

## July 2014 - Spring/Summer Newsletter

### Scale Captain's Chat

*Hi Folks...*

What a strange start to the year we have had! Too much water! Too much wind! Too much rain! A flooded car park and now to top it all the access road was closed for repairs!! So not a lot of club activity to report this year so far!

All this has resulted in poor attendances at the lake and the unfortunate need to move both the Steering Competition and Navy Day until dates later in the year for which I must apologise. The water has been too deep and unsafe for me to wade in to set up the Steering Course and make the obstacles secure and in addition we have had limited parking space and steep and slippery banks to the lake. Hopefully we will start to see things improving for the rest of the year.

The AGM went well with few problems to discuss, thanks to all who attended. At the meeting Ken Dyer decided to leave the committee and I thank him for all he has done for the club.

I had a request from The Arnewood School in New Milton for help with a exchange visit by a group of Russian School children aged between 12 and 15. They were visiting the New Forest on Tuesday 17th June and the club arranged a demonstration of our models with some "hands on" sailing by the students for a period of approximately an hour in the afternoon between 3pm and 4 pm. It was great fun and we had more boats on the water than we see on some club days, all proved to be reasonable helms-boys and helms-girls with very few collisions.

My thanks to all the members who attended and helped with instruction and loan of boats. As a gesture of thanks the school will be making a donation to the RNLI on the clubs behalf. For more details of the event see the report in this newsletter!

On a sad note, it was with regret that we learned of the recent passing of Peter Oram. Peter was a long standing and popular member, he will be sorely missed. Many of you will have memories of Peter sitting on the back of his car at the lakeside with his little dog Ruff at his feet. His Funeral was on 27th June at Eastleigh Crematorium.

I look forward to welcoming new and existing members at the lakeside over the summer.

*Happy Sailing, David*



*While celebrating his Birthday, the Scale Captain demonstrates that, even in rough seas, the Cutty Sark remains light on the helm.*

### Date for Your Diary

Sunday 6th July: **Navy Day:** 9.00am to 1 pm

Sunday 20th July: **Steering Competition:** Solent Cup: Setley Pond, start at 9.45am, last entry: 11 am.

Saturday 30th August: **Charity Exhibition:** All Saints' Church Hall, Milford on Sea, SO41 0SQ (set up on Friday 29th September from 4pm).

Sunday 7th September: **Steering Competition:**

Richard Graham Trophy: Setley Pond, start at 9.30am, entries until 11 am.

Saturday 13th December: **Xmas Lunch:** South Lawns Hotel, Milford-on-Sea; 12.30 for 1pm (see end of Newsletter)

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**In Memory of Peter Oram**



## Editorial: sailing lessons continue

At last my 1:1 scale model of a yawl, "Seatern" is equipped and in regular use. Having spent a good part of my life sailing racing dinghies, there has been lots of new things to learn. In particular the implications of being limited to "hull speed" - around 6 to 7 knots for my 20 foot yacht. In a dinghy I never reefed (well, ok, I did sometimes use a smaller rig), whereas "Seatern" is much happier reefed if she's reached her top speed. And tidal currents are a major consideration when you can't just plane over the top of them - or sail inshore in a few inches of water to keep out of the flow!

Well, yes, I did know about those things before, and I had crewed in cruising boats now and again. But sailing your own boat really hammers the facts home! "Hull speed" (roughly defined in knots as  $1.4 \times \text{square root}\{\text{hull length in feet}\}$ ) is not an absolute limit - a canoe or rowing eight can easily exceed it. However a tug at speed, or a trawler heading to port, will be at hull speed and be creating a huge bow wave followed by a trough nearly the length of the boat. You see it with our models on Setley Pond just as you see it at sea.



Because hull speed depends on the square root of the length, a 4 foot model can achieve around 3 knots, while a 40 foot fishing boat at ten times the length, can only manage 3 times the speed. That's why our models so easily exceed scale speed - even those that don't plane! It also means my little 20 foot yacht is, in theory, only one or two knots slower than a much larger cruising yacht. In light weather with the ballast tanks empty I can often out pace larger cruising boats. Of course when the wind gets strong they will romp away while I'm probably running for shelter using jib and mizzen!

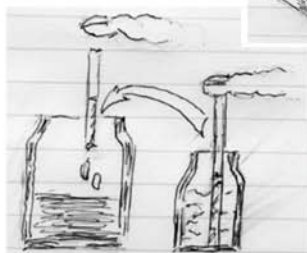
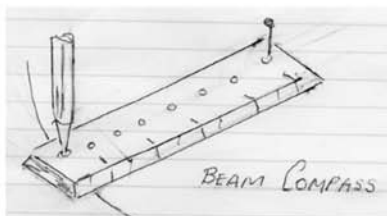
All this sailing means I'm not at the pond so often and I'm relying on you to send your photos, build descriptions, and other contributions for the club web site and this newsletter. When I first took on editorship of the newsletter, Peter Oram, very sadly no longer with us, contributed a series called "Peter's Toolbox" illustrated with his own sketches. Here are some examples, there are more on our web site under "Hints and Tips". So, please think what YOU can contribute? Remember I'm happy to help with formatting and any art work as necessary. Nor do you need to be able to provide computer files - typed copy is perfectly acceptable, or even hand written is OK if it is not too lengthy!

