

# VIKING NEPTUN

HEAVY CONSTRUCTION VESSEL  
HEAVY LIFTING, FLEXIBLE  
AND CABLE INSTALLATION



New generation heavy construction/pipe-lay vessel prepared for deep-water operations worldwide.

## KEY VESSEL FEATURES

- 400 Te main Crane (high lift mode inc.), 100 Te aux crane
- Removable bulwark both aft and in front of crane
- Vessel is prepared for cold climate conditions, being built according to ICE 1B and DEICE notation
- 4,400 Te Carousel
- Moonpool: 3000 Te capacity
- Helideck adapted for Sikorsky S92
- Optimized stability and capacity for VLS (SWL 600 Te)
- Anti-heeling system (3 pumps each 2,200 m<sup>3</sup>/h)
- Full steel deck which facilitates easy mobilizations

# VIKING NEPTUN SPECIFICATIONS

## MAIN PARTICULARS

LOA	145.6 m
Breadth (moulded)	31.00 m
Depth (moulded)	13.00m
Draft (max.)	9.0 m
GRT	19,847 Te
NRT	5,954 Te
Deadweight	approx. 13,000 Te
Generators	21,800 kW
ERN	99,99,99,99
Main deck	2,600 m <sup>2</sup>

## SPEED & CONSUMPTION\*

Max. speed	17.2 knots
Service speed	14 knots/ 38.2m <sup>3</sup> /day
Light DP-operations	13.8 m <sup>3</sup> /day
Heavy DP-operations	25.4 m <sup>3</sup> /day
Harbour generator	2.9 m <sup>3</sup> /day

\*Approx. consumption of MGO/24 hours.

## ACCOMMODATION

Berths	150
State cabins	4
Single cabins	50
Double cabins	50
Gymnasium	1
Hospital	1
Dayrooms	3
Mess-room	1
Conference room (16/8)	2
All cabins with separate WC/shower, fully air-conditioned	

## SUBSEA SUPPORT

WROV	2
OBSROV	Optional
Online / Offline room	1
Client offices	7
Inside deck area	Cargo hold, ROV hangar

## HELIDECK

Helideck: Sikorsky S92 13 t TOW

## OFFSHORE CRANE

MacGregor subsea crane	
Main winch capacity	400 t @ 20 m
Hook travel length	3,000 m
Auxiliary winch capacity	25 t @ 42 m
Hook travel length	2,000 m
Tugger winches	2
AHC	Yes

MacGregor aux subsea crane

Aux crane	50 t @ 18 m
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## CLASSIFICATION

DNV +1A1, E0, DYNPOS AUTRO, CLEAN DESIGN, NAUT OSV(A), COMF V(2) C(3), BIS, TMON, DK(+), HELDK-SH, ICE 1B, DEICE, SPS 2008

## CARGO CAPACITIES

Deck load	6,000 t
Deck strength	10 t/m <sup>2</sup>
Marine gas oil	2,614 m <sup>3</sup>
Potable water	1053 m <sup>3</sup>
Drill/Ballast water	7,099 m <sup>3</sup>
Technical FW	1,189 m <sup>3</sup>