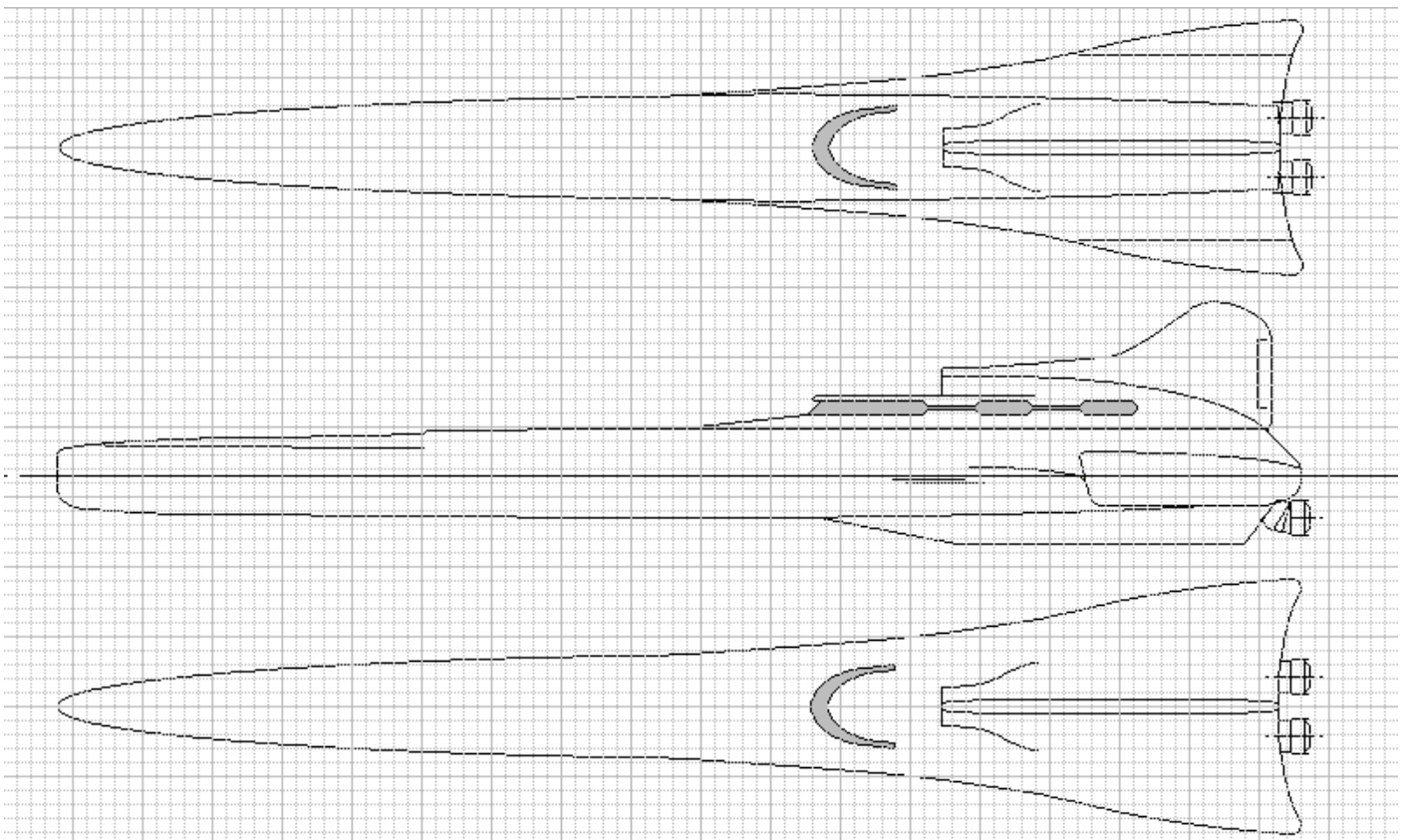




# Company Profile

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# An Atlantic Challenge Business Opportunity





## The Company

Maricuda is an exciting new marine design and technology company, based on the UK South coast, with a naval architect-designed portfolio of marine concepts ready to launch.

It is the intention of Maricuda to build a superyacht, the Maricuda Atlantic Challenger (the MAC), that exudes next-generation technology, to compete for the coveted Hales Trophy.

David Aitken, MD of Maricuda has assembled a team of highly-skilled engineers to ensure this mathematically proven concept craft is built to an exceptional standard of competence, safety and design.

This unique craft will be capable of passenger or load-carrying at high speed over long distances without re-fuelling. This vessel is being specifically designed for post-Hales Trophy life and its capability will attract commercial interest from international fast-ferry operators, the military and private operators.

Maricuda successfully launched the extraordinary Aquarion Bilge Pump and the Triton Anchor with variable geometry at the recent 2010 Seawork International Exhibition, Southampton.

## The Business Proposition

The creation of any leading-edge, high-technology product requires considerable investment, both financially and in time.

We at Maricuda believe that this project deserves significant support and world-wide attention because quite simply it has the power to change the perception and nature of maritime travel. This craft will ensure safe, exceedingly fast travel for cargo or passengers, in all-weather conditions across huge distances without re-fuelling. 3000 miles in under 2 days.

Maricuda seek support from principal and secondary sponsors, high-technology companies that wish to use this opportunity as a test bed for their equipment, potential end-users, investors in future technologies and private investors.

World-wide merchandising, international broadcasting and film rights, the licensing rights for the three patentable design concepts and the sale of the trophy-winning craft are the commercial returns available to interested parties. To discuss this proposition further please contact in the first instance Martin Spooner. (See final page)



## The Atlantic Challenge

A 220' wave-piercing trimaran is to be constructed in the UK, that has automated fast-response hydraulic systems and dynamic attitude-sensing controls. Powered by two gas turbines this exciting all-weather craft will carry a fuel load sufficient to complete the 3000mile trans-Atlantic crossing in under two days. The MAC hull design has been dubbed, 'The Concorde of the Seas'.

