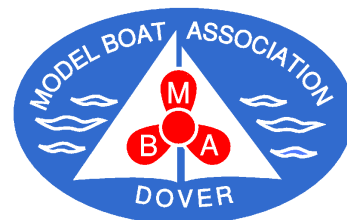


The MBA Dover Newsletter



Issue 12, Winter 2003

Kearsney

Kearsney

Hello and welcome to the Winter edition of KK. Because the Summer issue needed to be published quickly in July, some late contributions had to be held over, these can now be found inside these pages.

I must thank all who put pen to paper and help me to produce a balanced newsletter. It is easy for me as editor to go on a bit about the aspects of the hobby that I personally enjoy, there are of course other models out there apart from submarines and grey jobs, not all modellers share in my obsession.

The Summer season was another success for the club, we increased our membership to a very respectable number during the year that helped to boost funds and allow us to purchase things like lifejackets for the dinghy and other items that keep our club running smoothly.

We also took out some insurance on the contents of our store, this is something that we hope we will never need to use, but considering the

amount of equipment that we have amassed over the years we could not afford to lose it. A neighbouring club have had some misfortunes with their storage facilities and were more than happy that their insurance was up to date.

Two important milestones have been achieved during the season, the first was our 10th anniversary bash at Kearsney and the second our open event at the Dover Regatta.

Both events were supported by our friends from other clubs and we are beginning to establish ourselves as club that provides a fun day out with good facilities.

The October edition of "Model Boats" carried a nice piece about the Anniversary Regatta, it was compiled by Brian Hebditch, a freelance reporter who does work for that magazine.

Unfortunately the adverts for the Dover Regatta appeared in the same issue - after the event had been staged !

Our contact in the Dover Council, who is responsible for the lake at Kearsney, has changed twice during

the year. The new person in charge is very sympathetic to the problems that we have regarding the mess, general condition of the water, and vandalism. Also the vehicle break-ins that occurred during one of our regattas. We were told that CCTV would be installed to help but nothing positive has been forthcoming as yet .

On the subject about our agreement with the council and our water, I think is worth reminding members who may not be aware that the driving of vehicles down to the waters edge is not generally permitted, we do allow this on regatta days but only up until 0930. This is for important safety reasons.

That's all for now, back in the Spring.

Alan.....

DOVER REGATTA

DOVER SEAFRONT 16th & 17th AUGUST





The Dover Regatta pictures from top right clockwise - Derek Tippets, HMS Morecambe Bay , escorts the large trawler 'Christopher George' around the pool.... The same trawler shows off her smoke and nice weathering,from Ramsgate Vikings. HMS Charybdis, a modified Leander Class Frigate from the Sirmar semi kitfrom the Chantry Club.....Next we have HMS Amethyst, a very compact model made from the Deans Marine kit by Richard Gardner from Cygnets at Maidstone.....A very nice Sir Kay, minesweeping trawler built by Alan Knott edges up to the camera.....Captain Scarlet by Ken Frisby complete with a typical witty logo on the bridge front.....This neat little Graemsey, was built and operated by Dave Ralphson....and the Smit Dover tug is now back in the club under the new ownership of Arron Harpley.....

For Sale and Wanted

David Trelfer has been in touch with the club, he says that he used to be a member but his interest has waned and he is offering one of his models for sale.

He writes :

It is an Inshore Trader, Hastings lugger sail boat. Well built and in superb condition as I don't think I ever got round to sailing it. Semi scale, the fibre glass hull is a little under 3 feet long, and is over 4 feet with bow sprit. The deck is individual planked and caulked mahogany. There is a 2 channel receiver, rudder servo and large sail servo installed. I'd be looking at somewhere around **£200**. If anyone wanted to see it I'm in Whitfield or I can send an email photo.

We don't have Davids Address or phone number but his E-mail is...david.trelfer@virgin.net

Len Goldsack has a Dickie Harbour Boat (M.M.I. converted), Ready to go.

40 meg Futaba radio & receiver, nicads and crystals

2 x 9.6 batteries & charger, speed controller, stand (& instructions necessary)

Hardly used, all for **£80.00**. Contact: **Len Goldsack** on **01304 201755**

Roger Shields is offering for sale some of his models, he has a Deans Marine *Blue Leopard* two masted sailing yacht with auxiliary motor, this is a very large impressive model but despite it's size, operates with no trouble at Kearsney.

The model is offered with 2ch receiver, motor and sail winch but has **NO** transmitter.

