



August 2004

THE ANCHORLINE

White Rock Power and Sail Squadron, White Rock, BC

Report from your Commander



As quoted from the Canadian Power and Sail Squadrons Operations Manual:

'CPS Mission Statement'

'To increase awareness and knowledge of safe boating by educating and training members and the general public, by fostering fellowship among members, and by establishing partnerships and alliances with organizations and agencies interested in boating.'

Our motto is **'We teach safe boating'**

The fall training programs will begin soon, and to this end all of our members are urged to remind our friends and associates of the importance of safe boating, and to encourage them to take boat safety training. Those of us who venture upon the waters on a nice summer day are constantly reminded of the lack of knowledge and safety awareness displayed by many of our fellow boaters, with their frequent calls for help on the VHF radio. Through our efforts we can help.

Again, I will take this opportunity to thank those who have volunteered their time and effort to be members of our bridge. For our new members, the Bridge is the Squadron Executive Committee, who you, as Squadron members, have elected at our Annual General Meeting (AGM).

As well, I thank those who volunteer as instructors and proctors, who make our training programs work.

Any of our members who would like to volunteer their time to assist us in Squadron activities, please contact any Bridge Member. We are currently in need of a Social Officer, and someone who would make coffee for our Tuesday and Wednesday training sessions at the Earl Marriott high school.

There is still some great (hopefully) boating left in the season. Enjoy.

Ken Penny
Commander

**White Rock Squadron
2004 - 2005 Bridge**

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## We need your comments !

Last week your Bridge met for its first meeting of the business year. As your new Environmental Officer I want to be sure that White Rock Power Squadron members are receiving the information they need to help preserve a clean boating environment. Your input is important. Please take a few moments to consider the following questions and email your comments and concerns to me.

- Do you want the Power Squadron to provide you with information on environmental issues?
- Is the information you have received from the Power Squadron in the past what you want/need?
- Do you have environmental questions that have not been addressed?
- If you have questions, do you seek answers from a source other than the Power Squadron. If so, what sources do you find useful?

Ross Brearley  
Environmental Officer  
rmab@telus.net

*It seems as if those  
shimmering seas can scarcely  
bear a hand's touch.  
That which moves across  
the water is scarcely a happening,  
hardly even as solid a thing  
as a thought, for you can  
follow a thought.  
It's more like a breath,  
involuntary and alive,  
coming, going, always there  
but impossible to hang on to...  
Only spirit can touch this.*

*Emily Carr, from  
her journals*

## 2004 Fall Course Schedule

| <b>Course</b>                                                            | <b>Instructor</b> | <b>Date</b>                                                                                 | <b>Cost</b>      |
|--------------------------------------------------------------------------|-------------------|---------------------------------------------------------------------------------------------|------------------|
| <b>BOATING</b>                                                           | Ken Penny         | Tue. Sept. 14 to Dec. 14                                                                    | \$195 Single     |
| Class 1                                                                  | Lorne Wells       | Wed. Sept. 15 to Dec. 15                                                                    | \$320 Couple     |
| Class 2                                                                  | Sandy Wightman    | Wed. Sept. 15 to Dec. 15                                                                    |                  |
| Coastal navigation, cruising skills and CCG Pleasure Craft Operator Card |                   |                                                                                             |                  |
| <b>PILOTING</b>                                                          | Lorne G. Wells    | Tue. Sept. 14 to Dec. 14                                                                    | \$100 Member     |
| Charting, tides and currents, plotting and general seamanship.           |                   |                                                                                             |                  |
| <b>VHS RADIO</b>                                                         | Brian McMurdo     | Tue. Oct. 26 to Nov. 9                                                                      | \$ 45 Member     |
| VHF Radio Talk Course earning Operator Certificate.                      |                   |                                                                                             | \$ 55 Non member |
| <b>NAVIGATING WITH GPS</b>                                               |                   | Wed. Oct. 13 to Oct. 27                                                                     | \$ 45 Member     |
| Andrew Pothier                                                           |                   |                                                                                             | \$ 55 Non member |
| Basics of Global Positioning Systems and Navigation using GPS            |                   |                                                                                             |                  |
| <b>CELESTIAL NAVIGATION</b>                                              | Harald Hanssen    | Wed. Sept. 15 to December 15                                                                | \$150 Member     |
| Note: Additional materials must be purchased.                            |                   |                                                                                             |                  |
| Traditional navigation skills with emphasis on practical applications    |                   |                                                                                             |                  |
| <b>Classes start at 7:00 PM</b>                                          |                   | <b>First day Registration starts at 6:30 PM</b>                                             |                  |
| <b>Classes held at:</b>                                                  |                   | <b>Earl Marriot Secondary School</b>                                                        |                  |
|                                                                          |                   | <b>15751 16th Avenue</b>                                                                    |                  |
|                                                                          |                   | <b>Surrey, B.C.</b>                                                                         |                  |
| <b>Register by mailing cheque to :</b>                                   |                   | <b>White Rock Squadron</b>                                                                  |                  |
|                                                                          |                   | <b>P.O. Box 499, 800 15355 24th Avenue</b>                                                  |                  |
|                                                                          |                   | <b>Surrey, B.C., V4A 2H9</b>                                                                |                  |
| <b>For further information:</b>                                          |                   | <b>Contact the Squadron at 604-515-5566</b>                                                 |                  |
|                                                                          |                   | <b>Training Officer at 604-536-8477</b>                                                     |                  |
|                                                                          |                   | <b>or refer to <a href="http://www.whiterocksquadron.org">www.whiterocksquadron.org</a></b> |                  |

