



## VESSELS Diving

### Our Values



Safety



Integrity



Sustainability



Performance



Collaboration



Innovation

subsea 7



# Seven Pegasus

## Vessel Info

*Full specification overleaf*

**Seven Pegasus** is a DP3 multi-purpose offshore construction and dive support vessel.

- Length 131.7m x breadth 22m
- Deck area 1,200m<sup>2</sup>
- Accommodation for 128 persons
- AHC (Active heave compensated) 400t crane
- AHC fitted to main and whip system
- Active roll reduction system
- Twin-bell 18-person saturation diving system rated to 300m and including two hyperbaric lifeboats



## Seven Pegasus

### General Information

Type Classification	<b>Diving Support Vessel DNV +1A1 , EO, DSV-SAT, SF, Dynpos AUTRO, HELDK, DK+ Netherlands, 2009 Liberia</b>
Built Flag State Authority	

### Principal Dimensions

Length Overall	<b>131.7m (with main crane boom overhang 133m)</b>
Breadth	<b>22m</b>
Depth	<b>9.5m</b>
Draught design	<b>6.75m</b>
Deadweight	<b>9,300t</b>
Gross Tonnage	<b>9,494t</b>
Net Tonnage	<b>2,849t</b>

### Main Deck

Deck Area	<b>1,200m<sup>2</sup></b>
Deck Strength	<b>5t/m<sup>2</sup></b>

### Tank Capacities (100%)

Fuel Oil	<b>1,200m<sup>3</sup></b>
Fresh Water	<b>520m<sup>3</sup></b>
Ballast Water	<b>3,100m<sup>3</sup></b>

### Power and Propulsion

Main Engines	<b>4x MAN B&amp;W, each producing 2,970kW</b>
Propulsion Thrusters	<b>2x Stern fully azimuthing nozzles 2x Wartsila FS300, each 3,000kW</b>
Other thrusters	<b>1x Wartsila CS200 (retractable), 1,200kW 2x RR TT2,200 (tunnel), each 1,335kW</b>

### Vessel Speeds and Fuel Consumption

Maximum Speed	<b>14.0 knots</b>
Economic Speed	<b>8.0 knots</b>
Economic Speed Fuel Consumption	<b>23.2m<sup>3</sup>/day</b>

### Cranes

Main Crane Capacity	<b>400t, Starboard side</b>
Manufacturer	<b>Huisman</b>
Operating depth	<b>3,000m</b>
Additional feature	<b>Whipline 40t, certified for man-riding</b>
Auxiliary Cranes Location	<b>2x Hydralift 5t at 16m Deck 6 (B deck) Port and Starboard</b>

### DP Systems

DP Classification	<b>IMO Class 3 DP System</b>
DP System	<b>Kongsberg K - Pos DP - 21</b>
Reference Systems	<b>3x DGPS 2x Taut wire 2x HiPAP 502 Fanbeam 3x Gyro compasses 3x Wind sensors 3x Motion references</b>
Compliance Standards	<b>DNV Dynpos AUTRO IMO DP-Equipment Class 3</b>

### Moonpools

**2x Dive moonpools  
3.9m x 3.9m  
Installed transversely  
approximately 10m apart and  
positioned about mid-ships to  
minimise motions**

### ROV

Work Class ROV	<b>2x WROV systems mounted midship on dedicated mezz deck</b>
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### Diving System

Twin-bell 18-person saturation dive system installed below deck. The dive system includes two 6-person twin lock and two 3-person saturation chambers.  
Two 18-person hyperbaric lifeboats installed - one on port and one on starboard side.  
Twin LARS Air Dive system.  
Dedicated Dive Emergency Generator of 750kW.

### Comms Systems

Extensively equipped operations and client office suites; IT network and facilities / video conferencing. The vessel also has dedicated crew WiFi internet access.

### Survey

Dedicated survey suite.

### Helideck

D value of 21m and max. gross weight of 12.8t with helicopter reception facility.

### Accommodation

Number of people	<b>128</b>
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