Fleet Profile
The D Class vessels, built to Clean Class Design, SPS 2008 and Ice notations are equipped with powerful, large capacity 500-tonne RRM Brattvaag winches. They are powered to support the latest generation semi-submersible rigs operating in harsh deepwater environments and have sufficient cargo capacity and clear deck space for a wide range of other offshore applications. The vessels are equipped with the latest Dynamic Positioning (DP) technology, enhanced station keeping (high ERN) with an independent drop down azimuth thruster, Anchor Recovery Frame (ARF) and Deck travelling cranes, all of which contribute considerably to improving safety during demanding deck anchor handling operations. The vessels are designed to be fuel-efficient, to reduce environmental impact in whatever role they are deployed to perform.

The C Class vessels boast a 400-tonne line pull Brattvagg winch with triple drums, perfect for mooring semi subs or FPSOs in over 1,000 metres of water, and the secondary spooling winch has a total of 8 km of 76 mm wire storage capacity. The vessel’s tanks are configured to handle more than 1,300 m³ of recovered oil, in the event she is called upon to respond to a spill. Certified by DNV as having “Clean Design”, this tonnage has lower emissions to atmosphere from all the machinery including the refrigerant gases. Travelling cranes and wire winder tows are also provided for safe deck anchor handling.
The B Class vessel, built in Norway, has both the horsepower and high specification machinery to undertake a wide variety of difficult and complex offshore tasks. This vessel is ideal for every type of offshore operation, from deepwater anchor handling to permanent field support.

- Pacific Buccaneer 1997 (DP1 not classed)

The W Class vessels are ideal for all round semi-submersible rig support and have substantial power and winch capability to heave anchors and tow rigs while offering sizeable cargo capacity. These UT710 designs are renowned for their excellent station keeping in rough weather. The Class is equipped with Dynamic Positioning (DP2), and have a 300-tonne RRM Brattvaag winch.

- Pacific Warlock 2003 (DP2)
- Pacific Wizard 2003 (DP2)
- Pacific Wrangler 2003 (DP2)
- Pacific Wrestler 2003 (DP2)
- Pacific Wyvern 2003 (DP2)

The V Class vessels have been designed with a large deadweight capacity of approximately 2,500 tonnes and a fuel efficient power plant sufficient to give 120-tonne Bollard Pull. These attributes position them perfectly to tow a variety of rigs and deliver great efficiency in supply mode. The Class is equipped with the latest in Dynamic Positioning Capability and FiFi technology.

- Pacific Vigilance 2010 (DP2)
- Pacific Vigour 2010 (DP2)
- Pacific Vulcan 2010 (DP2)
- Pacific Valour 2009 (DP2)
- Pacific Vixen 2009 (DP2)
- Pacific Valkyrie 2008 (DP2)

- Pacific Warden 2002 (DP2)
- Pacific Warrior 2002
- Pacific Worker 2002 (DP2)
- Pacific Vanguard 2008
- Pacific Victory 2008 (DP2)
- Pacific Viper 2008 (DP2)
- Pacific Valhalla 2007 (DP2)

B Class

<table>
<thead>
<tr>
<th>Bollard Pull</th>
<th>Brake Horsepower</th>
<th>Clear Deck Space</th>
<th>Winch Line Pull</th>
</tr>
</thead>
<tbody>
<tr>
<td>148 tonnes</td>
<td>12,064 BHP</td>
<td>401 m²</td>
<td>300 tonnes</td>
</tr>
</tbody>
</table>

W Class

<table>
<thead>
<tr>
<th>Bollard Pull</th>
<th>Brake Horsepower</th>
<th>Clear Deck Space</th>
<th>Winch Line Pull</th>
</tr>
</thead>
<tbody>
<tr>
<td>136 - 144 tonnes</td>
<td>10,657 BHP</td>
<td>471 m²</td>
<td>300 tonnes</td>
</tr>
</tbody>
</table>

V Class

<table>
<thead>
<tr>
<th>Bollard Pull</th>
<th>Brake Horsepower</th>
<th>Clear Deck Space</th>
<th>Winch Line Pull</th>
</tr>
</thead>
<tbody>
<tr>
<td>108 - 126 tonnes</td>
<td>8,807 BHP</td>
<td>425 m²</td>
<td>250 - 255 tonnes</td>
</tr>
</tbody>
</table>
The P Class vessels offer excellent value to clients because of its 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 huge range of tasks, from supporting ROV spreads to FPSO positioning. The vessels are currently being upgraded to DP1.

