



VESSELS Pipelay

Our Values



Safety



Integrity



Sustainability



Performance



Collaboration



Innovation



subsea 7

Seven Vega

Vessel Info

Full specification overleaf

Subsea 7's most capable reel-lay vessel is designed to install complex rigid flowlines including pipe-in-pipe systems, piggyback systems and electrical trace heating, in water depths up to 3,000m.

- Length 149m x breadth 33m
- Reel total storage capacity of 5,600t
- Single pipe up to 20-inch
- Maximum dynamic top tension 600t
- Accommodation for 120 persons
- Heave compensated 250t crane
- 2x work-class ROVs



Seven Vega

General Information

Classification	Lloyd's Register of Shipping (LRS), 100A1 WDL (10t/m ²) Strengthening of work deck 10t/m ² (aft of frame 69), Helicopter Landing deck, ECO (BWT, NOx3, LMC, SPS, UMS, DP(AAA), CAC(3), ICC, NAV-1, IBS Safe bridge, *IWS, Ice Class 1D, Winterisation H(-30) D(-30) Royal IHC, Netherlands 2020 Isle of Man
Built	
Flag State Authority	

Principal Dimensions

Length Overall	149.2m
Breadth	33m
Depth to maindeck	13m
Draught design	8.3m
Deadweight	10,800t
Gross Tonnage	21,334t
Net Tonnage	6,400t

Main Deck

Deck Area (main deck)	800m ² (approximately)
Deck Strength	10t/m ²

Tank Capacities (100%)

Marine Gasoil	2,900m ³
Potable Water	725m ³
Ballast Water	3,900m ³
Technical FW (in WB tank)	1,680m ³
Heeling/Stabiliser Tanks	1,200m ³

Power and Propulsion

Main Engines / Generators	3x 3,500kW 3x 4,000kW
Propulsion	3x 3,200kW stern azimuth thrusters 2x 2,400kW retractable bow azimuth thrusters 2x 2,200kW bow tunnel thruster

Speed / Bollard pull

Service Speed	Approximately 13 knots
Maximum bollard pull	100t (in DP3 failure mode)

DP Systems

DP Classification	DP (AAA) - Class III
DP System	Kongsberg
Reference Systems	3x DGPS 2x HiPAP HPR interface Radius Spot Track

Cranes

Main crane	250t, 3,000m, AHC
Auxiliary deck crane 1	50t, 3,000m, AHC
Auxiliary deck crane 2	20t
Ramp top crane	20t

The auxiliary cranes are certified for man-riding operations, as is the main crane whipline.

Pipelaying System

The vessel is fitted with two reels. The maximum storage capacity of the main reel is 5,600t and can stow products from 4" to 20" diameter. The secondary reel is 1,600t. The maximum combined capacity is 5,600t.

The maximum dynamic top tension is 600t. This is from the upper tensioner 162t, lower tensioner 318t and 120t back tension. The system can deploy PLETs measuring 5m x 5m x 10m. The system is fitted with two 325t abandonment and recovery winches. These can be used in a combined mode to recover a catenary weight of 600t.

Other parameters;

- Ramp angle 45°-95°
- Piggyback DEH and rigid
- Flexible pipe top tension 210t
- Aligner diameter - 21m
- 75t spooling-on tensioner
- Twin level work station and traveling platform
- Straightener for 14-inch x 18-inch pipe-in-pipe

ROV Systems

The vessel is fitted with two permanently installed side launching work-class XLX-EVO ROV systems rated to 3,000m positioned mid ships.

Helideck

The helideck is approved for Super Puma, S61N, S76 and S92. Kongsberg HMS 100 is fitted.

Comms Systems

The vessel is fitted with fleet broadband.

Accommodation

120 persons	
Suites	4
Single Cabins	42
Double Cabins	37



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Our Differentiators



Culture



Creativity



Relationships



Reliability



Solutions

The Subsea 7 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.