



Windfarm Support Vessel Bibby WaveMaster 1

General:	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.		
Main Particulars:	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
Capacity:	Deck space		470 m ²
	Covered/conditioned store/workshop space		400 m ²
	Deck load (at 1 m above deck)		600 t
	Crew		15 pers
	Special Personnel		45 pers
Speed:	Speed		13.00 kn
	Economical speed		12.00 kn
Machinery and Equipment:	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	
	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 Fixed Pitch Propeller 860 kW each	
Miscellaneous:	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 9773595
	IMO number		
Scope of Work:	Part of Basic Design, including: Structural drawings for midship zone		
Ref. No.:	KEH 14060 / 14073		