

# M/V Karen M

## Vessel specification



**Type:** A Class Guard Vessel and refueling vessel

**Functions:** Guard, chase, supply, generator refueling

**Built:** OMA Norway 1982, Total overhaul in Denmark 2012

**Class notation:** DNV-GL

### Vessel specification

Trading area:	North Sea and Baltic Sea
Flag state:	Demark
Call Sign:	OWFL2
Complement Total:	12 Pax + 5 crew
Gross Tonnage:	108 t
Hull:	Aluminum Monohull
Displacement:	Light ship 69,40 t
Length o.a:	26,94 m
Breadth:	6,0 m
Draught:	1,35 m
Max fender height:	2,0 m
Max Hs, guard:	5 m
Bunker capacity, diesel:	18000 l
Endurance as guard vessel:	20 days
Forward deck dimensions:	30 m <sup>2</sup>

### Cargo handling

Max cargo capacity on deck:	8 t
Deck crane:	Foundation available
Maker:	-
Model:	-
Max lifting capacity	-
Max lifting capacity @ max out - reach:	-

### Main and auxiliary machinery

Main Engines:	2 x GM
Power:	2 x 941 kW
Propulsion type:	Controllable Pitch Propellers (CPP)
Propulsion equipment:	Reintjes gearboxes
Auxiliary energy:	2 x Cummins MDKBU/MDDCK
Output:	35/27 kW
Speed max:	21 kts
Speed service:	15 kts
Fuel consumption, max speed:	340 l per hour
Fuel consumption, service speed:	220 l per hour
Fuel consumption, guard duty:	700 l per 24hr

### Navigation and Communication equipment

Ride Control System:	-
Radar:	2 x radar
El. Chart system:	MaxSea
AIS:	Furuno FA-150
GMDSS:	A1 & A2 Sailor
Heading system:	SAT Compas
GPS/DGPS:	Furuno GP-30
Autopilot:	Navitron NT 920
Depth sounder:	Simrad ED 162
Crew finder:	RT 202
Navtex:	Furuno NX-700

