



Fraser Bridge Officers

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Murphy Ni - 778-835-3955
Caroline Duguid - 604-671-1624

Treasurer - Cleve Pryde
604-943-3536

Administration - Meredith Williamson
604-946-0091

Secretary - Gouri Chinnappa
604-940-8711

Web Master - Bob Everson
604-271-2551

Membership Officer - Vidas Vitkus
604-948-2188

Asst. Membership - Li (Tad) Xinhe
604-281-2188

Port Captain - Bob Juulsen
604-946-0936

Supplies and Training Aids
Bill Hawryluk - 604-270-2946

Cruise Master - Peter Lefroy
604-271-5240

Regalia Officer - Donalda Buie
604-271-7938

Communications/Historian Officer
Colin Redwood - 604-943-1680

Public Relations Officer - Jan Muller
604-628-2037

Environment Officer - Les Muller
604-628-2037

Multi Cultural Officer - Jack Tang
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Special Projects Officer - Rose Easthom
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604-946-8389

Fairlead Editors Rick & Rose Easthom
604-946-8389



Commanders Comments



It has been a busy fall for Fraser Squadron, and we have all-ready graduated many students from our VHF Marine Radio Course, and Boating Basics in English & Mandarin. We currently have almost 20 students taking our Boating Essentials Course in Richmond & Ladner.

We also have a full class of 20+ students taking our one day VHF Marine Radio Course on Saturday Nov 15th. These one day classes are proving to be very popular, and we have students coming from as far away as Victoria, Chilliwack, Terrace, and just recently had a student fly in from Denny Island which is near Bella Bella to take this course. So for 2015 we have scheduled one day courses on Saturday January 24th, February 21st & March 21st. **NOTE: It is mandatory that you have a ROC (M) certificate to operate a marine VHF radio if you do not have one, and operate a marine VHF Radio you are liable for a conviction or fine!**

Canadian Power & Sail Squadron (CPS-ECP) just had their annual AGM in Quebec City. There were many topics on the agenda including the new "Canada Not-for profit Corporation Act (NFP)" which CPS-ECP is now governed by, and means that each member (19+) has one vote. We will inform our membership in future issues how this voting will take place.

At the AGM they also had a demonstration of a "**Boating Skills Virtual Trainer**" which embodies a realistic boating experience using sophisticated software developed with discussions, and direction provided by Power Squadrons and the Coast Guard. The equipment uses an actual Mercury Marine throttle, and reacts to trim, current and wind in day or night scenes and is changeable when you are underway. It utilizes three wide screen HD monitors. We feel for new boaters (and old) this equipment will provide an exciting experience that compliments on the water training.

Do not forget our annual **CHRISTMAS PARTY** which is on Saturday November 29th. This has always proven to be our premier event of the year with great music, food and prizes.

I would also like to say a big thank you to our Fraser Squadron Bridge members and volunteers who teach, proctor, administer, and donate their time to promote safe boating - **THANK YOU!** - Byron Buie/Commander Fraser Squadron

You are invited to attend
Fraser Squadron
Christmas Dinner & Dance

Sundance Inn

6574 Ladner Trunk Rd
Delta BC

Date: Nov. 29, 2014

Cocktails: 6:00

Dinner: 7:00

Dancing: 9:00 - 1:00

\$45/person

Dance to
Music Bingo
Door Prizes
\$450 Kanto Audio System

50/50 Draw
Pleasure Boat
Award
Fishing Trophy

Tickets

order and pay by Nov 20th
call Meredith Williamson
(604) 836-6140

Dinner Buffet

Selection of
Chinese and Traditional
Christmas Fare

Fraser Squadron Christmas dinner and dance Tickets

We have changed the process of ticket distribution this year, and after years of doing an outstanding job June Eldred is officially retiring from this task of phoning everyone to remind them of the event.

This year we have printed tickets and you must contact Meredith 604-836-6140 to pay for your tickets by November 20th.