The R Class vessels have been built according to an advanced UT738 design. The vessels are multi-purpose anchor handlers, designed to support jack-up rigs and offshore installations. With a large accommodation capacity, plenty of clear back deck space, as well as Dynamic Positioning capabilities (DP1 or DP2), the Class is also ideal for ROV operations.
The L Class vessels are designed to be fuel-efficient and are equipped with newly developed efficient propulsion pods, a four-engine diesel electric power plant and large cargo carrying capacity, making them well suited to deepwater supply. These FiFi1, DP2 vessels are SPS Compliant and Clean Class. The vessels' high environmental regularity number (ERN) is complemented by their excellent manoeuvrability.

The H Class boasts a 4,706-tonne deadweight cargo carrying capacity to support offshore platform, semi-submersible or jack up supply. With its large deck area and accommodation capacity of 44 persons, the vessel is able to support offshore construction work. The vessel is also fitted with methanol tanks. The four-engine diesel electric power generation plant provides very economic fuel operations at all times, in addition to which the high efficiency Rolls Royce "Contra Rotating" propellers provide further fuel savings of 10 - 15%. The H Class is certified by DNV for “Clean Design”, resulting in lower emissions to atmosphere from all machinery including refrigerant gases.
The G Class vessels with their 4,000-tonne deadweight, are powered by a four-engine diesel electric propulsion plant, equipped with highly efficient counter rotating azimuth thrusters ensuring excellent fuel efficiency. These FiFi1, DP2 vessels with their high environmental regularity number (ERN), are SPS Compliant, Clean Class and built LFL* notation ready, to allow for future methanol carriage.

<table>
<thead>
<tr>
<th>G Class</th>
<th>A Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deadweight 4,054 - 4,103 tonnes</td>
<td>Deadweight 3,250 tonnes</td>
</tr>
<tr>
<td>Brake Horsepower 6,434 BHP</td>
<td>Brake Horsepower 6,300 BHP</td>
</tr>
<tr>
<td>Clear Deck Space 810 m²</td>
<td>Clear Deck Space 680 m²</td>
</tr>
<tr>
<td>Deck Cargo Capacity 1,750 tonnes</td>
<td>Deck Cargo Capacity 1,600 tonnes</td>
</tr>
</tbody>
</table>

The A Class vessels have a large back deck that can be loaded with up to 1,600 tonnes of deck cargo. Below deck, there are over 300 cubic metres of bulk cargo capacity and additional tanks for fuel, water, brine and liquid mud. These vessels have been designed with a moonpool, ensuring versatility for future roles in ROV support, well-testing or production support activities.
The two seismic survey vessels are designed to perform offshore seismic exploration and collect 2D and 3D geological data with minimal disruption to the environment. Delivered from ST Marine in Singapore in 2011, Pacific Finder has a fuel capacity to endure extended periods offshore and is purpose built for shallow water operations. Pacific Falcon was converted into a modern shallow water seismic vessel in 2008. The survey vessels are managed by SPO and have proven track records for delivering efficient services in different survey locations.

Operated by Swire Blue Ocean in Denmark, these two vessels are designed to safely undertake the toughest offshore construction operations. To handle the heaviest offshore components, they are equipped with a 1,200-tonne and 1,425-tonne main crane capable of operations both above and below sea level. For working in a harsh offshore environment, they have 6 x 105 metres lattice legs, a fast electric rack and pinion jacking system and spud cans designed to handle a range of seabed conditions. For speedy transit and reliable DP2 positioning, they are propelled by 4 x 3.4 mw stern azimuth and 2 x 2.2 mw bow tunnel plus 2 x 2.2 mw bow retractable azimuth thrusters. The vessels have a flexible diesel electric system that provides up to 24 mw of power.