This is priced at £300.00

His next boat for sale is a Metcalf Mouldings *HMS Bulldog*. This model is not quite complete and requires building the superstructure and fittings, apart from than this, it has all the running gear and motors installed and is offered at £200.00.

At 1/48th scale she is 48inches long and when complete, makes up a very attractive model of a modern RN survey vessel. Drawings are included.

Frank Jobson has a pillar drill for sale, it is 12speed and is offered for £40.00

Contact Frank on Dover 01304 - 820300



A Robbe Futaba Navy Twin stick unit to fit a F14 transmitter is being offered for sale for £60.00

This is brand new, boxed, and never used. Contact via **Alan Poole Tel 01304 852917**

Regatta Reports

Sunday 6th July Club Regatta

This regatta took place with all the normal activities being competed for. As usual there was a good mix of new and old members present, we regularly have about twenty members with their boats on the tables. The competitive types use the occasion to add more points to their scores but others are just as happy to talk about their models to fellow modellers, this is a formula that works very well. The result for myself was that there was not much to report about, however, the notes regarding some of the unusual models that I spotted, can be seen in the members models section of this edition.

Sunday 20th July Club Regatta

The second of the July regattas was blessed with a warm sunny day, which is always nice. The power craft steering course has been standardised for a trial period. A basic course is initially set out, but the way around it is changed to suit the conditions. This helps with the setting up as we know what obstacles we need and where they are positioned in the lake, the tug towing course also uses the same components of the course so no need to change everything again after that event. It all makes life easier on the organising front.

Everything went well until the end of the day when Terry Brown found that his car had been broken into. Roger Shields also suffered the same fate. Both these cars had been parked just under the trees by the pedestrian entrance to the Abbey, in full view of many hundreds of people who were in the park that Sunday. This is very disturbing as we all regularly park in that area when operating our models. Let's hope that it was an isolated incident and that it doesn't happen again.

The Dover Regatta 16/17 August

This was another of our big public events that had been a year in the planning. We had made the event an open one, inviting other model boaters to attend. Adverts were sent to the modelling press but Model Boats failed to print anything despite our secretary contacting them on several occasions. We did however feature on the front cover of the Regatta Programme and there was a nice piece on the club with pictures of Terry Brown, Frank Taylor and Ken Greenland with their models inside. The loading of the lorry went well on the Friday night and on Saturday morning we met again down at the seafront to set everything up. This was achieved without any difficulty and we were all ready to accept our guests by 10 am.

Several members from Ramsgate and Cygnets at Maidstone turned up and with our own members, we managed to put on a reasonable display for the whole day with boats on the water for the public to view all of the time. We had a game of boat snooker which, like out at the Abbey is always a crowd puller. By 5pm. we were busy breaking down the display and reloading the lorry ready for a repeat performance the next day.

Sunday morning at 7.30 saw us setting up again, the weather was not quite as good as it had been but considering the previous week had seen record temperatures, this was not surprising.

Once again we were joined by members of Cygnets, Ramsgate Vikings and also a contingent from Chantry model boat club who had travelled down from the Gravesend area and their base in the 'Bluewater' retail outlet.

There was a much better turn out from our own members on the Sunday, which was nice and with some interesting different models on the water from the other clubs, this made a very good display that was appreciated by a large crowd who were there enjoying the attractions on the seafront.

One modeller from Chantry had brought along a couple of models of ferries. This is a subject that surprisingly, we don't see many of, here in Dover. With all the interest and information readily available, this is unusual. We should have more models of ferries than any other clubs!

Once again we were congratulated on our organisation of the event and all our guests and members had a thoroughly good time with plenty of sailing, and as far as I'm aware, no clashes of frequencies apart from several having the reserved four small tug boat frequencies, and no spares!

Pictures of this regatta can be found on the inside front cover.

An awful lot of work but worth it in the end, many thanks to all who helped and made it possible.

Ramsgate Ships Rally, 7th Sept

Several club members attended the 17th annual ships rally hosted by our friends at Ramsgate Vikings. The boating lake at Ramsgate Royal Esplanade was the venue for the event and as usual it was well supported by clubs and individuals from many miles around. The weather was also kind to us despite rain and winds being forecast and it was a good chance to see and speak to the other modellers with a wide variety of different models and ideas. It was nice to see so many MBA members there supporting this popular show - and with boats on the tables. At the close of the event Ramsgate Vikings presented a brass plaque to each person who displayed a model, a nice reminder of a good day out.

