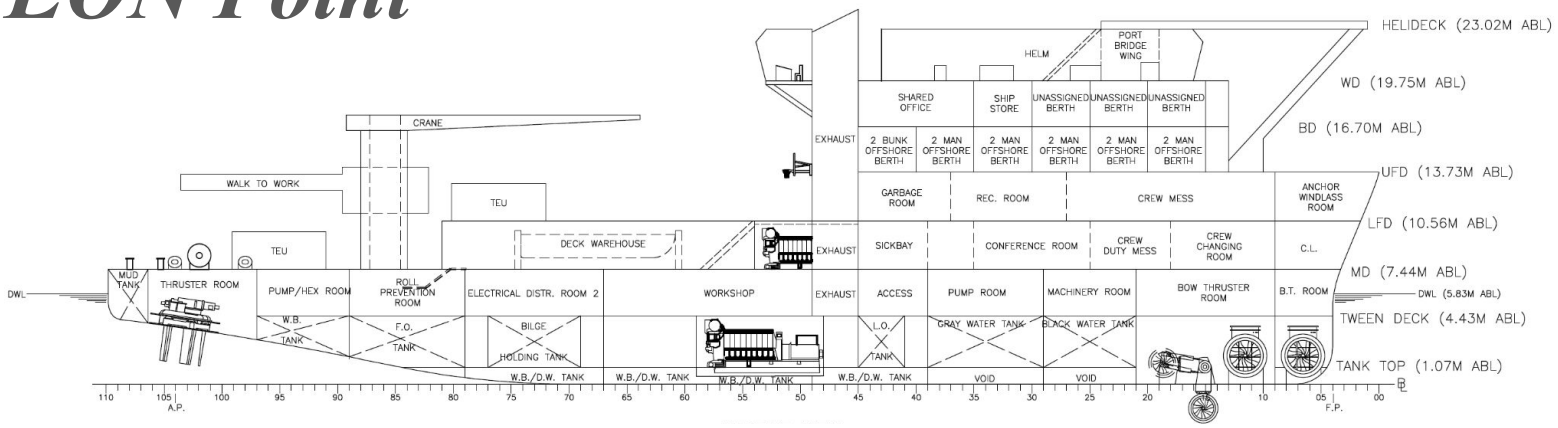
Offshore Wind Support Vessel

EON Point



Description

The *EON Point* is designed to support the installation, operation, and maintenance of offshore wind farms along the U.S. east coast. It's main functions are to:

- Accommodate and transport wind turbine technicians

- Transfer crew via boat, personnel basket, helicopter, and walk-to-work system

- Provide workshops for repairs and maintenance of turbine equipment

- Transport components and supplies

- Offer craneage for construction and maintenance

Vessel Particulars

Length overall	82.4m
Length B.P.	75.0m
Length Waterline	79.4m
Beam	21.5m
Depth	7.44m
Design Draft	5.83m



Special Features

A few mission-driven special features of the *EON Point* include:

Voith Schneider Propulsion - improved maneuverability and stability in all 6 DOF, including roll stabilization system for personnel comfort

DP Class 2 - full redundancy supporting the failure of any piece of equipment

Daughtercraft - crew transport

Helipad - helicopter support for AW139 and S-92

Deck Space for 4 TEU and 4 FEU for modular capabilities

Basketball Court - crew recreation

Complement

Single Berths

Officers	8

Double Berths

Crew	12
Offshore Workers	30
Hotel Staff	10
Unassigned	5

Regulatory Compliance

Intact Stability in accordance with IMO's Intact Stability (IS) Code, 2008

Lifesaving appliances and firefighting systems in accordance with 46 CFR

Bureau Veritas
- -NR467 Rules for classification of steel ships
- -NR445 Rules for classification of offshore units

Webb Institute
298 Crescent Beach Rd
Glen Cove, NY 11542

kbreen26@webb.edu ejackson26@webb.edu akarafa26@webb.edu mmetz26@webb.edu colney26@webb.edu

EON DESIGN

Mission Equipment

-Aft facing helm as well as forward facing helm for observing/controlling walk to work during vessel missions
-Stepless landing for crew transfer
-Walk to work system
-Heave Compensated Deck Crane

Environmental Equipment

-Ballast water treatment unit (UV treatment type)
-Sewage treatment (UV treatment type)
-Biodiesel fuel capabilities

