

IN THE LOOP

THE LATEST NEWS FROM RIGGING PROJECTS

MAGIC CARPET-E TAKES FLIGHT

Magic Carpet-e, the latest marvel in the esteemed Magic Carpet series, made a splash with its spectacular launch in St Tropez last month, capturing the yachting world's attention. Rigging Projects is proud to have played a pivotal role in this ground breaking project from its early stages, significantly influencing the yacht's deck layout and sailing systems.

We were instrumental in a bold conceptual shift for this size of yacht: moving from a traditional 8-winch/forward pit layout to an innovative 6-winch design. This wasn't just about reducing numbers; it was about enhancing sail handling and optimising performance. Our involvement kicked off with extensive upfront planning to tailor the deck layout around the 6-winch system. Working closely with sail selection data provided by Jez Elliott at North Sails, we meticulously simulated every conceivable sail manoeuvre (see an example simulation below). This rigorous approach ensured maximum sailing efficiency and control, while simultaneously minimising deck clutter, winch count and overall weight.



GYBE SET (J1/2 to Soft Sail)



PROCESS

| | Sheet | Halyard | Furl | Tack |
|----------------------------|-------|---------|-------|-------|
| 0 J1/2 SET (Upwind) | 3 | - | - | - |
| 1 A2 Tack Out (Stb TL) | - | - | - | 4 |
| 2 Tack Down | - | - | - | hydro |
| 3 Gybe Boat | - | - | - | - |
| 4 Chock J1/2 Sheet | 3 | - | - | - |
| 5 Hoist A2 (MH1) | 4 | 6 | - | - |
| 6 Furl J1/2 | 2 | - | hydro | - |
| 7 Hoist SS (sub-? Knt TWS) | 2 | 6 | - | - |
| 8 Drop J1/2? | - | 5 | - | Hydro |



| Port Pit | STB Pit |
|---------------|--------------|
| MH2 | MH1 |
| J1/2 | Main Halyard |
| GS/IRS | SS/ORS(J3) |
| Port Tackline | STB Tackline |
| OBE R1 | IBE R1 |

Magic Carpet-e presented unique challenges that sparked equally unique solutions. For instance, we engineered a robust 45T Pig Nose, precisely shaped to fit the geometry of the bobstay fitting and the constraints of the bowsprit tube. We also developed custom trumpeted through-deck ferrules, perfectly matched to the yacht's specific deck thickness. Our innovative Auto Tack Locks were integrated into internal carbon cassettes, effectively managing luff loads without the need for traditional jammers, which lacked the necessary holding power for this demanding application.

A stand out feature of MC-e is our custom-designed Runner Locks. This innovative system uses a bullet lock controlled below deck by Cariboni rams, to transfer full load off the winch. This ingenious design frees up the runner winch for primary use during critical manoeuvres. Beyond these custom innovations, we incorporated numerous proven components from our extensive product library. These included Opening X Footblocks for rapid sheet changes, durable Padeyes, flexible Textile loops, and a multitude of sheaves and pins for the intricate, often "unseen" below-deck systems. Naturally, we also provided an Automatic Locking Headboard Car, ensuring reliability and performance at every level.

Being involved from the initial conceptual stages was a true privilege and a major contributor to Magic Carpet-e's success. The 6-winch system has proven to be revolutionary, delivering substantial weight savings and unparalleled simplicity. All systems operate flawlessly within the compact trimming area, a testament to the rigorous design process and collaboration among all teams. We are incredibly proud to have partnered with North Sails, Guillaume Verdier, Persico Marine, Ed Bell and Danny Gallichan, whose collective expertise and dedication were instrumental in bringing this extraordinary project to life.



SWAN 100-03 REFIT - SUVAKE

Rigging Projects is in the process of a comprehensive refit on the Swan 100-03, Suvake, modernising the 2000-built vessel into a high-performance yacht for both US coastal cruising and Mediterranean regattas. The project began in January 2025 and aims to have the yacht race-ready by autumn. In close collaboration with EWR Yacht Management, Ft lauderdale and Project Manager, Mike Cox, Rigging Projects conducted a comprehensive review of the yacht's sailing systems. The goal: to modernise Suvake to meet the latest coastal superyacht standards, with the versatility to handle both competitive racing and long-range cruising.

A key element of our upgrades is the new bowsprit configuration, featuring a 2 x 2-1 Pignose setup for a furling code zero sail and flying A2 and A4 spinnakers. This boosts performance while ensuring the system is "future-proof," allowing for straightforward upgrades down the line.

Attention to detail has been central throughout. RP Ferrules and Switch Leads were installed to streamline the running of furling gear and tack lines. The redesigned pit area balances sleek aesthetics with functionality, and a jib cunningham system was added with upgrade potential in mind. Collaboration with North Sails, Nautor Swan, and Branagh Marine Composites was instrumental in optimising hardware placement. RP Padeyes were strategically installed for the new inhauler system, which pairs with our 36mm T-track, offering an almost 90-degree swivel angle for optimal inhauling. Further upgrades include RP mast base Padeyes with optional branded blanking caps for cruising mode, a double stack sheet block for jib sheets and a new Mainsheet X car with X glide integrated swivel was installed.

