



THE ANCHORLINE

SUMMER 2012



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www.whiterocksquadron.org

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a unit of Canadian Power & Sail Squadrons

CPS CANADIAN SAFE BOATING AWARENESS WEEK

May 26-June 1, 2012

SAFE BOATING KEY MESSAGES

1. Wear Your Lifejacket
2. Don't Drink and Boat
3. Take a Boating Course
4. Be Prepared
5. Beware of Cold Water Risks

For more information visit www.cpsboat.ca

In partnership with Transport Canada



CPS strives to ensure that all Canadians who head out on the water are equipped with the knowledge to have a safe day.

Coming up...

Spring 2012 Graduation: Monday, May 28 7:00 pm
Ocean Promenade Hotel, White Rock

Golf for Vigilant: June 21 Hazelmere Golf and Tennis Club

Cruise to Ganges: Canada Day Weekend

Registration - Fall Courses: mid August on-line

PMD Integrated Squadron Cruise: August 24, 25, 26
Port Browning

Fall Courses: September

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Next Issue August 2012:

- Class schedule / list of courses
- 2012 Spring Grad photos
- Ganges Cruise report
- ? Your boating photos, stories, maintenance hints? Submit to editor@whiterocksquadron.org

Sometimes life's a breeze, sometimes it's a hurricane.

Report to PACIFIC MAINLAND DISTRICT Council Meeting 07 May 2012 Harald Hanssen, Commander, White Rock Squadron

Our winter semester of courses ended on April 25. We have the following results (enrolled/passed): *Boating 29/21; Seamanship 17/14; VHF Marine Radio 19/19; Navigator 9/waiting results; Extended Cruising 1/1; Navigating with GPS 8/5.* Our successful students will receive their certificates at our graduation

ceremony on May 28.

On April 16, White Rock Squadron held its Annual General Meeting. On May 05, we were pleased to have DTO Dave Magnusson represent the PMD Bridge at our very successful Change of Watch.

We had a Squadron cruise to Port Browning over the Easter weekend.

We have planned Squadron cruises to Otter Bay for the May long weekend, to Ganges for July 01 and to Genoa Bay for the Labour Day weekend.

On August 25-26, our Squadron will host PMDs all-Squadron cruise to Port Browning.

PMD Integrated Squadron Cruise

All PMD Squadron members and their guests are invited to attend an integrated cruise at Port Browning Marina during the weekend of August 24, 25 and 26th, 2012. In the last couple of years, Port Browning Marina has upgraded their docks, power supply, washroom and shower facilities. So, please mark these dates on your calendar and come join us for fun and fellowship.

Friday evening will be a meet and greet as our members arrive.

Starting at approximately 1:00 PM Saturday afternoon, a three hour dingy exploration cruise will depart for Bedwell Harbour and return around 4:00 PM. (Hopefully we won't run into Gilligan.)

A potluck dinner will commence at 6:00 PM on the lawn near the fire pit. Members are asked to supply their own main course and one potluck dish to share. BYOB plus plates, cutlery and napkins.

Weather permitting, at dusk on Saturday evening, we will show a movie that will be entertaining for all ages.

NB: Please contact Norm Headrick to reserve your slip. He will need your name, Squadron, telephone number, boat name & length, port or starboard tie, date of arrival and departure.

Norm's email address is nheadrick@shaw.ca

Andrew Pothier

COLD WATER IMMERSION

- from the [Terrace Squadron Website](#) :

"Guest speaker Shane Neifer from Work Safe BC had a good presentation regarding cold water immersion. Have a read on the link below for part of his presentation. It was interesting, seems even though a person may be a good swimmer the cold water in our region would reduce their ability to swim."

[WorkSafe Bulletin WS 04-01 Cold Water Immersion](#)

Did you know...?

Lifejackets have been saving lives for hundreds of years with the first recorded history of use by Norwegian seamen who used simple blocks of wood.

The forerunner of the modern lifejacket was invented by Captain Ward of England. In 1854 he created a cork vest designed to be worn by lifeboat crews for both weather protection and buoyancy.

2012 CRUISE SCHEDULE Barry Baniulis irishromy@shaw.ca or 604-542-0519

Canada Day	Ganges	Saturday, June 30 and Sunday, July 1
PMD Cruise	Port Browning	Saturday, August 25 and Sunday, August 26
Labor Day Weekend	Genoa Bay	Saturday, September 1 and Sunday, September 2

Please note: there is no organized extended cruise in 2012

SQUADRON EASTER CRUISE KICKS OFF BOATING SEASON

White Rock Squadron members met at **Port Browning** marina on North Pender Island April 6 and 7 to celebrate the Easter weekend. Seas were calm and blue skies and sunshine greeted those attending. Participating boats were *Freedom Too, Mariner, Acadia and Carousel* whose crews enjoyed a dock side happy hour although it was cool at times.

