



VESSELS

Renewables

seaway⁷



Seaway Phoenix

Vessel Info

Full specification overleaf

Seaway 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 880m²
- 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 20t AHC winch)
- 2x 2,000t turntables
- 2x Work-Class ROVs
- 1x Trenching ROV



Seaway Phoenix

GENERAL INFORMATION

Type	Cable Lay Vessel
Classification	DNV, 1A1 Offshore service vessel DPS(2) E0
Flag	Isle of Man
Year Built	2003

PRINCIPAL DIMENSIONS

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

CARGO DECK

Aft Deck	400m²
B-Deck	480m²

TANK CAPACITIES (100%)

Fuel Oil (m ³)	3,208m³
Hydraulic Oil (m ³)	75m³
Fresh Water (m ³)	707m³
Ballast Water (m ³)	5,479m³

DECK EQUIPMENT

Cable turntables	2x 2,000t loading capacity OD 18.1m, ID 5.0m, H 5.6m
8WP linear cable engines suitable for Master-Slave mode, 8-wheelpairs	2x WLL 8t,
2WP linear cable engines (cable haulers, 2-wheelpairs)	2x WLL 2t
A&R winches (electro-hydraulic)	1x WLL 20t
Deck winches (electric)	2x WLL 6t
Cable Deployment Bow Winch	1x WLL 12.5t
Cable deployment quadrant	1x WLL 7t
Cable 90° deck quadrants	4x WLL 2t
Modular cable track ways (with bottom and side rollers)	28x 3m

POWER AND PROPULSION

Generators	
Main – Wartsila Vasa 8R32	4x 3,240kW
Harbour – Wartsila 6L20	1x 1,360kW
Emergency - Volvo Penta TAMD 122A	1x 220kW
Thrusters	5
Azimuth main stern thrusters (LIPS Azimuth with fixed pitch)	2x 3,300kW
Retractable Azimuth forward thrusters (LIPS Azimuth with fixed pitch, retractable)	1x 2,200kW
Bow tunnel forward thrusters (LIPS bow tunnel thrusters)	2x 1,600kW

VESSEL SPEEDS AND FUEL CONSUMPTION

Maximum Speed	13.0 knots
Economic Speed	10.0 knots
Economic Speed Fuel Consumption	28.0m³/day

CRANES

Main Crane Capacity (t)	
Midship starboard side	AHC 34t at 22m reach Max radius - 15t at 32m (whip line)
Auxiliary Crane Capacity (t)	
Aft starboard side	15t at 15m reach Max radius - 8t at 26m
Provision Cranes (t)	2x 2t at 12m reach
Overhead Gantry Cranes (t)	2x 10t (electric)
A-Frame Capacity (t) (equipped with 20t AHC winch)	60t

DP SYSTEMS

DP Classification	II
Control System	Kongsberg K-POS 22
Reference Systems	2x DGPS (Veripos) 2x HIPAP 502 1x SpotTrack 1x RADius



ROV SYSTEMS

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

ACCOMMODATION

Berths (No.)	77
Cabins (No.)	58



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