Alternate Mission Support Capabilities

-Offshore Oil and Gas Sector
-Mineral recovery
-Fisheries/Aquaculture
-Salvage



Craneage

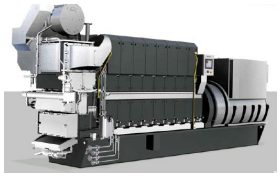
Main Crane.....50mt at 15m
Auxiliary crane (combined crane and walk to work system).....2.5mt at 18m

Tank Capacity

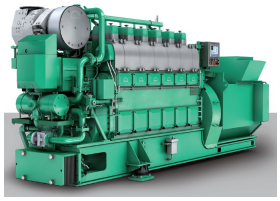
Water Ballast, approx. ..... 967 m^3
Fuel Oil, approx. ..... 1029 m^3
Fuel Oil Day, approx. ..... 122 m^3
Fresh Water, approx. ..... 354 m^3
Bilge Holding, approx. ..... 50 m^3
Dirty Oil,approx. ..... 50 m^3
Lube Oil, approx. ..... 36 m^3
Gray Water, approx. ..... 93 m^3
Black Water, approx. ..... 75 m^3

Machinery

Generator..... 4 x 1880 kW
MAN 9L21/31DF-M



Emergency Generator..... 1130 kW
MAN 7L23/30H Mk. 3



Main Thruster..... 540 kW
Bow Thruster..... 1650 kW
Retractable Thruster..... 650 kW

Propulsion



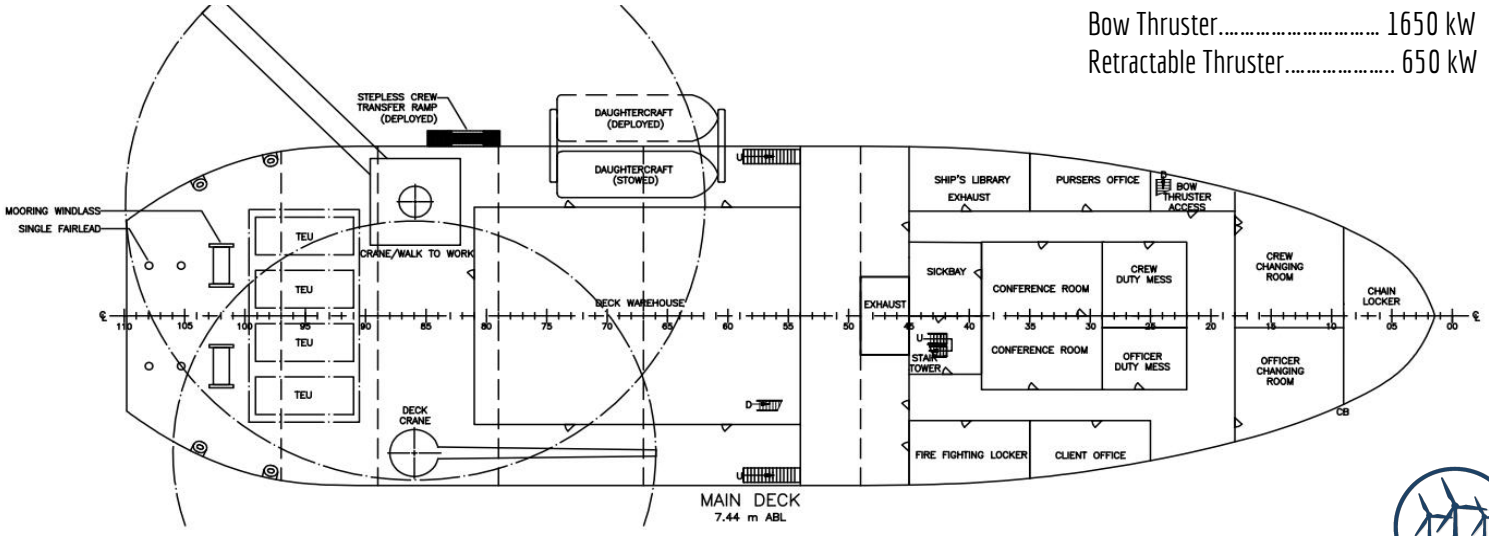




x2 Voith Schneider Propeller (VSP 26)
x2 Voith Inline Thruster (VIT 2000-1650 H)
x1 Voith Inline Propulsor (VIP 1350-650 H SO AZI)