Regalia Stocking Stuffers

Here is a list of the supplies we have on hand for the Squadron membership:

- 3 - CPS ties for men (\$20.00 ea.)
- 2 - CPS silk scarves for dress (\$10.00 ea.)
- 1 - CPS DECAL (\$1.50)
- 12 - CPS small crest (\$2.50) [super sale price]
- 18 - CPS flags with ropes (\$12.00 ea.)
- 8 - FRASER SQUADRON burgees (\$12.00 ea.)
- 20 - FRASER SQUADRON pins \$2.50 ea.)
- 1 - FRASER SQUADRON cap (\$12.00 ea.)
- 11 - FRASER SQUADRON blazer crests - can fold into a blazer pocket (\$12.00 ea.)

Also check out the CPS web site under ship stores for CPS logo'd items.

Elves Embroidery in Steveston has our logo on file. You can stop by their shop and have anything custom embroidered, have your boat name a Fraser squadron Logo on a jacket, hat, shirt or anything in their inventory.

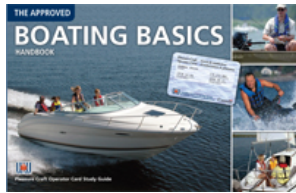
[Elves Embroidery, 12111 1st Avenue Richmond BC,](#)

The Last Fraser Squadron Cruise of 2014



Dinner at Gorge Harbour - Desolation Sound

Kouka, Jan, Les, Rose, Rick, Bill, Linda, Byron, Donnie, Meredith, Dave & Peter



From Our Training Officers

Boating Basics (a.k.a. PCOC or Operator's Card)

Richmond

Registration Date: Tuesday, January 13, 2015

Examination Date: Tuesday, January 27, 2015

Location: Westcan Yacht Club, 8331 River Road, Richmond

Ladner

Registration Date: Thursday, January 15, 2015

Examination Date: Thursday, January 29, 2015

Location: Ladner Yacht Club, 5011 River Road, Delta

Fee: \$125 individual registration, \$ 50 for 2nd person of a family ** see package offers below

Boating Basics covers the minimum requirements for the Pleasure Craft Operator's Card (PCOC). The Manual, CD and Transport Canada examination are provided as part of this course. This course consists of 2 weeks of instructor guided self-study. During this time period there will be 2 in-class evenings spent reviewing the course content with the instructor. The examination is at the end of the second evening.

An ebook version of the manual is available, be sure to register for the ebook version if you prefer an electronic manual, and we also sell the Boating Basics manual for self-study and can provide the PCOC Transport Canada exam on request.

Package Offers

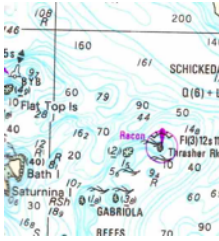
**** 1. Fraser Squadron package offer: the Boating Basics course AND the Boating Essentials course for the price of \$290 for an individual and \$175 for the second person at the same address plus a \$20.00 coupon (one per family) towards the VHF Marine Radio Course.**

**** 2. Fraser Squadron also offers the following package for a couple (2 people sharing the same address and sharing the course materials): the Boating Basics course AND Boating Essentials course AND VHF Maritime Radio course for the price of \$500.**

Contact the Training Officer at 604-786-5678 to purchase the package or to pre-register

Boating basics in Mandarin

Our Boating Basics in Mandarin is an on-going course every Monday & Thursday at:
WestCan Yacht Club, 8331 River Road, Richmond B.C. - Phone: 604- 278-7807



HAVE AN OPERATOR CARD?

Learn more about:
-navigation
-magnetic compass
-plotting
-digital charting
-anchoring
-GPS

boatingessentials

boatingcourses.ca



Boating Essentials

Richmond

7 Tuesday evenings beginning Tuesday, February 10, 2015

Location: Westcan Yacht Club, 8331 River Road, Richmond

Ladner

7 Thursday evenings beginning Thursday, February 12, 2015

Location: Ladner Yacht Club, 5011 River Road, Delta

Price: \$250.00 individual registration; \$175.00 2nd member of family **Package offer (see below)

Prerequisite: the **Boating Basics** course.

"Boating Basics gets you out there; Boating Essentials brings you back safely"

Boating Essentials picks up where **Boating Basics** leaves off. This course provides in-depth boat operation and safety training. Topics include: global positioning and charts, navigation, conning, plotting, digital charting, anchoring, lines and ropes, electrical issues, towing, and the environment, and more.

An ebook version of the course text is available. If you prefer an electronic version of the text materials be sure to register for the ebook version.

Note: The Boating Essentials course does NOT cover the material required for the PCOC card. Anyone operating a power-driven vessel is required to possess a PCOC.

