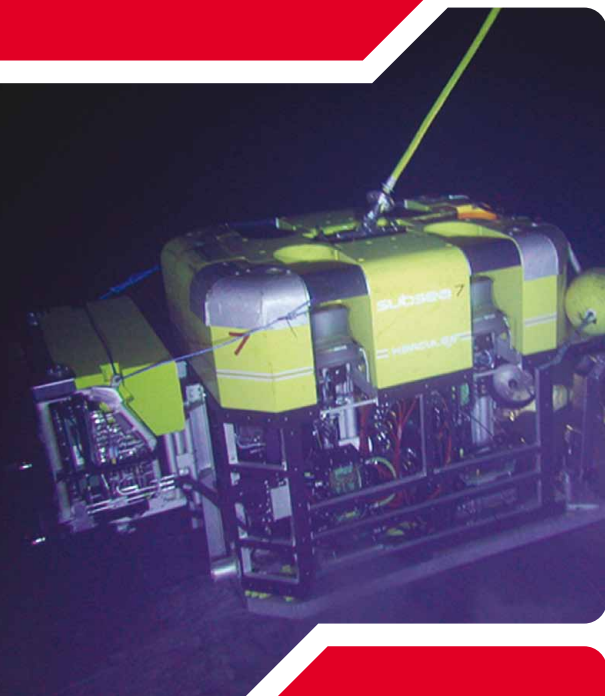


Subsea Viking

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Type:
Construction /
Flexlay (Horizontal)

Classification:
DNV, +1A1, SF, EO DYNPOS
AUTRO, ICE-C LFL, SBM
HELDK-SH, CRANE

The *Subsea Viking* is a construction / flexlay (horizontal) vessel with multi-functional capabilities including construction, ROV support, flexible pipelay installation and well abandonment.

- Length 103m x breadth 22m
- Deck area 1,100m²
- Heave compensated 100t crane
- A 1,200t capacity underdeck product carousel
- 2 x workclass ROVs rated to 3,000m

Subsea Viking

General Information

Classification	DNV, +1A1, SF, EO DYNPOS AUTRO, ICE-C LFL, SBM HELDK-SH, CRANE
Built	UMOE Sterkoder, Norway (1999)
Flag State Authority	NOR (Norway)
Port of Registry	Haugesund

Dimensions

Length Overall	103.00m
Breadth	22.00m
Depth	9.60m
Draught (summer)	7.85m
Deadweight	6,874t
Gross Tonnage	7,401t
Net Tonnage	2,220t

Manoeuvring and Propulsion Systems

Main Engines	4 x 2,610kW (MAK 9M25)
Generators	4 x 2,400kW (Siemen / Hyundai)
Emergency Generator	1 x 635kW (Stamford)
Main Propulsion	2 x 2,750kW fixed pitch azimuth thrusters (Ulstein)
Thrusters (bow)	2 x 1,200kW tunnel thrusters (Brunvoll) 1 x 1,200kW retractable azimuth (Ulstein)

Dynamic Positioning System

DP Classification	DYNPOS AUTRO (Class III)
ERN Rating	99.99.99
DP System	Kongsberg SDP 22 (main bridge) Kongsberg SDP 12 (emergency bridge)
Reference Systems	3 x DGPS 1 x HiPAP 2 x fanbeams

Speed / Consumptions

Full Speed	13kts at approx 20m ³ /per day
DP Operations	10m ³ /per day

Tank Capacities (100%)

Fuel Oil	2,652m ³
Fresh Water	549m ³
Ballast Water	2,212m ³
Lub. Oil	39m ³

Cargo Deck

Deck Area	1,100m ²
Deck Strength	5t/m ²

Deck Crane

Main Deck Crane (Main Line)	100t at 10m 50t at 20m
Main Deck Crane (Whip Line)	15t at 5 to 30m

The main deck crane (Huisman BV) is fitted with an active heave compensation system, constant tension function and two 10t tigger winches.

ROV Systems

The vessel is fitted with one moonpool launched workclass ROV and one side launched (starboard side door) workclass ROV. A centreline moonpool (6.0m x 5.4m) is provided for ROV operations.

Pipelay System

The vessel is provided with a single underdeck product storage carousel with a capacity of 1,200t. The carousel has an inner diameter of 4.0m, outer diameter of 15.5m and a height of 4.5m with a lay speed capability of 100m per hour (at core).

Tower System

The vessel is fitted with a centreline work moonpool (6m x 6.6m) and a dedicated and purpose built tower system is available for through hull underwater work. The tower has a 25 tonne SWL, and is fitted currently with an Active heave compensation winching system operating a 16 tonne SWL.

Accommodation

70 persons	
State Cabins	8
Single Cabins	16
Double Cabins	23
Hospital (not included in total)	1

Helideck

The vessel is fitted with an approved and certified helideck. The helideck has a D value of 19.5 and is approved for Super Puma operations.

Communications Systems

The vessel is fitted with Inmarsat B and C. In addition the vessel's KU Band system can be converted to C Band as operational requirements demand.