**Our Squadron Auditor, Michael Henry, has left White Rock and moved closer to his family, in Kansas City. We will miss him. He leaves behind many good friends, who wish him all the best and hope that he will stay in touch and visit once in a while.**

**Good luck Mike!**

## THE ROCKS AT NANAIMO'S NEWCASTLE ISLAND PASSAGE

It's a beautiful BC early August summer morning with no clouds to be seen, the temperature is predicted to be in the high 20's or low 30's, and the weatherman predicts 10 to 15 knot winds off Entrance Island . You have just finished your morning coffee anchored peacefully off Nanaimo's Newcastle Island after a blissful previous day hiking the wonderful trails on Newcastle. Your Admiral, the Mrs., and you decide it would be a wonderful day to head into Georgia Straight , run up your sails and get into a great day of sailing.

The windlass works well stowing the rode into its locker and the anchor is weighed and secure. You'll just head north up Newcastle Island Passage, top up with fuel at the Esso, and head out into the strait through Departure Bay. The new Nanaimo to Vancouver catamaran passenger vessel is seen quickly en route to Vancouver. Early morning walkers are on the oceanside promenade.

While observing the collection of visitors' vessels tied up as reciprocals at the Nanaimo Yacht Club you notice a green port hand buoy and a port day beacon on a piling about mid channel about a quarter way along Newcastle Island Passage. You remember your Power and Sail Squadron course so many years ago about "red right returning" rule and assume that as you are leaving Nanaimo's harbour the rule is reversed and thus logically keep the green aids on your right. The can buoy is safely passed. With the day beacon now abeam about 20 feet away you are comfortably passed danger and the fuel dock is next.....WRONG !

A terrible fibreglass on rock sound shutters through your prized 40 footer, you rise up on the rock , heel over hard to the starboard with the tide falling for another 2 1/2 hours, and you are providing the breakfast entertainment for all the crews at the Yacht Club's visitor dock .

The harbour patrol vessel with a TV video crew come by as well as every boater around to offer assistance and gawk at your plight . Collectively you decide to simply wait for the rising tide as there does not appear to be any serious damage other than to your confidence and mojo.

So what went wrong !

Departure Bay and Nanaimo Harbour are in fact two harbours so their connecting channel clearly cannot observe the "red right returning to harbour(port)" rule as when you leave either harbour you are "returning" to the other. Chart 3310 shows a 1:18,000 scale blowup of the area and indicates Oregon and Passage Rocks adjacent the P13 buoy and the day beacon respectively. The flood tide (arrow with tails) is clearly shown flowing north and in this case governs the direction of transit that is considered to be "returning to port" thus green port buoys and day beacons should be kept on your port (left). A check of the chart also clearly shows why the navigation aids are there.

I know of at least one other boat that has hit these rocks having misinterpreted the aids meaning and I witnessed another 40 footer passing between the buoy and day beacon within minutes of the tide releasing its first victim. The channel would be more easily understood, at least by those not completing White Rock Squadron's courses, by introducing a starboard day beacon on the shore of Newcastle island.

Sandy Wightman



## Marine Battery ratings and Inverter requirements

**Amp hours (Ah)** measures the total energy the battery can deliver for 20 hours (temp 22.0 to 25.6 deg. C.), before being discharged to 10.5 volts (dead). This means that a 200 Ah battery can run a 10 A load for 20 hours.  $200/10 = 20$ .

**Reserve minutes** is the number of minutes a battery can run a 25 Amp load (at 26.7 deg. C) until dropping to 10.5 volts, (dead). A deep cycle battery may have a reserve minute rating of 180 minutes, meaning that it will run a 25 Amp. load for 3 hours.

**Cold cranking amps (CCA)** usually applies to starting batteries. It is the number of amps. a battery can deliver for 30 seconds

at 0 deg. F. Marine Cranking Amps MCA is a rate applied to marine batteries but the reference temperature is 32 deg. F. (0 deg. C). Because the MCA refers to a warmer battery the MCA readings are often 20-25% higher than CCA. In each case the reference end voltage is 7.2V.