Students taking Boating Essentials who do not already have a PCOC issued by CPS or another provider may take the Boating Basics course which is offered immediately before Boating Essentials.

Package Offers

** 1. Fraser Squadron package offer: the *Boating Basics* course AND the *Boating Essentials* course for the price of \$290 for an individual and \$175 for the second person at the same address. This offer includes a \$20.00 coupon (one per family) towards the VHF Marine Radio Course.

** 2. Fraser Squadron also offers the following package for a couple (2 people sharing the same address and sharing the course materials): the *Boating Basics* course AND *Boating Essentials* course AND VHF Maritime Radio course for the price of \$500.

Register online or contact Fraser Squadron at 604-786-5678 for the package offers.

VHF Maritime Radio and DSC Endorsement “One Day ROC (M) Certificate Radio Course”



Saturday's January 24, 2015 or February 21, 2015 or March 21, 2015 - 8:30AM to 3:30PM

Location: Richmond Yacht Club, 7471 River Road, Richmond

Price:

Members: single: \$100; couple: \$125; DSC only: single \$50, couple \$75

Non-members: single: \$110; couple: \$135; DSC only: single \$60, couple \$85

**Fraser Squadron package offer - see below

To operate a maritime radio, you require a Restricted Operator's Certificate (Maritime) or ROC (M) . This comprehensive and practical course focuses on radio operation technique in addition to emergency radio procedure. Learn all about the use of marine radios, choice of frequencies, phonetic alphabet, and procedural words and phrases. Digital Selective Calling and the Global Maritime Distress and Safety System, (DSC/GMDSS) are both covered extensively.

You will receive your operator certificate upon successful completion of Industry Canada's written and oral examinations.

Register or contact us at least **TWO WEEKS** before the date of the course as home study is required before the course date. We will guide you through the home study portion of the course.

An ebook version of the course manual is available. Please register at CPS-ECP for the ebook version if you wish to have your manual in electronic format.

Package Offers

** 1. Fraser Squadron package offer: the Boating Basics course AND the Boating Essentials course for the price of \$290 for an individual and \$175 for the second person at the same address. This offer includes a \$20.00 coupon (one per family) towards the VHF Marine Radio Course.

** 2. Fraser Squadron also offers the following package for a couple (2 people sharing the same address and sharing the course materials): the Boating Basics course AND Boating Essentials course AND VHF Maritime Radio course for the price of \$500.

To register for either of these packages contact the Training Officer at **604-786-5678**.

IT IS TIME TO WINTERIZE



"...And that, in simple terms, is how you winterize your boat."



Avoid costly damage
**SCHEDULE
WINTERIZATION NOW**

The first step in winterizing your boat should be to make a list of all your winterization tasks. Check your boat and motor owner's manuals for manufacturer recommendations on winterization and review the topics below. If you are a new watercraft owner, consider employing the help of a friend with experience in winterization, or hire a professional to do the job.

Outboard Engines

Flush your engine with fresh water using flush mufflers or a similar device attached to the raw water pickup. Let all water drain from the engine. Wash the engine down with soap and water and rinse thoroughly. Disconnect the fuel hose and run the engine until it stops. It is important to follow a step-by-step process to make sure that all fuel is drained from the carburetor to prevent build-up of deposits from evaporated fuel. Use fogging oil in the cylinders to lubricate the cylinder walls and pistons. Apply water resistant grease to the propeller shaft and threads. Change the gear oil in the lower unit. Lightly lubricate the exterior of the engine or polish with a good wax.

Inboard Engines

Run the engine to warm it up and change the oil while it is warm. This allows impurities to be drained away with the oil. Change the oil filter(s). Flush the engine with fresh water. Circulate antifreeze through the manifold by using a pickup hose from the water pump to a bucket of antifreeze. Start the engine and allow the antifreeze to circulate until water starts to exit the exhaust. This process will vary slightly depending on whether you have a "Raw Water" cooling system or an "Enclosed Fresh Water" cooling system. While you're in the engine room, change the fluid in your transmission. Remove spark plugs and use "fogging oil" to spray into each cylinder. Wipe down the engine with a shop towel sprayed with a little fogging oil or WD-40.

