

Seven Pacific

Construction/
Flex-lay

subsea 7



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
- 2 x 1,250t carousels below deck and multiple reels on deck
- 2 x work-class ROVs

General Information

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

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

Manoeuvring and Propulsion Systems

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

Dynamic Positioning Systems

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

Speed / Consumptions

Service Speed	13 knots (approx)
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Tank Capacities (100%)

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

Cargo Deck

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

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.

The vessel has a moonpool (7.5m x 7.05m).

Deck Cranes

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

ROV Systems

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

Accommodation

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

Helideck

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

D value	22.2m
T value	12.8t

Communications Systems

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