Saturday saw many wander around the bay to see the refloating of a 35 foot sailboat which had gone ashore during a winter storm in March. That evening all enjoyed fellowship and a meal at the Port Browning café. All returned to home ports on Sunday.

VICTORIA DAY WEEKEND CELEBRATED AT OTTER BAY

Members of the White Rock Power and Sail Squadron gathered at lovely **Otter Bay** on north Pender Island on Saturday, May 19 to celebrate the Victoria Day weekend.

The seas were smooth and the skies sunny and warm as 24 attended a happy hour on the upper deck overlooking the marina. Acquaintances were renewed and new friendships formed as all enjoyed a variety of appetizers and adult beverages. Boats attending were *Goosebumps, Sortier, Akevitt, Acadia, Kitiwake, Halifax Jack, Perry-Eh, Kazbar, Mama B, Mariner* and *Freedom Too*.

Intrepid golfers hitting the Pender Island course were Chris, Michelle, Geoff, Rob, John, Terry, Barry, Andrew, Brian, Ken and Paul. Great fun and fellowship ensued with great scores being recorded !!!!!!!!!!!

Spring Tides arrived in the afternoon and made 26 for another wonderful potluck at the Otter Bay Marina shelter which was provided at no cost to the Squadron members.

Sunday weather was a warmish but with many light misty showers. The evening crib tournament attracted 20 avid card players with first place honours to John of Halifax Jack, second to Chris of Mama B, third to Michelle of Mama B and fourth to Barbara of Mama B.

Members returned to home marinas on the Monday under rainy skies and often very lumpy seas.

(Otter Bay Cruise photos from Barry on page 4)

MAREP Ken Penny 604-531-5602

MAREP REPORTING IS A SAFETY ISSUE

- See something that is not on the CHART that should be? Report it.
- See something on the CHART but it's not there? Report it.
- How? When? Details in PMD Roster.(2011 issue, page 16)
- Carry a **MAREP Reporting Form** on your boat.
- A printable version is available at: cps-ecp.ca/pacificmainland/ (Ctrl + click to follow link)



Otter Bay Cruise



<http://www.otterbaymarina.ca/>

- Acadia
- Akevitt
- Freedom Too
- Goosebumps
- Halifax Jack
- Kazbar
- Kitiwake
- Mama B
- Mariner
- Perry-Eh
- Sortier
- Spring Tides



Highlights of the 2012 Annual General Meeting, White Rock Power and Sail Squadron held at Windsor Square, Surrey on April 16, 2012

The Annual General Meeting was called to order at 1904 by Commander Andrew Pothier who took the Chair.

Denise Foxall, Secretary, acted as secretary of the Meeting.

The Chairman stated that he had ascertained that there were 22 Members present which constituted a quorum and that therefore, the meeting was properly constituted for the transaction of business.

The Chairman advised the meeting that Notice calling this Annual

General Meeting had been duly given in accordance with the Regulations.

Minutes of the Annual General Meeting held at Windsor Square, Surrey on April 11, 2011.

Denise Foxall advised the meeting that a copy of the Minutes of the Annual General Meeting held on April 11, 2011 had been made available to those present in the room.

On motion duly made by Rick Hepting and seconded by Gerry Durant and unanimously carried the following resolution was passed:

BE IT RESOLVED THAT

The reading of the Minutes of the Annual General Meeting held on April 11, 2011 presented to the Meeting be dispensed with, that these Minutes be approved and that these Minutes be signed by the Chairman and Secretary of this Meeting.

Business arising out of the Minutes The Chairman asked the meeting if there was any business arising out of the Minutes of April 11, 2011 and received a negative reply.

Excerpts from reports...

Commander, Andrew Pothier SN:

It has been a busy and exciting year for me as your Commander. I was proud to represent our Squadron at the National Conference in Halifax and at the various PMD council meetings and I thank you for the opportunity.

Our Squadron maintains the reputation for being very active. This was apparent during the past year with the number of advanced and elective courses we offered. A big thank you for the work that STO Rick and his team did in the training department.

We also have a number of members

who have contributed a huge amount of their time to our Squadron. It is evident with the total of 2306 hours volunteered towards merit marks.

I would now like to thank all those Bridge members who served on the 2011/2012 bridge. [Names were listed by Andrew.]

