



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 1,200m²
- 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

Fast Facts

- Versatile DP3 DSV and LCV with twin Work Class ROV's
- Impressive record of global and remote operations



Seven Pegasus

subsea 7

General Information

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

Principal Dimensions

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

Main Deck

Deck Area	1,200m²
Deck Strength	5t/m²

Tank Capacities (100%)

Fuel Oil	1,200m³
Fresh Water	520m³
Ballast Water	3,100m³

Power and Propulsion

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

Vessel Speeds and Fuel Consumption

Maximum Speed	14.0 knots
Economic Speed	8.0 knots
Economic Speed Fuel Consumption	23.2m³/day

Cranes

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

DP Systems

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

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	2x WROV systems mounted midship on dedicated mezz deck
----------------	---

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

The vessel is fitted with a CAP437 certified helideck for D=20.8m and 12.8te take-off weight. Combined with Circle-H lighting, HMS 300 and fixed foam fire fighting system.

Accommodation

Number of people	128
------------------	------------



client.enquiry@subsea7.com



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.