*Peter Taylor... your Editor.*

### Peter's Toolbox...

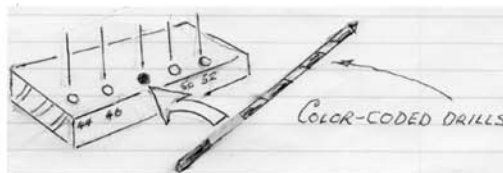
#### BEAM COMPASS

Use an old scale or ruler with a number of holes drilled through it as an effective beam compass. Place a pencil in an appropriate hole, then swing the scale around a large pin or map tack.



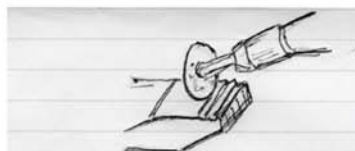
#### THINNER TRANSFER

Transfer thinner the clean way. Place a tube in the thinner, and "seal" its top with your finger. Transfer the loaded tube to the dope jar, remove your finger and the thinner will run out.



#### Colour coded drills

Very small drill bits are difficult to keep sorted, since they are too small to carry engraved settings. After measuring each bit, colour code them with dabs of different paint, then code the drill bit stands to match...



#### Refurbish Pliers

Worn teeth on pliers can be refurbished with the Dremel cut-off wheel in a Moto Tool.

## Building and motorising a Plastic kit of the USS Hornet (David McNair-Taylor)

As many of you know I am a mainly scratch builder of 1/96 and 1/48 scale warships. I was looking for a new subject to build and decided to have a go at a new challenge and try some "plastic magic" and build and motorize a plastic kit! I discovered that Merit kits based in the USA have produced a 1/200 scale model of the USS Hornet CV8 produced for them by Trumpeter, so I took the plunge and bought the kit from White Ensign Models, cost £250.

Before I started on the build I took some photos of the contents of the box, the size of which can be judged by the two dining chairs it is resting on!! The box contains a nice size plastic moulding for the full hull; the size of the model is 1239mm x 195mm. The photo shows contents of the large box, everything is well packed and no damage had occurred in transit. The kit includes a clear flight deck so you can display with hanger detail visible (as mine will be a working model I shall be painting the deck). Also included are 16 x B25 Bombers to depict the "Doolittle Raiders", 5 x F4F Fighters, 5 x SBD-3 Dive Bombers, 8 x TBD-1 Torpedo Bombers. Parts total about 1300. Numerous frets of plastic parts are very well moulded and there are also 9 photo-etch sheets for handrails, ladders etc., brass barrels for the 5" guns, decal sheet for ship plus aircraft markings, and a very good basic painting guide in full colour.



In order to motorize the model I purchased Deans USS Missouri 4 screw motorizing set (cost £125) but asked for different props for the Hornet (all 3 blade). I believe Deans are currently working on a specific kit for the Hornet!

I started by making up and fitting brass inserts into the kit A frames. On test fitting I found that the outer props fouled the hull with the props in the correct position, so I took some artistic licence and extended the inserts slightly to locate the props slightly further aft. The motor mounts etc. had to be altered to fit the hull which is slightly narrower than that of the Missouri. The servo mount was made up and a mini servo fitted for rudder operation, I will be fitting two Viper speed controllers and a T5 receiver. I carried out a test

floatation and ballasting in the domestic test tank (bath) and found that even with two 6v Nicads extra ballast is still required, the hull seems very stable on the water. I also took the hull to Setley Pond to set up the ballasting and test run the model.

All went well despite a cold wind, I needed to add 400 gram of extra ballast to bring her down to waterline; the motor set up performed well with a good turn of speed, a realistic bow wave and wash, and steering was also OK using the scale rudder. On return home I started work on arranging access through the hangar deck which will be fixed in place and, as the kit features a lot of hangar detail, I decided to try and preserve as much of the deck as possible and make removable hatches for battery access etc. The flight deck will be removable in one piece.

There are three hatches needed, one for motors, radio etc., one for battery access, and one for rudder access (see photo). The deck is made up of two fairly thick pieces of plastic so I marked out hatch positions using the engraved plating lines on the deck as a guide and then cut them out using a scalpel and my Dremel with the finest cutting disc I could find. Result was not too bad after cleaning up and using a small amount of filling around hatches, as you will see from photo. Thank goodness I will not need to make hatches in the flight deck as that will be removable in one piece.



