

# MARINE NEWSLETTER

May 2023

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## A successful JEC World Show

Between April 25th and 27th, Gurit took part in JEC World in Paris, the world's largest composites-focused tradeshow, receiving many visitors, clients and partners. Thank you to everyone who visited us on our stand.

Our marine showcase was focused on our comprehensive lightweighting composites package and included an 'exploded' hull section utilising Gurit prepreg, cores and formulated products, as well as engineering services.

## Meet us at these tradeshow

Gurit will be attending:

[PHILMARINE](#) in Manila, PH, 20-22 June, co-exhibiting with BP Technologies on booths 173 & 185

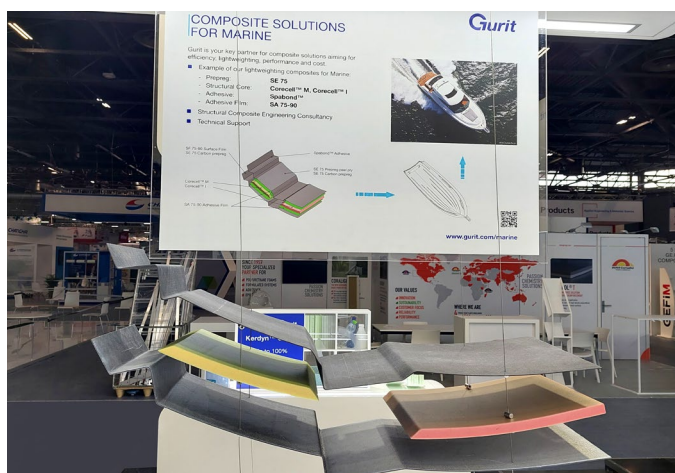
[IBEX](#) in Tampa, FL, 3-5 October, booth 3-942

[CAMX](#) in Atlanta, GA, 31 October-2 November, booth U63

[INDO PACIFIC](#) in Sydney, Australia, 7-9 November, booth 4C24

[METSTRADE](#) in Amsterdam, Netherlands, 15-17 November, booth 12.601

We look forward to meeting you at one of these events!



Left: Hull section exhibit of Gurit's composite solutions for Marine: prepreg SE 75, Corecell™ M & I structural core, Spabond™ adhesive, SE 75-90 adhesive film. Right: Gurit's stand received many visitors over the 3 day event





## Modernising the Philippines marine sector with advanced composites



BP Technologies, a division of Big Pix Graphic Systems Inc, entered into an agreement with Gurit in 2014 as the distributor of Gurit structural core materials to the local composite industries in the Philippines, including the marine, construction, furniture and interior design sectors.

### Introducing composites and new technologies

With extensive experience and knowledge in the marine sector, the BP Technologies team, operating out of Makati City, helps clients in the Philippines replace traditional manufacturing materials with stronger, more durable and lightweight composite products.

### Working with Gurit

With support from Gurit, BP Technologies has been able to introduce new, innovative and efficient manufacturing processes to the marine industry in the Philippines.

“With expertise and support from Gurit, BP Technologies has been able to expand its horizons in the local marine market and has been a vital contributor to the modernisation of the Philippines’ patrol boats and passenger boats. We now display a strong presence in Luzon, Visayas, and Mindanao and composites have been a game changer in the boat building industry. The collaboration has allowed us to diversify and expand our offering” said Antonio Leonardo, Manager BP Technologies.

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**WITH EXPERTISE AND SUPPORT FROM GURIT, BP TECHNOLOGIES HAS BEEN ABLE TO EXPAND ITS HORIZONS IN THE LOCAL MARINE MARKET. THE COLLABORATION HAS ALLOWED US TO DIVERSIFY AND EXPAND OUR OFFERING.**

Antonio Leonardo, Manager BP Technologies

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### Gurit to co-exhibit at Philmarine 2023

In June, Gurit will join the BP Technologies team at the 8th Edition of Philmarine 2023, the only specialised maritime, shipbuilding, and offshore event in the Philippines. Gurit core materials and a range of other composite products will be on display and the teams look forward to exploring new developments and opportunities in the market.

Visit Gurit and BP Technologies at Philippines Marine 2023 Tradeshow, 20-22 June in Manila on Stands 173 & 185.



## Gurit Australia - official partner of the Riviera Festival of Boating 2023

The Riviera Festival of Boating has become an internationally recognised event and a must-attend for all Riviera owners, many of whom travel great distances to be there.

Held over three days, the Riviera Festival of Boating consists of boating education seminars, workshops imparting a world of knowledge and skills, technical information and updates from key industry experts. And of course, entertainment and fun to anticipate at the exclusive signature social events by Riviera.

