

MARINE NEWSLETTER

SEPTEMBER 2018

The Future of Fast Cruising



[Baltic Yachts](#) are in the process of completing their latest innovation, the Baltic 142 Custom. Due to be launched in 2019, the 43m yacht is being built in Gurit SPRINT™ and prepreg using predominantly Corecell™ M Foam and will be the first super-sailing yacht to feature the Dynamic Stability System (DSS) foil technology.

The DSS, a 29ft 6in (9m) long sliding foil built into the yacht just below the waterline

and deployed leeward, has already proven successful in smaller high performance racing yachts. This, however, is the first time it will be used in a superyacht and is expected to improve the performance by 20% as well as increase comfort by reducing any pitching motion.

For more information on the DSS foil and Gurit's involvement please [click here](#).

Ultimate Performance Monohulls



The [Charal Sailing Team's](#) new IMOCA60 "Charal" has been launched on the 21st of August. Gurit engineers have worked closely with designers [VPLP](#) to provide full structural engineering. Throughout, optimisation of the structure was undertaken which saw significant weight savings in the keel and foil support structure, despite the yachts featuring larger foils than previous generations.

Advanced slamming analysis was also undertaken, utilizing Gurit's own analysis tools to provide the team with a more researched, accurate balance between high performance

and longevity. She has been built by [CDK](#) using Gurit's high performance prepregs and Corecell™ structural foam core.

Charal is the first [launch](#) within the new generation of IMOCA60s that will compete in the [2020 Vendee Globe Race](#). While she is successfully undergoing her first sea trials, the Gurit engineering team is working with VPLP on another top profile IMOCA60: the new "[HUGO BOSS](#)" for [Alex Thomson](#) that is currently in build at Carrington Boats (UK) and due to be launched in 2019.

Emirates Team New Zealand Appoints Gurit as Official Supplier for the 36th America's Cup Defence Campaign

A full range of composite materials, including Gurit's proven and trusted carbon fibre prepregs and structural core materials for the marine industry, as well as related equipment will be supplied for the build of the AC75 class yachts to be used by Emirates Team New Zealand during the Defence. [Read more](#)



Granocean's All Carbon Power Cat

The team at Granocean are busy producing their latest power catamaran, the Granocean W-68. Being built as a luxury vessel for domestic use in China, she features an all

carbon fibre construction with Corecell™ M Foam and benefitted from a complete structural engineering package from Gurit to reduce the weight and to allow for the use of IPS drives.

[Click here](#) for a fly-through of this superb yacht.

Gurit Ampreg™ 30 and Ampreg™ 30LRT

Gurit has launched Ampreg™ 30, a new low toxicity epoxy laminating system for the manufacture of large composite structures.

Ampreg™ 30 prioritises user health and safety. It features a robust resin matrix resulting in excellent mechanical and thermal properties of laminates. The laminating system is available with a range of hardener speeds, all applying the same simple mix ratio and the ability to blend hardeners to achieve a range of intermediate working times.

Ampreg™ 30 is also available as LRT (Light Reflective Technology) version, an addition to the resin matrix that enables inspection of contamination by means of UV light to reduce workers' exposure to chemicals and without changing the mixing and handling properties of the laminating system or cured resin performance.



DRAGON GOLD CUP 2018

Gurit was proud to support the organisers and sailors at the [Dragon Gold Cup 2018](#) as a main sponsor of the event in Helsinki, Finland. The regatta consisted of 5 races over a week where amateur and professional sailors alike competed against one another.

Congratulations to Jørgen Schönherr, Christian Videbæk and Theis Palm on winning the regatta aboard the dragon 'African Queen XI'.

Recent Project Launches

For an overview of recent marine projects which we have been pleased to support with composite engineering, composite materials or both, please [click here](#)

...and currently on our Engineering Team`s desks:

- New [“HUGO BOSS” IMOCA60 for Alex Thomson](#) designed by [VPLP](#) and built at Carrington Boats
- 100' high performance cruiser designed by [Reichel/Pugh](#), [Nauta](#) and built at Southern Wind Ship Yard
- Performance Foiling Catamaran designed by [VPLP](#) and built by Magma Composites
- Oceanwings Wing Sail designed by [VPLP](#)
- [Gulf Craft Majesty 175](#) – new largest superyacht Gulf Craft has built to date, designed by [Yankee Delta Studio](#)
- [Numarine 26XP](#) – planning and displacement version
- [Ares 85 Hercules](#) – naval duties vessel (e.g. border patrol, law enforcement, search and rescue operations, surveillance)
- [A.R.C. Yachts](#) 21m solar catamaran – hybrid solar / diesel / battery motor yacht
- [SARP Yachts XSR-85](#) – high end motor yacht designed by [Red Yacht Design](#)
- [Vita Yachts 28' electric superyacht](#) tender – new world speed record for electric boats

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Meet us at one of the Upcoming Events:

[Yacht Racing Forum 2018](#)

Bretagne, France

October 22-23 2018

[METSTRADE](#)

Amsterdam, Netherlands

November 13-15 2018

[Foiling Week™](#)

Sydney, Australia

December 13-16, 2018

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