



## Windfarm Support Vessel Bibby WaveMaster 1

<b>General:</b>	For Bibby Marine Services the vessel is build by Damen Shipyards Galati. The SOV (Service Operations Vessel) design provides a bespoke solution for operators involved in the transfer and accommodation of offshore wind personnel, capable of remaining at sea for long periods of time while continuously deploying and retrieving engineers and support workers along with their equipment and components.	
<b>Main Particulars:</b>	Length o.a.	89.65 m
	Beam moulded	20.00 m
	Depth moulded	8.00 m
	Design draught	4.65 m
	Deadweight (at design draught)	2,400 t
<b>Capacity:</b>	Deck space	470 m <sup>2</sup>
	Covered/conditioned store/workshop space	400 m <sup>2</sup>
	Deck load (at 1 m above deck)	600 t
	Crew	15 pers
	Special Personnel	45 pers
<b>Speed:</b>	Speed	13.00 kn
	Economical speed	12.00 kn
<b>Machinery and Equipment:</b>	Main engines, Diesel-electric	690 V, 60 Hz
	Power generation	2x Caterpillar 3,516 gensets @ 2,265 ekW each 2x Caterpillar C32 gensets @ 952 ekW each
<b>Miscellaneous:</b>	Main propulsion	2 azimuthing thrusters
	Bow thrusters:	Fixed Pitch Propellers in nozzles, 2,150 kW each 1 Retractable thruster
		Fixed Pitch Propeller in nozzle 860 kW 2 Tunnel thrusters
<b>Scope of Work:</b>		Fixed Pitch Propeller 860 kW each
<b>Ref. No.:</b>	Classification	DNV-GL notation: 1A1, Offshore Service Vessel, COMF(C-2, V-2), DPS(2), Clean, SF, E0, DK(+), SPS, NAUT(OC), BWM(E), Recyclable, HELDK, Crane
	Part of Basic Design, including: Structural drawings for midship zone	
	KEH 14060 / 14073	