

# AHTS



## VESSEL CAPABILITIES

### OFFSHORE TOWAGE



### SUPPLY LOGISTICS



# POSH SPRINGBOK

## Vessel Information

The POSH Springbok is a shallow-water Anchor Handling Tug Supply (AHTS) vessel equipped with 5,150 BHP and a 60-tonne bollard pull (TBP). Designed specifically for operations in shallow waters, AHTS vessels like the POSH Springbok excel in supporting offshore oil and gas projects, anchor handling for rigs and barges, towing operations, and providing supply and logistical support in coastal and nearshore environments.

- Length 64m X Beam 18.5m
- Deck Area 400m<sup>2</sup>
- Accommodation for 25 Persons
- 60 TBP
- Fi-Fi Class 1
- Top Speed 12 Knots
- Designed to support various offshore operations, such as towing, positioning and anchor handling.

## PRINCIPAL PARTICULARS

|                      |  |
|----------------------|--|
| YEAR BUILT           | 2017   |
| FLAG                 | Singapore  |
| CALL SIGN            | 9V5362   |
| BUILDERS             | Paxocean Engineering Zhuhai Co Ltd   |
| OFFICIAL NO          | 9830317  |
| CLASSIFICATION (ABS) | ✘A1 Offshore Support Vessel (AH-TOW, Supply-HNLS, OSR-C2, FFV1), Ⓢ, ✘AMS, ✘ACCU, SPS, MLC-ACCOM, ENVIRO, UWILD, RW |

## DIMENSIONS & TONNAGE

|                      |        |
|----------------------|--------|
| LENGTH OVERALL (LOA) | 64m    |
| BEAM OVERALL (BOA)   | 18.5m  |
| DEPTH MOULDED        | 5.6m   |
| DRAFT (DESIGN)       | 3.2m   |
| DRAFT (MAXIMUM)      | 4.6m   |
| DISPLACEMENT         | 4,208T |
| GROSS TONNAGE        | 2,252T |
| NET TONNAGE          | 675T   |
| DWT 6.6m DRAFT       | 2,458T |

## MAIN PROPULSION & MACHINERY

|                      |   |
|----------------------|---|
| BOW THRUSTERS        | 2 x 550kW transverse tunnel type                        |
| MAIN ENGINE          | 2 x Caterpillar 3516C1, 1920kWeach (Total 5,150 BHP)    |
| SHAFT GENERATORS     | 2 x 1,500kW   |
| DIESEL GENERATORS    | 2 x Caterpillar C18, 350kW each, 1 x Caterpillar C4.4   |
| EMERGENCY GENERATORS | 94kW  |
| PROPELLERS           | 2 x CP Propellers in fixed nozzles                      |
| RUDDERS              | China Empire Marine Equipment Factory 4.2m <sup>2</sup> |

## ACCOMMODATION

|                      |                                    |
|----------------------|------------------------------------|
| BERTH TOTAL          | 25                                 |
| CABIN CONFIGURATIONS | 7 Singles, 7 Doubles, 1 Quadruples |

## CRANE & DECK EQUIPMENT

|                      |   |
|----------------------|---|
| FIXED CRANE          | 1 x electro-hydraulic knuckle crane SWL 3.0T@16m radius |
| DECK CARGO AREA      | 400m <sup>2</sup>                                       |
| DECK CARGO DIMENSION | 27.6m x 14m   |
| DECK CARGO CAPACITY  | 800T  |
| DECK STRENGTH        | 5T/m <sup>2</sup>                                       |
| REEFER POINTS        | 2x50Amp,440/3/6, 2x50Amp,220/3/60                       |

## CAPACITIES

|                             |                             |
|-----------------------------|-----------------------------|
| FUEL OIL                    | 428m <sup>3</sup>           |
| POTABLE WATER               | 325m <sup>3</sup>           |
| DRILL WATER / BALLAST WATER | 986m <sup>3</sup>           |
| MUD/BRINE TANK              | 250.6m <sup>3</sup>         |
| DRY BULK                    | 113m <sup>3</sup> (4 tanks) |

## DISCHARGING RATES

|                  |                                   |
|------------------|-----------------------------------|
| FRESH WATER/PUMP | 1 x 100m <sup>3</sup> /hr @ 10bar |
| DRILL WATER/PUMP | 1 x 100m <sup>3</sup> /hr @ 10bar |
| FUEL/PUMP        | 1 x 100m <sup>3</sup> /hr @ 10bar |
| BRINE/PUMP       | 1 x 70m <sup>3</sup> /hr @ 7bar   |
| LIQUID MUD/PUMP  | 1 x 70m <sup>3</sup> /hr @ 7bar   |
| DRY BULK TANK    | 2 x 50m <sup>3</sup> /hr @ 5.6bar |

## TOW/ANCHOR HANDLING WIRES

|                      |               |
|----------------------|---------------|
| MAIN TOW WIRE        | 600m x 56mm Ø |
| SPARE TOW WIRE       | 600m x 56mm Ø |
| ANCHOR HANDLING WIRE | 100m x 56mm Ø |

## MOORING EQUIPMENT

|                 |   |
|-----------------|---|
| ANCHOR          | 2 x HHP Stockless Anchor, ANCHOR TOTAL WEIGHT: 1860Kg WEIGHT OF ANCHOR HEAD: 1270Kg |
| ANCHOR CHAIN    | 2 x 12 shackles 38mm Ø Grade 3 stud links chains                                    |
| ANCHOR WINDLASS | 9T @ 9m/min   |

## ANCHOR HANDLING / TOW EQUIPMENT

|                           |                             |
|---------------------------|-----------------------------|
| TOW/ANCHOR HANDLING WINCH | 1x Hydraulic Waterfall Type |
| STALL PULL CAPACITY       | 150T                        |
| BRAKE HOLDING CAPACITY    | 200T                        |
| TOW DRUM CAPACITY         | 600m x 56mm Ø               |
| ANCHOR HANDLING CAPACITY  | 100m x 56mm Ø               |
| STORAGE REEL CAPACITY     | 600m x 56mm Ø               |
| TUGGER WINCH              | 2 x 10T each                |
| CAPSTAN                   | 2 x 5T each                 |
| SHARK JAWS                | 1 x SWL 200T                |
| TOW PINS                  | 1 x SWL 200T                |
| STERN ROLLER              | 6.2m x 1.5m Ø (SWL 200T)    |
| GYPSIES                   | 3 STUD LINK CHAIN           |
| CHAIN LOCKER              | 2 (CHAIN LOCKER P& STB)     |

## LSA/FFA EQUIPMENT

|                      |  |
|----------------------|--|
| FIREFIGHTING SYSTEM  | Fifi 1   |
| FIFI PUMP            | 2 x 1,780m <sup>3</sup> /hr  |
| FIFI MONITORS        | 2 x 1,200m <sup>3</sup> /hr (water) / 2 x 300m <sup>3</sup> /hr (foam) |
| SPRAY BOOMS          | 2 x 12m each side  |
| DISPERSANT CAPACITY  | 17.7m <sup>3</sup>   |
| FOAM CAPACITY        | 21.3m  |
| RESCUE BOAT & DAVITS | 1 x 9 POB  |
| LIFE RAFTS           | 4 x 25 POB Life raft   |
| LIFE BUOYS           | 10   |

## SPEED

|                             |          |
|-----------------------------|----------|
| ECONOMICAL SPEED            | 10 Knots |
| MAXIMUM SPEED MINIMUM DRAFT | 12 Knots |