Club Regatta 14th Sept

A beautiful day with not a cloud in the sky greeted us for our September club regatta. Because most of our committee members were away for various reasons, we enlisted the help of other club members to help with the regatta judging and organising. Many thanks to everyone who helped out with these tasks. It seems a long time since our last regatta, this was due to us cancelling the previous event, however this was another well supported regatta with many interesting new models on display.

A general view of the compound at the Sept 14th Regatta, and below, just a selection of the many models that were on the tables.



*Club
Regatta 28th September*

This was the last of our scheduled general regattas for 2003, and a last chance for those members to add to their final scores. This decides who will win the overall trophy's for the year and these will be presented at our Christmas gathering on the 3rd December.

Below can be found a few pictures taken at this regatta.



Members Models

Continuing with the regular look at what is being produced by you all in those sheds and garages, we start with a rather nice yacht model made by one of our newer members

At over seven foot tall from keel to masthead, this is probably the largest model yacht that we have seen down here at Kearsney.

It is known as a EC12 (East Coast 12), the design was developed for the America's Cup race but not actually used. **Mr Bob Davis**, a new member and owner of the model, told me how he built it.

It is a fibreglass hull moulded by a gentleman in Birmingham. The overall length is 60ins and she weighs a whopping 23lbs. The decks are veneered wood planks which are then varnished over. All the masts and sails are supplied by Graham Bantock, the well known model yacht expert.

Control is by Futaba 2 ch on 27meg's. A Whirlwind drum winch controls the sails and a similar make of special servo looks after the steering.

Because this large model has a built in keel with integral weights, she only draws about 9 inches of water. This means that she is quite happy sailing with us at Kearsney.

An interesting fact emerged from my chat to Bob, the model had spent the last 4 years in his loft hidden away!



The Pilot boat No5, is now in the hands of **Sharon** and **Jamie Long**, they acquired it from our resident yacht broker, Ken Frisby. This is a handy sized



model that performs well with good duration for regattas etc. The picture shows her at best speed passing the photographer, but what are the funny shaped swans doing in the background and why is the ensign at half mast?

Jamie also operates one of the 'Dickie' models harbour tugs. These "Almost Ready To Run" boats have been mentioned before in these pages. We have seen several of them appearing in the club and they are remarkably reliable. (see ad page 3)

This next model, still under construction is a fun model based on a Huntsman hull. The superstructure is constructed mainly of plywood.

Roy Jackaman has built this model in the style of

a fast "Grey Job", it is fitted with a MFA Torpedo motor which propels it along very smartly and a water cannon is incorporated in the bows (to sink submarines?). Roy is trying to build this model for no cost whatsoever as all the bits have been lying around not used for some while. The name of the boat is P45 which reflects Roy's current predicament! The photo shows the model at the July regatta and in the background can be seen ' Tres Jollie.' A French fishing boat also built by Roy.

This next boat is the latest model from **Derek Tippett**. She is named **Starlet Rose** and is a handsome model of a river cruiser, well that's how it is described in the MMI plan that it was built from although it is more like a luxury motor yacht. The hull is wooden plank on frame type of construc-



(Continued on page 7)

(Continued from page 6)

tion with ply upper works. The model is very 'tender' (meaning she rolls on wet grass!)



To help eliminate this effect the superstructure and fittings had to be lightened to keep her stable. Terry brown gave a 'workshop' at the August meeting on this very subject, I understand as a direct result of seeing Derek having these problems. Twin motors and shafts coupled with an Electronize speed controller provide the motive force.

The 'Sun XXI' Tug pictured right, is built from the Kingston Mouldings hull and Drawings. **Matt Leggat** is the builder of this attractive 1950s Alexander Towage Thames Tug, which features a hand carved ships boat that can be lowered and recovered on

the davits

The hull is of fibreglass and all upperworks are of ply. The model also has a full set of working lights.

She is powered by a 540 type electric motor and 27meg,s HiTec radio and speed controller.

Derek Rudge has constructed this delightful little wooden fishing vessel from a free plan in the model mag's

The workmanship shows well on this model as it is left in the natural wood and simply varnished. It is only 24inches long but sits well in the water .



Phil Ribtons latest model, An MFA Tracker.

This is a sideways move for Phil as he usually builds from scratch and this is a fibreglass kit! It is at least a large model, and that is in keeping! MFA are local model producer's based in Worth Nr Deal, they do not however encourage visits to their premises, but do operate mail order and supply local shops.



Peter Cook's 46inch version of the Aerokits Fire Crash Tender, is now on the water and performing at a very realistic scale speed. You may remember that I spoke about these classic model boat kits from the 60's in an earlier edition of the KK.



