

“Making Waves”

*The Newsletter of the
Sydney Model Yacht Squadron*

December 2007

This Issue

- *“Brad’s Robbe Windstar”*
- *PG Modelisme of France*
 - *Foam IOM Moulding*
- *IOM World Championships*

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SMYS News P5



IOM News P10



New French Supplier P16

**Cover : Brad Gibson's IOM (AUS42)
that he used to win the IOM
World Championships with
recently.**

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Editor



Welcome to another edition of "Making Waves" the newsletter for the Sydney Model Yacht Squadron.

Summer is upon us again along with all the usual pre Christmas business, It's a wonder that any of us can actually find time to sail. The age old saying of cram more into an already busy schedule seems to take over. The last few months have seen me personally getting busier with a number of IOM projects nearing completion.

There were also a number of very late nights glued to the internet watching the progress of the World IOM Championships and then all of a sudden it's December and time to put out the next newsletter.

This edition of "Making Waves" is crammed full of pre holiday treats such as some lovely photographs from the IOM Worlds, a cheap and easy way to build an IOM using 6mm depron foam via a French website and a set of photos sent in by Brad Gibson showing some really well thought out modifications for getting the best out of a Robbe Windstar IOM.

French supplier PG Modelisme has submitted some advertising information on it's good quality products including some very slick looking IOM's.

There is some information regarding the repair and overhaul of one of my IOM's along with an update on future plans for this boat being available for free on the internet.

A report covering one of the best days at sea I've had in a long time in the form of a trip on the Windjammer "James Craig". This is a must do trip for all sailing enthusiasts visiting Sydney.

I would like to hear from anybody designing, building and sailing their own projects IOM or otherwise. Please send in some photographs and info on your boat/s.

If you're a supplier of RC Yachts or RC Yachting related products please feel free to send in some information reviewing your product/s for display on these pages.

"Well it's time to point high and head for the windward mark so you can enjoy this months "Making Waves",

I hope you and your families and friends all have a safe Christmas/Holiday period and manage to get your collective keels wet!

"See you next time".
John Bartram
Editor
"Making Waves".



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IOM Worlds

Well most of you by now will have heard that Brad Gibson recently won the IOM World Championships held in France. It was a “*Tour De Force*” (excuse my school-boy French but it somehow seemed appropriate) by Gibbo and several other Aussie notables. It was quite exciting tuning in each night on the internet to see that days results and the associated photographs, it brought back memories of when my dad used to let me stay up late and watch a sporting event being transmitted live from another country such as the cricket or the FA cup final. Also of note was David Turton’s 2007 IOM World Championships Blog set out in a Day by Day monologue of the event including some of the on race, social activities. This text has been printed in the July—Oct 2007 edition of Radio Waves and is well worth the read.

A more in depth look at the event is covered in the special feature section of this edition of “Making Waves”

JB

Bart takes to the High-Seas, Aaaaarrggghh!

November and December this year have turned out extraordinarily busy for me but I managed to squeeze in a day on board the Tall Ship James Craig. My crew (Gianna and Olivia) had purchased me a ticket as a birthday present

last April so I held on to it until the winds picked up during the end of spring time and was not disappointed one bit.

The day started at 9am dock-side adjacent to the national

maritime museum in the city. Names were marked off and guests were escorted aboard, this was followed by a briefing by the executive officer of the days events.

The ship left promptly on time



The James Craig under full sail off the coast of Sydney

(Continued on page 6)

SMYS News Cont..

and was escorted from its berth by a small tug boat.

As the ship then motored down the harbour (it has auxiliary engine fitted that was not part of the original ship but is used to enhance the maneuverability and safety margins of the ship) the crew started to climb the rigging and move out onto the yardarms to release the sails. Once all the sails were hoisted the engine was turned off and morning tea was served, by this time we were abeam of Watson's Bay and making way under sail towards the heads.

