

M/V KEM 1

Vessel specification



Type: Wave Piercing Catamaran Crew Transfer Vessel – 24 PAX

Functions: Crew transfer, Wind farm support, and supply operations

Built 2014, Evolution Commercial Australia

Class notation: DNV-GL HSC2000 (A1+A2)

Vessel specification

Trading area:	North Sea and Baltic Sea
Flag state:	Denmark
Call Sign:	OWQN2
Complement Total:	24 Pax + 2 crew
Gross Tonnage:	127,4 t
Hull:	Aluminium
Displacement:	Light ship 55t
Length o.a:	28,5 m
Breadth:	7,5 m
Draft:	1,2 m
Max fender height:	2,8 m
Bunker capacity, diesel:	9.000 l
Forward deck dimensions:	53 m ²
Aft deck dimensions:	25 m ²

Cargo handling

Max cargo capacity on deck:	18 t
Deck crane:	One
Maker:	Amco Veba
Model:	804 MF 3S CE
Max lifting capacity:	1500 kg @ 2,27 m
Max lifting capacity @ max out – reach:	410 kg @ 7,85 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 x 19 kW gen sets
Max Speed:	30 kts
Service Speed:	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



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