

M/V KEM 1

Vessel specification



Type: Wave Piercing Catamaran Crew Transfer Vessel

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

Built 2014, Evolution Commercial Australia

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

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

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| 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

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|----------------------------------|-----------------------|
| 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

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|----------------------|------------------------------|
| 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 |

