



MPI Resolution

General:	The vessel is designed in close cooperation between Mayflower Energy and KNUD E. HANSEN. The vessel was built at Shanhaiguan Shipyard (SHG), Chenwei, China and is a Turbine Installation Vessel (TIV) capable of transporting offshore wind turbines to the wind farm site from ashore by its own power. The vessel is transitioning from the afloat condition to an elevated construction mode when installing the turbine structure with its own on-board crane. These operations are carried out without assistance from other vessels.		
Main Particulars:	Length o.a.		130.00 m
	Length p.p.		125.00 m
	Breadth		38.00 m
	Depth		8.00 m
	Draught max.		5.50 m
	Draught min. working condition		3.40 m
Capacity:	Installation capacity		10 x 2Mw Wind turbines
	Max. crane capacity		300 t
Speed:	Service speed		10.50 kn
Machinery and Equipment:	Diesel electric azimuth		
	Main engines		4 x diesel generators
	Installed power		7,680 kW
	Propulsion		4 x azimuth thrusters (6,000 kW) 3 x bow thrusters (2,100 kW)
	Endurance of the vessel		approx. 65 days
Miscellaneous:	Number of vessels built		1
	IMO number		9260134
Scope of Work:	Conceptual Design developed for the Owner Basic Design developed for the Owner, including: General design Structural design Machinery design Outfitting design Accommodation design		
Ref. No.:	KEH 01023		