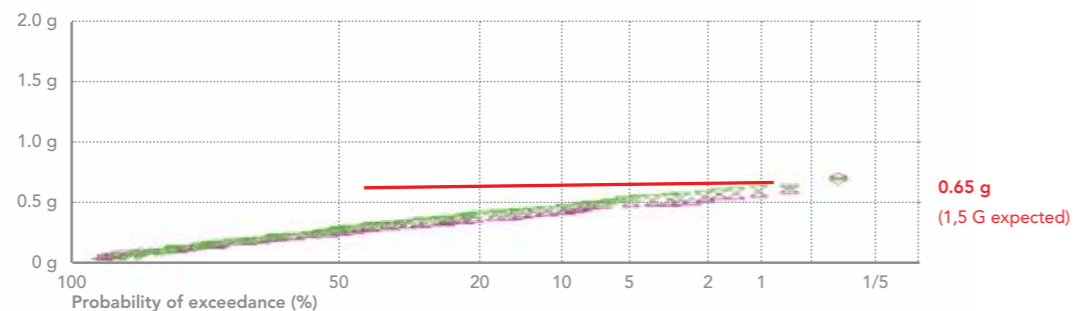


FULL SCALE ACCELERATION TEST AT THE BOW HEAD WAVES Hs 2.0m



FULL SCALE ACCELERATION TEST AT THE BRIDGE HEAD WAVES Hs 2.0m

Damen's R&D department spent a great deal of time improving the design of conventional catamarans to enable the Fast Crew Supplier 2610 to offer unrivalled seakeeping behaviour and lower resistance. This not only provides Operations & Maintenance personnel with a much more comfortable ride, it also reduces fuel consumption. Crucially, the raised work deck and Sea Axe hull shape allow the vessel to keep up its speed in a higher sea state, greatly extending the operating window.



DAMEN FCS 2610



HIGH SPEED SUPPORT VESSEL

DAMEN FCS 2610



DAMEN

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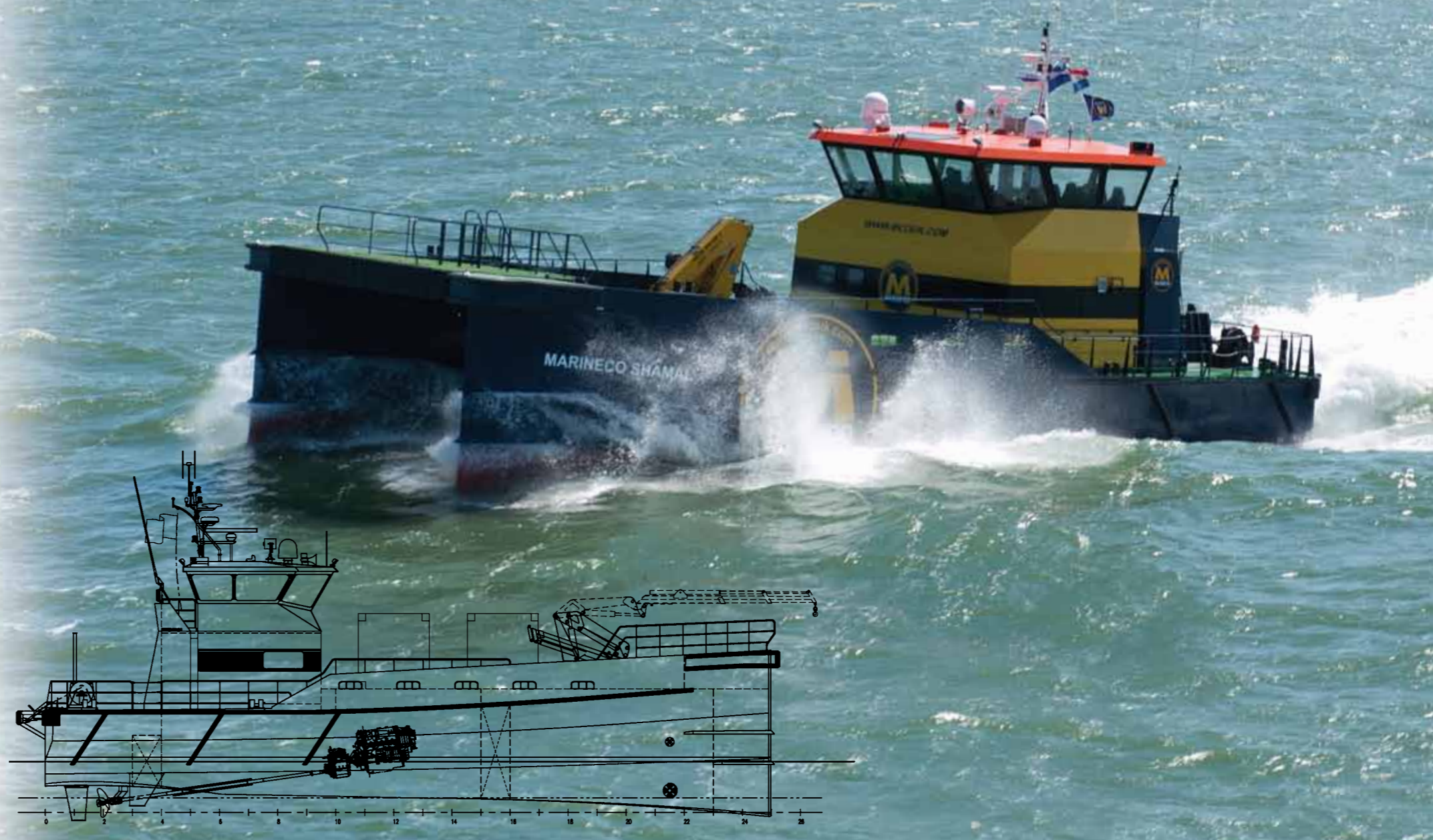
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TWIN AXE

The Damen FCS 2610 – High Speed Support Vessel design is a catamaran version of the highly successful Sea Axe. This enables the FCS to keep up speed in higher sea states, extending the safe operating window. The catamaran design provides a stable platform for easy and safe access and transfer to offshore wind turbines.



DIMENSIONS

Length o.a.	26.30 m
Beam o.a.	10.40 m
Depth at sides	2.40 m
Draught	1.98 m - 2.20 m

TANK CAPACITIES

Fuel oil (total capacity)	21.50 m ³
Fresh water	1.80 m ³
Waste water	0.50 m ³

PERFORMANCES TRIALS

Speed	27.0 kn
Crusing speed	20.0 kn
Range (at crusing speed)	1210 nm

PROPULSION SYSTEM

Main engines	2 x Caterpillar C32 TTA B
Total power	Up to 1790 bkw (2400 bhp)
Gearboxes	Reintjes ZWVS 440/1 (two speed)
Propellers	Fixed-pitch propellers
Bow thrusters	2 x 52 kW

DAMEN FCS 2610



SEA AXE
 Since the eighties, Damen and Delft University of Technology have cooperated in a research programme aimed at improving the seakeeping characteristics of high speed vessels. In the nineties, this cooperation produced the "Enlarged Ship Concept" on which the highly successful Stan Patrol 4207 and 4708 are based. In the beginning of the 21st century, the "Axe Bow Concept" was developed, a hull shape with unparalleled seakeeping characteristics. Based on this concept, Damen has developed the "Sea Axe" Patrol Vessels and Fast Crew Suppliers.

DAMEN



Large diving/ rescue platform recess between the hulls in the aft ship.