10 Knots |
| MAXIMUM SPEED MINIMUM DRAFT | 14 Knots |

## ANCHOR HANDLING / TOW EQUIPMENT

|                           |  |
|---------------------------|--|
| TOW/ANCHOR HANDLING WINCH | Rolls-Royce/Reverse Waterfall/1 x SL350W/BSL350W |
| STALL PULL CAPACITY       | 350T   |
| BRAKE HOLDING CAPACITY    | 450T @ 1 <sup>st</sup> layer of rope of the drum |
| TOW DRUM CAPACITY         | 2,500m x 77mm Ø                                  |
| ANCHOR HANDLING CAPACITY  | 2,500m x 77mm Ø                                  |
| SECONDARY WINCH CAPACITY  | NIL  |
| STORAGE REEL CAPACITY     | 2 x 1,500m x 77mm Ø                              |
| TUGGER WINCH              | Rolls-Royce 2 x 10T each                         |
| CAPSTAN                   | 2 x 10T each                                     |
| SHARK JAWS                | 2 x Triplex H-500 (SWL 500T)                     |
| TOW PINS                  | 2 x Triplex S-200 (SWL 200T vertical)            |
| STERN ROLLER              | 5m x 3m Ø (SWL 500T)                             |
| GYPSIES                   | 2 x 76mm + 2 x 84mm                              |
| CHAIN LOCKER              | 2 x 102m <sup>3</sup>                            |

## LSA/FFA EQUIPMENT

|                      |                             |
|----------------------|-----------------------------|
| FIREFIGHTING SYSTEM  | Fifi 1                      |
| FIFI PUMP            | 2 x 1,762m <sup>3</sup> /hr |
| FIFI MONITORS        | 2 x 1,200m <sup>3</sup> /hr |
| SPRAY BOOMS          | 2 x 6m/Fixed nozzle         |
| DISPERSANT CAPACITY  | 12.19m <sup>3</sup>         |
| FOAM CAPACITY        | 23.53m                      |
| RESCUE BOAT & DAVITS | 1 x 15man/water-jet/144 hp  |
| LIFEBOATS & DAVITS   | 2 x 50 POB Lifeboats        |
| LIFE RAFTS           | 6 x 16 POB Life raft        |

## ACCOMMODATION

|                      |                                     |
|----------------------|-------------------------------------|
| BERTH TOTAL          | 30                                  |
| CABIN CONFIGURATIONS | 14 Singles, 6 Doubles, 1 Quadruples |