

Seaway Moxie

Renewables

seaway⁷



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

General Information

Type	Offshore Service Vessel
Flag	Isle of Man
Classification	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.

Principal Dimensions

Length overall	74m
Length between perpendiculars	70.7m
Breadth	17m
Depth from deck	8m
Maximum draft	6.4m
Minimum draft	46.0m
Deck load	500t, 5t/m ²
Deck space	190 m ²
Gross tonnage	4,367
Net tonnage	1,311

Cranes

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

DP System

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

Wind sensors with heating	x2
Motion Reference Units	x3 (x-y direction)
Differential GPS Systems	x2
Cyscan Laser Reference System,	x1
Radarscan Relative Position Sensor,	x1

Anti-Heel System

Active anti-heeling tank system comprises of:

Wing tanks	x2
Pump with electric motor	x1, capacity approx. 400 m ³ /h

Safety System

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

Fast Rescue Crafts	x2, with aluminum hull, inboard diesel engine and water jet propulsion basin
Single-point davit LARS	x2, inclusive of active heave compensated winch system for Fast Rescue Crafts
Life rafts	x6, 35 persons each, 3 on each side

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

Motion-Compensated Personnel Transfer Gangway

An offshore access 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

60 people