Engine starting can require 150 to 500 amps (CCA). You should avoid continuous cranking because of the heat generated in the wiring and starting motor can cause extensive damage.

### Inverter & Battery capacity required. (Marine West advisor)

The number of watt hours per day divided by 10 will approximate the number of amp-hours you will consume from your batteries. For example if you operate a 500 watt microwave for an hour you consume 500 watt hours.

$500/10 = 50$  amp-hours of battery power. You should have at least 20% of your inverters rating in amp-hours of battery capacity. I.E. a 1000 watt inverter should have at least 200 amp-hours of batteries to draw upon.

Kevin Dean VE7CFS/VE0MRT

**TO ROLL** To tip from side to side due to sea or swell.

**To lurch** To roll suddenly and heavily.

**To pitch** To tip in a fore-and-aft direction.

**To pitchpole** To tip stern over bow or bow over stern.

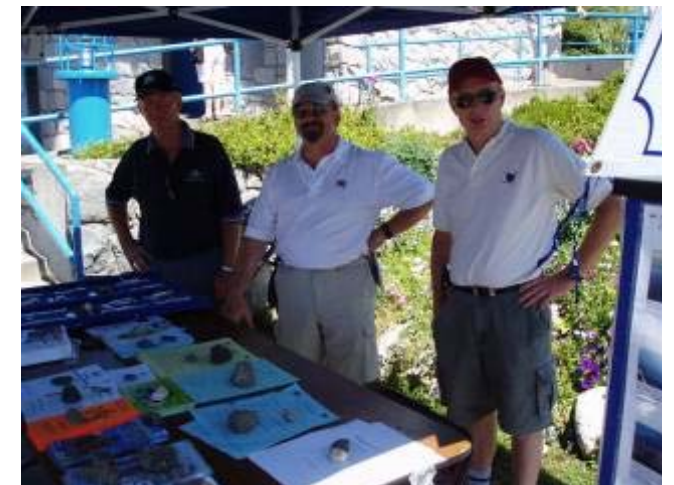
**To plunge** To pitch violently.

**To pound** To slap the waves with the bow when pitching

**To rock** (said only of small boats) To be caused to tip from side to side by the movement of the occupants.

From the book **SAILING LANGUAGE**

## Pictures of the Squadron booth during Spirit of the Sea weekend...



To view more pictures of this weekend, go to [www.whiterocksquadron.org](http://www.whiterocksquadron.org) and follow **Our Photo Gallery** link.

## Cruise Master Reports...



### **EASTER CRUISE TO PORT SIDNEY**

The White Rock Power and Sail Squadron's first cruise of 2004 was to Port Sidney on Vancouver Island to start the 2004 cruising season.

Friday April 9 was a bright and sunny sky which saw four boats arrive at the Port Sidney marina at varying times.

Those in attendance were Freedom Too, Kazbar, Dreamkeeper and Somerwind.

A happy hour with good fun was enjoyed by the participants.

On Saturday, April 10, which was another bright and sunny day, all enjoyed the great area shopping.

A group supper out concluded a wonderful day with all returning to home marinas on Sunday, April 11.

### **TRIO ENJOYS VICTORIA DAY WEEKEND AT THETIS ISLAND**

Heavy rain and some miserable seas greeted those going to Telegraph Harbor on Saturday, May 22

Only three boats made the journey: Freedom Too, Wight Mist and Kitiwake,

Heavy rain and miserable sea conditions made for a ugly crossing but the balance of the day was bright and sunny.

All enjoyed a wonderful happy hour with some evening fun aboard the Wight Mist.

On Sunday, May 23 ladies enjoyed a day trip to Chemanius while Barry, Sandy, and Ken circumnavigated Thetis by dinghy under ideal weather conditions.

All joined up for a potluck dinner and returned home on Monday May 24 -again under ideal conditions.

### **SQUADRON CELEBRATES CANADA DAY IN GANGES...**

Lumpy seas greeted Squadron members traversing the Strait to Saltspring Island on Thursday, July 1 although the skies were bright and sunny.

Ganges Marina was the gathering spot and those in early enjoyed the delights of the seaside community.

Good fun and fellowship prevailed during a happy hour and all enjoyed a wonderful fireworks display over the harbor that evening.

Off and on showers were the order of the day Friday under generally cloudy skies.

Boats attending were Carousel, Kitiwake, Rosemarie, Halifax Jack, Dreamkeeper, Freedom Too, Kazbar, Arendall, Barefoot and Touch of Blue.

A potluck dinner attracted 19 happy participants followed by a crib tournament with prizes for all.