Next stage was the final tidying up of the radio and motor installation then fitting of the hangar deck, forecastle deck and bilge keels, and I then painted the lower part of the hull. I also started making up the wooden display stand (there is no stand provided in the kit). I painted the hull after removing the shafts, props and electronics. Large areas not too bad, using air brush, then I came to do camouflage pattern which is "US Navy Measure 12 modified" and was unique to the Hornet. There is a good colour sheet supplied with the kit but it is not 100% correct so I have worked to the pattern in Roger Chesneau's book on Yorktown Carriers which has I believe a more accurate reproduction of the patterns on Hornet. All done freehand and took some time I can tell you!!!!(see photo) I also finished the display stand and name plate for it.



Next job was refitting running gear and varnishing the hull, painting and preparing the hangar deck for fitting, refit of all electronics etc. that was the easy bit!!!!

[End of part 1; part 2, completion of the kit, will be in the next newsletter!]

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## News Item: Russian Students visit Setley Pond



Russian students who are on an exchange visit to Arnewood School, New Milton, visited Setley Pond on Tuesday 17th June. The students are from a Moscow school which specialises in providing proficiency in the English language. Club members demonstrated a selection of models and the students had a go at helming some of them! Mike Gough of Arnewood School has provided the following comments:

“The *Arnewood School*, New Milton and *Moscow School 1208* have been working in educational partnership for eight years. This has resulted in Students from each school visiting the other school, attending lessons and visiting local tourist attractions. This year with the support of Solent Radio Control Model Boat Club the students from Moscow, along with their teachers, spent a wonderful afternoon in the sunshine at Setley Pond learning how to control the radio controlled model boats. The students all said what a great time they had and have asked me to pass on their thanks, and... yes please can they do it again next year!

A big thank you to everyone at the club for giving up their time to support my students from the Russian school “Moscow 1208”, they all had a great time and said how much they enjoyed themselves.”

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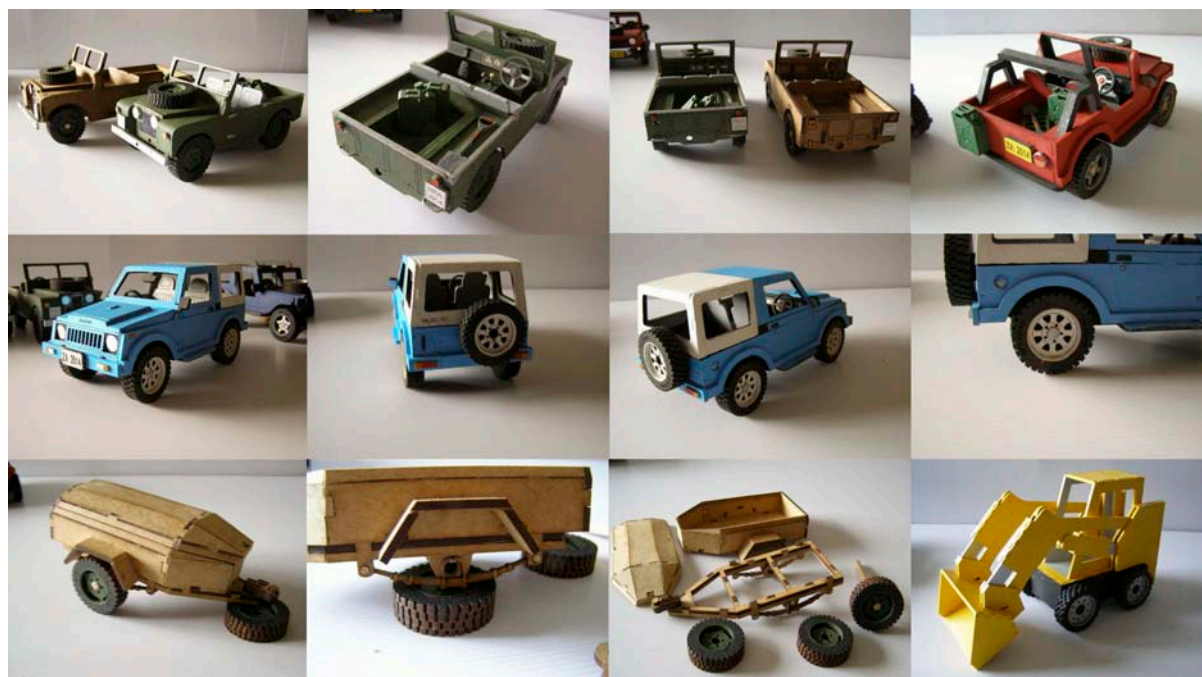
## News from Abroad: Miniature Land Rovers! (from Peter Gargan)

*[Those who were club members a few years ago will remember Peter Gargan and his (usually very small) model boats. Peter is now back in southern Africa and has sent us news about his latest project!...]*

“I thought these pics might be of interest. Have not given up boating - but I needed some stuff for our South Africa website sales - so turning these out instead.