Once outside the harbour the ship was trimmed up for a starboard quarter reach and headed out to sea for several hours. Passengers were invited to assist with the various tasks of adjusting the sails to



Yours truly "learning the ropes"

suit the conditions and there was even some background sea shanty style music provided by a piano accordion. A very nice lunch was served up on deck by the professional staff (all volunteers ex-

cept for the XO and Captain) followed by a brief lecture on the history of the ship. It was very interesting to note the restoration of this ship took some 30 years and there were no plans or rigging drawings available to assist in the process with most of the rigging being manufactured from detailed photographs taken when the vessel was in service.

After lunch the ship was maneuvered through a 180 degree turn, by wearing ship (a jibe a run and a jibe) as she does not tack very well in a light breeze. This took approximately half an hour to achieve and the professional crew of volunteers made it look all very easy but they sure looked buggered after it was completed.



When old meets new, a Volvo 60 drop below the stern of the James Craig



Some of the crew out on a yard arm to set a sail. While it is extremely high up all the crew wear a two point safety harness and are attached at all times.

SMYS News Cont..



Here tis!, for those of you who don't believe me that it's my ship.....

The ship returned to its berth in Darling Harbour at around 4pm assisted by its tug again.

I would highly recommend a day trip on the James Craig to anyone that enjoys sailing, maritime history or just nice day out at sea. The professionalism of all onboard help make this a day to remember, *A two thumbs up must do experience.*

JB

During the afternoon return leg to Sydney Harbour I strolled around the ship and you could imagine my surprise when I stumbled across the manufacturers plate with the name Bartram, Haswell and Co of Sunderland England attached to the front of one of the deck houses. A conversation with one of the original conservators of the vessel has lead to some international enquires to see if there is some family link between myself and this magnificent vessel.



The crew donning their safety gear prior to going aloft.

With summer just around the corner don't forget to pack the following:

***Hat
Sunglasses
Sunscreen
and a
Cool Drink***

weather zone

For all your local weather forecasting needs log onto Weatherzone.

<http://www.weatherzone.com.au>

For Putney/Kissing Point Bay weather just type in 2112 into the city/postcode search field. This site also gives you Australia wide weather conditions with short term and long term forecasts along with the ability to analyse today's or yesterdays weather conditions.

SMYS News Cont..

Club Measurers

Myself and Graham Mckay are currently working on a process that will allow us to become IOM measurers sometime in early 2008. This will allow current and future SMYS IOM's to be measured and have a certificate issued. This will allow those interested in participating in State and National events in the future where a current measurement certificate is required to enter such an event. More news regarding this as it comes to hand.

JB

New Course Finalised

With the new course marker bouys completed experiments have taken place to finalise the placement of a regular triangle style course. Several test sails have shown that it takes about 7.5 minutes in an Moderate, A rig breeze to complete the course. We will also be testing a basic windward and return style course without a windward mark shortly for those days when his type of course would be more suitable.

JB

Membership Cards Etc....

With the club now officially recognized by the NSWRYA and the ARYA items such as Membership Cards and PR material should be available shortly

New Member, almost....!

Some of you may remember last year that I spent some time in France while working at the Airbus facility in Toulouse and I was fortunate enough to sail at the local IOM club. Well currently Qantas has the pleasure of several Airbus Engineering Instructors visiting us here in Sydney and I was able to return the favour.

Martial Guegan from Toulouse revealed he flew RC Helicopters and when I told him I sailed RC Yachts he was keen to give it a go. Sydney turned on the best weather with blue

skies and plenty of sunshine accompanying the 5-8 knot afternoon North Easterly breeze. Before we new it 3 hours had slipped by so we packed up and adjourned to the nearby Drummoyne Sailing club for a lazy afternoon of cold liquid refreshment accompanied by the spectacle of the local fleets of TS16's and skiffs racing. *Bonjour* to our newest member Martial (although *it' is a bit of a long commute from Toulouse each Saturday for a sail*).

JB



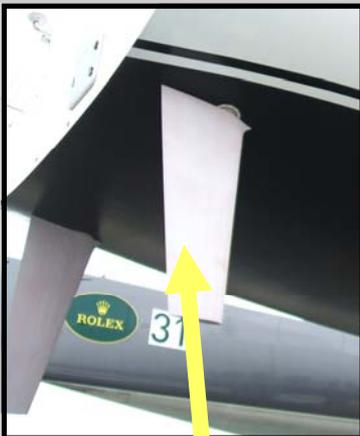
Martial Guegan sailing with the SMYS at Putney.

