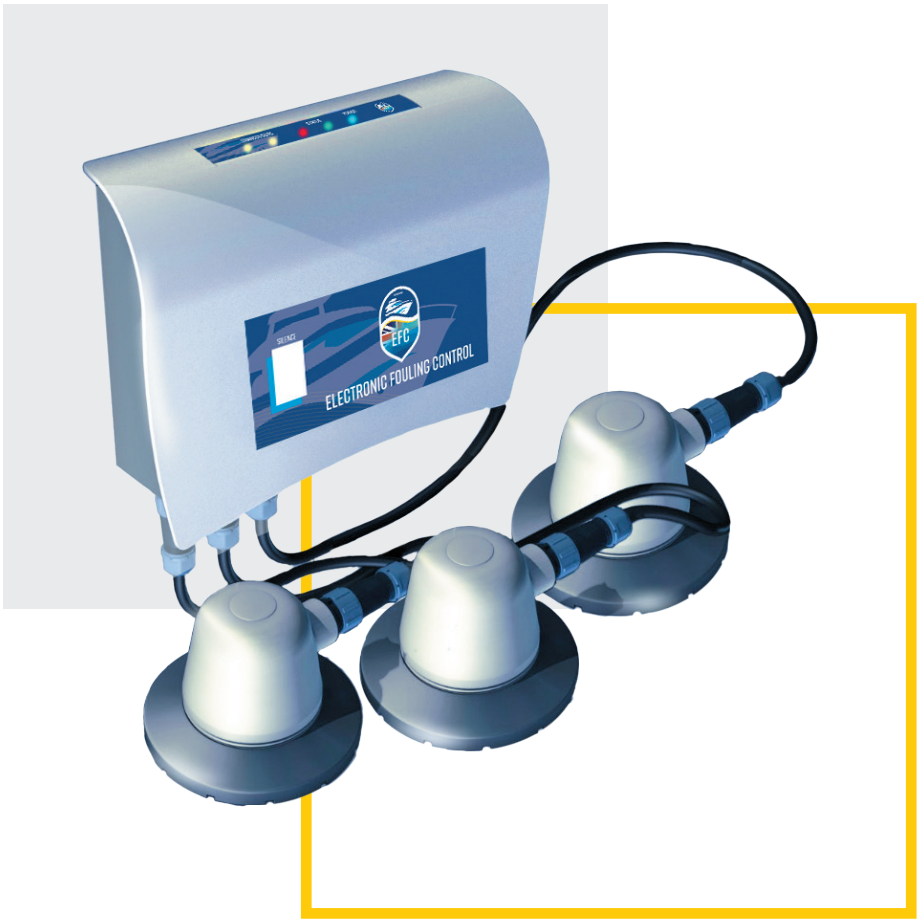
ELECTRONIC FOULING CONTROL

For Leisure + Commercial applications

Eco-Friendly solution to Marine Fouling

EFC utilises advanced Ultrasonic technology, to create an effective and environmentally friendly alternative to conventional marine fouling control. It is easy to install and requires NO thru-hull drilling.



Whether you install EFC as a stand-alone solution, or to enhance your current Anti-fouling regime, you will enjoy the cost and consistent performance benefit of the Eco-friendly EFC system year after year.

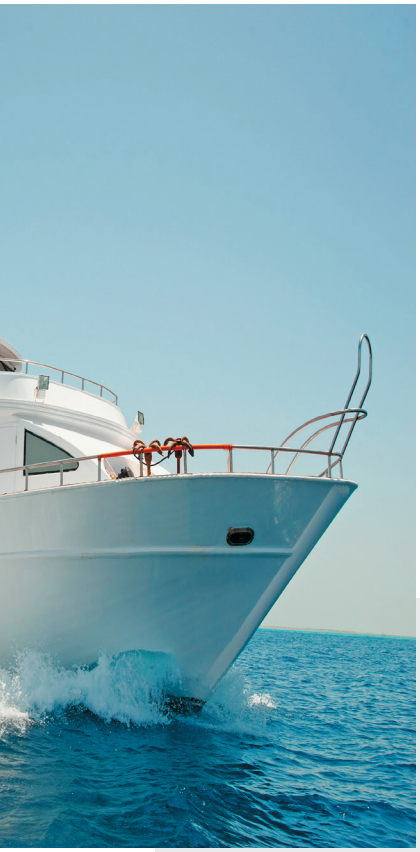
Intelligent AC/DC Optimising

EFC will identify and optimise the primary power resource, automatically switching between AC and DC as required. And when any surplus power is available, the system will effectively go into 'overdrive' using every ounce of that energy to maximise performance. Automatic shut down will ensure essential power requirements are not affected, if low voltage is detected.

