

Silver Threads

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Ran Tan II sporting her new STRATIS GPx Upwind inventory



Elliott 50 "GO" showing off her STRATIS GPC sails during Squadron Friday night racing

- Special points of interest:
- New sails for 212' SY "Adix"
- Team Doyle One Design
- Doyle NZ supply new working sail inventory for "Maximus"
- Doyle sails design software update. Free sail viewer now available for the customer

STRATIS—the next generation in sailcloth

The 1st year of operation at Doyle New Zealand's STRATIS manufacturing facility in Mt Wellington, Auckland has been more successful than could have been imagined. In the first 12 months of operation over 700 sails, and more than 30,000 sq mts of membranes, were completed. The custom built, and probably single biggest investment in the New Zealand sailmaking market has proved invaluable for the team at Doyle NZ and gives the ability to lead the sailmaking world from the Southern Hemisphere.

Year 1 has exceeded all expectations and the product has gained steady momentum both locally and worldwide.

On the local scene, the STRATIS GPx and GPC products can be seen on most new boats, with the latest GPC carbon sails being featured on the Elliott 50 "Ran Tan II" and the soon to be launched Bakewell-White 52' for local yachtsman Rob Bassett.

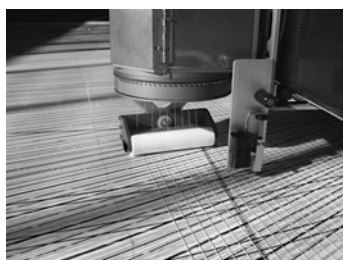
Elliott 100' "Maximus" has just received her new upwind headsail inventory manufactured in Doyle GPx carbon STRATIS and launches the product on the world grand prix scene.

Cruising-wise the GPC product has been trialled and proven aboard the NZL41 and NZL40 for the last two seasons, with excellent feedback. The sails have proved to be 20% lighter than previous paneled sail options, stronger and more durable – the perfect scenario for the performance cruiser.

To date just over 50% of the sails have been exported to the US and Europe with notable results in almost every major sailing regatta.

The recent 2006 Chicago Verve Cup 2 was dominated in almost every class by Doyle STRATIS sails. John Baxter of Doyle Chicago reported class wins in Beneteau 10R, Beneteau-36.7, Beneteau 40.7, J-109, Farr-40 OD, PHRF 1 and J30.

Markets for STRATIS have emerged from almost every facet of sailing – such as the Finn class with Doyle STRATIS featuring on some of Europe's top Finn class dinghies. Florian Raudaschl, of Doyle Austria, has been heading the development of these sails. He reported on the recent Finn World masters held in Hungary where 220 boats competed with 5 of the top ten boats using Doyle Raudaschl STRATIS sails.



Fibre head laying fibre at STRATIS production facility

On the local scene the STRATIS production facility has allowed us to control production times and deliver to the customer a reasonably priced high tech sail within an acceptable time frame. The weight savings, increase in performance and durability make STRATIS GPx or GPC the obvious choice for most local boats.

Expect much more to come this year, with daily enquiries from all over the world. This exciting export driven product will be predominately featuring more and more on the world's top race boats and superyachts.

For further information go online to www.doylesails.co.nz

DESIGNER PROFILE. Richard Bouzaid, head designer for the Doyle group, has permanently returned to NZ. While Richard's experience and ability have been largely tapped and utilised over the last three years by DNZ, the value now is paramount to the company's growth and export plans for the future. Richard is undoubtedly one of the world's leading sail designers. He left Doyle NZ to join the winning America's Cup Alinghi sailing team three years ago and since then has sailed and designed for most winning yachts around the world. He is one of the few yachtsmen to have won the Whitbread around the world race and America's Cup. Richard's experience and expertise will be available both locally and internationally to all Doyle customers.



Innovation and Engineering excellence from Doyle Sailmakers — 289' "MALTESE FALCON"

On June 7th, 2006 "Maltese Falcon" successfully completed her first sail trial. At 289 feet long, a displacement of 1,240 tons, and draft of 19.7 feet, the Ken Freivokh-designed "Maltese Falcon" is the largest private sailing yacht in the world. With her three 191-foot tall rotating masts and 25,791 square feet of sail area, the "Maltese Falcon" is a truly revolutionary yacht built by Perini Navi. Based on the DynaRig square rig concept, developed with Gerry Dijkstra & Partners of Holland,

each mast carries five separate pushbutton-controlled, internally furled square sails engineered by Doyle Sailmakers.