SMYS News Cont..

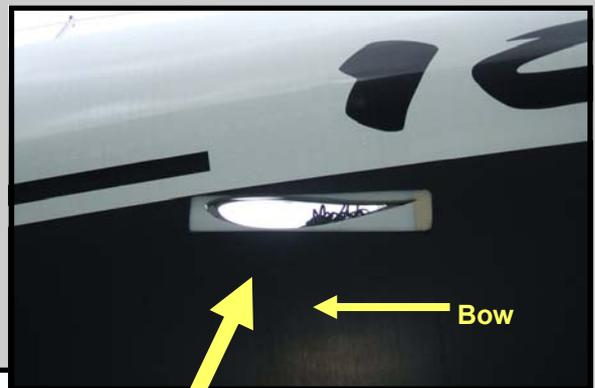


Full size Racing Yachts using RC Yacht Technology

These full size yachts were spied at Rozelle Bay preparing for the 2008 Sydney to Hobart next January. Note the long thin fin assembly and its torpedo bulb of the yacht above, except for the canting mechanism it all looks very *Marblehead* to me! It had a very long thin rudder and forward dagger board to compensate for leeway when the fin is canted.



The yacht below incorporated the same canting fin and bulb assembly but it also had twin rudders and twin dagger boards forward, both were set to the optimum healing angle to minimize leeway. Also note the airfoil section of the forward port side dagger board slot (see left).



Two Week Refit

After sailing for approx 2 years my Maximuss prototype was in need of a full refit. An error of judgment by myself during the initial build recently lead to the deck edge lifting away from the hull at the gunwhales. This was the result of a poor choice of glue a few years ago. A detailed investigation carried out with a probing scalpel revealed that the deck edge had started to come away all the way around the boat and this problem was accentuated during recent heavy weather sailing so it was time to bite the bullet and get stuck in to a refit.

I lifted the deck all the way around and wedged it open with some small pieces of balsa wood to allow access. A thick filler/glue of West System Epoxy Resin and Microballoons was then inserted into the void between the deck and the inwhale chine. The deck was then held down with tape and allowed to dry. The entire hull was stripped of fittings, sanded and repainted in a slightly darker green than I normally use and a white for the deck. New deck patches were added in black to provide more contrast while the boat is out on the water. I took the opportunity to remove the smartwinch and rudder servo servicing them in accordance with the manufacturers instructions. A few minor repairs were carried out on the rig and then it was back in the water. No more leaks was the most noticeable thing after this refit along with a slightly better upwind performance (must have been the new green paint?)

Maximuss Mk2

The drawings for the Maximuss Mk2 are nearing completion with only the launching of Graham McKay's boat needed to validate some of the data such as mast position etc...

Hopefully the plan will be available shortly as a free download on the ARYA website. Watch this space for further details.

JB



Gibbo's Windstar

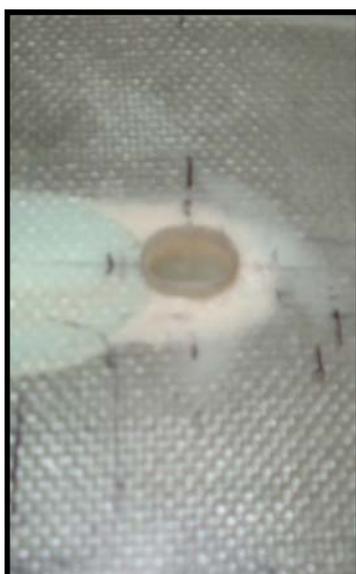
Just prior to the 2007 World Championships Brad Gibson was kind enough to send me a series of photos showing his personal modifications of the Robbe Windstar IOM that he was sailing in the UK. Brad had talked about tricking up one of these older designs for a number of years and the following photos show the result. From discussions with Brad it seemed the boat was going very well and was very competitive, not bad for an older design.



