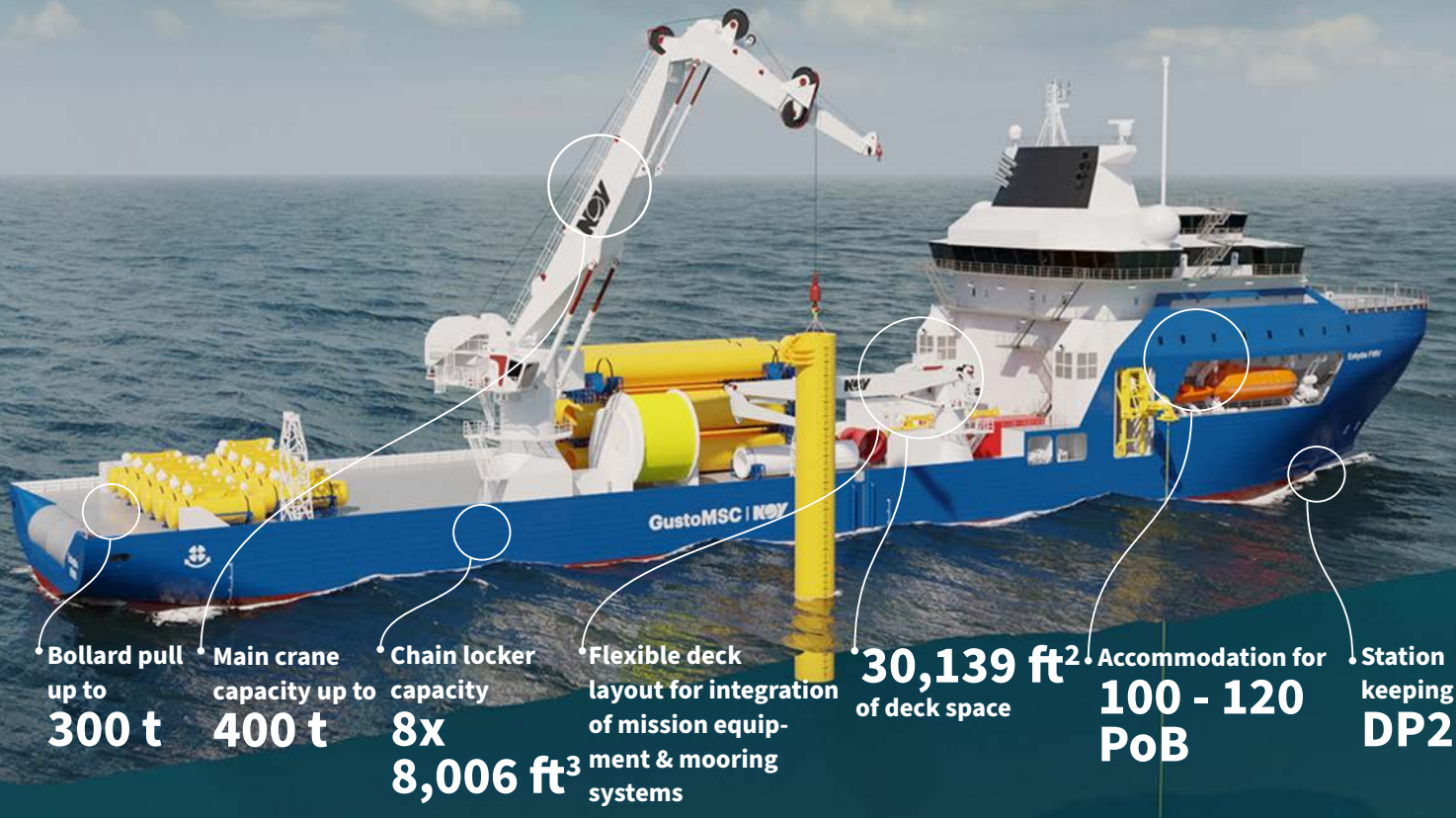


Enhydra FWIV

# Enabling floating offshore wind



## Enhydra Floating Wind Installation Vessel (FWIV)

GustoMSC's Enhydra Floating Wind Installation Vessel (FWIV) is purpose-built for the safe, efficient, and flexible installation and hookup of floating offshore wind farms. The vessel's modular and integrated design enables the installation of multiple foundation types, mooring systems, and dynamic cables, streamlining complex offshore operations.

