

# M/V KEM 1

## Vessel specification



**Type:** Wave Piercing Catamaran Crew Transfer Vessel

**Role:** Wind farm support, crew transfer and supply operations

**Built 2014, Evolution Commercial Australia**

**Class notification:** DNV.GL + 100 A5 HSED II Work boat

### Vessel specification

Trading area	North Sea and Baltic Sea
Call Sign:	OWQN2
Complement Total:	12 Pax + 3 crew
Gross Tonnage:	127,4 t
Hull:	Aluminium
Displacement	Light ship 55t
Length o.a:	26,47 m
Breadth:	7,5 m
Draught:	1,2 m
Max fender height:	2,5 m
Max Hs	2,5 m
Bunker capacity, diesel:	9.000 l
Forward deck dimensions:	53 m <sup>2</sup>
Aft deck dimensions:	25 m <sup>2</sup>

### Cargo handling

Max cargo capacity on deck	18 t
Deck crane	One
Maker:	Amco Veba
Model:	804 MF 3S CE
Max lifting capacity	400 kg
Max lifting capacity @ max out - reach	320 kg @ 9,31 m

### Main and auxiliary machinery

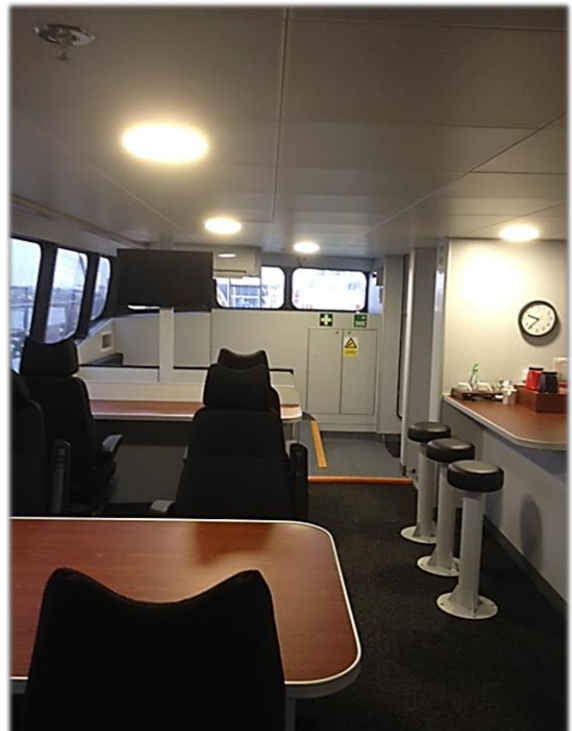
Main Engines	2 x MAN D2860
Power:	2 x 622 kW
Propulsion type:	KaMeWa 50A3 Waterjets
Propulsion equipment:	ZF 3050 gearboxes
Auxiliary energy:	2 x cummins 19MDKBV
Output:	2 x19 kW gen sets
Speed max	31 kts
Speed service	25 kts
Fuel consumption, max speed	340 l per hour
Fuel consumption, service speed	280 l per hour

### Navigation and Communication equipment

Ride Control System:	Humphree Active Interceptor
Radar:	Furuno RCUS 014 & GD1920C-BB
El. Chart system:	MaxSea
AIS	Furuno FA-150
GMDSS	A1 & A2, Enttel HT649
Heading system:	Furuno SC-50
GPS/DGPS:	Furuno GP-33
Autopilot:	Navitron NT888G
Depth sounder:	Furuno FCV-627
Crew finder:	RT 202
Navtex:	Furuno NX-700



**KEM OFFSHORE**  
crew vessel for offshore windfarm



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