Bits And Pieces

Guess Who ?



Can anyone put a name to the MBA member in the photograph .

Clue: -
He's still playing with model boats .

*Answers to the editor please,
verbally or by any other means.*

Does any one Know Wesley?

This snippet out of **The People** July 27th newspaper was given to me for inclusion in the KK , an interesting piece and as they say “ No publicity is bad publicity ” .

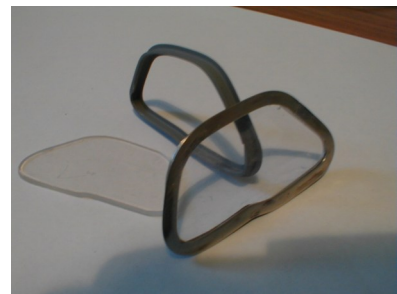


At the Dover Regatta, I was approached by a gentleman who has set up a business in Dover air-brushing and lining model engines. His card reads.....Painting and lining service for all Scale Engineers. Old or new models. No job too big or small. Richard Lewis. 01304 821464 ...

Maybe, someone might be glad of this unusual service !

Metal Window Frames

I must confess that this method of making widow frames is not my idea, John White and Pete Cook gave me the idea after seeing the results on their models.down at the lake. The basic idea is to use model railway track. The cross section of this material gives us the shape of a flat outer rim (the flat track base) and the running rail, which we use as a flange to form the inner frame for the glass and also a ledge to locate the frame onto the model. The actual material used is Peco nickle silver track, this is obtained from model railway stockists and is sold in 3ft lengths for about a pound a length. I found that the rail bent better after annealing it, this means heating it up to cherry red colour then quenching out in cold water. Another mod that I used was to grind off the lip to allow the frame to simply press into place and to ease the fitting of the glass inside the frame. When it is in place, it was soldered together making an almost invisible joint. The whole unit was simply pushed out again and painted. (*The windows shown above are for the side cabin of the Aerokits Crash Tender*).



? Nicads, Do you store them charged or discharged ?

A question often asked and given different answers in some written works, Answers to the editor please for inclusion in the next newsletter. An explanation on the reasons would be helpful.. Ed.

MBA Dover - Event Results 2002/03

PLACE	EVENT / SKIPPER	BOAT	POINTS	PLACE	EVENT / SKIPPER	BOAT	POINTS
Frostbite Yacht Races 2002				Icicle Yacht Races 2003			
1	David Hounsell	Lucky Star	7.25	1	David Hounsell	Lucky Star	5.75
2	Alan Hounsell	Moonwind	7.50	2	Alan Hounsell	Moonwind	8.25
3	Derrick Rudge	Dee Bee	10.75	3	Derrick Rudge	Dee Bee	16.00
4	Barbara Rudge	Passing Wind	19.00	4	Leonard Goldsack	Arfamo	22.00
5	Leonard Goldsack	Arfamo	24.00	5	Barbara Rudge	Passing Wind	32.00
6	Terry Brown		29.00	6	Richard Thornby	Rich One	32.00
Regatta Series Events 2003				7	Roy Dench	Kearsney Mon.	36.00
Steering (Small)				8	David Hounsell	Nikki Dee	38.00
1	Derek Tippet	Milita	7.00	9	James Laming	Tipsy	41.00
2	Derek Tippet	Bruma	12.75	10	John Honnor	Georgie Girl	43.00
3	Terry Brown	Orion	21.50	11	Anthony Lesurf		44.00
4	John Holness	Conserver	32.00	12	Mike Martin-Short	Ripple	45.00
5	Peter Cook	Rother Lifeboat	34.00	13	Tony Lesurf	Jessica	46.00
6	Roy Jackaman	Tres Jolie	36.00	Regatta Series Events 2003			
7	Terry Brown	Elke	40.00	Steering (Juniors)			
8	Sharon Long	Pilot	41.00	1	Tom Wilson	Conserver	12.75
9	Matt Leggat	Sun 21	41.00	2	Kristian Harpley	Carlson	16.50
10	Jamie Long	Lifeboat	42.00	3	Barrie Tripp	Misty I	19.75
11	Ken Frisby	German police	43.00	4	Nathan Wilson	Conserver	22.50
12	Dave Amos	Sea Witch	43.00	5	Barrie Tripp	Misty II	24.75
13	Carol Tripp	Misty II	44.00	6	Stuart Wells	Joe	28.00
14	Pat Male	Dickie	44.00	7	Nathan Wilson	Tug	41.00
15	Ken Frisby	Victoria	45.00	8	Nathan Wilson	M.T.B.	42.00
Yachts (Small)				9	Lauren Thornby-Cook	R/bow Warrior	44.00
1	Alan Hounsell	Moonwind	9.50	10	Thomas Bartle	Sea Queen	45.00
2	David Hounsell	Lucky Star	10.50		Mark Bartle	Sea Queen	46.00
3	Keith Lawton	Scraps	12.25	Steering (Large)			
4	Andrew Goldsack	P2	28.00	1	Alan Poole	Flying Fish	10.00
5	Derrick Rudge	Dee Bee	30.00	2	Alan Hounsell	Bajima	11.75
6	Barbara Rudge	Passing Wind	40.00	3	Roger Shields	Flying Phantom	15.50
7	Leonard Goldsack	Arfamo	41.00	4	John White	Exploit	21.00
8	Dave Cowlin	Argos	50.00	5	Alan Hounsell	Roysterer	28.00
9	Ken Booker	KB 396	52.00	Towing			
10	Tracey Hounsell	Nikki Dee	53.00	1	Derek Tippet	Grimmershorn	8.25
11	Michael Martin-Short	Ripple	54.00	2	Roger Shields	Flying Phantom	15.75
12	Leonard Goldsack	Zephyr	55.00	3	Terry Brown	Orion	16.25
13	Richard Thornby	Rich One	55.00	4	Alan Hounsell	Bajima	18.00
14	John Honnor	George Girl	57.00	5	Dave Amos	Peggy Sue	29.00
15	Tony Lesurf	Jessica	58.00	6	Peter Houps	Yorkshireman	29.00
16	James Laming	Tipsy	59.00	Towing (Juniors)			
				1	Barrie Tripp	Misty II	8.75
				2	Kristian Harpley	Carlson	9.25
				3	Stuart Wells	Joe	16.75
				4	Thomas Bartle	Wyeforce	18.00

