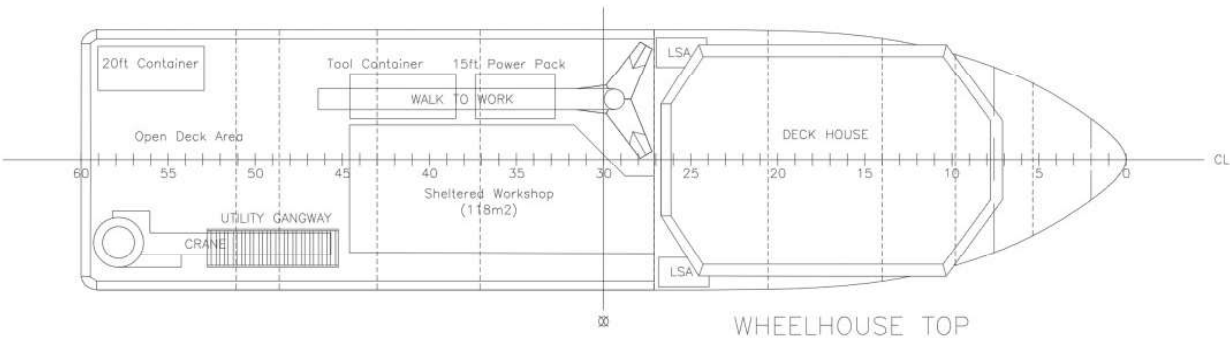
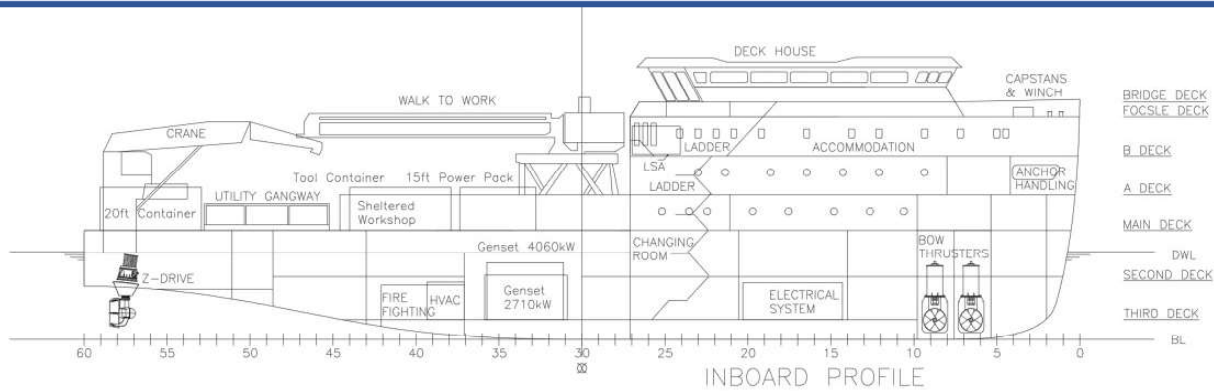


OFFSHORE WIND FARM SUPPORT VESSEL



The mission of this vessel is to support future offshore wind farms in the United States. The ship accommodates up to 30 technicians, has a motion-compensated walk-to-work gangway, two work areas, a deck crane, utility gangway, and is capable of DP-2.

Classification:

ABS A1, DP-2

Performance:

Economical Speed 10 knots
 Maximum Speed 15 knots

Dimensions:

Length 60 m
 Beam 15 m
 Draft 5.25 m
 Displacement 3030 tonnes
 Open Work Area 120 m²
 Sheltered Work Area 118 m²
 Design Deadweight 920 tonnes

Auxiliary Equipment:

All satisfy EPA Tier 4 emissions requirements
 2x Caterpillar C280-12 4060 kW
 2x Caterpillar C280-8 2530 kW

Tank Capacities:

Fuel Oil 500 m³
 Fresh Water 300 m³
 Ballast 320 m³
 Sewage 44 m³

Deck Layout:

Ampelmann A-type walk-to-work platform
 22-meter gangway
 Max height 13 meters above waterline
 Utility gangway for crew transfer
 7.5-meter gangway
 Operated with the crane
 Deck Crane
 25 tons at 5 meters
 5 tons at 15 meters

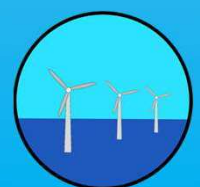
Propulsion System:

