



VESSELS

## Renewables

Our Values



Safety



Integrity



Sustainability



Performance



Collaboration



Innovation



# Seaway Phoenix

## Vessel Info

*Full specification overleaf*

**Seven Phoenix** is an advanced cable installation, repair and maintenance vessel. It is designed to satisfy cable installation demands of the offshore renewables and oil and gas industries.

- Length 129.9m x breadth 27.8m
- Sheltered cable handling deck including machinery and workshop
- AHC 34t offshore crane
- Deck area 880m<sup>2</sup>
- 2x work-class ROVs including launch and recovery system located aft and amidships
- 1x trenching ROV located starboard amidships incl. of a dedicated A-frame based launch and recovery system

## Fast Facts

- 60t A-Frame (equipped with 10t AHC winch)
- 2x 2,000t turntables
- 2x Work-Class ROVs
- 1x Trenching ROV



## Seaway Phoenix

### General Information

Type	<b>Cable Lay Vessel</b>
Classification	<b>DNV-GL</b>
Flag	<b>Isle of Man</b>
Year Built	<b>2003</b>

### Principal Dimensions

Length Overall (m)	<b>129.9m</b>
Breadth (m)	<b>27.8m</b>
Depth Main Deck (m)	<b>12m</b>
Operating Draft (m)	<b>Min. 4.8m - Max. 8.4m</b>
Cable loading capacity	<b>4,000t</b>

### Cargo Deck

Aft Deck	<b>400m<sup>2</sup></b>
B-Deck	<b>480m<sup>2</sup></b>

### Tank Capacities (100%)

Fuel Oil (m <sup>3</sup> )	<b>3,177m<sup>3</sup></b>
Hydraulic Oil (m <sup>3</sup> )	<b>75m<sup>3</sup></b>
Fresh Water (m <sup>3</sup> )	<b>707m<sup>3</sup></b>
Ballast Water (m <sup>3</sup> )	<b>6325.5m<sup>3</sup></b>

### Power and Propulsion

<b>Generators</b>	
Number, Type, Power (kW)	<b>4x 3,240kW (Main) – Wartsila Vasa 8R32</b> <b>1x 1,360kW (Harbour) – Wartsila 6L20</b> <b>1x 220kW (Emergency) – Volvo Penta TAMD 122A</b>

<b>Thrusters</b>	
Number	<b>5</b>
Type, Power (kW)	<b>Azimuth thrusters at stern (main)</b> <b>2x 3,300kW – LIPS azimuth with fixed pitch</b> <b>Retractable azimuth thrusters (fwd)</b> <b>1x 2,200kW - LIPS azimuth with fixed pitch, retractable</b> <b>Bow tunnel thrusters (fwd) -</b> <b>2x 1,600kW – LIPS bow tunnel thrusters</b>

### DP Systems

DP Classification	<b>II</b>
Reference System	<b>Kongsberg K-POS 22</b>

### Cranes

Main Crane Capacity (t)	<b>AHC 34t at 22m reach</b> <b>Max radius - 15t at 32m (whip line)</b> <b>Midship starboard side</b>
Location	
Auxiliary Crane Capacity (t)	<b>15t at 15m reach</b> <b>Max radius - 8t at 26m</b> <b>Aft starboard side</b>
Location	
Provision Cranes (t)	<b>2x 2t at 12m reach</b>
Overhead Gantry Cranes (t)	<b>2x 10t (electric)</b>
A-Frame Capacity (t)	<b>60t (equipped with 10t AHC winch)</b>

### Deck Equipment

Cable turntables	<b>2x 2,000t loading capacity</b> <b>OD 18.0m, ID 5.0m, H 5.5m</b>
8WP linear cable engines	<b>2x WLL 8t, suitable for Master-Slave mode, 8-wheelpairs</b>
2WP linear cable engines	<b>2x WLL 2t, cable haulers, 2-wheelpairs</b>
A&R winches	<b>1x WLL 20t (electro-hydraulic)</b>
Deck winches	<b>2x WLL 5t (electric)</b>
Cable deployment quadrant	<b>1x WLL 7t</b>
Cable 90° deck quadrants	<b>4x WLL 2t</b>
Modular cable track ways	<b>28x 3m (with bottom and side rollers)</b>

### ROV Systems

Work-Class ROVs	<b>2x mid-sized with a dedicated launch and recovery system</b>
Trenching ROV	<b>1x, 1,200 HP located starboard amidships inclusive of a dedicated A-frame based launch and recovery system</b>

### Accommodation

Berths (No.)	<b>77</b>
Cabins (No.)	<b>58</b>



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Our Differentiators



Culture



Creativity



Relationships



Reliability



Solutions

Seaway 7's services are supported by dedicated renewables vessels. This can be augmented with vessels from Subsea 7's large and diverse fleet to provide additional support as and when required.