Well done all of you that took part in this seasons events, and thanks to all the people who helped run and organise them.
Hope you all have a Merry Christmas and a Happy New Year.
Alan & Jennie Hounsell



Back to Basics part 3

Before I start, could I say a big thank you to the people who sent in questions about the notes before. Any feed back is always welcome, and for the ones that E-mailed me, I hope the replies helped. My Email address is:- terry.k.s.brown@ntlworld.com

For snail mail its Terry Brown (DMBA), 21 Cranleigh Drive, Whitfield, Dover Kent. CT16 3NN (Please enclose a SAE if you'd like a quick snail mail reply). Telephone 07985070609

Ok recap time, you know the very basics now of how a radio works and what SKIP is and why you should get off 27Mhz ASAP (Any one wanting earlier notes please E-mail me).

You know that pulses make our systems work, but now you must be wondering OK so why do I want to know. Well if you have an understanding of the facts, then the black box you plug everything into isn't so dark any more. You understand now I hope that the transmitter sends pulses out to the receiver, these pulse are sent in a set order, channel - 1,2,3,4,5,6,7, WAIT..... then repeated.

It is very important that the cycle is undisturbed, and so we all use different frequencies. At regattas, we run a peg board, and even having your boat on a table, means you should grab the peg if testing your boat. This is especially important to people who sail "Stick and String" like me, as a mess up here, could mean snapped rigging. SO PLEASE EVERY BODY THINK BEFORE YOU TURN ON THAT TRANSMITTER. At our regattas we run a frequency PEG system. Which if EVERY ONE adheres to the rules, is great, as no one should be caught out. For those who don't know how it works it's like this:-

You turn up at the pond with your boat and a nice shiny transmitter (WoW! Mines caked in dust with more holes drilled in it than Swiss cheese). You say hello to every one, especially Jennie 'cos then if she comments, I know she's read down to here! Your next step after finding a spot somewhere to plant your boat is to look at the PEG BOARD. {The PEG BOARD, is a list of frequencies that WE as model boaters call legally use. With that said there are some in other EC countries that use other frequencies that WE can't use over here in the UK}.

If you want to test your boat, either on the table or on the water, grab the peg and if your in the 'in crowd' you'll put a peg with your name on it in it's place.....

BLISS! Isn't it...You've got that frequency now, and everybody knows who's doing what. You can do what you want, as you want, just don't upset the people on the steering course by getting in their way. That fine, but Joe turns up with his boat, and he wants to use the same frequency. He looks at the pegboard, sees your name, and then sees you twiddling your thumbs drinking coffee. So please give back the peg if your not using it, and if you are, share the time. It's really nice for every one to see boats on the water, and that is one thing I feel I would like to moan at US all for doing.