Increased Hull Efficiency and Performance + Season long Protection

Where conventional Antifoul will slowly lose effectiveness over time, EFC will continue to work at the same level of optimised power, increasing your hull efficiency and maintaining peak performance, and ultimately saving on fuel and maintenance costs.

You'll have no concerns that your conventional antifoul is struggling to cope - EFC will be working 24/7 so Season Long Protection is guaranteed.



Shore or Solar Power Capability

Aqua Sonic EFC will operate principally from AC Shore Power. However the system can be supplied specifically to harness Solar Energy, operating directly on DC power, either through your own existing solar set-up, or by our factory developed Solar arrangement. With the correct system in place, even vessels on a swinging mooring can utilise and benefit from EFC technology.

Reduced Downtime and Maintenance

By using EFC Ultrasonic technology, you can avoid the considerable time, effort and expense that you would normally associate with applying conventional coatings.

Even if your vessel has pre-existing hard antifoul applied, EFC will enhance the performance to the extent that annual lift outs will not be necessary [apart from boat maintenance in general] and whereas, you would be expected to re-apply antifoul as a seasonal expense, you could be looking to do this on only a three or four year, perhaps even five year basis using EFC.

Would you like to spend more time enjoying your boat and less time maintaining it?

It puts an end to the annual antifoul lift out and gives you a boat that performs consistently all year round.

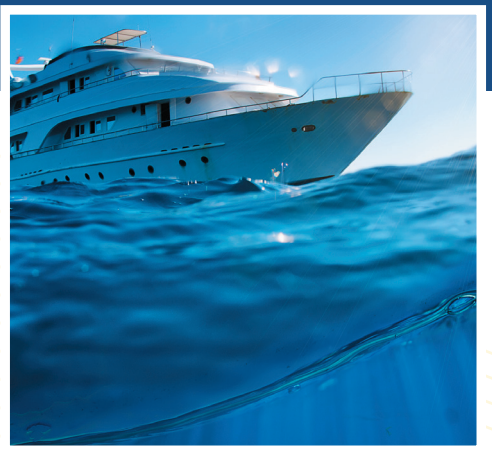
New hulls do not necessarily require any pre-treatment prior to installing EFC.

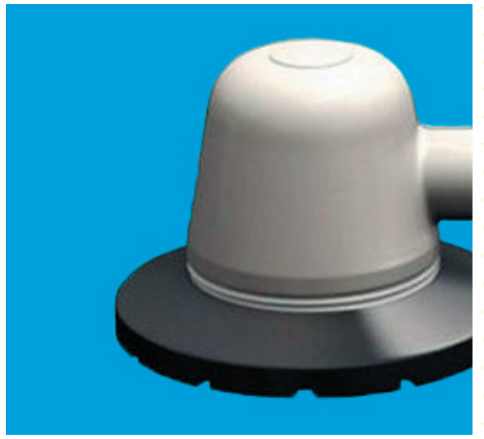
Commercial Applications

Our products can be developed for specific tasks beyond conventional hull fouling control.

We have experience in creating systems to suppress bio-fouling on Stern Gear, Sea Chests and Cooling Systems on larger Leisure and Commercial Craft, as well as Fixed Offshore installations where fouling is an issue.

With commercial operators the considerable financial saving and minimal downtime are clear.





