



AHHTS



Skandi Vega

Anchor Handling Tug Supply Vessel

Introduction



The Skandi Vega is a high power anchor handling vessel designed for deepwater anchor handling during demanding environmental conditions.

Capabilities

Built to meet future environmental standards, the vessel is fuel efficient and clean design classed, thus having the capability to work in most of the world's offshore oil and gas precincts. At 109m long, operating capabilities include a working moonpool, "Safe Deck" manipulator crane system, a anchor recovery frame, a main winch capacity of 500 T and secondary of 170 T and a bollard pull of 350 T.

The Skandi Vega has also an integrated ODIM Anchor Recovery Frame (ARF) and a large working deck area of 1,070 m².

In addition one Kystdesign ROV is placed inside the hull's integrated hangar on starboard side.

General Description

Name	Skandi Vega
Type	AHTS
Owner	DOF ASA
Class	DNV IAI, SF, SUPPLY VESSEL, TUG, E0, DYNPOS-AUTR, (IMO DP II), Comf-V(3), CLEAN DESIGN, NAUT OSV, T-MON, DK(+), HL(2,8)
Year Built	June 2010
Flag	NOR
Imo no.	9435715



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All specifications are subject to changes without prior Notice. Please contact us for details and verifications.

Technical Specification



Main Dimensions

Overall length	109.5m
Length between pp	98m
Breadth	24m
Depth	9.8m
Draft	7.8m

Winches

Main

1 x BRATTVAAG Water Fall triple drum (SL500W-3)

Towing / working drums - 500 T

1 x Declutchable towing drum
1,500 mm Ø x 3,750 mm Ø x 4,100 mm length
1 x Declutchable working drum
1,500 mm Ø x 3,750 mm Ø x 4,100 mm length
Wire capacity 6,700 m of Ø 76 mm each

Anchor handling drum - 500 T

1 x Declutchable ah/wire drum
3,500 mm Ø x 5,400 mm Ø x 8,200 mm length
With dividing flange socket part:

18,700 m of Ø 76 mm wire

2 x BRATTVAAG secondary winches

170 T pull @ 0 - 23 m / min

Additional

2 x Hydraulic tugger (fwd) 24 T pull
2 x Hydraulic tugger (aft) 17 T pull

Cranes

1x TTS GP500-15-20 10t 20M/15t 15m
1 x Provision crane 3.0 t / 16 m
2 x AH-cargo rail cranes 10t

Deck Space

Main deck area 1,070 m² @ 10 T / m²
Deck material Timber
Moonpool 7 m x 7 m
Chain locker 1,190 m³

Speed

Maximum 18 knots
Economic transit 12 knots

Dynamic Positioning System

Kongsberg K-POS DP2I (DP2)

Reference Systems

1 x HIPAP 500
2 x DGPS
1 x Fanbeam

Additional Interface for:

Gyro, MRU, Wind, DGPS, Fanbeam, Radius, Winch Tension, ECDIS, Survey Computer

Accommodation

88 persons in single / double cabins

ROV (Integrated)

1 x Kystdesign ROV
Cetix Winch
Sepro LARS

Endurance

Fuel Consumption

In port 3 m³ / 24 hrs
Transit 23 m³ / 24 hrs
DP 8 m³ / 24 hrs
FW making capacity 30m³ / 24 hrs

