



BMS
Baker Marine Solutions



Design

Service Operations Vessel

MAIN DATA

Length overall275 ft
Speed.....13.5 knots
Accommodation60 persons

Wind Turbine Support Vessel BMS 1776

U.S. designed for the American wind market.

Fully developable hull surfaces reduces costly fabrication processes, such as hot and cold rolling.

Digital optimization from MARIN increases hull efficiency by 23%, resulting in 13.5kt top speed.

BlueDrive PlusC system, when spec'd, offers next level diesel-electric control technology resulting in safer, more efficient, and environmentally friendly operations.

Construction utilizing recycled steel reduces emissions by 2,625,000 Kg CO₂ relative to ore-based.

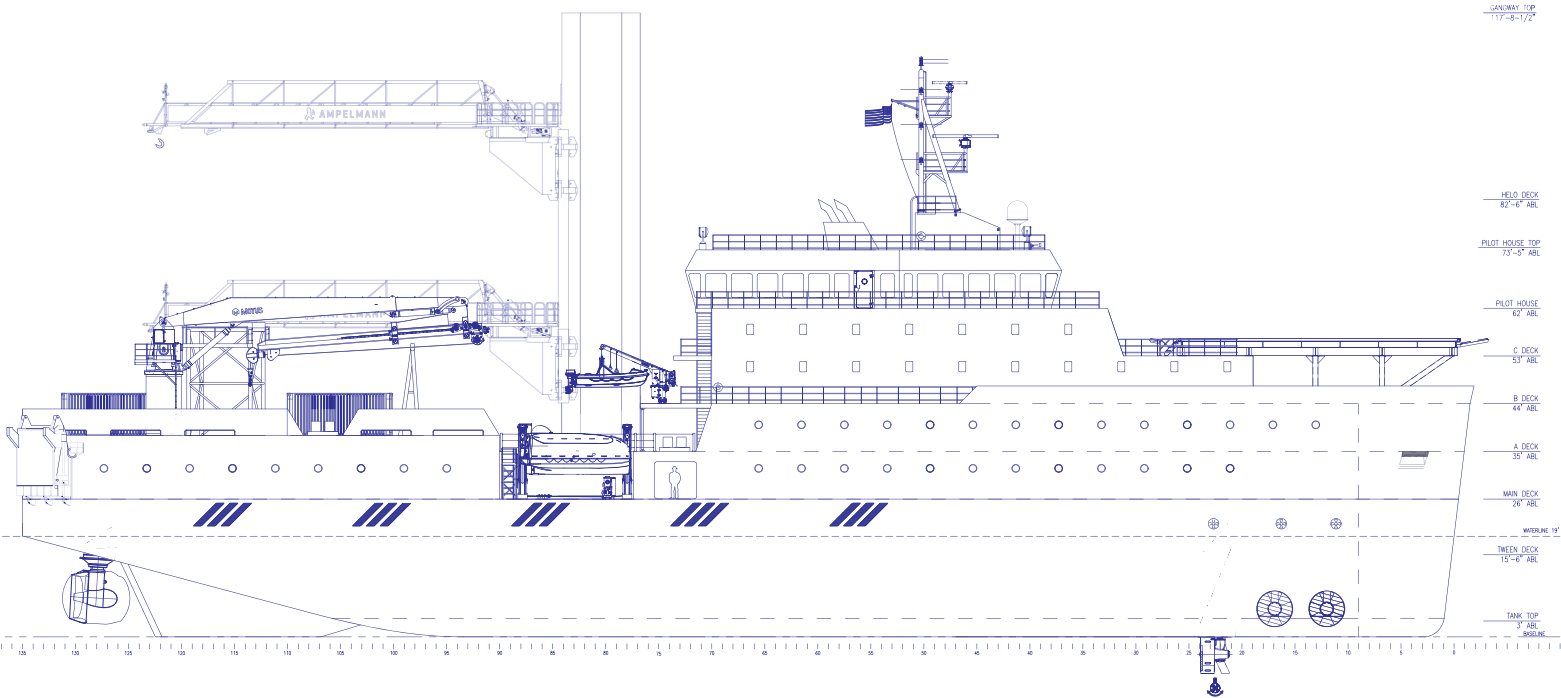
Emissions can be monitored in real time at sea or remotely.

Available hybrid battery system stores excess energy to increase operating efficiency.

Principal Particulars



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Type Classification	Service Operations Vessel ABS \boxtimes A1 (Wind IMR), AMS, ACCU HAB (WB), E, GREEN PASSPORT ENVIRO, UWILD, DPS-2	
Dynamic Positioning	DPS-2	
Dimensions	Length overall	275 ft
	Breadth	57 ft
	Draft	19ft
	Depth	26ft
Capacities	Potable Water	236,000 gal
	Water Ballast	530,000 gal
	Fuel Oil	290,000 gal
	Wastewater	9,000 gal
Main Diesel Generators	4 x 1900 kW each	
Propulsion	2 x L-Drives 2000kW	
Bow Thrusters	2 x Tunnel Thruster 900kW 1 x Retractable Thruster 700kW	
Life Saving Equipment	Lifeboats	2 x 37 Person
	Rescue Boat	2 x Fast C or B
Deadweight	3,000LT	
Speed	13.5 knots	

Gangway	W-Type Ampelmann motion compensating Cargo lifting capability of 2t	
Deck Crane	SWL	5T/15T
	Maximum Reach	29m/18m
Cargo Loading Platform	Hydraulic deck hatch and RoRo ramp for fast loading of standardized cargo	
Warehouse	4,795 <i>ft</i> ² climate controlled	
Open Deck	5,000 <i>ft</i> ²	
Helideck	50 ft	
Accommodation	60 POB	
Cabins	56 x Single, 4 x Suites	
Facilities	Hospital, Cinema, Lounge, Gymnasium 2 x Laundry Rooms 2 x Conference Rooms 8 x Offices	
Endurance	30 days without port call	

Contact

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