DOYLE SAILS NZ AWARDED CONTRACT TO SUPPLY SAILS "ADIX" 212' OA THREE-MASTED GAFF TOPS'L SCHOONER

Built in 1983 by Astilleros de Mallorca, "Adix" began life as "Jessica" under Argentinean ownership. Purchased by Alan Bond, he re-named her "XXXX" after his brewery, then in 1990 she was sold into Spanish ownership and underwent a complete refit at the English yard Pendennis. Since then she has cruised the four



corners of the globe under the guidance of Tasmanian Paul Goss and Nelsonian Terry Gould. Visiting New Zealand late last year, she had new booms and sail maintenance carried out in Nelson, before sailing to Auckland and competing in the Anniversary regatta.

With the main working sails nearing replacement, Doyle New Zealand were successful in winning the contract to supply "Adix" with a full set of classic sails, featuring narrow width panels in cream 2 ply Dacron, traditional corner finishing, leather work and hand roping.

Her new Doyle wardrobe will include Mizzen, Main, Foremain, Mizzen Main and Fore Tops'ls, Stays'l, Jib and Jib Tops'l, and will use almost 3000m of Dacron in their construction.

Due for completion by the end of the year, the sails will be shipped to Europe early 2007 and fitted to "Adix" in Valencia prior to the start of the Louis Vuitton regatta.

DOYLE LAUNCH TEAM ONE-DESIGN

Andrew Wills, One Design manager, has been developing the Doyle One Design brand and product range for the last twelve months and now finalising the product range on offer for the 2007 season.

Optimist

After two years of testing and development we have finalised our new 06-07 season designs for the Optimist. As a result of the test, we have stayed with the radial cut designs similar to the successful Singaporean Doyle optimist fleet. The radial designs better carry the loads induced into the sail from mainsheet and sprit tension when racing at the top level. We are also continuing with our three designs of sail to suit the skipper weight and sailing style. Our three designs are labeled and can be indicated by the appropriately coloured dot on the sails logo.



The team at Doyle One Design are looking forward to another successful season and improving on our record of the North Island champion, South Island champion and 4 out of the top 5 in the New Zealand nationals.

P-Class

We have been working hard to release the P-Class design for everyone coming out of the Doyle Optimist fleet and staying with the Doyle One Design team as they progress through the classes. At this year Winter Championships we will be launching our new P-Class design ready for the forthcoming season. One thing we can tell you is the sail has a lot more area down low than other competing sail manufacturers. As with our Optimist designs we are sticking with three designs to suit skipper weight and mast type, once again the green, blue and red.

Etchell

With Jud Smith, Dave Curtis, Robbie Doyle and Richard Bouzaid involvement in the design of our 06 series of sails - these sails are without doubt the best sails you could put on your Etchells. All have been aero modeled on our in-

house computer design package which has enabled the team to model the sails, see flying shapes and sheeting positions and make small adjustments without having to spend the next season experimenting. The programme has also enabled the team to analysis the performance of the sail in different breeze conditions.

Our mainsail has large amounts of induced design twist so in light breezes you don't need to use excessive amounts of backstay to open the head of the sail. In turn, the lesser amount of backstay powers up your headsail through forestay sag and results in a more powerful and faster set up than seen before. We still have our ever popular DCL and DCM headsails, but have added the new DCH which is proving to have speed to burn in any breeze over 12 knots. To go with our new headsail we have three new spinnaker designs, the VMG light airs chute, Tweener medium airs runner, and full radial runner for heavy airs.

Team One Design Accessories

We have a new range of a Doyle and Doyle One Design gear, including, T-shirts, Backpacks, Briefcases, Gearbags, and covers, check them out on our website www.doylesails.co.nz, or contact Andrew directly on email andrew-wills@doylesails.co.nz



Etchell Class racing at the worlds



Welbourne 42 "Wedgetail" with her new Doyle NZ Nylon sail inventory

DOYLE COVERS AND UPHOLSTERY—YOUR ONE STOP SHOP

In addition to making the best sails available on the market, Doyle New Zealand also have a complete canvas, squab and upholstery division, headed up by Rob Eades.

The team at Doyle Covers and Upholstery have been particularly busy through the winter with contracts to supply upholstery and covers to several large visiting Superyachts as well as supplying a busy and growing local market.

The advantages of dealing with one company when updating or commissioning a new boat are obvious and the team at Doyle have been offering this complete one stop service for years.

When Mark and Kimberly Cathcart were upgrading the sails and covers on their immaculate Swan 43 "Swanya", their exercise was made much simpler by the fact that they could deal with one company for all their sails, covers, dodger and upholstery requirements.

"Swanya" received a new Mainsail and Furling Genoa in consultation with Andy Pilcher, while Rob worked on new sail covers, interior upholstery and all over cockpit spray dodger/bimini top.