Capacities

Marine diesel oil 1,800 m³
Fresh water 1,000 m³
Ballast water 3.500 m³

Power and Propulsion

Main engines

2 x Wartsila 16V32 7,680 kW each
H+H Catalysts fitted

Bollard pull 350 t

Generators

Main 4 x Wartsila 8L26 2,600kW each
Harbour / Emergency 1 x Nogva 335 kW

Thrusters

Bow
2 x Lips 1,500 kW
1 x Retract 1,500 kW

Stern

2 x Wartsila Lips Tunnel 1,500 kW each

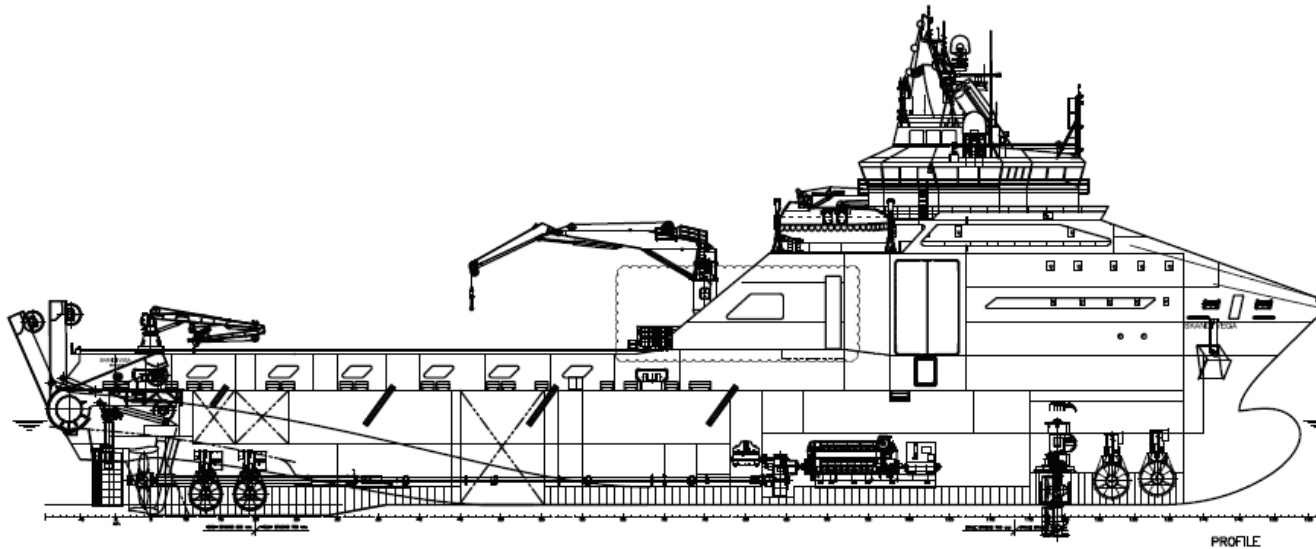


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General Arrangement



With 1,070 m² main deck space, large work moonpool and sophisticated equipment for safe and efficient field development, including “Safe Deck” manipulator crane system, the Skandi Vega is the benchmark in its segment.

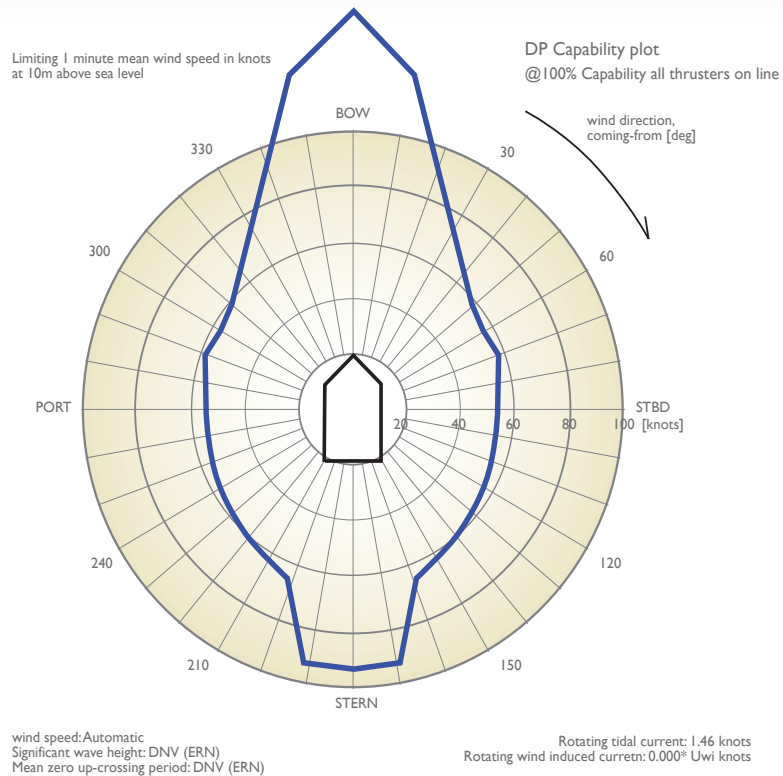


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Dynamic Positioning System



The vessel is fitted with a fully redundant Kongsberg K-Pos DP2I Dynamic Positioning System.

There is one HiPAP 500, two satellite positioning systems (DGPS) and a Fanbeam.



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Kystdesign Supporter

Capabilities

The ROV has a power unit rated at 125 HP with 4 horizontal and 3 vertical thrusters.

Bollard pull is rated at 525 fwd/aft.

General Description

Depth rating	2000 MSW
Power	125 HP
Payload Capacity	200 kg + Skid & Manips





Main Dimensions

Length	2.50 m
Width	1.70m
Height	1.65 m (1.90 m w/skid)
Depth rating	2000 m
Weight in air with skid	3.0 T approx.
Payload capacity	200 kg

Launch and Recovery system

The ROV has a SEPRO HPL 12 Launch and Recovery System

Electric Cetix Waverunner 10R winch with 2,000 m capacity.

Propulsion / Speed

Power pack (Shaft / HP)	125shp
Thruster horizontal	4
Thruster vertical	3
Forward speed	3 knots
Lateral speed	2 knots

Bollard Pull	(Nominal)
Forward	525 kg
Lateral	480 kg
Vertical up	340 kg
Vertical down	580 kg

IHPU

Compensator volume (dirty pack)	20 L
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Manipulators

- Titan 4 seven-function
- Rigmaster five-function



Contacts



If you would like further information or would like to contact us about our services or equipment, please

visit our website:

www.dof.no

or

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