

August 2016 Volume 38, Issue 8



THE BINNACLE

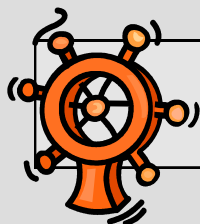
Victoria Model Boats
Victoria, BC



The Honourable Judith Guichon, OBC Lieutenant Governor of British Columbia along with VMSS members Dave Nelson, Jim Cox, Ryan Heal, Bill Andrews and Martin Mayuga.

The VMSS was invited to the Change of Command Dinner at Government House

<http://www.vmss.ca>



From The Bridge

(Submission not available at Publication time)



2016 Executive Committee

<i>President: James Cox</i>	<i>382-3266</i>
<i>Vice-Pres: Pascal Smyth</i>	<i>508-1016</i>
<i>Secretary: Pascal Smyth</i>	<i>508-1016</i>
<i>Treasurer: Mike Creasy</i>	<i>888-4860</i>
<i>Director @ Large: Jim Briante</i>	<i>590-5708</i>
<i>Show Coordinator: Bill Andrews</i>	<i>479-2761</i>
<i>Binnacle Editor: Scott Munford</i>	<i>382-1673</i>
<i>Quartermaster: Terry Gerard</i>	<i>384-0604</i>
<i>CRD Liaison: Adrian Harrison</i>	<i>592-4232</i>
<i>Parks Liaison: Mike Claxton</i>	<i>479-6367</i>
<i>Sailing Director: Peter Stevens</i>	<i>656-8999</i>
<i>Publicity: Ron Armstrong</i>	<i>385-9552</i>
<i>Membership: Bev Andrews</i>	<i>479-2761</i>

All above (250) area code



ON THE RADAR

INFORMATION ON UPCOMING EVENTS

August 21st: Denton Cup Race #2

September 3rd-5th: Saanich Fair

September 18th: Denton Cup Race #3



Meetings: Second Thursday 7:30-9:30
St. Peter's Anglican Church, Lakehill
3939 St. Peter's Rd.

Upcoming Meetings: August 11th,
September 8th, October 13th



POWER: Sundays 10 – 12
Harrison Model Yacht Pond (HMYP)
Dallas Road at Government Street



SAILING: 1st and 3rd Sundays
Beaver Lake



LANGFORD LAKE
Wednesdays 9:30
Langford Lake, Leigh Rd at Trillium



Victoria Model Shipbuilding Society

Monthly Meeting June 14, 2016 Meeting minutes

Call to order: 7:39pm at Harrison Model Yacht pond

New Members/Guests: No New Members to report, though many members of the public did stop to view the boats on the pond.

Health and Welfare: n/a

Publicity Report: Ron Armstrong discussed an article about the pond which was published in the James Bay Beacon. A copy was passed around for review.

Events:

Wednesday, July 20th. The club is invited to bring military boats to run at Government House. This is an event we've been invited to before. Mention was made of a donations of \$300 being made to the club for participation in this event.

Constitution & Bylaw Update: Jim mentioned to general membership that a committee is working on reviewing the constitution and bylaws of the club. Membership seemed generally receptive/ambivalent.

Club Finances: n/a

Membership: Bev Andrews reported 2 new members, as reported above.

Sailing Report: Barry Fox discussed the sailing at Beaver Lake during Strawberry fest. A few rescues were required during the day, but for the most part winds were good and weeds kept close to the shore.

Break: no break due to informal nature of meeting

Presentations/ Show and Tell:

Arnold demonstrated his method for hybridizing his steam plant. An electric motor with a rubber wheel assists the steam engine to operate, as well as providing the ability to reverse once steam has been depleted. Using solid fuel the maiden voyage of this boat was a steaming success!

Ron showed and later operated his metal springer. He discussed various challenges he had faced regarding leaks, and touched upon the idea of using food colouring to detect leaks. In the end, Ron suspects that leaks were caused by a inadequate amount of grease in the stuffing tube.

50/50: Martin won a small stove.

New Business

Mark put forward a request to members, asking if anyone has a sternwheeler model which he could borrow.

Meeting Adjourned at : 8:07pm

NEXT MEETING TO TAKE PLACE AT HARRISON POND AUGUST 11



The VMSS display at the George Jay Elementary School Maker Faire (above) and some of our member's models in the Government House Pool (below)





By Ron Hillsden

I don't think So Tim.....