What are the benefits of EFC

1
Environmentally Friendly Ultrasonic Technology

2
Reduced on-going costs

3
Reliable performance

4
Consistent fouling control for your hull and ancillaries

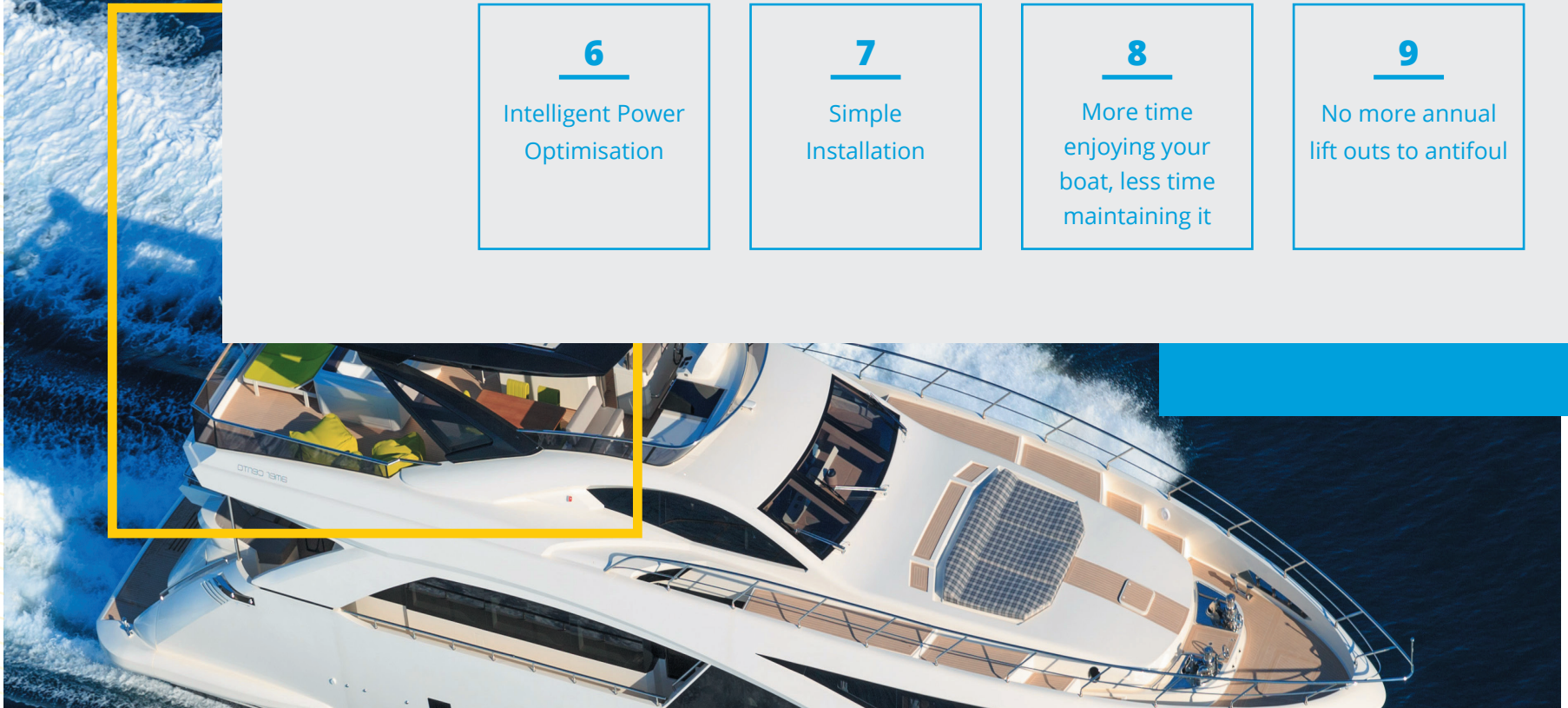
5
Low Maintenance compared to conventional coatings