Training Officer, Rick Hepting:

We had an interesting and exciting year in training. We managed to educate the following number of students during the past year: *Boating Basics (4)*, *Boating (57)*, *Fundamentals of Weather (5)*, *Seamanship (23)*, *Jr. Navigator (8)*, *Maritime Radio VHF/DSC (34)*, *Navigating with GPS (8)*, *Radar (10)*, *Navigator (8)*, for an overall total of 157 students.

As this is my final report, I would like to thank all of the instructors and proctors for without them, we would

not have educated those 157 students.

Thank you, Kent Smith, Phil Kowalski, Mary Brunet, Gerry Durant, Geoff Nunns, Erik Laursen and special thanks to Norm Headrick, Denise Foxall & Andrew Pothier for filling in while Kent and Phil was away, Gerry Spence, Lawrence Parkin, Ken Penny, Brian McMurdo, Andrew Pothier, Carlos Fuenzalida, Roger Gibb, Shirley Shea.

We accomplished a first by having held both Junior Navigator and Navigator classes. I thank and congratulate both Harald Hanssen

and Tom Foxall for doing a great job with a new product.

And finally my very special thanks go to my assistant training officers Gerry Durant and Tom Foxall.

I am pleased to see that your new STO will be Gerry Durant, with assistants Tom Foxall and Geoff Nunns, I am sure they will do an excellent job.

Finally, I thank all of my fellow bridge members for letting me work and learn from them. I have had a great 10 year ride and look forward to be on the outside looking in.

Treasurer, Ted MacKinnon SN:

During this past year, we faced a number of challenges. The country's economic downturn trickled down to pressures upon us, to keep our membership numbers and course registration numbers up. We faced increased cost in a number of areas – HST, re-structure of material & examination fees cost, and cost increases from event suppliers.

Overall, we came through the year very well. Although we had to cancel

a couple of classes due to lack of registrants, and some classes were smaller than usual, our income for course fees was only 5.5% below the average of the last 11 years.

We had a couple of very successful Education Nights that were organized and put on at a minimal cost to us.

Because of our course cancellations this year, we ended up with a fair Stock-on-hand of course materials but expect to use them next year so will not return them.

National continues to do a good job for us in collecting course registrations on-line. They save us a lot of time on registration night and provide a quick turn-around to get the money to us. The reporting systems through WBAS are working well. We continue to make use of PMD Stockpile to get the course materials for the courses they carry – Boating, Marine Radio. [Financial Reports were attached.]

Continued from page 5

Programs Officer, John McLellan:

This year the White Rock Power & Sail Squadron held two Program Sessions: "*Northern Cruise*" hosted very qualified Barry Baniulis featured both narration and delightful pictures [traveling the west coast] and "*An Evening With The Whales*" hosted by the BC Cetacean Sightings Network, (BCCSN). This informative, educational multi-media presentation covered the diversity of cetacean and sea turtle species in BC. Those present, were given tips on identification, threats and what

people can do to help the conservation of these animals. Focus of this presentation specifically highlighted boating guidelines for marine wildlife as well as why the guidelines are important for the animals, and how to best adhere to them.

Capturing the success of [the last presentation] I will attempt to repeat this event with the addition a possible adoption of a resident whale that may form part of an ongoing relationship with BC Cetacean Sightings Network, (BCCSN). However as a follow up to an action item from our last Bridge

meeting we are unable to collect donations for our adoption via the membership renewal process. Further investigation in this matter is required.

We have the opportunity in our second session to offer such varied topics such as weather presented by a local TV personality, a local knowledge night, or a technical session featuring onboard electrical systems to name a few.

In closing I would like that thank our current Bridge and look forward to working with our new Bridge this coming year.

Unfinished Business

The Chairman stated that there was no unfinished business.

Elections

The Chairman stated that it was now appropriate to proceed with the elections, notice of which has been given in the Notice of the Meeting and in the Report of the Nominations Committee which accompanied it.

The Chairman was advised by the Secretary that, in addition to the nominations contained in the Report of the Nominations Committee, a nomination of Norm Headrick for the

position of Executive Officer had been filed with her in accordance with the provisions of the Squadron Regulations.

The following names were formally proposed for election by Past Commander Roger Gibb, Chairman of the Nominations Committee, and seconded by Rick Hepting.

Since there was not more than one candidate for each office, the Chairman directed the Secretary to cast a single ballot for the election of those whose names were before the Meeting. Secretary Denise Foxall cast the single ballot in favour of the

nominations.