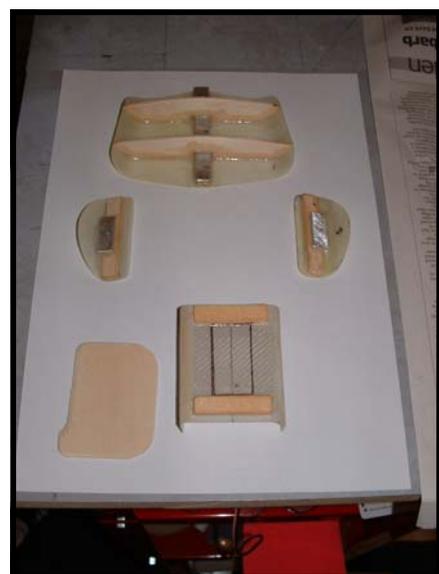
The Windstar does need some deck area reinforcements added to improve the boat's strength and to stop cracking around the jib and side stay attachment areas. Brad had covered the areas in Brown Post Office Tape and used the actual hull as a mould for the underdeck reinforcement patches. Once dry these patches were removed and reinforced with timber were necessary and then glued into the inside of the hull.



Rudder servo mounting manufactured over an brown tape covered mold.



Mast support tube for keel stepped mast added to the hull



Completed underdeck reinforcements ready for gluing into the hull.

IOM News



Brad has added a deck level mast ram, RMG smartwinch, Sails etc...Radio/Battery pot, forward drain hole (see the bow area) and top it off with one of Brad's light weight rigs with his championship sails and the Windstar becomes lethal.



The original fin slot being backfilled with micro balloons and resin to accept a Dave Creed IOM fin that is somewhat thinner than the kit's original.



A modern IOM rudder along with one of the newer style long IOM bulbs completes the picture.

Many thanks to Brad Gibson for taking the timeout of his bus preparations for the IOM World Championships to provide these photographs and information.



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Frequency List

SMMC Frequency List as of the 05/06/06

<u>27 Megahertz</u>		
<u>Ch</u>	<u>Frequency</u>	<u>Skipper</u>
10	29.725	
12	29.745	TBF
14	29.765	TBF
16	29.785	
18	29.805	Graham McKay
20	29.825	
22	29.845	
24	29.865	SMYS Club Boat
26	29.885	
28	29.905	TBF
30	29.925	
32	29.945	
34	29.965	
36	29.985	Andrew Campbell

<u>29 Megahertz</u>		
<u>Ch</u>	<u>Frequency</u>	<u>Skipper</u>
601	36.010	
603	36.030	
605	36.050	
607	36.070	
609	36.090	
611	36.110	
613	36.130	
615	36.150	
617	36.170	
619	36.190	
621	36.210	
623	36.230	
625	36.250	
627	36.270	
629	36.290	
631	36.310	
633	36.330	John Bartram
635	36.350	
637	36.370	
639	36.390	
641	36.410	
643	36.430	TBF
645	36.450	
647	36.470	TBF
649	36.490	TBF
651	36.510	
653	36.530	Steve Menown
655	36.550	
657	36.570	
659	36.590	

<u>0 Megahertz</u>		
<u>Ch</u>	<u>Frequency</u>	<u>Skipper</u>
	40.665	
	40.675	
	40.685	
	40.695	
	40.715	
	40.735	
	40.765	
	40.785	
	40.875	
	40.925	

Shared Frequencies
 First name has priority. Ensure second name is not operating radio before switching on.

 ? = Member has not renewed or sailed for 6 weeks and frequency may be reallocated.

TBF = To be Finalised

Wait list.

Sailing Schedule

Sydney Model Yacht Squadron Sailing Schedule 2007/2008 (Rev2)

December 1st (IOM) and 15th (All Class Day)
Informal sailing over the Christmas Break TBA

2008

January 2008 12th and 26th

February 9th and 23rd

March 8th and 22nd



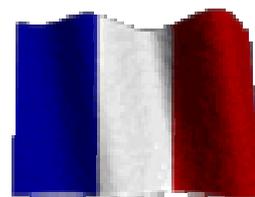
Sailing from Kissing Point Park, Kissing Point Bay, Delange Rd and Waterview St, Putney. Adjacent to Kissing Point Boat Ramp.