Tool Time fans there is always more than one way to get things done. There is also always someone to tell you why a new idea won't work. These are a few ideas from the INTER-NET news groups which are worthy of Tim's fertile imagination.

Painting

To find faults before final painting, brush Testors non-buffing metallizer paint over your work. It dries rapidly and the metallic colours shows faults well.

For fine lines, check an Arts Supply store for a 'Pigma Brush'. It's like a disposable pen filled with paint. It has a flexible brush like tip which stays sharp and doesn't brush out.

Masking

3M makes a tape called 'POST-IT CORRECTION AND COVER UP TAPE' which is like, well post-it notes. The glue covers the back and it can be cut to mask small areas. Since the glue is gentle, it's not likely to pull up the base coat. Blue masking tape is a lower tack than regular buff. For fine masking, try 3M Magic Transparent tape. It comes in low tack as well (you may have to get it at a stationary store). Aluminum foil is a great masker-crimp to shape and it stays. Cheap, too...

Glue

You can use clear varnish to glue small parts to a painted surface. Unlike crazy glue, you have time to position the part and it is a lot than epoxy. Cut the eye in half on a sewing needle and stick the sharp end in an eraser. This is a little tool for applying super glue. The horseshoe shape needle end holds the right amount of glue for small jobs.

Blu Tack

Blutack, Bluetack or Funstick is a silly putty like substance which is sold for various purposes, IE sticking posters to a wall. I've seen it in Radio Shack. We can use it to hold parts together while dry fitting or while glue dries, or as a paint mask. This is especially

useful if you are painting before you assemble and you want to keep paint out of holes

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**Cont. from page 5**

and other glue points. Put some on the end of a toothpick, and it will hold small parts for painting. Stick the south end of the toothpick in a piece of Styrofoam, or Florist's foam..

Clamping, Holding

A fly-tying vice holds small parts, and fly-tying hackle pliers make good clamps.

Hemostats-either grind the teeth off or use rubber bands (instead of using the latches) to hold them closed so you don't mar the surface of the part you are holding. A cheap little plastic gadget for holding Easter Eggs for painting (\$1-\$2 at Micheals) is ideal for holding bombs, paravanes, liferaft canisters etc.

Cleaning

A dust brush with a squeeze bulb is handy for dusting small delicate parts. For bigger jobs, take the model outside and mist it with water, then Windex. After the Windex soaks for a minute or so, wash it down with a hose (it is designed to get wet isn't it?)

Sanding

Fingernail buffer is a good mild polishing compound. Pink is coarse, white -is medium and gray-fine. You can make jig for sanding 90 degree edges. You need two boards (up to 6" wide and 10' long) and two 2' right angle brackets from the hardware store. Mount the two boards perpendicular to each other with the brackets. The 2 boards should look like a 'T', but leave a small gap (about 1/8" max) so the sawdust has somewhere to go. Apparently a battery operated tooth polisher is sold in the US for \$5-7. It rotates a small rubber cup- maybe you can sand something with it?

Drilling

Make a bow drill if you have a lot of little holes to drill. Bend 7-9" of coathanger wire into a 'U' so that a 4-5" rubber band is tight acrossed th end of the 'U' (it's a good idea to rebend the ends out to hold the rubber band). Twist your pin vise into the rubber band for 1 to 2 loops. Holds the swivel end and move the coat hanger back and forth. It's faster than twisting the pin vise by hand, but still a lot slower than a Dremel tool.

Salvage

Pop or beer bottle caps can be used for mixing small quantities of paint. The plastic cap from Pringles potatoe chips is a good for super glue. A drop or two from the bottle keeps the 'oopsis' away from your model. Use a toothpick or piece or wire to transfer what you need. It stays liquid for quie awhile. When it dries, bend the plastic. It flakes of so you don't have to eat too many potatoe chips. Other plastic caps can be used for paint mixing or cut them up to use as access panels or other details on your ship. 35mm film cans can be used to store paint for short periods. They also store small parts and sub-assemblies. Buy only red, green and yellow brushes. When the toothbrush is worn you can make running lights from the handles.

WANTED
TO BUY

I am looking for the older style receiver HK-TR6A for a Hobby King transmitter. They are no longer available from Hobby King.