Commander Harald Hanssen, then took the chair as Commander, and Denise Foxall acted as the Secretary.

New Business:

The Chairman reminded the meeting that by virtue of their election the following positions have signing authority at the Bank on behalf of the Squadron; all cheques must be signed by any two of: Commander; Executive Officer; Treasurer; Assistant Treasurer.

- NEW publications from Transport Canada at <http://www.tc.gc.ca/eng/marinesafety/debs-obs-resources-publications-menu-696.htm>
- Subscribe to receive the Monthly Notices to Mariners Editions electronically: <http://www.notmar.gc.ca/subscribe/>
- Vancouver Police Marine Division's Jamie Gibson is leaving his post; however, his excellent website can be accessed at www.stolenboats.ca.
- **USA** Dept/ of Homeland Security (click to read) [Pleasure Boat Reporting Requirements](#)
- **USPS Compass** (magazine) ensign@hq.usps.org
Subscribe to **USPS Compass** from the United States Power Squadrons
- <http://www.vancouver.sun.com/Video+Boating+safety+paramount+summer/6666535/story.html>

Click to view



CHANGE of WATCH

May 5, 2012

Chateau Cargill



2012 Change of Watch Head Table

I-r: Gerry Durant, Anne Headrick, Brenda Cowie-Hanssen, Dave Magnusson, Janette Magnusson, Harald Hanssen, Shelley Durant, Norm Headrick, Andrew Pothier MC

At each Annual Change of Watch, White Rock Power and Sail Squadron acknowledges the many volunteer hours that members donate in providing boating knowledge and support. Those volunteers who contribute 20 hours or more during the year receive special acknowledgement by way of a "Merit Mark". Volunteers receiving merit marks this year are (in alphabetical order and their number of years volunteered in brackets): Barry Baniulis (26), Mary Brunet (1), Gerry Durant (8), Denise Foxall (3), Tom Foxall (7), Carlos Fuenzalida (12), Roger Gibb (13), Grant Hadland (4), Harald Hanssen (13), Anne Headrick (25), Norm Headrick (26), Rick Hepting (10), Phil Kowalski (8), Erik Laursen (14), Ted MacKinnon (9), Brian McMurdo (14), John McLellan (6), John Naylor (17), Lawrence Parkin (3), Ken Penny (13), Andrew Pothier (13), Laurel Quelch (3), Shirley Shea (13), Joan Shemly (1), Kent Smith (13), Linda Spence (7), Gerry Spence (8), Trude Spring (1), Ken Tomkow (8), Saacha Vantylor (5).

New volunteers to the 2012-13 Bridge are Arlene Atchison, Geoff Nunns, and Sean Parkinson (2).

Senior boaters 'the problem crowd' for life-jacket use

By [Wade Paterson - Kelowna Capital News](#)

Published: **May 19, 2012 1:00 PM**

Updated: **May 19, 2012 2:06 PM**

Few would argue that wisdom comes with age; however, when it comes to water safety, it doesn't seem to be the case.

Members of the Canadian Power and Sail Squadron, Canadian Coast Guard Auxiliary and Kelowna Yacht Club were at the yacht club docks Saturday, trying to promote the importance of wearing a personal flotation device.

"We're making people aware that life-jackets save lives," said Marguerite Berry, Canadian Power and Sail Squadron commander for Kelowna.

The We Wear It initiative is part of Safe Boating Awareness Week, which runs from May 26 to June 1.

Berry said that they were trying to spread the awareness to all ages, especially seniors.

"The 55-plus crowd is the problem crowd because (some use PFDs) on their boats as seat cushions or rest with them as a pillow."

Younger generations have had better education on the importance of life-jackets; therefore, they're more likely to use them, said Berry.

"Same thing in our cars—(the older) generation rolled around in the front and back seat. When they had children, they all came home in car seats, buckled up.

"Now we are making sure everybody is buckled up. . .we hope the same safety awareness is going to happen on the boat."

Berry admitted that there are still younger boaters who are more concerned about style than safety.

As a solution, the We Wear It promotion showed off a few models of life-jackets that might be deemed "cooler" than standard orange and yellow PFDs.

Mustang Inflatable PFDs are a non-bulky option that contain a CO2 cartridge. When in danger of drowning, the user can pull a cord, which automatically inflates the life-jacket to keep the user's head above water.

There are also pouches, which look like fanny packs, that use the same concept without affecting tan lines.

Berry said Saturday's message was being spread to all boaters, not just those who use motorized vessels.