Gurit is proud to be in partnership with Riviera and looks forward to supporting the 2023 Riviera Festival of Boating activities.

The event is held in conjunction with the **Sanctuary Cove International Boat Show** (25th-28th May) so owners can enjoy the expansive showcase of new Riviera motor yachts and premiere models ranging from 39-78ft.

[www.rivieraaustralia.com](http://www.rivieraaustralia.com)



Photo credit: Riviera

## Gurit to attend Sanctuary Cove Boat Show on 25th May

Our Gurit Australia sales team will be attending Sanctuary Cove International Boat Show (SCIBS) on Thursday 25th May to visit Gurit clients and explore new opportunities.

The SCIBS is the most glamorous, immersive, unmissable boating lifestyle event in the Southern Hemisphere, attracting over 45,000 visitors. The latest – and greatest superyachts and luxury powerboats, boating tech and equipment, exclusive waterside VIP experiences and luxury lifestyle items will be on display.

To book a time with our Australian team please contact;

**Gerard Laffan, Sales Manager Australia**

T +61 (0) 410 496 784

**Sam Lyon-Jones, Technical Sales Manager**

T +61 (0) 474 009 59

<https://sanctuarycoveboatshow.com.au/>





## New Zealand Marine Industry Sailing Challenge, April 2023

The Marine Industry Sailing Challenge and the Nic Saull Memorial Trophy are fleet races in the Farr MRX yachts on Auckland's Waitemata harbour. The event is open to all leading companies in the New Zealand Marine Industry, and organised by MRX Yachting Ltd and their Marine Industry Sponsors.

Team Gurit, with a crew of 6 from our Gurit Asia Pacific site went head-to-head against friendly rivals from North Sails, Ovlov Marine, Attest, TNL Pindar and the New Zealand Marine Industry Association.

The MRX fleet raced three short courses (without spinnakers) with close exciting racing, followed by a prize giving at the Royal New Zealand Yacht Squadron.

### MRX Yachting fleet

The MRX fleet in Auckland is made up of eleven identical 10.3m Bruce Farr designed, New Zealand made racing yachts. They are used for National and International match racing, fleet racing and club racing as well as in key regattas in partnership with the Royal New Zealand Yacht Squadron.

Each yacht must have an experienced MRX-approved skipper, with all crew wearing life jackets and completing a full safety briefing on the dock before departure. There is a maximum of 8 crew per boat.

<https://www.mrxyachting.com/>



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**THE MRX FLEET CAN ACCOMMODATE ALL LEVELS OF SAILING ABILITIES WITH THE MINI-SERIES, SHORT-RACE FORMAT MAKING IT THE PERFECT TEAM BUILDING EVENT, PLUS LOTS OF FUN CHALLENGING OUR INDUSTRY PARTNERS OUT ON THE WATER IN A FRIENDLY SAILING COMPETITION.**

Chris Moors, Gurit Sales Manager

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## CCF Composites: Building the J/9

J/Boats are legendary around the world for their one-design classes and history of offshore racing and cruising success. Responding to a growing need for a more comfortable and simpler daysailer, J/Boats has introduced a sleek new 28 footer, the J/9, with an exceptionally comfortable cockpit and an easy to manage sailplan.

Gurit customer, CCF Composites of Bristol, RI, USA is currently fabricating the J/9, using Corecell™ M as standard throughout the boat. Cesar Daponte, General Manager / Owner at C&C Fiberglass, says: “CCF Composites has been using Corecell™ M Foam for the last 20 years. The consistency in the foam's quality has allowed us to successfully build hundreds of NorthCoast Boats and over one thousand J/Boats over the years. Gurit products have allowed us to stay competitive while producing superior parts.”



The J/9 cockpit has four corner seats to nestle into and enjoy the day, and access has never been easier with a swim platform behind the cockpit allowing walk-through boarding. The new J/9 offers the cockpit comfort and sailing features of a larger boat, at a price many will find competitive.

<https://jboats.com/j9>

## 37th Americas Cup 2024

Over the years Gurit has been heavily involved with many of the America's Cup syndicates, with supply of high quality, high performance lightweight materials and technical support.

Hosted in Barcelona, Spain, racing in the 37th America's Cup has been scheduled between August and October 2024, promising to be one of the most intense editions to date as syndicates battle on the water for the oldest international sporting trophy – the Auld Mug.

### Updated AC75s take to the water

For the second time in the event, yachts designed to the AC75 box-rule development class will be raced. They will differ slightly from the yachts raced in 2021 as the rule has been updated, primarily with the aim of improved light wind performance and reducing crew numbers from 11 to 8. The same four teams from the 2021 event are set to return and joined by two new teams.