Member Contacts

Bartram	John	9630 3770
Bartram	Gianna	9630 3770
Campbell	Andrew	9969 6041
McKay	Graham	9674 5797
Menown	Steve	9632 4282



PG MODELISME OF FRANCE



Micro Magic 50cm Racing Yacht (*above and centre*) and the Mistral 65cm Racing Yacht (*left*). All in Semikit, Kit or Completed Boat



IOM's

Olympic (*top left*), Dream 2 (*left*) and NG Quatro (*above*).

Available in Semikit, Kit or Completed Boat.



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Three of the Eight different Marbleheads produced by PG Modelisme in Semikit, Kit or Completed Boat.



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Note: For Pricing ask for Tarif documents for each class

AC Cup Yacht

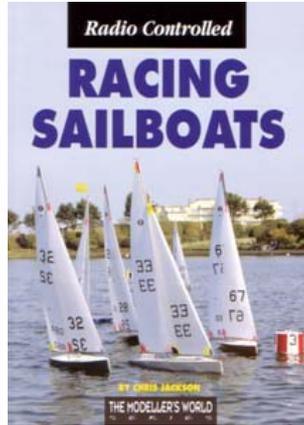
1.45M kit
of
Americas Cup
Racer.



Traplet Publications for Magazines and Books



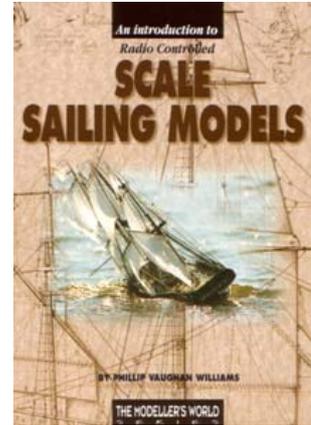
Marine Modelling International Monthly Magazine.



Racing Sailboats covers all aspects of RC Yachting for the beginner and pro.

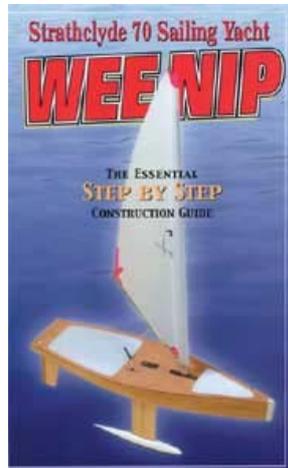


RC Racing Yacht, Scale Sailing Boat and Scale Ship plans catalogue.

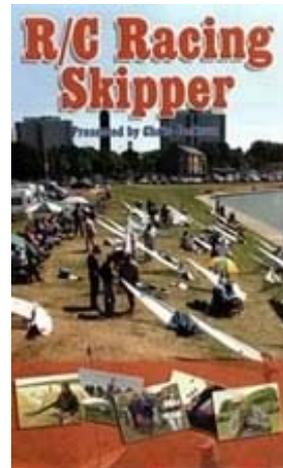


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Special Feature

IOM World Championships 2007

Plenty of words have already been written about the 2007 IOM World Championships recently contested in Marseille, France. It was nice to see a good size team of Australians representing their country and to see the event won by Brad Gibson with Craig Smith a close 3rd making it even more of a spectacle to follow each night via the internet.

Brad's score of 103 points was closely followed by the second and third place getters on 114 and 117 points respectively.

For more details, photos and full scores for all competitors go to;

http://robor.assoc.pagespro-orange.fr/world_1m/index.htm

JB



Brad Gibson with his trademark AUS42 Sail # this time mounted on a UK designed Widget.



Craig Smith (AUS 47) with his own designed Obsession



The Australian team in Marseille, love the shorts (or are they longs) Gibbo.



Craig Smith (AUS47) slips across the windward end of the line in poll position while Brad trails the fleet still on port tack (lower right AUS 42).

Special Feature Cont....