Survey

- Pacific Finder 2011
- Pacific Falcon 2007 (DP2)

Subsea Vessels

- Seabed Constructor 2014 (DP2)
- Seabed Worker 2009 (DP2)
- Seabed Supporter 2014 (DP2)

Seabed Constructor 2014 (DP2) and Pacific Osprey 2013 (DP2) are operated by Swire Pacific Offshore in Norway. These versatile and modern Multi-Purpose Offshore Vessels are designed to perform a wide range of light construction, IMR and survey work scopes across both the oil & gas and renewables sectors. Heavy duty Work Class ROVs are permanently integrated into the vessels and deployed from AHC A-frame or moonpool LARS systems. The WROVs are the latest models from Schilling and Triton and are rated for 2,000 metres to 6,000 metres water depths. Company-owned modularised Observation class ROVs can also be fitted onboard. The vessels are suitable for conversion to Dive Support operations and have a track record for executing specialist ultra deepwater cargo recoveries at depths down to 4,700 metres.

Survey Class

- Pacific Finder 2011
- Pacific Falcon 2007 (DP2)
- Pacific Osprey 2013 (DP2)
- Pacific Orca 2012 (DP2)

Subsea Vessels

- Seabed Constructor 2014 (DP2)
- Seabed Worker 2009 (DP2)
- Seabed Supporter 2014 (DP2)

O Class

- Pacific Osprey 2013 (DP2)
- Pacific Orca 2012 (DP2)

Windfarm Installation Vessels

- Seabed Constructor 2014 (DP2)
- Seabed Worker 2009 (DP2)
- Seabed Supporter 2014 (DP2)
The K Class is a high-speed crew catamaran which provides a safe and cost-efficient transport alternative for the offshore energy industry. Equipped with state-of-the-art equipment for enhanced navigational capabilities, the catamaran is fitted with a DP2 DYNOPOS AUTR system for accurate station-keeping during passenger transfers offshore. The Walk-to-Work (WTW) gangway system installed on board allows offshore personnel transfer in a fast, easy and safe manner and can also be used for emergency evacuation. The catamaran is FFi1 capable and is powered by a water jet propulsion system with a four-engine configuration generating 11,520 kW (15,442 bhp), allowing a speed of up to 40 knots. Manned to operate 24/7, she can safely transport up to 90 passengers and carry deck cargo up to a maximum weight of 100 tonnes.

<table>
<thead>
<tr>
<th>Brake Horsepower</th>
<th>Cargo Space</th>
<th>Knots Speed</th>
<th>Seating Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>15,442 BHP</td>
<td>200 m²</td>
<td>40</td>
<td>90 passengers</td>
</tr>
</tbody>
</table>

The new I Class vessels, built to Shiptech design, saw the Company’s re-entry to this sector of the offshore market. These two sister vessels are configured with 372 berths. Drawing on the Company’s experience in the offshore supply sector, the vessels have capacity to carry liquids, mud and dry bulk. A large warehouse provides ample storage for project equipment and consumables. The vessels’ main crane is rated for offshore service, a maximum SWL of 200 tonnes and capable of operating to depths of 1,000 metres. The vessels were delivered with a “Green Passport”.

<table>
<thead>
<tr>
<th>Deadweight</th>
<th>Crane Capacity</th>
<th>Clear Deck Space</th>
<th>Accommodation</th>
</tr>
</thead>
<tbody>
<tr>
<td>7,226 - 7,817 tonnes</td>
<td>200 tonnes @ 20m radius</td>
<td>1,200 m²</td>
<td>236 - 372</td>
</tr>
</tbody>
</table>

- Pacific Intrepid 2013
- Pacific Installer 2012
- Pacific Kestrel 2016 (DP2)
Our Offices Across The Globe

Head Office

SINGAPORE
Swire Pacific Offshore Operations (Pte) Ltd
+65 6309 3600
info@swire.com.sg

Regional Offices

AUSTRALASIA
Swire Pacific Offshore Pty Limited
Fremantle, Western Australia
+61 8 9430 5434
spopty@spopty.com.au
Swire Pacific Offshore NZ Limited
New Plymouth, New Zealand
+64 6 751 3200
sponze@swire.co.nz