Arnold McCutcheon, ph # 250-360-2875



Harold Lacy's current project
Photo submitted by Bill Sturrock



It's Saanich Fair time again.....Sept. 3, 4 and 5th. For fair passes please call me at 250-479-2761. Please note there is a change.....there are daily passes (for Saturday, Sunday or Monday) or a three day pass. To get these passes you must put your name down for the shift you want to work. This shift schedule then has to be turned in to the office at the Saanich Fair Grounds. Come to the general meeting at Harrison pond on Thursday, August 11th to sign up and receive your pass.

Cheers,
Bill

Denton Cup

The dates have been set for the final two races in the Denton Cup Series. Race #2 will be on August 21st with Race #3 on September 18th. Start time is 11am at Harrison Pond for both races. This series uses best two of three scoring results so if you are unable to make one race, you still can compete.





Shelbourne Shipyard

Welcome to this edition of “Mythbusters”. This month we will be tackling the subject of 2.4Ghz radios and their use in submarines.

When I completed my first submarine, JMSDF Oyashio, I put in a Spektrum receiver and tried to operate it. It worked great running on the surface but as soon as it submerged, it would pop back to the surface. I was baffled. Being new to the Silent Service I was unaware of the problems adapting this new technology at the time to R/C Submarines. After scouring the Forums & RC Groups, it was made clear that I was not the first one to run across this issue.

I won't bore you with the reasons or the science behind it, but the bottom line was 2.4Ghz radios could not be used to operate diving R/C Submarines.

Fast forward to several months ago while having a conversation with Mark Giles about radio systems for subs, we discussed a Youtube video we had both had viewed. In it, a R/C truck goes through the ice at the edge of a lake and the operator, standing on the ice over it, runs his truck on the lake bottom under the ice using a 2.4Ghz radio. I told Mark my experiences with my sub but he said how do you explain that video where it did work?

Alas, I couldn't. So that got me thinking. Let's test this myth again.

I started this experiment by placing a receiver, battery pack & servo in a supposedly watertight Tupperware container. Discovered they were not heavy enough to keep it at the bottom of the sink so lead was added. While operating the radio next to the submerged receiver, I could observe the servo turning. I called the Shipyard owner for assistance. She took the radio down the end of the hall and it still worked. Had her go out on to the balcony and through several walls, the servo still operated. Hmm, my control worked, now let's test this theory in the real world.





To give it the best chance for success, I used my best receiver (AR6200, see right) that has an antenna extension. The subject for this experiment was the 'Boomer' as this is the sub that was giving me the most trouble running on 75Mhz. Upon entering the water all the controls responded. Wow, this might work. My surprise was short-lived. After settling at her surface trim, I proceeded slowly forward. Once it was 15-20ft from me, I lost control and had to chase it in the pond and grab it. I submerged it and discovered the controls did not respond either. Once at the surface, control resumed. Experiment over

Conclusion:

In the video of the submerged truck, the operator is standing above it and following along. The water depth is maybe 1ft or so. I can understand that the radio signal would be strong enough over that short distance to penetrate the water. Now for subs, who operates their boat this way? I believe when I ran my sub on the surface, it worked shortly but once the boat got further away from me, the angle changed and the signal had to penetrate more water. Even standing directly over it while submerged, it would not work. Clearly it will work in water but there is a very small depth it can go through.

The myth that you can't use 2.4Ghz radios for submarines is



That's all for now. See you at the pond.

Scott Munford
Yard Master



“SAILBOAT RESCUES TUG”

My Springer tug is still having teething problems. On Wednesday, July 6th I joined the Langford Lake sailors cutting swaths with their various sized sloops---and Don's great reversing catamaran (ask him about it). After a few trips the Springer's rudder servo rod popped off, and she went circling way beyond arm's reach. I was facing an embarrassing swim (though the water was quite warm in the bright sun) because no other powerboats were present.

As the Springer drifted parallel to the fishing wharf, Jim C. Came to my rescue. He arrowed his big yellow sloop in on a full reach, hitting the tug mid-ships and pushing her sideways. Well before his boat hit the wharf (my tug was given enough thrust to close the gap) he fell off and went downwind before **his** boat hit the wharf.

It was a deft piece of seamanship, one I'm sure unique in the annals of both model and full size boating.

Thanks again Jim!

Ron



How would you like to win a free membership?

Every member who brings an item for **"Show & Tell"** will get an entry into the draw. Bring an item every meeting and you can have 12 entries in it. At the end of the year, one lucky name will be drawn.

So dust off your projects, tips & ideas and bring them along.

*The Victoria Model Shipbuilding Society is a
non-profit club, open to all, established in
1978 under the Societies Act of B.C.*

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