



Anchor Handling Tug Supply Vessels - Pacific Phoenix

The P Class vessels offer excellent value to clients because of the fuel efficient design. As with the majority of the fleet, these vessels are equipped with a high specification 150-tonne line pull anchor handling and towing winch system. These lower horsepower offshore vessels offer the versatility to carry out a wide range of tasks, from supporting tanker offtakes, ROV spreads to FPSO positioning and construction support.

The P Class vessels are:

| | | |
|------------------|-----------------|------------------|
| Pacific Panda | Pacific Patriot | Pacific Phoenix |
| Pacific Papillon | Pacific Peacock | Pacific Porpoise |
| Pacific Parakeet | Pacific Pelican | Pacific Python |
| Pacific Parrot | Pacific Petrel | |

Top Features

1. High specification winch & line pull.
2. Ideal for field support & towing operations.
3. DPS(1) Classification.

Key Specifications

- Bollard Pull - 64 t
- Free Deck Area - 330 m²
- Brake Horsepower - 5147 bHP
- Winch Line Pull - 150 t



| General Information | |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Vessel Name | Pacific Phoenix |
| Built | Qingdao Qianjin Shipyard, China, June 2011 |
| Flag | Singapore |
| Call Sign | 9V7612 |
| IMO No. | 9503419 |
| Classification | |
| Class Notation | DNV-GL +1A Fire fighter(I) Offshore service vessel(Anchor handling, Towing) DPS(1) |
| Dimensions | |
| Length (LOA) | 57.5 m |
| Beam | 14.0 m |
| Summer Draft | 5.10 m |
| Deadweight @ SummerDraft | 1551 t |
| GT | 1329 |
| Deck Capacities | |
| Deck Load Capacity | 500 t |
| Deck Strength | 5 t/m ² - General Deck |
| Free Deck Area | 330 m ² |
| Length x Width | 30 x 11 m |
| Tank Capacities | |
| NLS | See brine/mud |
| Brine / Mud | 147 m ³ Brine (Multi usage tanks) 332 m ³ Mud (Multi usage tanks, dedicated 185 m ³) |
| Drill / Ballast Water | 372 m ³ |
| Dry Bulk | 140 m ³ (In 4 dedicated tanks) |
| Fresh Water | 397 m ³ |
| Fuel Dedicated | 566 m ³ |
| Fuel Total | 566 m ³ |

| Tank Capacities Details | Refer to Tank Capacities Table |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Drilling Brine | See brine/mud |
| Propulsion / Bollard Pull | |
| Main Engines | 2 x Yanmar 6EY26 diesel engines each 1920 kW = 3840 kW (5147 bHP), Twin CPP propellers in KORT nozzles with Hi-lift flap rudders |
| Thrusters | 1 x Bow tunnel 500 kW / 670 bHP 1 x Stern tunnel 500 kW / 670 bHP |
| Bollard Pull | 64 t @ 100% MCR |
| Deck Equipment | |
| Anchor Handling Winch | 1 x AH winch 150 t 1st layer @ 0-7 m/min Wire capacity 1200 m of 64 mm dia. |
| Towing Pins | 2 x Karmoy 160 t SWL |
| Shark Jaws | 1 x Karmoy 300 t SWL |
| Stern Roller | RRM 2.0 m x 4.0 m @ 250 t SWL |
| Capstans | 2 x Capstans, 1 x fixed warping head 410 mm x 575 mm @ approx. 7 t at 0-15m/min |
| Tugger Winches | 1 x 10 t pull at approx. 0-15m/min, 150 m of 22 mm wire |
| Provision Crane | Electric Hydraulic, Fixed Boom Capacity 1.5 t @ 8 m |
| Chain Gypsies | 1 x 76 mm mounted on work drum |
| Performance & Economy | |
| Economical Speed | Approx. 10.5 m ³ /Day @ 10 knots |
| DP<20% | Approx. 4.5 m ³ /Day |
| DP>35% | Approx. 5.6 m ³ /Day |

All the information in this document are provided in good faith without any guarantee. No warranty is made, and no liability is assumed, in respect of the accuracy or completeness of any information in this document, which may be subject to change without prior notice. Please contact Swire Pacific Offshore Operations Pte Ltd to verify the information in this document prior to using or relying on any of the information in this document.