First place honors went to Terry of Kazbar, second to Donna from Dreamkeeper and third place to John from Halifax Jack.

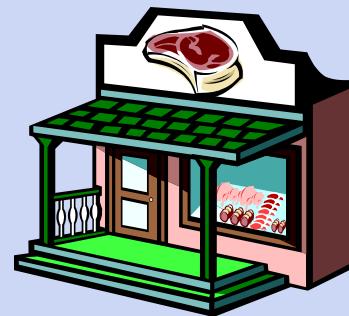
Plenty of fun and stories on Kazbar til early Saturday morning.

Everyone enjoyed the delights of the Ganges market on Saturday and the group broke up as some stayed and others departed to different destinations for Saturday night. Some went to Winter Cove while a group journeyed to Montague. Smooth seas were in order for the return trip on Sunday July 4

Barry Baniulis  
Cruisemaster

## **Meet your new Bridge! Come to our next monthly meeting...**

If you would like to attend one of our Squadron meetings, they are held on the third Monday of every month, at the **ABC Country Restaurant**, 2160 King George Hwy. Dinner starts at 6:30 PM, meeting starts at 7:15 PM. Please call one of the bridge members to confirm.



Find us on the Internet  
[www.whiterocksquadron.org](http://www.whiterocksquadron.org)



Comments , photos and contributions are welcomed.  
Please send them to:  
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Or by email to: [carlos.f@shaw.ca](mailto:carlos.f@shaw.ca)

## Why Celestial Navigation?

I'm hooked. To me, celestial navigation represents the romance and the adventure of the long-gone days of the sailing ships, when much of our world had yet to be explored.

The purpose of celestial navigation, of course, is to solve the age-old problems of knowing one's position and setting a course on the high seas without reference to landmarks. These days, such problems are better solved using satellite navigation technology with an accuracy of just a few metres, in day or night and in any weather. So why bother with a cumbersome methodology that can only be used when the right parts of the horizon and the sky are clear, and is most useful only during twilight?

The answer to that question now needs to be quite a personal one. For me it is another connection to our sea-going history and an opportunity to carry on some of the art and science of it. Today, celestial navigation can be a satisfying intellectual pursuit that is an end in itself. The study of it will surely make one a better navigator, wherever the voyage.

Harald Hanssen, AP

The Phoenix Drug & Alcohol Recovery & Education Society is a Surrey based non profit group that has a very successful program to assist those suffering from addictions. I serve on a committee that is endeavoring to provide Phoenix with a new building designed specifically for their innovative programs. Their new building on 94A Avenue will adjoin Surrey Memorial Hospital and will bring addiction services, a 24 bed treatment center, 50 transitional bachelor suites, and employment and educational services all under one roof. There is a desperate need for addiction treatment ,vocational training, and homelessness solutions and this project will form part of the remedy. Phoenix has a partnership to provide addiction treatment to women with Atira, a well-recognized woman's refuge society.

Phoenix has been selected by VanCity Credit Union as one of 3 finalists for VanCity's \$1,000,000 annual grant. Receipt of the \$1,000,000 would complete our \$5,600,000 campaign to raise funds to build our 33,000 SF center on land we already own. Phoenix, with partner Atira, is the only Surrey based candidate for VanCity's grant. You can help if you are a VanCity member or employee by voting for Phoenix Sept 6 through Oct 15 and by encouraging other VanCity members and employees to do the same. You can vote at branches, on line and by phone.

Sandy Wightman

### You might be from British Columbia if:

1. You know the provincial flower (Mildew)
2. You feel guilty throwing aluminum cans or paper in the trash.
3. Use the statement "sun break" and know what it means.
4. You know more than 10 ways to order coffee.
5. You know more people who own boats than air conditioners.
6. You feel overdressed wearing a suit to a nice restaurant.
7. You stand on a deserted corner in the rain waiting for the "Walk" signal.
8. You consider that if it has no snow, it is not a real mountain.
9. You can taste the difference between Starbucks, Blendz, and Tim Horton's.
10. You know the difference between Chinook, Coho, and Sockeye salmon.
11. You know how to pronounce Squamish, Osoyoos & Nanaimo.
12. You consider swimming an indoor sport.
13. You can tell the difference between Japanese, Chinese, Vietnamese, Korean and Thai food.
14. In winter, you go to work in the dark and come home in the dark - while only working eight-hour days.
15. You never go camping without waterproof matches and a poncho.
16. You are not fazed by "Today's forecast: showers followed by rain," and "Tomorrow's forecast: rain followed by showers."
17. You cannot wait for a day with "showers and sun breaks".
18. You have no concept of humidity without precipitation.
19. You know that Dawson Creek is a town, not a TV show.
20. You can point to at least two ski mountains, even if you cannot see through the cloud cover.

..... and many, many more...