



Windfarm Infield Cable Layer

General:	The vessel is designed for unrestricted service, the working deck is about 60 m x 24 m and recessed and flush container sockets for twist lock operation are fitted. Below deck are three separate holds. The forward hold for the main-cable reel (diameter of abt 20 m). The two aftmost holds are with flush hatches. A hydraulic operated stern mounted A-frame is fitted. The capacity is 25 tons on the entire span and the outreach is abt. 10.0 m aft and forward of transom. Hoisting winch for A-frame is below deck in the winch room aft. A heave compensated offshore crane is placed in starboard side. The crane is of knuckle-boom type and has a capacity of 25 t at an outreach of 30 m for lift internally on the ship deck or at quay. For sea lift and ship to ship lift, the capacity can be reduced.	
Main Particulars:	Length o.a.	116.90 m
	Length p.p.	111.50 m
	Breadth moulded	24.00 m
	Depth moulded	9.80 m
	Draught (design)	6.50 m
	Deadweight	6310 t
Capacity:	No. of crew	60 pers.
Speed:	Service (90 % MCR)	13 kn
Propulsion:	Diesel-electric	
	2 frequency controlled E-motors with an output of 3000 kWe each	
	2 fixed pitch azimuth thrusters with nozzles and a propeller diameter of 3000 mm each	
	Installed power	7 x 2500 kW
	Retractable thruster	1 x 2000 kW
	Fixed pitch bow thruster	2 x 2800 kW
Miscellaneous:	Classification	DNV
Scope of Work:	Concept Design	
Ref. No.:	KEH 12114	