Speed

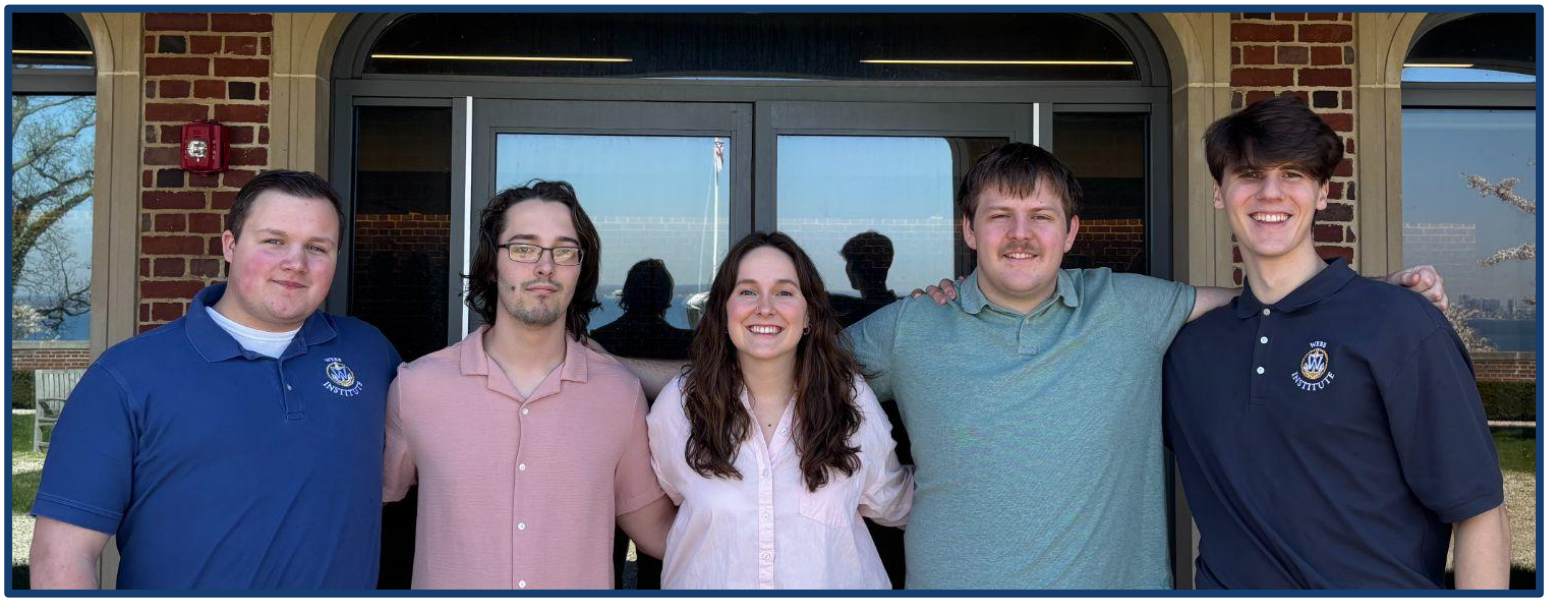
Full load service speed..... 10 kts
Normal operating speed..... 14 kts
Maximum speed..... 16 kts



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EON DESIGN

Energy Offshore Newbuilds (EON) Design Group





JACK JACKSON

Hometown
Carrollton, Texas

Professional Experience
Office: American Bureau of Shipping
Ship: M/T Stolt Perseverance
Shipyard: Resolve Marine Group

Career Plans
Marine classification
Sustainable energy



KYLE BREEN

Hometown
Queens, New York

Professional Experience
Office: Metal Shark Croatia
Ship: R/V Sikuliaq
Shipyard: Snow & Company

Career Plans
Naval Architect
Port Engineer



MILLAY METZ

Hometown
Berkeley, California

Professional Experience
Office: General Dynamics NASSCO
Ship: USNS Matthew Perry
Shipyard: General Dynamics NASSCO

Career Plans
Naval Architect
Large Ship Design



CORBIN OLNEY

Hometown
Monterey, California

Professional Experience
Office: Herbert Engineering Corp.
Ship: USS Hershel Williams
Shipyard: Austal USA

Career Plans
Marine Engineer
Underwater Robotics



ANDREW KARAFA

Hometown
Ada, Michigan

Professional Experience
Office: Fincantieri Bay Shipbuilding
Ship: M/T Stolt Effort
Shipyard: General Dynamics NASSCO

Career Plans
Offshore Wind Industry
Renewable Energy Production

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EON DESIGN