- Emirates Team New Zealand – America's Cup Defender
- INEOS Britannia – America's Cup Challenger of Record
- Luna Rossa Prada Pirelli
- American Magic
- Alinghi Red Bull Racing
- French Orient Express Team

### Youth & Women to race in new AC40s

Each syndicate is required to purchase a one-design AC40, which will be used in the America's Cup preliminary series, made up of two events in the run up to the Cup.

The AC40s will also be used for the re-introduced Youth America's Cup and the new Women's America's Cup events.

The AC40 foiling race boats are built with advanced composites and production techniques by McConaghy Boats in China.

### Joint commitment to sustainability

There is a joint commitment to sustainability between AC37 Event Ltd and World Sailing, with the 37th America's Cup officially sanctioned as a World Sailing Special Event. The commitment will focus on investment in local community projects as part of Barcelona's [Blue](#)



[Economy](#), as well as work which supports Agenda 2030, World Sailing's sustainability strategy for the sport.

AC37 Event Ltd CEO Grant Dalton is proud to keep pushing tangible investment in Barcelona's Blue Economy as well as wider sustainability projects, building on the now mandatory requirement for all competing AC37 teams to use zero-emission hydrogen powered foiling chase boats.

Gurit structural engineering team played a significant role in the development of ETNZ's chase boats, and undertook Finite Element Analysis to meet the structural, performance and systems requirements.

'Chase Zero' is a 10m long, 50 knot foiling catamaran and the America Cup organisers require every syndicate to use a chase boat at the event.

[www.americascup.com](http://www.americascup.com)





## Baltic 68 Café Racer Open Season preparing for commissioning

Baltic Yachts have recently built their second 68-foot Café Racer, following the success of the first, Pink Gin Verde.

The Javier Jaudenes-designed *Open Season* recently left Jakobstad, Finland, for Palma de Mallorca, where she will be commissioned by the Baltic Yachts Service and Refit team.

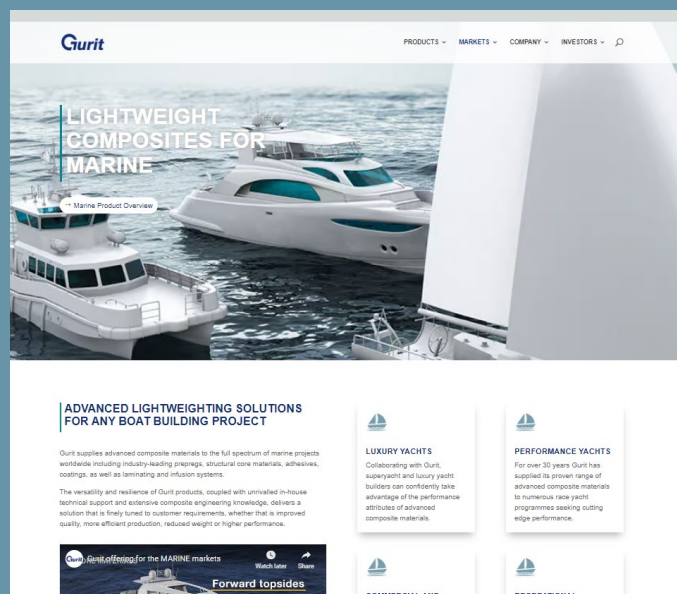
The yacht is optimised for performance, while featuring many sustainable elements like hull number one. The hull and deck were built with Gurit SPRINT™ and prepreg, with Corecell™ used in the hull structure. She utilises an ‘unplug-and-play’ electric propulsion system, driven by lithium batteries charged either by shore power or by the free-wheeling propeller which drives the motor as a generator when sailing. *Open Season* also features

a large array of Solbian solar panels on the coachroof providing additional charge.

Gurit would like to take this opportunity to congratulate Baltic Yachts on celebrating their 50th anniversary as a world-renowned yacht builder!



**The hull contains Gurit SPRINT™, prepreg & Corecell™**



## Gurit website relaunched

The Gurit website [www.gurit.com](http://www.gurit.com) has recently been relaunched with a fresh new look and search optimisations to help visitors easily find information relevant to them.

Gurit invites visitors to browse the [marine specific pages](#) for information on our advanced market leading composite materials, technical solutions, [engineering services](#), [sustainability targets](#) and case studies for marine applications.

Recent Case Studies include:

- [Rondal](#)
- [WEBBCo](#)

... plus this [Marine Newsletter!](#)

## 'How to' guide: Overhead bonding with Spabond™

Spabond™ 400 is a new generation, toughened, structural epoxy adhesive for high dynamic load applications ideal for use in marine applications.