Get um out there!!!, we made them to get wet, so do it.. They don't look right on tables. If you like seeing them on a table being looked at then consider a museum. Personally I'd rather see my boats anchored out of kiddies reach, and bobbing up and down than on a table. For those of you with out working anchors, then I have a suggestion, ask the committee to see if we can supply moorings, and a boat hook. The REAL STUFF

Back to Basics Part Three

The pulses your transmitter sends out are in an ordered form. 1,2,3,4,5,6,7,wait then repeats. It waits so that the slow old servos we have can do what they are told to do, but the main reason is that it allows the transmitter and receiver to become SYNCRONISED. Put your self in the shoes of a receiver. Your sound a sleep, then some rotten person comes along and turns you on. You're a receiver, you'll listen to anything, and so you'll grab the first signal that's going, because that's your job.

You've found something, so you send the signal that you've received out to your servos. FM sets are great for this, if INVICTA FM is strong enough then your servos start doing the JIVE until you turn on your transmitter, and a clean signal is received. FM sets are very good, and I use an FM set my self, but if someone is on an adjacent frequency then they'd love to eaves drop on it. AM sets don't have this trouble, and so now the manufactures are slowly trying to move towards them (and their cheaper to make). But sure as eggs are eggs, they have their own set of troubles.

Anyway, if there isn't a pegboard system set up when you go to the pond, and you have a boat that isn't going to have too many troubles, try turning on your receiver first, and see if anything really moves. If all is quiet, then turn on your transmitter, and your normally safe if you see that satisfying wiggle of the

(Continued on page 11)

servos. The big thing is to use the pegboard or frequency chart if there is one first.

What does a Pulse do?

A pulse is in between 1 millisecond (0.001 second) and 2 millisecond (0.002 second), which is dependant on where you place the joystick. That box of tricks we call a transmitter is quite a clever bit of kit really; as it works it all out for us. It looks at each channel in turn, sends out the right length pulse to suit the joystick setting then moves on to the next. It does this for whatever number of channels you have then waits, and repeats it all over again. The long wait tells the receiver that the next thing it “hears” will be for channel one. The pulses are sent one after another with small breaks between, and so the transmitter and receiver stay in time.

Clever stuff isn't really, and yet it's so simply. So what happens when you buy a 4-channel receiver to listen to your 6-channel set? Well it just listens to the first 4 pulses, and then waits till it gets that all important long break at the end.

Ok your saying, then that sounds really clever, but what about my 4 channel transmitter and a 7 channel receiver. Well in that case the receiver, says, ok, got the first 4 pulses, GULP! Now I have nothing, so lets wait for the next pulse and start again.

{No harm can be done with mixing transmitters and receivers of the same modulation type (ie...FM Transmitters must be used with FM receivers, and AM Transmitters with AM receivers).}

Now we know how that works lets look at what happens from the receiver onwards and then we can make a simple sail winch.

We normally plug in a servo in to each of our receiver servo sockets, and by magic the servos mimic every twitch we make of the joystick. It used to be white mans magic, but now you know what's happening to that WHITE wire in that servo lead.

Every time that channel is looked at it sends a pulse, which is PROPORTIONAL to the position of the joystick for that channel. A long pulse means, push it out further, and a short pulse means pull it in nearer. Sounds easy, doesn't it.

Well inside of each of our servos is a comparator circuit. The circuit looks at the pulse length it sees, and then compares it with the position of the servo. If the two differ, then it tells a motor in the servo to move forwards, or backwards depending on what it sees. Inside every servo is a variable resistor, that the comparator looks at after it's listened to the pulse length coming from the receiver. If the two don't tally then it tells the motor in the servo to move forward or back until they do. Now if you've got to grips with all that's been said so far, then maybe the penny might be dropping that we can upset this balance and make a very cheap and simple sail winch. So here's how to do it.

Making a simple Sail Winch

(Read it through before you start)

If your unsure of what you're doing with a screwdriver and a soldering iron, then practice on an old servo. Remove the four screws that hold the thing together, and gently pull the body off the servo part. There aren't normally any springs that will fly across the room, but on some makes the gearbox will fall apart on you, so I've found that gently pushing down on the output shaft (where the servo arm screws on), tends to help. OK so you should have a servo, with out the case on now. Pull off the output shaft, and underneath the gear wheel you will find a peg or stop moulded into the gear wheel. Using a Stanley knife cut this away so that it will no longer act as a stop.

