



## Notice of Annual General Meeting To: Members of the Fraser Power & Sail Squadron

Take notice that the **Annual General Meeting of the Fraser Squadron** will be held at the Sundance Inn Banquet Room, upstairs at 6574 Ladner Trunk Road, Delta, BC, V4K 3N3 at 1930 hours on Friday, April 17, 2015, for the purpose of:

- receiving and approving the reports of the Officers of the Squadron
- receiving and approving the financial statements of the Squadron for the period ending March 31, 2015
- electing the Officers of the Squadron
- considering such further and other business as may properly come before the meeting

Under Squadron Regulation 12.1, any further nominations must be made by way of petition in writing signed by not less than 5 members of this Squadron who shall confirm the consent of their nominee to stand for election. The petition must be filed with the Squadron Secretary not less than 2 days prior to the date of this meeting.

*Dated this 15 day of February and signed by Commander Byron Buie.*

*There will be a nominal cost ----- coffee, tea, and dessert will be served.*

## Congratulations Graduates!

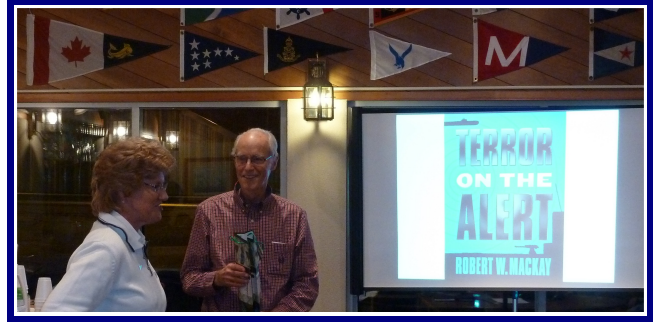


**Graduates from the Fall, 2014 Boating Essentials courses receive their certificates**

On the evening of January 30, 2015 we congratulated the graduates from our Fall, 2014 Boating Essentials

courses and welcomed them as members of Fraser Squadron. 'Thank you!' to the instructors and proctors who gave of their time to make these students successful.

Following the graduation ceremony we enjoyed a presentation by Bob Mackay on the subject of submarines. Bob attended UBC and spent ten years in the Canadian navy with service in destroyers and submarines. He subsequently taught school and practised law. His first published novel is the gold-medal-winning *Soldier of the Horse*, the story of his father's time in the WW I Canadian Cavalry Brigade. Robert's second novel is set in a Canadian submarine during the Cuban Missile Crisis. It was published in September 2014, in time for the 100<sup>th</sup> anniversary of submarines in Canada. He is past president of the Canadian Authors Association-Vancouver, and a national director of the Canadian Authors Association.



## Regalia

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

- 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 [www.cps-ecp.ca](http://www.cps-ecp.ca) and look 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, for example, have your boat name a Fraser squadron Logo on a jacket, hat, shirt or anything in their inventory.

[Elves Embroidery, 12111 1<sup>st</sup> Avenue, Richmond BC](#)



## ***From the Training Department***

### **Boating Essentials Course**

#### **Richmond**

7 Tuesday evenings beginning Tuesday, February 17, 2015

**Location:** Westcan Yacht Club, 8331 River Road, Richmond

**or**

#### **Ladner**

7 Thursday evenings beginning Thursday, February 19, 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.

### ***“One Day VHF Maritime ROC (M) Course”***

**Saturday** February 21, 2015 *or* March 28, 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 above



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.

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



### ***Notice to Mariners***

In our 'Boating courses' we learned that the 'Notice to Mariners' are updates issued by the charting authorities to provide notice of charts features that are now inaccurate or incomplete and need to be corrected. Such chart corrections appear first in the Notices to Mariners. Sometimes, you hear more urgent or timely versions directly over the radio from the Coast Guard. Updates to paper charts need to be made manually and electronic chart updates will be found on the agency web sites.

'Notices' are issued by both the Canadian and US governments and useful links follow:

Canadian Notices to Mariners are found at: <http://www.notmar.gc.ca/>

US Notices to Mariners are found at (District 13 = Washington): <http://www.navcen.uscg.gov/?pageName=lnmDistrict&region=13>

An explanation of the US Notices is found in (Thank you Scott Wilson): <http://threesheetsnw.com/blog/2014/10/how-to-read-your-local-notice-to-mariners/>



## **Anchoring Test**

If you score less than 75%, you should consider taking our Anchoring course this spring (date to be determined). Find the answers on the last page.

1. What is catenary?
2. What is the best type of rope for anchoring?
3. What is all the gear associated with anchoring known as?
4. A light weight anchor is excellent in what type of bottom(s)?
5. How much scope should be used when anchoring under calm sea and weather conditions?
6. What are the two largest forces acting on your anchor system?
7. If your anchor is dragging, what is the first thing you should do?
8. What is Anchor chain measured by?
9. How do you determine the appropriate size anchor for your boat?
10. What device is used to recover a fouled anchor?



