



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 1,700m²
- 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
- 980m² working deck with removable bulwarks to accommodate additional deployment platforms and chutes



Seven Pacific

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General Information

Classification	Lloyds Register, +100A1, +LMC, UMS, DP (AA), CAC(1), EP(N), ICC, UD strength for load of 10t/m², Heli landing area
Built	Merwede
Delivery	2010
Flag State Authority	Isle of Man

Principal Dimensions

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

Main Deck

Deck Area (Aft of moonpool)	1,700m²
Deck Strength	10t/m²

Tank Capacities (100%)

Marine Gas Oil	1,500m³
Potable Water	600m³
Ballast Water	3,100m³
Anti-Heel Tanks	415m³
Stabiliser Tanks	640m³
Technical FW (in WB Tanks)	280m³

Power and Propulsion

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

Speeds / Fuel Consumption

Maximum Speed	13.0 knots
Economic Speed	9.5 knots
Economic Speed Fuel Consumption	34.5m³/day

DP Systems

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

Cranes

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

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	1
Dimensions:	7.5m x 7.05m

Helideck

D value	22.2m
T value	12.8t

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)	4
Single Cabins	34
Double Cabins	31
Hospital	
(not included in total)	2



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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.