Somewhere under this output shaft you will find a variable resistor. It'll have three wires going to it. (This gives the comparator of the servo it's feed back telling it what position the servo is in). If you're lucky then it'll be a sealed unit. If your not then you will need to buy either a 1 kilo ohm linear variable resistor, or use two 500 ohm resistors in series, connecting the centre wire to their join (wire 2), and the other two wires to each end.

You might have to extend the wires, as you need to cut a notch in the servo casing and have these (or a variable resistor) outside of the servo, when it's rebuilt.

Now it's time to screw it all back together.

Testing.

(Continued from page 11)

Plug the servo in to your receiver, and turn on you transmitter and receiver.

Turn on your system, and the servo should starts spinning. If not then check your wiring. If you used a variable resistor then centre your joystick and turn the variable resistor until the servo stops. If you used the two resistors in series then you will have to adjust your trim tab on the transmitter.

Ok so it should be quiet now. Push the stick forward on the transmitter and the servo should turn in one direction. Pull the stick back and it should go in the other.

That's it. You've made your self a sail winch. I actual used this system and found it to work very well, but started to creep due to temperature changes on the variable resistor. But it was cheap, did the job, and gave me a lot of fun.

I also used the same system on a Revel 'Black Prince' (1/480 scale) leaving the body and gearbox off the servo (due to it's size and weight) for each of its props.

The model was too small for a working rudder, so I used to steer it on the props alone in the puddle beside the lake (Big waves used to swamp it).

Happy Sailing, Terry..

New Members;

I would like to take this opportunity to welcome the following new members and wish them many hours of happy sailing with us at Kearsney Abbey.

The overall club membership currently stands at 157 members (130 Adults, 26 Juniors & 1 Honorary).

Mr Richard Young

Mr Dominic Roberts

Mr Paul Bartle

Mrs Christine Bartle

Mr John Luker

Mr Reginald Archer

Mrs Cleava Archer

Mrs Joyce Leggat

Mr John Foster

Mr Michael Austin

Master Mark Bartle

Master Thomas Bartle

Alan Hounsell, Secretary - MBA Dover

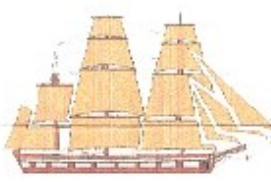
MBA Merchandise - Now In Stock!

MBA merchandise now in stock;
All garments are royal blue with MBA logo on breast. Sizes; Small, Medium, Large & Extra Large.
Sweat Shirts - £14, Polo Shirts - £12, "T" Shirts - £8

Also new style Baseball Caps, royal blue with MBA logo.
Baseball Caps - £5

Available at all club events / meetings or contact Alan Hounsell 01303 242540.

Turners Models
Your local friendly Model Shop.



Turners Models
14 London Road
DOVER
Kent CT17 0TA
Tel : 01304 203711

1 Our local model shop, carries a good range of materials, paints etc. Some kits in stock but can obtain most others within a few days. Discount available on selected items,

RAMSGATE MODELS
the MODEL SHOP FOR MODELLERS



74A Queen Street
Ramsgate, Kent CT11 9ER
Telephone : (01843) 584073

2 General model shop but carries a good range of model boat kits and accessories. Stockist for Evergreen plastic strips as well as odd sizes of Plasticard sheets and other materials. No Discount given

MEERS MODEL CENTRE TEL (01227) 766776 FAX (01227) 769393



RADIO CONTROL MODELS
PLASTIC KITS
TRAINS AND SLOT RACING
INDOOR RACE TRACK
MEERS(CANTERBURY)LTD
PARHAM ROAD
CANTERBURY KENT CT1 1LQ

BRIAN MOORE

3 One of the two model shops in Canterbury, Meers carry some popular boat kits and materials, also a very good range of Humbrol paints.

Elite Models



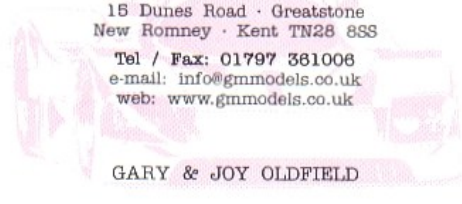
Lower Bridge Street Canterbury Kent CT1 2LG
Tel: 01227 761117 Fax: 01227 763550

Rod Shoveller
Director

www.elitemodelsuk.com

4 The newest of the model shops in Canterbury, this shop has a wide range of kits for the model boater, including some hard to find materials.

