



Anchor Handling Tug Supply Vessels - Pacific Porpoise

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 Porpoise |
| Pacific Peacock | Pacific Python |
| Pacific Phoenix | |

| Top Features | Key Specifications |
|--|---|
| <ol style="list-style-type: none"> 1. High specification winch & line pull. 2. Ideal for field support & towing operations. 3. Upgradeable to DP1 notation. | <ul style="list-style-type: none"> • Bollard Pull - 63.5 t • Free Deck Area - 330 m² • Brake Horsepower - 5147 bHP • Winch Line Pull - 150 t |

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| General Information | |
|--------------------------|---|
| Vessel Name | Pacific Porpoise |
| Built | Qingdao Qianjin Shipyard, China, November 2011 |
| Flag | Vanuatu |
| Call Sign | YJQA5 |
| IMO No. | 9503421 |
| Classification | |
| Class Notation | DNV-GL +1A Fire fighter(I) Offshore service vessel(Anchor handling, Towing) |
| Dimensions | |
| Length (LOA) | 57.5 m |
| Beam | 14.0 m |
| Summer Draft | 5.10 m |
| Deadweight @ SummerDraft | 1529 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 | 63.5 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 18 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 |

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| 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 1 x Anemometers 2 x Gyros Compasses |
| Rescue Boat | |
| 1, 1 x Vanguard VG 6.0 FRW, 15 person, 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 m ³ in four dedicated tanks | | | | | | |

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