The GustoMSC™ vessel design offers a flexible deck layout for mission equipment integration, including electric subsea cranes from our Lifting and Handling group and Remacut™ cable-lay systems. The Multilayer Active Heave Compensation enhances safety, and the PowerBlade™ energy recovery system reduces emissions.

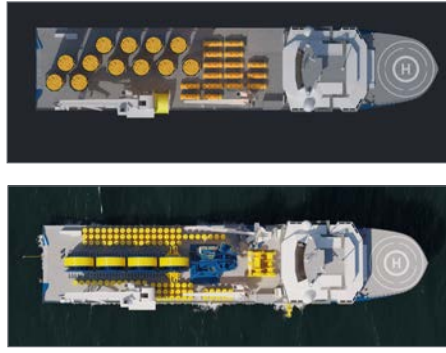
### Features

- Methanol-powered, providing zero SO<sub>x</sub> and reduced NO<sub>x</sub> emissions
- Integrated yet modular mission deck equipment
- Can operate in sea states of 11.5 ft H<sub>s</sub>
- Designed for 100 to 120 people on board
- Superior crew welfare facilities
- Deck and locker capacity for up to three sets of mooring systems, based on 12 anchors
- 30,139 ft<sup>2</sup> of free deck space
- Energy storage system, power regeneration, and shore power compatible
- Motion-compensated gangway

**The Enhydra series can be fully customized to owner's specific requirements**



**Enhydra FWIV - mooring operations**



**Enhydra FWIV top views**



**Inspired by nature**

The Enhydra series design characteristics resemble the sea otter's (Enhydra) unique and physical behavioral features. The sea otter is the sole marine mammal to use tools and it uses its streamlined body design to efficiently perform deep dives to the seafloor and adapt its lung capacity to float effectively on the surface.

**Main characteristics FWIV**

Hull	
Length overall	494.1 ft
Length between perpendiculars	454.4 ft
Breadth	101.0 ft
D main deck	39.0 ft
Draught	27.9 ft
Deadweight	16,600 t
Speed	14 kn
Autonomy	50 days
DP class	2
Bollard pull	up to 300 t
Accommodation	100-120 POB

**Power generation & utilities**

Installed power	28,967 hp
# Generator sets	6
MGO	142,637 ft <sup>3</sup>
Alternative fuel capacity	59,972 ft <sup>3</sup>
Fresh water	480 m <sup>3</sup>

**Propulsion and DP**

Tunnel thrusters	2 x 4,227 hp
Azimuth thrusters	1 x 4,694 hp 3 x 4,291 hp
Total thruster power	26,021 hp

**Classification, regulations**

DNV or ABS Crane Vessel Notation
DP2 station keeping notation (upgradable)
IMO - Special Purpose Code

**Mission equipment**

Gangway System	
Compensation	Fully compensation 6 DOF
Length	98.4 ft
Cargo	Yes (trolley & integrated crane)

Main crane	
Type	knuckle boom
SWL	400 t
Outreach	62.3 ft
Max outreach	132.2 ft
Compensation	Yes, motion compensated

2nd crane	
Type	Knuckle boom
SWL	28 t
Outreach	20-114 ft
Compensation	No

Helideck	
Size	26 m (Sikorsky S-92 capable)

Additional equipment	
ROV	Yes, inclusive of launch system
Drone/AUV	Yes, optional

Vertical Lay System

**GustoMSC services**

Providing the basic design package including all services required to obtain Class approval.

After Market activities throughout the lifetime of the unit. This includes, consultancy, engineering support, etc.

Data presented in this product sheet is for information only and subject to change without notice.