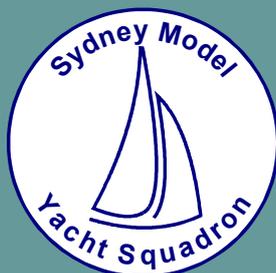
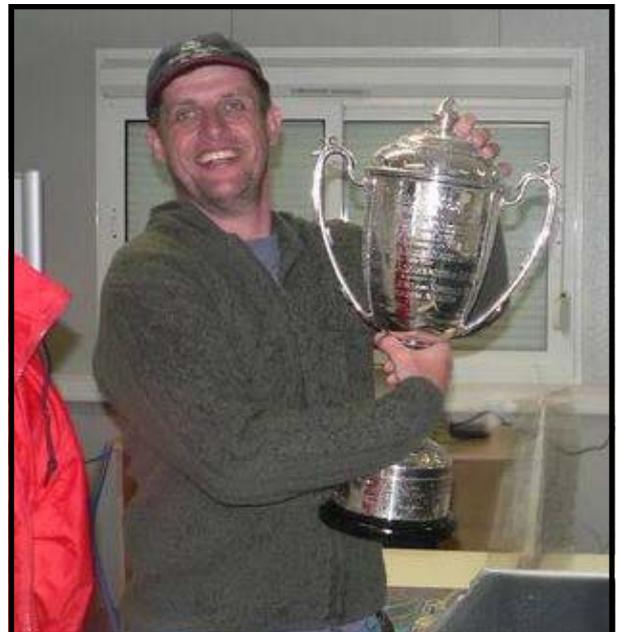


Brad out in front in glorious conditions.



Above: Brad Gibson (1st), Guillermo Beltri of Spain (2nd) and Craig Smith (3rd) all take their places on winners podium.

Right: The smile says it all!



The SMYS Risk Assessment Document is now available. All members are required to read this docent for their own safety during sailing at the Kissing Point Bay, Putney venue.

Armchair Sailor

The Scharming Mk8 in Foam.

Here's a novel and easy way to produce a good quality IOM hull using 6mm depron foam. It revolves around the process of a sacrificial foam mould which is fibreglassed over and then once dry the foam is scraped out and the residue removed using acetone. Although this boat is a three panel hardchine type of hull it still has pleasing lines and a modern look. The boat has done very well in the hands of its designer and German national champion Michael Scharming who placed 38th out of 76 competitors at the recent world IOM championships sailing one of these. Not bad for a cheap easy to build IOM.

<http://www.classe1metre.org> and translate using Alta Vista Babel Fish translator available for free of the internet or type in [classe1metre.org](http://www.classe1metre.org) into Google and then hit the "translate this site text" in the title.

JB



The hull shadows and bottom chine panel being glued into position.



The completed foam hull being glassed over with woven cloth and epoxy resin.

