



VESSELS

Construction /  
Flex-lay

Our Values



Safety



Integrity



Sustainability



Performance



Collaboration



Innovation



subsea 7

# Seven Pacific

## Vessel Info

Full specification overleaf

**Seven Pacific** is a construction / flex-lay vessel capable of operating in water depths of up to 3,000m.

- Length 134m x breadth 24m
- Deck area 1,700m<sup>2</sup>
- Accommodation for 100 persons
- Heave compensated 250t crane / 30t auxiliary crane
- Vertical lay system, 260t top tension
- 2x 1,250t carousels below deck and multiple reels on deck
- 2x work-class ROVs

## Fast Facts

- Ability to launch both ROVs in 4.6m significant wave heights
- Globally accepted reel-lay vessel, with successfully completed projects in Europe, Mediterranean, Gulf of Mexico and West Africa
- Proven track record in water depths from 40m to 3,000m
- 2,500t internal product storage capacity
- Designed and interfaced to support deck mounted multiple reel drive systems
- 980m<sup>2</sup> working deck with removable bulwarks to accommodate additional deployment platforms and chutes



Seven Pacific

subsea 7

### General Information

Classification	<b>Lloyds Register, +100A1, +LMC, UMS, DP (AA), CAC(1), EP(N), ICC, UD strength for load of 10t/m<sup>2</sup>, Heli landing area</b>
Built	<b>Merwede</b>
Delivery	<b>2010</b>
Flag State Authority	<b>Isle of Man</b>

### Principal Dimensions

Length Overall	<b>133.81m</b>
Breadth	<b>24.00m</b>
Depth to Maindeck	<b>10.00m</b>
Draught (design)	<b>6.75m</b>
Deadweight	<b>7,842.5t</b>
Gross Tonnage	<b>12,084</b>
Net Tonnage	<b>3,625</b>
Max Displacement	<b>15387.5t</b>

### Main Deck

Deck Area (Aft of moonpool)	<b>1,700m<sup>2</sup></b>
Deck Strength	<b>10t/m<sup>2</sup></b>

### Tank Capacities (100%)

Marine Gas Oil	<b>1,500m<sup>3</sup></b>
Potable Water	<b>600m<sup>3</sup></b>
Ballast Water	<b>3,100m<sup>3</sup></b>
Anti-Heel Tanks	<b>415m<sup>3</sup></b>
Stabiliser Tanks	<b>640m<sup>3</sup></b>
Technical FW (in WB Tanks)	<b>280m<sup>3</sup></b>

### Power and Propulsion

Main Engines / Generators	<b>2x 3,360kW + 2x 3,840kW (Wartsila diesel electric)</b>
Propulsion	<b>3x 2,500kW stern azimuth thrusters (Wartsila) 1x 2,400kW retractable bow azimuth thruster (Wartsila) 2x 1,500kW bow tunnel thrusters (Wartsila)</b>

### Vessel Speeds and Fuel Consumption

Maximum Speed	<b>12.8 knots</b>
Economic Speed	<b>9.5 knots</b>
Economic Speed Fuel Consumption	<b>31.2m<sup>3</sup>/day</b>

### DP Systems

DP Classification	<b>DP (AA) (Class II)</b>
DP System	<b>KPOS DP22 dual redundancy</b>
Reference Systems	<b>Wärtsilä CyScan unit 2x Veripos DGPS, 1x Seapath DGPS, 2x HiPAP 500 1x taut wire 1x Radius</b>

### Cranes

Huisman BV Main Deck Crane	<b>250t</b>
Main Deck Crane (Whip Line)	<b>20t</b>
National Oilwell Aft Deck Crane	<b>30t</b>
VLS Tower Crane	<b>20t</b>

### Pipelay Systems

The vessel is fitted with two underdeck storage carousels, each with a capacity for 1,250t of product. A vertical lay system (260t top tension capacity) is permanently installed for deployment of a range of flexible products.

### ROV Systems

The vessel is fitted with two over side cursor launched work-class Hercules ROVs rated to 3,000m.

### Moonpool

Number	<b>1</b>
Dimensions:	<b>7.5m x 7.05m</b>

### Helideck

D value	<b>22.2m</b>
T value	<b>12.8t</b>

The vessel is fitted with an approved and certified helideck suitable for Sikorsky S92 and Super Puma operations.

### Comms Systems

The vessel is fitted with an extensive communications system including a dual KU / C band Vsat satellite communication system, 2x Inmarsat C and Inmarsat F systems.

### Accommodation

100 persons	
Single Cabins (with dayroom)	<b>4</b>
Single Cabins	<b>34</b>
Double Cabins	<b>31</b>
Hospital (not included in total)	<b>2</b>



[client.enquiry@subsea7.com](mailto:client.enquiry@subsea7.com)



[www.subsea7.com](http://www.subsea7.com)

The Subsea7 fleet comprises of vessels that have exceptional versatility, capable of operations worldwide including; pipelay, construction, survey, remote intervention, diving support, heavy lifting operations, renewables and decommissioning.