Some Details: The final version of the Landrover (Green) has grille cut in 1mm squares with 0.5mm in between... amazing what a laser can do! The Suzuki comes with alternative SJ410 & SJ413 grilles. The Jeeps are a simple generic Kids versions (a Willys Type has been started - much more complex). The Trailers are in progress - in both off-road & camping types. Bobcat is off the web - will be totally redrawn as it's nowhere near accurate.

All kits cut from 3mm MDF and engraved where necessary, with dowel axles, Headlights cut in self adhesive reflective plastic. Open versions come with petrol cans, sand ladders and spade. The Series 1 Short Wheel Base Landrover is about 195mm long, roughly about 1:18 scale.”



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## Members Adverts: Fishing boat (David McNair-Taylor)



Graupner Elke fishing boat complete with 27MHz Radio, 6v battery and charger, all ready to go for £80 o.n.o.

Contact David (see club contact details below)

*[Editor's comment: not a "Russian Trawler" which sometimes used to shadow our Research Ships, particularly if we were working with the Royal Navy; ..however it was used during the visit of the Russian Students!]*

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## **Club Contact Details**

### **For Club Merchandise, and Membership Matters:**

(if your address, email, or other **membership details** change):

**Contact: Lorna Soffe**, 1 Stoneleigh Avenue, Hordle, Lymington, Hampshire, SO41 0GS.

Email: [membership@srcmbc.co.uk](mailto:membership@srcmbc.co.uk).

Phone: 01425 615305

### **The Newsletter and Club Web Site ([www.srcmbc.org.uk](http://www.srcmbc.org.uk)):**

**Contact: Peter Taylor**, 84 Priory Road, St Denys, Southampton, SO17 2HS.

Email: [info@srcmbc.org.uk](mailto:info@srcmbc.org.uk).

Phone: 023 80554670 (you will get my answering machine; say who you are and I'll either answer if I'm there, or get back to you!)

**Photos and Articles for the web site and the Newsletter are always welcome!** Send them to me and I will do any necessary formatting and art work. You don't need to know computer programming to get your work displayed on the web for the world to see!

### **For Other Club queries etc. :**

**The Scale Section Captain: David McNair-Taylor**,  
18 Wilton Gardens, New Milton., Hampshire, BH25 5UT.

Email: [scalecaptain@srcmbc.org.uk](mailto:scalecaptain@srcmbc.org.uk).

Phone: 07887 967887

<p>The Editor denies any responsibility for the announcement on the following page... good heavens, we haven't even received the RNLi Gift Catalogue yet!!!</p>
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## Christmas Lunch

### SOLENT MODEL BOAT CLUB CHRISTMAS LUNCH

SOUTH LAWNS HOTEL 13<sup>TH</sup> DECEMBER 2014

#### STARTERS

HOME MADE WINTER BROTH WITH PEARL BARLEY

COARSE CHICKEN AND PORK LIVER PATE AND  
RED ONION MARMALADE

MELON AND PINEAPPLE COCKTAIL STEEPED  
IN A SPICED WINTER COMPOTE

SMOKED MACKEREL WITH HORSERADISH CREAM

#### MAIN COURSE

ROAST TURKEY, APRICOT STUFFING, CHIPOLATA,  
CRANBERRY SAUSE, ROAST POTATOES  
AND ROASTED JUS

ESCALOPE OF PORK TENDERLOIN, CRUMBED AND PAN FRIED WITH  
AN APPLE & SAGE SAUCE AND CRISP PANCETTA

WILD MUSHROOM, SPINACH AND ASPARAGUS  
RISOTTO WITH PARMESAN CRISPS

BAKED FILLET OF SEA FRESH WHITING WITH A  
FRESH HERB AND WHITE WINE SAUCE

#### DESSERT

CHRISTMAS PLUM PUDDING WITH BRANDY SAUCE

BLACK FOREST GATEAU SERVED WITH  
DOUBLE CREAM

INDIVIDUAL EXOTIC FRUIT CHEESECAKE  
WITH MANGO COULIS AND DOUBLE CREAM

#### COFFEE AND MINCE PIE

**COST £17.75**

✂-----**Reply slip**-----

I/we will be attending the Christmas Lunch on 13th December 2014, please add my name to the list:

Name (print):..... Number of people (including me!):.....

Please return to: **Lorna Soffe, 1 Stoneleigh Avenue, Hordle, Lymington, Hampshire, SO41 0GS**