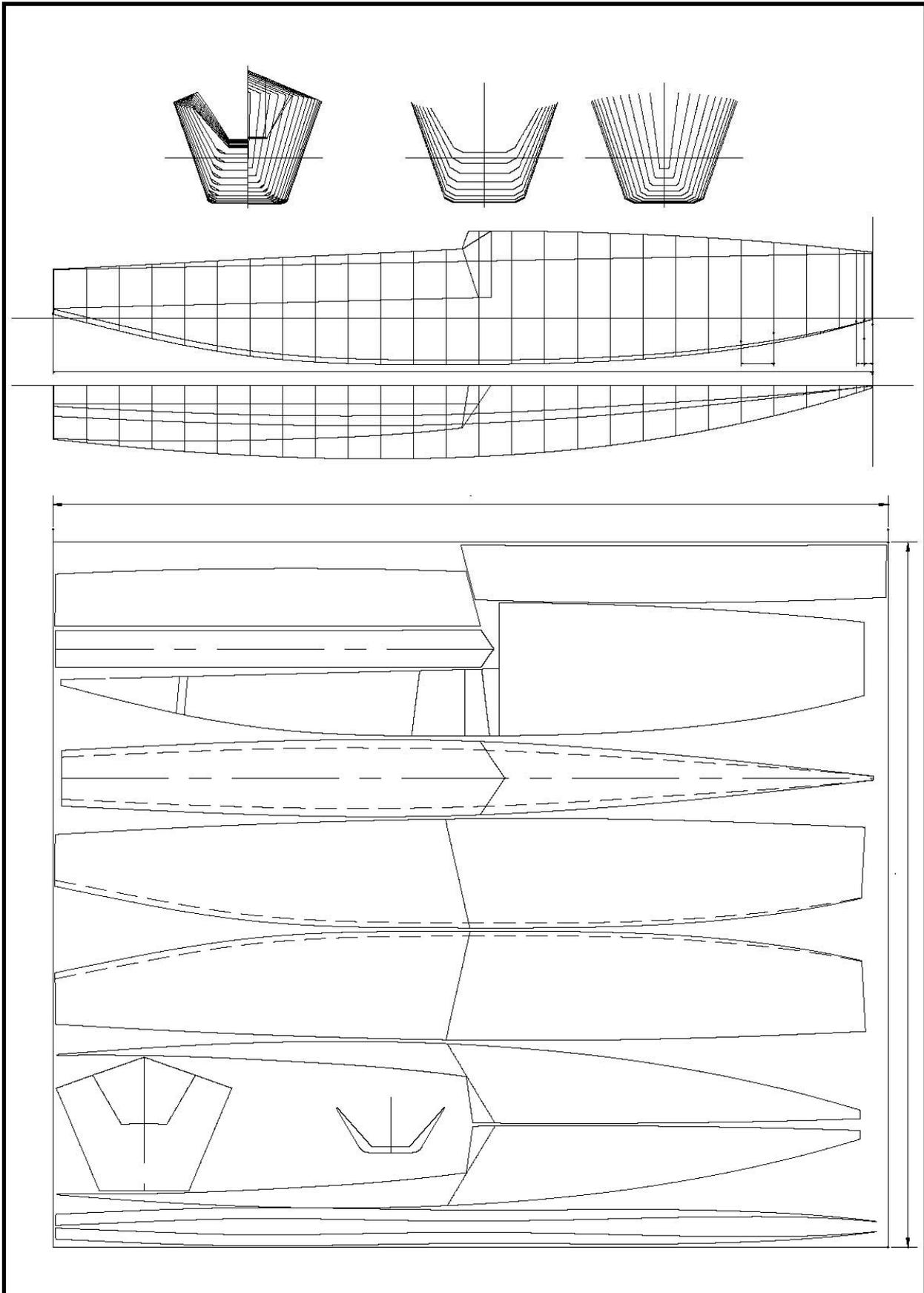


Fin details also available.



Completed hull with foam core removed.

Armchair Sailor



Scharming Mk8 Plans freely downloadable from <http://www.classe1metre.org>

Armchair Sailor

Associations and Clubs

Australian Radio Yachting Association

www.radiosailing.org.au

New South Wales Radio Yachting Association

www.radiosailingsw.org.au

IOM Ireland, Irish IOM Site

www.iomireland.org

International One Metre Site

www.iomclass.org

International One Metre Forum

www.iomclass.org/phpBB2

International Sailing Federation

www.sailing.org

ISAF Radio Sailing Division

(+IOM Rules)

www.radiosailing.org

UK Model Yachting Association

www.radiosailing.org.uk

American Model Yacht Association

www.modelyacht.org

New Zealand RC Yachting

www.radioyachting.com

RC Yacht Plans

Simple Build IOM Plans

www.modellsegeln-bodensee.de/bootsbau.php

Free 10 Rater Plans

modelyacht.org/10rater.html

Free IOM Design

www.iomclass.org/phpBB2/viewtopic.php?t=1074

Free downloadable Yacht Designs

modellsegeln.net/links

IOM , 3R Plans

www.shermanyachts.com/informational/

MMI Free RG 65 Plan

www.marinemodelmagazine.com/downloads/?cid=3686

More Free RG65 Plans

<http://www.rg65.de/plaene.php>

Suppliers and Businesses

Power Sails NZ

www.powersails.radioyachting.com

Frank Russel Designs

www.hotkey.net.au/~frussell/

Radio Yachting Supplies Australia

www.rcyachts.net/rysa

RMG Smartwinch,

www.users.bigpond.com/rmgsw

Brad Gibson Radio Yachts & Sails

freespace.virgin.net/bgrc.yachting/

Victor Model Products (Soling 1M)

www.victor-model.com

Boatbooks (boat book shop)

www.boatbooks-aust.com.au

Marine Modelling Int Magazine

www.traplet.com

Rod Carr Sails

www.carrsails.com/

General Interest (International Classes)

