



VESSELS Renewables

Our Values



Safety



Integrity



Sustainability



Performance



Collaboration



Innovation



seaway⁷

Seaway Moxie

Vessel Info

Full specification overleaf

Seaway Moxie is an installation support vessel designed and equipped to allow quick and safe 'walk to work' access to offshore installed assets such as offshore wind farms.

- Length 74m x breadth 17m
- Deck area 190m²
- 3D motion-compensated extendable boom crane
- Offshore access gangway transfer system
- Accommodation for 60 persons

Fast Facts

- 5t 3D motion compensated offshore crane
- Active motion-compensated (AMC) Gangway System
- Award winning vessel design
- Ability to work in significant wave heights up to 3.5m



Seaway Moxie

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General Information

Type Classification	Offshore Service Vessel DNV *1A1 with the following class notations: SF, E0, BIS, DYNPOS- AUTR, CLEAN DESIGN, COMFV(3), NAUT-OSV (A), SPS. IMO MSC.266(84) - Code for Special Purpose Ships, 2008. Fjellstrand, Norway, 2014. Isle of Man
Built Flag	

Principal Dimensions

Length overall	74m
Length between perpendiculars	70.7m
Breadth	17m
Depth from deck	8m
Maximum draft	4.6m
Design draft	6.0m
Deck load	500t, 5t/m²
Deck space	190m²
Gross tonnage	4,367
Net tonnage	1,311

Power and Propulsion

Main Propellers	2x Voith Schneider ECS Propellers and Cycloidal
Rudders and associated transmission	
Power	1,850kW approx.
Motor speed	0 – 1,200rpm
Blade orbit diameter	2,800mm
Blade length	2,340mm
No. of blades:	5

DP Systems

The vessel is equipped with a DP-2 (Dynpos AUTR) system comprising the following reference system and sensors:

**2x Wind sensors with heating
3x Motion Reference Units
(x-y direction)
2x Differential GPS Systems
1x Cyscan Laser Reference
System
1x Radarscan Relative
Position Sensor**

Cranes

Macgregor 3D motion compensated crane Capacity Hook height	SWL 5t at 25m outreach 30m above sea level
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Anti-Heel System

Active anti-heeling system Wing tanks Pump with electric motor	2x 1x capacity approx. 400 m³/h
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Safety System

Fast Rescue Crafts	2x with aluminum hull, inboard diesel engine and water jet propulsion basin 2x inclusive of active heave compensated winch system for Fast Rescue Crafts
Single-point davit LARS	6x, 35 persons each, 3 on each side
Life rafts	

The vessel has safety equipment according to SOLAS and flag state requirements.

Workability

The vessel has been designed and has proven its ability to operate in up to 3.5m significant wave height, both for personnel transfers via gangway and cargo transfers using its specialized crane within its area of operation.

Transfer Gangway

An uptime-supplied motion compensated gangway (transfer system) is installed on the C-deck mid-ship. The transfer system is based on an active motion compensated gangway system and can work in various modes.

Access to the transfer system is arranged directly from the C-Deck on a permanent basis thus allowing for easy and safe access of personnel.

Accommodation

Berths	60 person
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client.enquiry.renewables@subsea7.com



www.seaway7.com



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.