



## VESSELS Construction

### Our Values



Safety



Integrity



Sustainability



Performance



Collaboration



Innovation



subsea 7

# Seven Sisters

## Vessel Info

*Full specification overleaf*

**Seven Sisters** is a construction vessel, capable of working in water depths of up to 3,000m.

- Length 103.70m x breadth 19.70m
- Deck area 1,150m<sup>2</sup>
- Heave compensated 150t crane
- Class II DP System
- 2x work-class ROVs

## Fast Facts

- Operational capabilities from 15m to 3,000m water depth
- Operational deck space of 1,200m<sup>2</sup> with a load rating of 10t/m<sup>2</sup>
- Moon Pool 7m x 7m at vessel centre available for various types of operations
- Within DNV Compliance of IMO Resolution on Ship Recycling, Green Passport, Part 1





Seven Sisters

subsea 7

## General Information

Classification	<b>DNV 1A1 Clean COMF(V3) DK(+) DYNPOS(AUTR) E0 HELDK(S) Ice(C) SF</b>
Built	<b>Ulsteinvik, Norway 2008</b>
Flag State Authority	<b>Bahamas</b>

## Principal Dimensions

Length Overall	<b>103.70m</b>
Breadth	<b>19.70m</b>
Depth (to main deck)	<b>7.70m</b>
Draught	<b>6.20m</b>
Deadweight	<b>4,500t</b>
Gross Tonnage	<b>5,275t</b>
Net Tonnage	<b>1,582t</b>

## Main Deck

Cargo deck area	<b>1,150m<sup>2</sup></b>
Main deck totally clear area	<b>850m<sup>2</sup></b>
Mezzanine deck area	<b>290m<sup>2</sup></b>

## Tank Capacities (100%)

Fuel oil, total	<b>2,055m<sup>3</sup></b>
Fresh water, total	<b>1,036m<sup>3</sup></b>
Water ballast	<b>2,822m<sup>3</sup> (incl. 398m<sup>2</sup> of roll reduction and 769m<sup>3</sup> of anti-heeling tanks)</b>

Lubrication oil	<b>43m<sup>3</sup></b>
Fresh water maker capacity	<b>25m<sup>3</sup>/d</b>
Garbage incinerator	

## Power and Propulsion

Main generators	<b>4x Cat 3,516HD, each 2,188kW</b>
Auxiliary generator	<b>1x Cat 35,088, 968kW harbour gen set 1x Caterpillar C9, Emergency gen set 189kW</b>
Emergency generator	
Main azimuth thrusters	<b>2x each 2,000kW (El. Driven R-R FP AZP100)</b>
Fwd. azimuth thruster	<b>1x 883kW (El. Driven RR Ulstein Aquamaster UL1201 FP)</b>
Bow thruster	<b>2x 1,050kW ( El.Driven RR Kamewa Ulstein Tunnel Thruster TT2200 DPN CP)</b>

## DP Systems

DP Classification	<b>DP - Class II</b>
DP System	<b>K-POS DP-22</b>
Reference Systems	<b>1x HiPAP500 1x Light Weight Taut Wire MK 15 1x Fanbeam 5 2x DGPS 3x Gyro Compasses 2x Wind Sensors 2x VRS</b>

## Performance

Transit speed	<b>12kn approx.</b>
---------------	---------------------

## Helideck

Valid for helicopters with	<b>Maximum 'D' value: 20.9 Maximum take-off weight: 12t</b>
----------------------------	---

## ROV Systems

Mezzanine deck portside	<b>Hercules 29 (Mk2 type), rated 3000m</b>
Mezzanine deck starboard	<b>Hercules 17 (Mk2 type), rated 3000m</b>

Both work class ROV's with operational capability of 4.5m Hs launch/recovery weather criteria, rated 3000m

## Cranes

150t knuckle boom jib offshore crane (100t - heave compensated and constant tension) with an operational depth of 3000m (wire length). Focus on hoisting speed / capacities – clients requirements designed for up to 3,000m water depths. Two 5t provision cranes - port and stbd.

## Accommodation

Berths	<b>92</b>
--------	-----------



[client.enquiry@subsea7.com](mailto:client.enquiry@subsea7.com)



[www.subsea7.com](http://www.subsea7.com)



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.