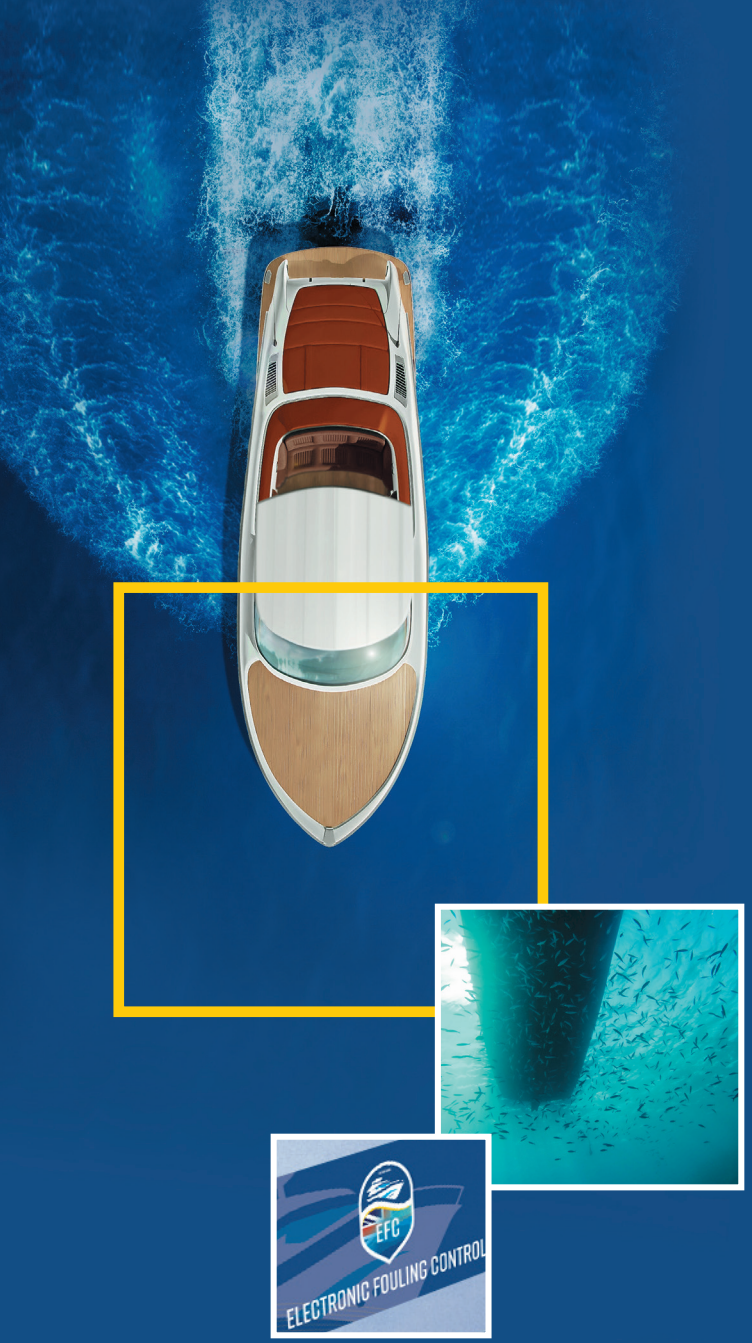
6
Intelligent Power Optimisation

7
Simple Installation

8
More time enjoying your boat, less time maintaining it

9
No more annual lift outs to antifoul





How it works

EFC uses pulses of Ultrasonic frequencies to deter micro organisms from attaching themselves to your motor boat or sail boats hull. The removal of these micro organisms is important in the antifouling process as their presence create a habitat / food source for larger aquatic organisms such as barnacles.

The Ultrasonic frequencies are delivered to the boats hull through a series of transducers that are attached to the inside of the bilge area meaning no through hull drilling is required.

The transducers are then connected to a control unit that is intelligently controlled to ensure the optimum power (12v/24v or 110V - 240V) is supplied for maximum cleaning efficiency.

The pulsing of the transducers creates areas of negative and positive pressure resulting in micro jets surrounding the boats hull leading to the destruction of the single cell micro organisms (Algae). This pulsing effectively creates an invisible shield around the boats hull protecting it from these micro organisms commonly referred to as Bio-foul. This Bio-foul is the first stage in the overall marine food chain and the removal of such Bio-foul results in the removal of the food source for larger aquatic wildlife such as barnacles.

The ultra high frequencies are not harmful to humans, fish, plant life or any other marine based life forms.

UK Designed, Developed and Manufactured.

Disclaimer

The system does not remove the requirement for boat maintenance and the system has a return to base warranty. Existing antifoul or bottom paint applied will deteriorate over time and repainting may still be required.