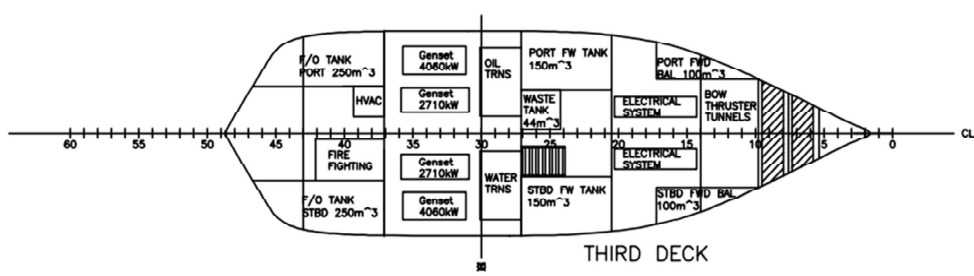
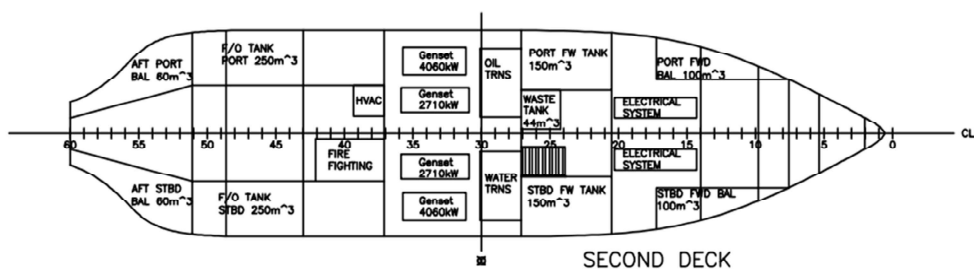
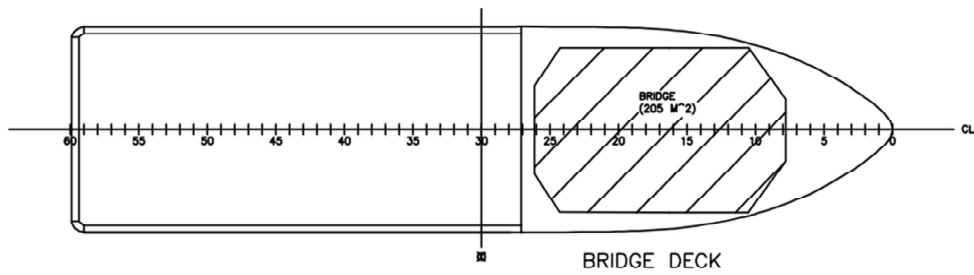
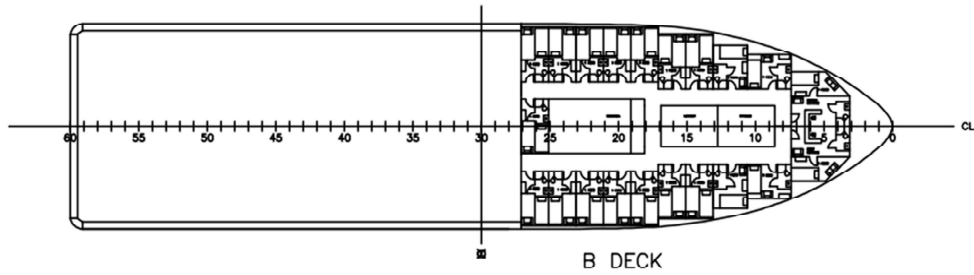
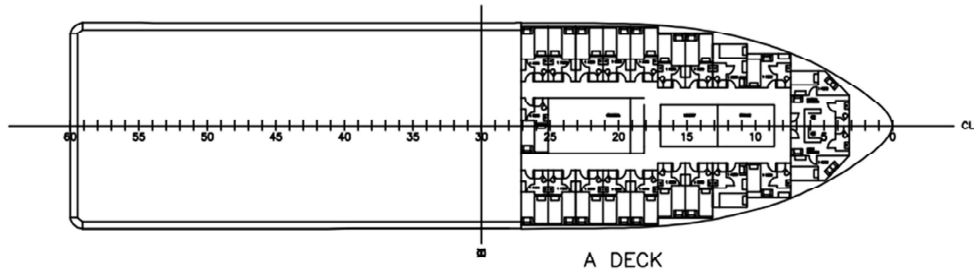
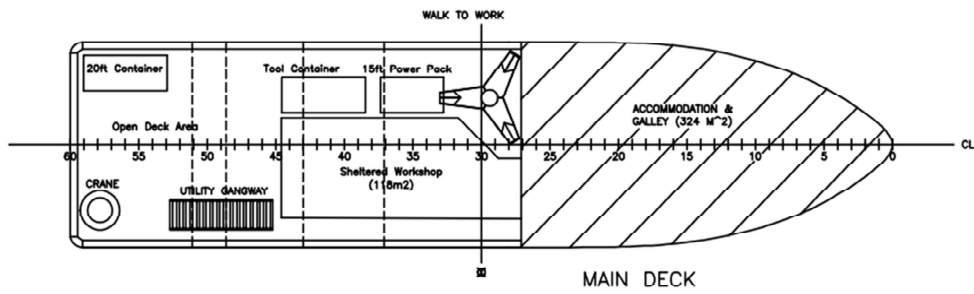
DP-2 Dynamic positioning
 2x Veth VZ/VL-1800 2350 kW
 2x Thrustmaster C105459 600 kW

Accommodation:

6 Officer cabins
 6 Rating Officer cabins
 30 Maintenance Personnel cabins

Offshore Architects





OFFSHORE ARCHITECTS TEAM



Ryan Flanagan

Hometown: The Woodlands, Texas

Work Experience:

- Detyens Shipyard – Charleston, SC (2018)
- Crowley Tankers – *American Liberty* (2019)
- Navatek LLC – South Kingstown, RI (2020)

Recreational Experience:

- Sailing

Career Plans:

- Naval Architect



Robert Maes

Hometown: Brielle, New Jersey

Work Experience:

- Detyens Shipyard – Charleston, SC (2018)
- Crowley Tankers – *Golden State* (2019)
- C-Job – Netherlands (2020)

Recreational Experience:

- Sailing
- Painting
- Shouting

Career Plans:

- Naval Architecture, or anything without EE



Sean Healy

Hometown: Ledyard, Connecticut

Work Experience:

- Westport Yachts – Port Angeles, WA (2018)
- GD Electric Boat – Groton, CT (2018)
- Matson Shipping – *M.V. Manoa* (2019)
- Carderock CCD – Norfolk, VA (2019)
- Greensea Systems – Richmond, VT (2020)

Recreational Experience:

- Soccer, snowboarding, drumming, singing

Career Plans:

- Marine Engineering

Offshore Architects