Our [Spabond Adhesive portfolio](#) has 4 resins systems and they all use the same 2 hardeners: fast & slow.










There are manual and pneumatic mixing guns available for both smaller and larger cartridge sizes.



**Objective:** How to bond two surfaces with the application of Spabond into a corner joint and radius into a smooth fillet joint.

The guide below is using Spabond 440 with slow hardener.

'How to' instructions	Photo reference
<p><b>Preparation</b></p> <ul style="list-style-type: none"> <li>• Prepare work station, ensure it is clean and hazard free, apply PPE – gloves, glasses</li> <li>• Tools required: Gurit dispensing gun, mixing nozzle, Spabond cartridges (resin / hardener)</li> </ul>	
<p><b>Set up dispensing gun</b></p> <ul style="list-style-type: none"> <li>• To load cartridge into mixing gun, start by pulling rams back, insert cartridge and move ram forward</li> <li>• Apply mix head</li> </ul>	 
<p><b>Apply adhesive to surface</b></p> <ul style="list-style-type: none"> <li>• Ensure you are making contact with your part as you apply the adhesive by squeezing the dispensing gun</li> <li>• Work adhesive into the corner as you go</li> </ul>	 
<p><b>Blending</b></p> <ul style="list-style-type: none"> <li>• Use radius / coving tool to blend the adhesive</li> <li>• Leave in position to cure</li> </ul>	 
<p><b>TIPS:</b></p> <ul style="list-style-type: none"> <li>• Check cartridges are compatible with your dispenser and mix heads</li> <li>• Ensure priming procedure is followed</li> <li>• Ensure tubes are fitted into gun correctly</li> <li>• Ensure mixing of resin &amp; hardener is blended</li> <li>• Check product expiry date</li> </ul>	<p><b>Contact your local Gurit customer service team for product codes including dispenser and mix-head codes.</b></p>



## Setting ambitious chemical safety goals

The European Union's REACH regulation (Registration, Evaluation, Authorisation and Restriction of Chemicals) came into being in 2008, and every year the European Chemicals Agency designates an increasing number of Substances of Very High Concern (SVHC).

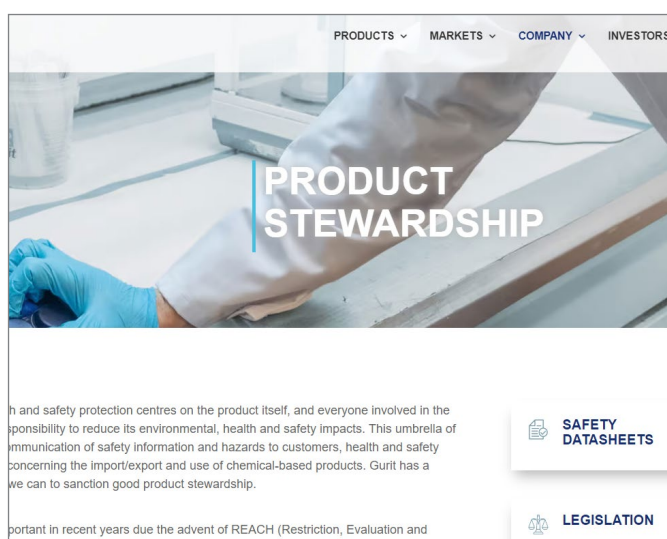
In January 2022, 224 substances were designated SVHCs and 12 months later this had increased to 233. We now anticipate a widening of criteria for SVHCs, to include endocrine disruptors and chemicals that persist in the environment.

In 2022, Gurit achieved 0% SVHCs in our standard and essential products; going forward, we have broadened this goal to include all price-listed products.

### Where to go for chemical safety information

Although Gurit endeavours to remove the most harmful chemicals from its products, due to the nature of the chemicals used, some hazards are unavoidable. Don't forget to search our website for information on how to handle our products in a safe manner.

<https://www.gurit.com/product-stewardship/>



## Achieving net zero

Gurit is committed to reducing its greenhouse gas footprint, aiming for a business model that limits global warming to +1.5°C, and becoming a net-zero company by 2050. You can find more detail on how we plan to do this and the milestones we've set for ourselves in the Environment chapter of the [Sustainability Report 2022](#).

[www.gurit.com/sustainability](https://www.gurit.com/sustainability)

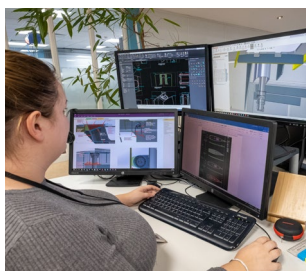




# Gurit Marine Regional Contacts

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