Detailed catalogue of IOM's and Marbelheads

thesailor1.tripod.com/index.htm

German IOM Kite Project

modellsegeln.net/kite/kiteIOM

Hull Building Information

www.ourwalden.bizland.com/rcsailing/

One Metre Web site

www.onemetre.net

General Interest

RG65's

<http://www.rg65.com/portal/index.php>

Wind Warrior Yachts

www.windwarrioryachts.com

The Footy 12 inch RC Yacht
homepages.ihug.co.nz/~bsmack

Italian RC Yachting Info

www.velarc.it

General Boating and RC Yachting Info

www.bridgeboats.fut.net/

Australian 1.5 metre Class

www.nmsc.bravehost.com/

Mini 12 Meter Yachts

www.mini12.ca/

K-Klasse RC Yacht

www.k-klasse.nl/

Sailing Simulator Software
(Free Demo D/Load)

www.sailsimulator.com

Classic, Vintage and Scale

J Class RC Yachts

www.cs.unr.edu/~arnold/jclass/

Classic Sailing Vessels

www.john-dowd.co.uk

Scale Model Boat Yard

www.scalemodelboatyard.co.uk

Vintage Model Yacht site

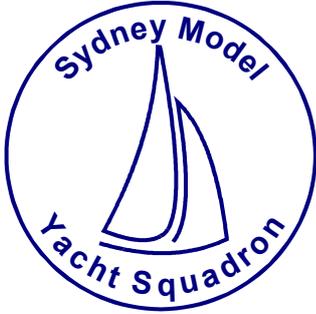
www.themodelyacht.com

Traditional Model Yacht Design Information

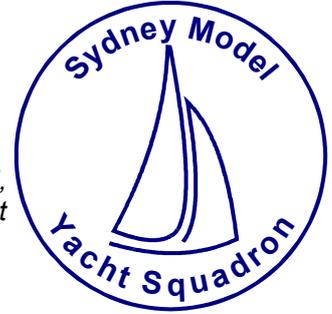
www.swcp.com/usvmyg/design/design.htm

RC Scale Sailing Vessels

www.scalesailing.org/



Sydney Model Yacht Squadron Clothing Order Form



Complete Quantity and Cost for each item required, then complete Name, Total Cost and Size Section at bottom of form.

Note: Ladies styles available for shirts.

Shirts

Navy Short Sleeve Polo Shirt, \$26.50
Qty.....Cost.....

White Short Sleeve Polo Shirt, \$26.50 Qty.....Cost.....

Navy Long Sleeve Polo Shirt, \$30.00 Qty.....Cost.....

White Long Sleeve Polo Shirt, \$30.00 Qty.....Cost.....

Cold/Wet Weather Jackets

Jacket, Waterproof 3/4 length, draw string waste, hood and storage pouch. \$74.00 Qty.....Cost.....

Polar Fleece Jacket with removable sleeves to make a vest in Navy with Beige Trim \$65.00 Qty.....Cost.....

Hats

Navy Broad Brim Canvas Surf Hat with Chin stay \$30.00 Qty.....Cost.....

White Broad Brim Canvas Surf Hat with Chin stay \$30.00 Qty.....Cost.....

Baseball Cap Navy with White Trim \$21.00 Qty.....Cost.....

NEW ITEM Cloth Patch \$10.00 Qty.....Cost.....



Name.....

Size: (Please Circle), Small, Medium, Large, X/Large or XX/Large

Total Cost.....

Return Order Form to John Bartram SMMC

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contact Frank O'Gallagher on
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Allplastics Engineering

Plastic Sheet and Rod etc...
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Chatswood

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The Last Page.....



The Smile says it all but the T-Shirt and associated logo steal the show. The Picture is of a dog liking it's own butt with the words "I can't believe it's not butter"

Well done Gibbo you Style Merchant!