SOUTHEAST ASIA
Swire Pacific Offshore Operations (Pte) Ltd
Singapore Branch Office
Singapore
+65 6309 3600
info.sg@swire.com.sg
Kuala Lumpur, Malaysia
+60 3 7931 6211 / 7955 0522
wssb@wiraswire.com
Swire Pacific Offshore Operations (Pte) Ltd
Brunel Branch Office
Kuala Belait, Brunei
+673 3 342901 / 342782
info.bruneli@swire.com.sg
PT Swire Altus Shipping
Jakarta, Indonesia
+62 21 5785 4287 / 88
info.indonesia@swire.com.sg

MIDDLE EAST / SOUTH ASIA / CASPIAN SEA / SOUTH & EAST AFRICA
Swire Pacific Offshore (Dubai) (L.L.C)
Dubai, United Arab Emirates
+971 4 304 6100
info.dubai@swire.com.sg
Swire Pacific Offshore Operations Pte. Ltd
Abu Dhabi, United Arab Emirates
+971 502 645457
info.abudhabi@swire.com.sg
Swire Pacific Offshore (Dubai) (L.L.C)
c/o Darwish Marine
Doha, Qatar
+974 4462 6796
info@swire.qa
Swire Pacific Offshore Operations (Pte) Limited
India Branch Office
Mumbai, India
+91 22 6758 2700
info.india@swire.com.sg
Swire Pacific Offshore (Cyprus) Limited
Nicosia, Cyprus
info.cyprus@swire.com.sg
Swire Pacific Offshore (Caspian) LLC
Baku, Azerbaijan
+994 12 464 1021 / 22
info.caspian@swire.com.sg
Swire Serviços Marítimos, Lda
Luanda, Angola
+244 924 438688
info.angola@swire.com.sg
Swire Pacific Offshore Operations Pte Limited
Nairobi, Kenya
+254 75077 8333
info.kenya@swire.com.sg

WEST AFRICA / NORTH SEA
Swire Pacific Offshore Africa S.A.
Douala, Cameroon
+237 23 342 2433/2434/2464
info.waf@swire.com.sg
Swire Pacific Offshore Operations (Pte) Limited
Accra, Ghana
+233 302 730338
info.ghana@swire.com.sg
Swire Pacific Offshore Operations (Pte) Ltd
Malabo, Equatorial Guinea
+240 222 530749
portcaptain.malabo@swire.com.sg
Swire Pacific Offshore (North Sea) Limited
Aberdeen, Scotland
+44 1224 576930
info@swireabz.com

THE AMERICAS
Swire Pacific Offshore America LLC
Houston, USA
+1 281 210 5598
info.texas@swire.com.sg
Swire Pacific Navegação Offshore Ltda
Rio de Janeiro, Brazil
+55 21 3923 5931 / 5930
info.brazil@swire.com.sg
Swire Pacific Offshore Canada Limited
Nova Scotia, Canada
info.canada@swire.com.sg
Swire Pacific Offshore Limited
Port of Spain, Trinidad & Tobago
+1 832 727 7656
info.tt@swire.com.sg
Marine Services
Swire Seabed A/S
Bergen, Norway
☎ +47 5 518 1830
✉ post@swireseabed.com

Swire Blue Ocean A/S
Copenhagen, Denmark
☎ +45 32 463100
✉ info@swireblueocean.com

Swire Emergency Response
Singapore & Dubai, United Arab Emirates
24/7 Emergency Response Hotline:
☎ +65 6309 3699 / +44 1235 836060
✉ response@swire.com.sg

Swire Pacific Offshore Operations (Pte) Ltd
Survey Services Division
Singapore
☎ +65 6496 8280
✉ survey.services@swire.com.sg

Training
Swire Marine Training Centre (SMTC)
Singapore
☎ +65 6309 3750
✉ training@swire.com.sg

Manning
Swire Pacific Ship Management Ltd
Singapore Branch Office
Singapore
☎ +65 6309 3600
✉ recruitment@swire.com.sg

Anscor Swire Ship Management Corporation
Metro Manila, Philippines
☎ +63 2 847 2033 / 2035
✉ info@anscorswire.com

Swire Pacific Ship Management (Australia) Pty Limited
Fremantle, Western Australia
☎ +61 8 9430 5434
✉ confidential@spopty.com.au