



VESSELS

Light Construction  
ROV support

Our Values



Safety



Integrity



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subsea 7



# Energy Sphynx

## Vessel Info

Full specification overleaf

**Energy Sphynx** is a light construction vessel capable working up to 3,000m water depth, with main 150t offshore crane.

- Length 97m x breadth 22m
- Main deck 1,100m<sup>2</sup>
- 150t main offshore crane
- DP2 Class vessel
- Accommodation for 96 persons
- 2x WROVs

## Fast Facts

- Capable of working in water depth up to 3,000m.
- 2x WROV systems installed in purpose built enclosed hangar P/Stbd.
- Main deck area of 1,100m<sup>2</sup>, forward area with minimum 10t/m<sup>2</sup> load and aft of 25t/m<sup>2</sup>.
- Special purpose ship (SPS) compliant.



Energy Sphynx

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## General Information

Type	Construction/Flexlay
Classification	DNV; 1A1 Offshore service vessel(+) BIS BWM(T) Clean(Design, Tier III) COMF(C-3, V-3) DK(+) DYNPOS(AUTR, E) E0 ECA(SOx-A) Ice(C), NAUT(OSV(A)) Recyclable SF SPS
Builder	Qingdao Wuchuan Heavy Industry Co., Ltd
Year Built	2021
Flag/Port of registry	Norwegian International Ship Registry (NIS)

## Principal Dimensions

Length Overall (m)	97.149m
Breadth Moulded	22.031m
Gross tonnage	7,388t
Net tonnage	2,217t
Draft	7.20m
Air draft	40.2m (from keel)
Deadweight	5,331t

## Main Deck

Deck Cargo Area	1,100m <sup>2</sup>
Deck Measurements	45m x 21m
Deck Cargo Capacity	#3: 25 t/m <sup>2</sup> , #3 - #72: 10t/m <sup>2</sup>

## Tank Capacities (100%)

Marine Gas Oil (m <sup>3</sup> )	1,263m <sup>3</sup>
Ballast	4,506m <sup>3</sup>
Fresh potable water	1,147m <sup>3</sup>
Misc.tanks	220m <sup>3</sup>

## Power and Propulsion

Main engine	4x HIMSEN. Type: 6H32/40. 2,880Kw, 720rpm each
Generators	4x Siemens 3,360kVA (2,688kW)
Propulsion thrusters	2x , SCHOTTEL Azimuth each 3,000kW.
Bow thrusters	2x SHOTTEL STT 7 FP, 2,050kW each
Bow azimuth thruster	1x SCHOTTEL SRP 1012 ZSV FP, 1,000kW
Stern thruster	1x SCHOTTEL STT 4 FP, 1,200kW

## Vessel Speeds and Fuel Consumption

Maximum Speed	14.5 knots
Economic Speed	10.0 knots
Economic Speed Fuel Consumption	13m <sup>3</sup> /day

## Cranes

AHC Deck Crane (main)	150t at 11m, 25t at 35m, water depth 3,000 single fall mode,
AHC Auxiliary Offshore crane	25Te, 10t at 36m, water depth 650m, 2,200m of wire available

## DP Systems

Kongsberg K-Pos	1x HiPAP 501, 1x USBL acoustic (Sonardyne Ranger 2), DPS 232, DPS132 1x RADIUS 1000Q 1x SpotTrack
Sensors	4x Gyro 4x Motion Reference Units 4x Wind Sensors

## ROV

WROV	2x Quantum systems (200BHP) installed in vessel hangar P/STBD, rated for 2,500m water depth
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## Helideck

Type certified CAP437	20.9m x 20.9m (Suitable for S-92)
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## Accommodation

Persons	96
Single cabins	26
Double cabins	33
Quadruple cabins	1
Office	8
Hospital	1
Conference/operation room	1
Gym	1



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