### **An invitation from the Pender Harbour CHAMBER MUSIC FESTIVAL**

The Pender Harbour Chamber Music Festival is celebrating it's 11<sup>th</sup> year of performances by internationally acclaimed musicians on August 13 – 16, 2015

<http://penderharbourmusic.ca/chamber-music/>

Pender Harbour School of Music is located on the Harbour's edge adjacent to the government dock. Other amenities within walking distance of government dock: groceries, Post Office, liquor store, ATM, restaurants, bookstore, art galleries, hairdressers, veterinarian, Health Centre, pharmacy..... fuel available at John Henry's in Garden Bay

Classic 9 hole PH Golf Course just a 10 minute drive away (call [604 883 9541](tel:6048839541) for a complimentary ride)

<http://www.penderharbour.ca/things-to-do.html>



### **News from the BC Cetacean Sightings Network**

<http://wildwhales.org/>

At the BCCSN, the winter months mean that sightings slow slightly and we get the chance to catch up on our data entry and look back at the year.

Wondering what the BCCSN was up to in 2014? Here are some neat stats:

Number of sightings received: **7063**

Most observed large cetacean: **Killer whales followed by humpback whales**

Most observed small cetacean: **Harbour porpoises followed by very similar numbers for Pacific white-sided dolphins and Dall's porpoises**

Most number of sightings from a single observer: **535**

Most number of sightings from an organization: **622**

Number of hours our team of volunteers worked: **889**

Number of outreach presentations delivered and events attended: **45**



## **Check your power cables!!**

Recently I had a desire to start the boating season early, so I decided to overnight on the boat while it was at our dock. The evening started off well, with the heater warming the boat up nicely and I settled in to watch a movie. Just as the heroine of the movie was fighting her way out of a tough situation, the T.V. switched off. “What the heck?” I said. I looked out at the dock and noticed there was still power to the path lights. So I went up to the



electrical panel and noticed there was no voltage registering on the meter. “Hmm, must be the breaker on the dock electrical panel”. A quick check of the panel revealed everything to be in order. That left the connection to the boat through the ship's power cable. Interestingly enough, I had replaced that connection with a SmartPlug a few years ago. Going back onboard to the ship's power connection, I touched the plug end and noticed it was very hot! Obviously, here was the source of the trouble! It must be a wiring problem inside the plug and the bad connection was generating a lot of heat. The good news was that the SmartPlug had sensed this and shut the power supply off just as it was designed to do. I disconnected the power to the

boat and ran the rest of the evening on the inverter. By the way, the heroine saved the day.

The next morning, I examined the cable and could smell the odour of the burnt cable plug end. I disassembled the plug and found that one of the wire connectors had worked its way loose and the resulting poor connection had fried the plug end. I determined that I should have tinned the wire ends when I had originally installed the SmartPlug. This process makes for a much stronger connection than stranded wires. I'm glad the SmartPlug had disconnected the power as intended, otherwise a fire could have occurred.

A few things I learned from this experience include:

- 1) Don't assume that plug ends are safe and sound; at a minimum they should be closely examined regularly for corrosion and burning. After they have been connected for a while, touch them and feel if there is excessive heat built up. Disconnect and smell the cable ends to detect any burning smell.

- 2) SmartPlugs work. They are a good investment to protect your boat, so ensure all electrical connections are properly made.
- 3) Don't assume that even the best electrical protection is foolproof. Like all electromechanical devices, they should be checked periodically and maintained annually or they will fail.

Lessons learned, I figure that I got off cheap and a little wiser for this experience and strongly recommend to all my fellow boaters that they learn from my experience and inspect all ship to shore cables and connection this winter.

By Dave and Meredith Mellis

## Answers to the Anchoring Test

1. The droop or curve in the rode from the bow to the seabed
2. Nylon
3. Ground tackle
4. Mud and sand
5. 5:1
6. Wind and wave
7. Pay out more rode
8. Diameter
9. Manufacturers recommendation
11. A trip line

Fraser Squadron – Bridge Members			
<b>Commander</b>	<b>Byron Buie</b> 604-271-7938	<b>Executive Officer</b>	<b>Dave Mellis</b> 604-946-0091
<b>Education</b>	<b>Kathleen &amp; Paul Vanderwood</b> 604-946-4184 <b>Nan Lockie – 604-943-0694</b> <b>Murphy Ni – 778-836-3955</b> <b>Caroline Duguid - 604-671-1624</b>	<b>Treasurer</b>	<b>Cleve Pryde</b> 604-943-3536
<b>Administration</b>	<b>Meredith Williamson - 604-946-0091</b>	<b>Secretary</b>	<b>Guiri Chinnappa - 604-940-8711</b>
<b>Web Master</b>	<b>Bob Everson - 604-271-2551</b>	<b>Membership</b>	<b>Vidas Vitkus – 604-948-2188</b> <b>Li (Tad) Xinhe - 604-281-2188</b>
<b>Port Captain</b>	<b>Bob Juulsen - 604-946-0936</b>	<b>Supplies</b>	<b>Bill Hawryluk - 604-270-2946</b>
<b>Cruise Master</b>	<b>Peter Lefroy - 604-271-5240</b>	<b>Regalia</b>	<b>Donalda Buie - 604-271-7938</b>
<b>Communications &amp; History</b>	<b>Colin Redwood - 604-943-1680</b>	<b>Public Relations</b>	<b>Jan Muller - 604-628-2037</b>
<b>Environment</b>	<b>Les Muller - 604-628-2037</b>	<b>Multi Cultural</b>	<b>Jack Tang - 778-919-0723</b>
<b>Special Projects</b>	<b>Rose Easthom - 604-946-8389</b>	<b>Past Commander</b>	<b>Rick Easthom - 604-946-8389</b>
<b>Fairlead</b>	<b>Rick &amp; Rose Easthom - 604-946-8389</b>		