A lot of detail was required in the design of the cockpit cover, so Rob worked closely with Mark & Kimberly on the design of the framework and materials to ensure the end product was both practical in protecting the crew against the elements when sailing offshore, but still retaining pleasing aesthetical aspect.

Mark and Kimberly were delighted with service and support that they received from Doyle New Zealand and have happily recommended to many of their boating friends.

Remember if you have any type of work that needs doing on your boat – whether it is any type of sail work, covers or upholstery, don't go wasting your time running around town dealing with different companies; visit your "One Stop Shop" – Doyle New Zealand.



The ultimate in cruising—Doyle Cradle cover, Dodger and Bimini just fitted to a new Oceanis 461

ELLIOTT 100' "MAXIMUS" TAKES ON ROLEX MAXI WORLDS

Richard Bouzaid has just returned from the Rolex Maxi-Worlds after a very light air and frustrating regatta.

Fresh from her World record breaking around Isle of Wight race, the Maxi Worlds proved to be a regatta much more suited to the lighter Maxi boats with more sail area in the lighter airs. For "Maximus" it was an enjoyable, if frustrating, week's sailing. Richard Bouzaid says, "A frustratingly light week and I guess we learnt how quick the inshore maxis are in light airs - that's what they are designed for." Alfa Romeo proving this by taking handicap honours without even needing to be on the water for the last race. The speeds of these giant race boats is difficult to comprehend, given the performance that even "Maximus" obtains in the light conditions—managing 19 knots boat speed off 15 knots of wind.



Giant "Maximus" rounding the top mark with her new GPx Code 3

The team at Doyle NZ had just fitted the new Headsail inventory in STRATIS GPx Carbon/Twaron and, while the performance of the boat lacked in the light airs, the choice of a new masthead Code 0 Genoa, Light air code 1 Jib and Code 3 was certainly the right one. The giant "Maximus" is co owned and sailed by New Zealanders Charles Brown and Bill Buckley and was launched in 2005. To further improve light air performance, "Maximus" is adding a new laminate !a Gennaker to her downwind inventory.

The "Maximus" team rounded up their regatta with a round of dark & stormy's on the boat after tidy up post race. Little deflated and worn out, but in good spirits having enjoyed competing in the Maxi Worlds Rolex Cup 2006 and their sights set on the next challenges in bigger seas and fiercer winds, such as Sydney Hobart and ocean racing record attempts.

Brian BJ Jones commented, "It's been a light air regatta and "Maximus" design is based on pressure breezes and long off shore racing which made it hard for the crew to show the boat's full potential."

Doyle Service and Repairs

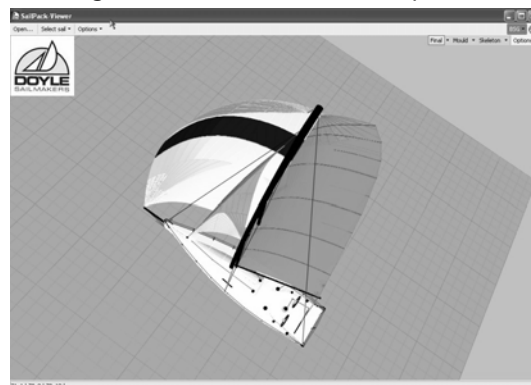
With summer fast approaching, our Westhaven Repair and Service Department is getting busier by the week.

Our sail washing service is proving to be of great value to customers who want to look after their sails and have them looking their best, particularly when done with the addition of a treatment to prevent mould. A purpose-built area has been designed to wash, dry and check over the sails. The machine's capability is for sails from yachts of a maximum of 50ft. Any sails over this size are treated by hand.

It's only a few weeks till the start of the summer race season, so if your sails require re-cuts or re-shaping to maintain performance, now is the time to get them here. A well done re-cut can help with speed on older sails. As part of this service, we offer an on-board sail evaluation, taking photos of before and after re-cut shots to analyse design parameters, sail performances and suitable wind ranges.

Doyle Sails Design Update

Doyle New Zealand have been the first again in leading sail design software. For 2 years now, Doyle has been utilising the world leading sail design software "Sailpak", which has the ability to 3-dimensionally model any sail at the actual flying shape onboard the boat, combined with various sail combinations and settings. The next generation in sail design is now available when purchasing sails from Doyle NZ. With Sailpak-Viewer the Doyle sail designer can create a single file (PPK) with all the sails and rig together in an active 3D view. The customer will be able to see, from any point of view and with multiple options of rendering (geometry, mould aspect, paneling and/or full description with finishing details), his/her personally designed sail. This interactive design information can be made available by CD or downloaded directly to your computer from our Web page. For more information or free download and sample file please visit <http://www.doylesails.co.nz/design>



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