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PRODUCTS

Silvia Montagna

Not only fins

CMC Marine is taking to the market its indirect electric helm system, to date produced exclusively for a leading Italian yard. To the new system will be applied Argo, the new and innovative integrated steering-stabilising fins control system produced together with the French company Sirehna.

CMC Marine chose the 2018 Cannes Yachting Festival to launch on the international yachting market a new system for integrated control of the steering and stabilising fins. The festival also saw the announcement of a new partnership between the Pisa company and Sirehna, which had developed exclusive software for the new system.

The new partnership between **CMC Marine** and Sirehna, a French company that is a subsidiary of Naval Group and operates in various fields including hydrodynamics and the control of mobile maritime units, led to the creation of the special software that will be applied to the **CMC Marine** Directa electric helming system. To date it has been produced exclusively for a leading Italian yard, with a total of more than 90 units

installed on eight different models.

The Directa helming systems will join the traditional **CMC Marine** products for which the company is known throughout the yachting world: stabilising and control systems used by the most important yachting players on their vessels.

How does this new special Argo software work?

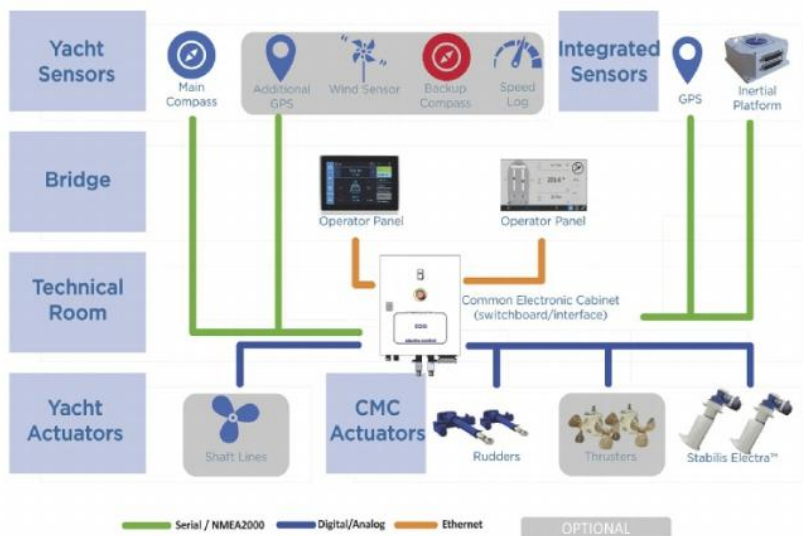
CEO Alessandro Cappiello explains that "Argo is an open system made up of several modules, each designed to offer a different kind of service according to the needs of yards and owners.

We wanted to create a system that could guarantee the maximum safety on board, thanks to greater core stability and better control of turns, which can now be executed with the boat more upright.

These improvements will benefit above all displacement

The Argo system uses a joystick governing engines, fins, rudders and thrusters to handle the boat.

Diagram of the Argo system for integrated control of helm and stabilising fins.



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boats, with a particular form of hull, because they will definitively solve the problem of continuous small course corrections." Argo is made up of four distinct modules: the first system for integrated control of fins and helm with a dedicated autopilot improves seaworthiness when going downwind, with the seas astern or on the quarter, because it combines the action of the rudders with that of the Fins, ensuring

better core stability, a much more closed wake and reduced consumption even with higher speed. The second additional module also controls the engines and makes it possible, again with a dedicated autopilot to control broaching (when the boat travels at the same speed as the waves and their thrust increases boat speed uncontrollably, risking excessive heeling), changing course or speed automatically or sending an

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alarm signal to the skipper. The third module handles the entire boat with an evolved joystick system. The fourth module is a dynamic positioning system, which makes it possible to maintain the exact current position, or to remain in a specific area, on the water, handling the boat with the joystick that involves engines, fins, rudders and thrusters. The new Argo system is the latest result of investments by **CMC Marine** in the development of new electrically actuated systems. The launch of this new product continues the drive for constant innovation and suggests the introduction in the near future of new results of the innovative capacity of the company. Says Cappiello: "I am proud of the results we have achieved. Having 33% coverage of the world market between 30 and 50 metres is a motive for pride for us and is an excellent result of the work we have done in recent years. Despite the world crisis we continued to invest in research and development, hiring young and highly motivated staff, instead of cutting the number of staff as many companies did. The new partnership with Sirehna together with the introduction of new products, such as the Directa helms, are a clear example of this."