Rev 5.0 27/11/2019

| | |
|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Standby in Field | Approx. 4 m ³ /Day |
| Standby in Port | Approx. 0.9 m ³ |
| Note | Performance & Economy figures are given at mean vessel draft of 4.5 m (1140 t deadweight) & Beaufort Scale 2 |
| Dynamic Positioning System | |
| Type | GE DPS-11 Simplex DP System |
| Reference Systems | 1 x Fanbeam 1 x Veripos DGNSS |
| Motion Reference Units | 1 x VRU 2 x Anemometers 2 x Gyros Compasses |
| Rescue Boat | |
| 1. 1 x Maritime Partner MP111 TWJ 10 person, SOLAS approved FRDC, with 2 x diesel inboard | |
| 2. 1 x Vanguard VG 6.0 FRW, 15 persons, SOLAS Approved FRB with inboard diesel waterjet | |
| Accommodation | |
| Person Capacity | Total 22 4 x 1man cabin 5 x 2man cabins (Including hospital) 2 x 4man cabins |

Tank Capacities Table

| P Class (IMT Design) Tank Capacities @ 100% | | | | | | |
|-------------------------------------------------------------------|---------|---------|---------|---------|---------|---------|
| Tank | Volume | WB/DW | FW | FO | Brine | Mud |
| 1 BW Forepeak | 33.643 | 33.643 | | | | |
| 2 FW Deep Tk 1P | 101.793 | | 101.793 | | | |
| 3 FW Deep Tk 1S | 98.138 | | 98.138 | | | |
| 4 FO DB Tk 3C | 32.863 | | | 32.863 | | |
| 6 BW DB Tk 2P | 55.558 | 55.558 | | | | |
| 7 BW DB Tk 2S | 36.527 | 36.527 | | | | |
| 8 FO DB/Wing Tk 4P | 79.509 | | | 79.509 | | |
| 9 FO DB/Wing Tk 4S | 71.009 | | | 71.009 | | |
| 14 FO Settling Tk P | 22.737 | | | 22.737 | | |
| 17 FO Service Tk P | 12.695 | | | 12.695 | | |
| 18 FO Service Tk S | 12.695 | | | 12.695 | | |
| 19 FO DB Tk 5P | 31.071 | | | 31.071 | | |
| 20 FO DB Tk 5S | 36.832 | | | 36.832 | | |
| 23 Brine/Mud Tk 1P | 73.632 | | | | 73.632 | 73.632 |
| 24 Brine/Mud Tk 1S | 73.632 | | | | 73.632 | 73.632 |
| 25 Mud Tk 2P | 55.638 | | | | | 55.638 |
| 26 Mud Tk 2S | 55.638 | | | | | 55.638 |
| 27 FO DB Tk 6C | 59.055 | | | 59.055 | | |
| 28 FO DB Tk 6P | 45.213 | | | 45.213 | | |
| 29 FO Wing Tk 7P | 58.697 | | | 58.697 | | |
| 30 FO DB Tk 6S | 45.213 | | | 45.213 | | |
| 31 FO Wing Tk 7S | 58.697 | | | 58.697 | | |
| 32 BW Deep Tk 8P | 82.988 | 82.988 | | | | |
| 33 BW Deep Tk 8S | 82.988 | 82.988 | | | | |
| 34 Mud Tk 3P | 36.578 | | | | | 36.578 |
| 35 FW Deep Tk 9P | 72.618 | | 72.618 | | | |
| 36 FW Deep Tk 9S | 73.378 | | 73.378 | | | |
| 37 BW Aft Peak P | 40.081 | 40.081 | | | | |
| 38 BW Aft Peak S | 40.081 | 40.081 | | | | |
| 39 Mud Tk 3S | 36.578 | | | | | 36.578 |
| 40 FW Tk 8C | 50.803 | | 50.803 | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| Dedicated Tanks: | @ 100% | 371.866 | 396.73 | 566.286 | | 184.432 |
| With Multiuse Tanks: | @ 100% | | | | 147.264 | 331.696 |
| | | WB/DW | FW | FO | Brine | Mud |
| Bulk Capacity of 140 m³ in four dedicated tanks | | | | | | |

All the information in this document are provided in good faith without any guarantee. No warranty is made, and no liability is assumed, in respect of the accuracy or completeness of any information in this document, which may be subject to change without prior notice. Please contact Swire Pacific Offshore Operations Pte Ltd to verify the information in this document prior to using or relying on any of the information in this document.