Stern Drives

Thoroughly inspect the stern drive and remove any plant life or barnacles from the lower unit. Drain the gear case and check for excessive moisture in the oil, which could indicate leaking seals and the need for repairs. Clean the lower unit with soap and water. If your stern drive has a rubber boot, check it for cracks or pinholes. Grease all fittings and check fluid levels in the hydraulic steering or lift pumps. Check your owner's manual for additional recommendations by the manufacturer.

Fuel

Fill your fuel tank(s) to avoid a build up of condensation over the winter months. Add a fuel stabilizer by following the instructions on the product. Change the fuel filter(s) and water separator(s).

Bilges

Make sure the bilges are clean and dry. Use soap, hot water and a stiff brush to clean up any oil spills. Once the bilges are clean, spray with a moisture displacing lubricant and add a little antifreeze to prevent any water from freezing.

Fresh Water System

Completely drain the fresh water tank and hot water heater. Isolate the hot water heater by disconnecting the in and out lines and connecting them together. Pump a non-toxic antifreeze into the system and turn on all the faucets, including the shower and any wash-down areas until you see the antifreeze coming out. Put non-toxic antifreeze in the water heater.

Head

Pump out the holding tank at an approved facility. While pumping, add fresh water to the bowl and flush several times. Use Vanish crystals or whatever your owner's manual recommends that will not harm your system and let it sit for a few minutes. Add fresh water and pump out again. Add antifreeze and pump through hoses, holding tank, y-valve, macerator and discharge hose. Check your owner's manual to make sure that an alcohol-based antifreeze won't damage your system.

Interior

You should remove any valuables, electronics, lines, PFD, fire extinguishers, flares, fenders, etc. Over the winter, clean, check and replace these items as necessary. Open all drawers and lockers and clean thoroughly. Turn cushions up on edge so that air is able to circulate around them or, better yet, bring them home to a climate controlled area. Open and clean the refrigerator and freezer. To keep your boat dry and mildew-free you might want to install a dehumidifier or use a commercially available odour and moisture absorber product.

Out-of-Water Storage

Pressure wash the hull, clean barnacles off props and shafts, rudders, struts and trim tabs. Clean all thru-hulls and strainers. Open the seacocks to allow any water to drain. Check the hull for blisters; if you find any that require attention, consider opening them to drain over the winter.

In-Water Storage

Close all seacocks and check rudder shafts and stuffing boxes for leaks, then tighten or repack as necessary. Check your battery to make sure it is fully charged, clean the terminals, add water if necessary and make sure your charging system is working. Check the bilge pumps to ensure they are working, that the float switches properly activate the pumps, and that they are not hindered by debris. Make sure to check your boat periodically or have the marina check it and report to you. If the water in which you are docked or moored tends to freeze, you should install a de-icing device or bubbling system around your boat.

Trailers

Like boats, trailers need some attention in the fall so they'll still be rolling in the spring. Hubs that have been immersed in water during the season must be cleaned thoroughly. Rusted areas on the frame should be sanded, primed, and repainted. Tires should be inspected, especially the sidewalls, which tend to crack and wear out before the treads. Finally, removing the wheels and adding support at the blocks under the frame rails will prolong the life of the tires, minimize sagging on the springs, and discourage theft.

Batteries

You may want to leave a battery aboard your boat to operate a burglar alarm or an automatic bilge pump. These are both useful in the winter, but don't expect an automatic pump to overcome bad deck, cabin, or hull leaks—not in the summer or winter. The pump, battery, or float switch can fail, leaving the boat unprotected. A boat with chronic leaking problems should be dry-stored and repaired as soon as possible. If you do leave a battery aboard, make sure the cells are filled with distilled water and fully charged so they don't freeze. Frozen cells will ruin a battery. Clean the terminals with baking soda, and rinse with cold water. Coat the terminals and cables with petroleum jelly to help prevent rust.

If you don't need a battery aboard, take it home and do all of the above anyway. Store batteries in a cool dry room and put them on a trickle charger or charge them every 30 to 60 days.

Covers

Invest in a cover to keep your boat clean and free from dirt, water, falling leaves and bird droppings, all of which can cause damage if left unchecked. A cover can also prevent UV rays from breaking down hoses and fading carpets and upholstery. During the winter a frame should be used under the cover to distribute the weight of water or snow that may collect on the boat.