Working alongside Marine Results on-site, we also upgraded the hydraulic staysail unit to our 20T Idler Sheave Lock, integrated with an under-deck hydraulic ram. The jib is now fitted with a 15T Lock and a bespoke tack tensioning system. Masthead sheave boxes were also replaced with our 6T and 8T Locks, ready for future code zero upgrades, should they be required. Rigging Projects prioritised using off-the-shelf solutions where possible to remain cost-effective without compromising on performance. The result is a carefully planned, expertly executed refit that ensures Suvake is fully equipped for her next chapter on the water.

X CAR - 'A GAME CHANGER'

Dave 'Freddie' Carr described this product as 'a game changer' after Gladiator TP52 used it at the first Super Series event in St Tropez, and it certainly seems to be living up to that reputation, with two TP teams now using this tiny, lightweight car on their mainsheet tracks and more teams making enquiries.

The X-Car uses a unique Torlon roller and ball solution that deals with off-axis loads and reduces load friction by up to 30% compared to other cars on the market. This 2.5T TP version comes in at only 700 grams, 120mm long and can be retro fitted to existing track or used on Rigging Projects' X-Track.

Gladiator reported a significant improvement in friction since switching to the X-Car, allowing them to top handle the traveller up in higher wind ranges and get a smoother traveller down.

Top: Gladiator celebrate their super series win in St Tropez.
Bottom: Gladiator's X-Car back for a post-event health check.



'RIGGING INNOVATIONS' EST. IN JAMESTOWN, RI

We're excited to share some great RP news from across the pond! Dan Dytch has been a key part of Rigging Projects for many years, playing a vital role in supporting our clients across the western Atlantic and representing the business in the US. Now, our partnership takes a big step forward with the launch of Rigging Innovations, a new venture founded by Dan and his business partner, Nolan Brown.

Based in Jamestown, Rhode Island, Rigging Innovations is a proud subsidiary of Rigging Projects, reinforcing our long-term commitment to the US market. With dedicated premises and a strong local presence, Dan and Nolan are set to deliver premium textile solutions, Rigging Projects hardware and on-site service support, all with the same expertise and attention to detail our customers have come to expect.

To get in touch with Dan and the team please email dan@riggingprojects.com or phone +1 401 239-8430.



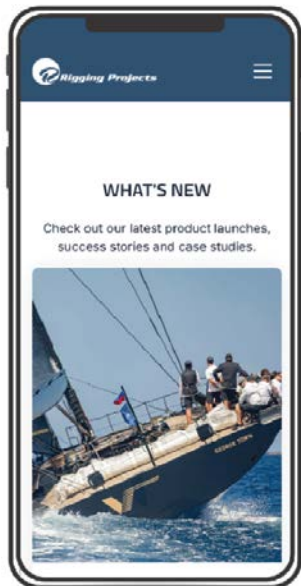
A ROUND UP FROM THE RP TEXTILES TEAM



Our Textiles department has had a fantastic start to the year, achieving our busiest first quarter to date! Between January and March, we supplied just under 7.5km of covered line and core material and just over 1.2km of Dyneema chafe cover - an incredible achievement. The ever-growing team, led by Adam Kay, has been working flat out to meet demand and deliver excellence across a range of exciting projects.

In partnership with Marlow Ropes, we supplied Mini Maxi Jethou 77 with a full seasons supply of Grand Prix range running rigging. Marlow's customisable core colours were the perfect solution for the team, making tapered lines and halyards instantly recognisable in the fast-paced racing environment. The addition of machine tapered tails on their sheets and core inserts on their tack lines optimises their handling performance too.

Also in the line up were a couple of super yacht projects including Persico Marine PB72 and Anomaly, a 32.6m Malcolm McKeon Design (formerly Ribelle). Both yachts were supplied with captive winch lines and also EVO-dock machine tapered dock lines, this time from Italian manufacturer Gottifredi Maffioli. Additionally, the ground-breaking PB72, the innovative foiling catamaran from Persico, currently undergoing sea trials with the American Magic Team, was equipped with a full running rigging package including lines with machine tapered tails and core inserts for additional clutch holding properties.



BRAND NEW 'MUST HAVE' RP APP

Keeping track of hardware maintenance on board a yacht can be a challenge. Different components have unique service schedules, manuals and spare part requirements. Yet missed service dates can lead to costly failures and unexpected downtime.

To simplify this process, Rigging Projects has developed a new app designed to centralise all your yacht's rigging and hardware data. Once logged in, the app sends you service reminders, digitally stores manuals and assembly diagrams, facilitates remote inspection reports (which we can sign off within the app) and makes spare parts ordering seamless, with access to our extensive parts library.

What sets this app apart is its flexibility - it is not just for Rigging Projects products. With dynamic barcoding, you can add any product to your yacht's database. Simply allocate a barcode to a product, enter the product details, set service intervals, upload manuals, and let the app handle the rest.

Whether you're a yard, an owner, captain or crew member, this tool is designed to keep your yacht running smoothly, minimizing downtime and maximizing efficiency.

SCAN THE QR CODE AND SIGN UP NOW!

TESTIMONIAL

It's been a long road to get here and a huge amount of work went into making this project a reality. It's a big well done to Rigging Projects for their involvement and their passion. I can't thank everyone enough for putting their heart and soul into this.

Ed Bell, MC-e



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