## The History

In 2004, Maricuda Managing Director, David Aitken produced the concept design for the 170ft twin gas turbine powered trimaran in a bid to compete for the prestigious Blue Riband. The craft was designed to complete the journey from the Ambrose Light to Bishops Rock in under two and a half days and was also set to win the Hales Trophy by crossing the Atlantic Ocean in the fastest time. The record stands at 2 days and 20 hours. The 2004 attempt was abandoned due to the unexpected loss of a major institutional backer.

## The Strategy and Means

To complement the team, Devonport Yachts, based in the historic Pendennis Yards of Falmouth have been selected to build the Atlantic Challenger. ([www.devonportyachts.com](http://www.devonportyachts.com))

**Stephen Hills**, MD, and his team bring to the project an abundance of skills and experience in lightweight, high-tech construction of superyachts. Stephen will ensure that high-quality project management and engineering support will be available at all times.

**Richard Slee**, Director of [LookoutMedia](http://www.lookoutmedia.co.uk) ([www.lookoutmedia.co.uk](http://www.lookoutmedia.co.uk)) brings professionals from BBC and ITV to the team and is recording each significant stage of the Maricuda Atlantic Challenge project.

**Kevin Cowlard** of Tandl, Creative Design ([www.tandi.co.uk](http://www.tandi.co.uk)) is currently bringing the MAC to life in a 3D animated format.

**Fred Russias** of Actinweb ([www.actinweb.com](http://www.actinweb.com)) is redesigning the website to a superior standard to accurately reflect the branding qualities of Maricuda

Once finance is in place, the design and construction programme will commence, prior to launch in 2012. An Olympic year.



## The Team

To ensure this craft is built to an exceptional standard of engineering excellence, David Aitken has selected and leads the following team members:

**David Aitken** MSc (Brunel) CEng MIMechE MICE AMRINA - Managing Director.

A professional career engineer turned entrepreneur, David formed Maricuda Ltd in 2009 for the purpose of manufacturing and marketing his long list of inventions and original designs related to the marine industry.

David has re-designed the original Challenger craft and added patentable features that will have wide post-event appeal to the military and commercial sectors. David has been responsible for the the project management and financial control of multi-million pound engineering projects and brings to Maricuda the skill set which fits the current drive to bring innovative marine technology to life and deliver them to market.

David provides the engineering project management function to ensure that the finished craft is produced to the required specification, on time and within budget.

**Martin Spooner** - Director, a professional entrepreneur from the hospitality industry, skilled in managing people, projects and time, cost-effectively. A keen sailor, Martin recognises the value of achieving high standards of safety at sea and the huge merits of bringing innovative concepts to life. Martin is the co-ordinator, organiser and administrator behind Maricuda and will manage the commercial aspects of the MAC project and ensure that all sponsors, manufacturers, specialist suppliers and the media receive excellent communications.

**Mark Lello** LL.B, BMLA, BMF, Skipper

Mark is a qualified Yachtmaster with Commercial Endorsement. A grandson of the Chief Electronics Designer of Concorde he is also a veteran of the Tall Ships Atlantic Challenge of 1984. He is Managing Partner of Parker Bullen LP, a law firm that is committed to the marine industry, including advising designers and owners of yachts, super-yachts and other maritime craft.

**Peter Knightbridge**, Documentation Control Engineer

**Charlie Charles**, Gas Turbine Engineer

**Toni Ferraro**, Sonar and FLIR Engineer

**Adrian (AJ) Filer**, Radar and Comms Engineer

**Tom Simpson**, Systems and Control Engineer

**David Lunt**, Audio-Visual Engineer



## The Persuasion

**For the Military** – a low radar signature, speed of up to 70kn, the hull and topsides of all aluminium construction for durability, twin gas turbine or diesels for power, a unique independent survival system, a range of 3000 miles and the intention that the MAC should be powered by green fuel to further lessen its impact on the environment.

**For Civilian use** – all of the above plus, UK to USA for example, in under 2 days, very smooth, safe ride.

**For Commercial operators** – all of the above plus offering an opportunity to supply distant vessels, offshore operators and international ports with a unique marine courier service in all weathers and also a unique ultra-fast cruise /travel experience.

## Footnote:

### The Aquarion Manual Bilge Pump

This **maricuda** manual bilge pump is an all-new, high-quality, precision-engineered marine aluminium design of seal-less pump with a double-acting lever that does not require electrical input or perishable rubber diaphragms.

With exceedingly high reliability, simple operation, low maintenance, multi-compartment and multi-fluid usage, positive displacement and with an integral diverter valve, the Aquarion will become the mariners friend and pump of last resort for it also offers a unique fire-fighting capability.

#### **Scenario:**

Your boat is holed, the radio and the electrics have failed and the diaphragm on the bilge pump has split, you and the crew are in danger. Water is pouring in and the rescue services cannot be summoned. Think **maricuda for safety at sea!**

## The Triton Anchor

Manufactured in grade 316 stainless steel and offered in a range of sizes to suit all craft. The Triton with its innovative variable geometry has been specifically designed to have exceptional holding qualities in both sand and mud, with the option to adjust the fluke angle on some models to suit the bottom type.



## Contact

**David Aitken**

T: 02380813615

E: [david.maricuda@onetel.com](mailto:david.maricuda@onetel.com)

**Martin Spooner**

T: 01202 830036

E: [martin@maricuda.co.uk](mailto:martin@maricuda.co.uk)