G M MODELS DIST LTD



15 Dunes Road · Greatstone
New Romney · Kent TN28 8SS
Tel / Fax: 01797 381006
e-mail: info@gmmodels.co.uk
web: www.gmmodels.co.uk

GARY & JOY OLDFIELD

5 This shop tucked away on the Romney marsh now specialises in large scale I/C Cars, I have been informed that not to much boat stuff is now carried. Mail order prices apply, no discount given.

Weston U.K.



84-88 London Road,
Teynham,
Nr. Sittingbourne
Kent.
ME9 9QH.
England.

Telephone: (01795) 521030/522020
Fax: (01795) 522020
E-Mail: alan@westonuk.co.uk
Website: www.westonuk.co.uk

With Compliments

6 This outlet is famous in the Fast Electric field, they also stock a large range of batteries and chargers. Good range of materials and kits etc. Discount of 10% on production of club membership card.

MODELworld
Technology in miniature



ASHFORD
Bybrook Barn Garden Centre,
Canterbury Rd, TN24 9JZ
Tel: 01233 640684
Fax: 01233 640686 email: ashford@modelworlduk.com

www.modelworlduk.com

OPEN 7 DAYS A WEEK

Located within the Garden Centre at Ashford, this is a general model shop catering for all disciplines. A good selection of popular model boat kits are available. Good range of humbrol paints, timber and Evergreen plastic strip material for the scratch builder.

THE DOCKYARD MODEL SHOP



THE SPECIALIST MODEL BOAT SHOP...
...WHERE SERVICE COMES FIRST

Tel: 01634 830404

MAIL ORDER

The only dedicated model boat model shop in our area, situated within the Historic Dockyard at Chatham. Stockists of many well known kits from the major Manufacturers and also all the usual bits and pieces needed for their operation. Some second hand models are also sold from this outlet.

The Back Page

Frequency control has once again caused us some problems, In the next issue we shall be reminding members about this important point and we hope to add a special handout in the next issue due just before the next boating season. It will then be fresh in our minds and hopefully, sort out things.

Congratulations to Arron Harpley for winning the illuminated contest held in September. I know that he has worked very hard to get his tug sorted out, and it was overdue for a refit. There is quite a lot of complicated electronics in the model recently purchased from Martyn Bax, but it is nice to see this old club model back on the water again. About 8 other models were on the water with their lights on and although I could not attend personally, I am told that the event was a success.

Christine Wellard has kindly agreed to take on the Model Boat Register.

She will produce a specification sheet of your model , this can be used to show alongside your boat when it's on display. A copy will be inserted into the register for all to admire!

Christine will need a completed form from you detailing all that you wish to be included and a good quality photograph, of your model. We do have a template sheet to help you.

I still have some incomplete records awaiting some details, these will be passed on to Christine who will I'm sure chase up those missing details and get them printed.

Many thanks to Christine for her valuable help in taking this job on.

Our Christmas Social and prize giving will be held at The Cricketers pub on Wednesday 3rd December at 7.30

All that remains is to wish all our members and their families a very Happy Christmas.

Alan.

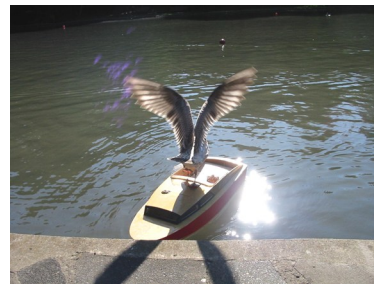
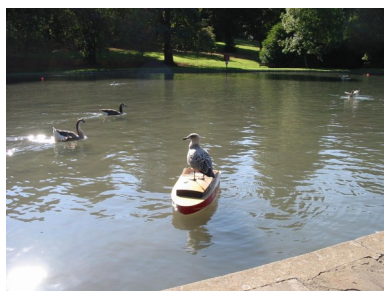
This is a contribution from **Len Goldsack**. Len snapped this moment during a local monthly regatta, it shows David Hounsell rescuing a couple of Fairwinds that had got into difficulty. Are the models assisting David to return to the shore?



Below This series of pictures was taken by **Phillip Ribton**.

You may remember a similar photo showing the wildlife hitching a ride on the Kearsney Cruiser. Phil's latest model is also very well patronised.

Phil say's ... I did'nt charge the saegulls a fare – but they did leave a small deposit!



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Email: chairperson@mba-dover.org.uk

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Email: secretary@mba-dover.org.uk

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Email: treasurer@mba-dover.org.uk

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Email: scalesecretary@mba-dover.org.uk

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Web Site - www.mba-dover.org.uk