"Statistics tell us that fatalities are up 56 per cent in paddle boats. All paddle board and canoeing incidents have been greatly increased with fatalities because people are not wearing a life-jacket."

Those who were caught wearing a life-jacket were offered a free hot dog Saturday. Mustang Survival also provided free CO2 cartridges so that the group could give demonstrations of what it looks like to pull the cord on CO2-powered life-jackets.

"We're just hoping that people wear their life-jackets and put them on their children. . .we all want to have a fun day and come back."

CPS Kelowna is a volunteer, nonprofit organization that has been teaching the public safe boating courses at the Kelowna Yacht Club for 51 years.

For more information, visit cpskelowna.ca.
wpaterson@kelownacapnews.com



Members of the Canadian Power and Sail Squadron, the Canadian Coast Guard Auxiliary and the Kelowna Yacht Club, demonstrate the use of a CO2-powered Mustang Inflatable PFD. The crew was at the Kelowna Yacht Club Saturday, promoting the importance of wearing a life jacket. *Wade Paterson/Capital News*



Chilling Facts of Cold Water

Hypothermia. Say it out loud and it's an unpleasant sounding word.

But it has a simple meaning. It's when the core of your body drops to abnormally low body temperatures and if it goes too low and for too long eventually your heart can stop.

Many Canadian boaters are aware of hypothermia but most are not aware that it is the 'final stage' your body reaches after being in cold water. Many people die during the first few minutes of immersion in cold water and they are not hypothermic, they simply drown due to the immediate, involuntary and often deadly effects of cold water.

If you accidentally tumble into cold water, the initial cold shock will make you gasp and if you are underwater you can breath in

about a litre of water. If you are on the surface, your heart rate can skyrocket, your breathing will be uncontrolled and increase as much 600 to 1000 percent. You can expect panic to set in as well. For most, this initial shock will last about a minute and then the breathing will slowly come back under control.

Depending on the water temperature, over the next ten minutes or so you will experience Cold Incapacitation. As your body struggles to preserve its core temperature your limbs will become numb and your ability to self rescue or even simply continue to swim will become impaired. In cold water without a lifejacket, you will eventually

become so incapacitated that you can no longer stay afloat.

If you do have a lifejacket on and have not been able to rescue yourself, even in the coldest water, you can expect to be conscious for about an hour and it will still be some time before you succumb to hypothermia. This will give rescuers plenty of additional time to find and rescue you.

There is one simple preventative measure that anyone can take to avoid drowning in cold water and to keep you floating if you become hypothermic. Wear your lifejacket. It guarantees that you will float, especially in those first critical minutes when just trying to catch your breath and figure out how to rescue yourself.

If you don't wear your lifejacket, it won't work.

The new face on the waterfront are the inflatables; the most comfortable, lightweight lifejackets you can buy and are available in vest or pouch styles. Inflatable jackets come standard with manual inflation, but a few models are available with automatic inflation, which instantly inflates the lifejacket when you hit the water. To meet Canadian Small Vessel Regulations, inflatable lifejackets must be worn at all times when aboard and underway and may not be worn by a person under the age of 16, or weighing less than 36.3 kilograms.

When choosing a lifejacket follow these simple guidelines: Choose one that is suitable for the activity you are involved in and check the label to make sure that it is Canadian approved and is of the correct size. Finally, make sure it fits snugly.

Eighth Annual GOLF for VIGILANT TOURNAMENT

Thursday, June 21, 2012

Hazelmere Golf and Tennis Club

All proceeds benefit the Canadian Coast Guard Auxiliary Unit 5 - Crescent Beach

Contact [Andrew Pothier](#) for more information

Event Info

Tournament Thursday, June 21, 2012
 Hazelmere Golf and Tennis Club
 18150 8th Avenue
 Surrey, BC

Start 1:00 pm Shotgun Start

Format Texas Scramble

Dinner & Awards 7:00 pm

- ▮ Four Major Prizes for Hole-in-Ones
 - ▮ Putting Contest
 - ▮ 50/50 Draw
 - ▮ Trophies for Longest Drives
 - ▮ Trophies for KP
 - ▮ Trophies for Top Teams
 - ▮ Prizes Galore
- Entry Fee **\$175** includes:
We've kept our 2004 Fees!
- ▮ Green Fee
 - ▮ Power Cart
 - ▮ Snack on the Course
 - ▮ Dinner
 - ▮ Trophies for the Winners
 - ▮ Gifts

All proceeds benefit the Canadian Coast Guard Auxiliary Unit 5 - Crescent Beach

"Golf for Vigilant" Sponsored By



Discover the many sides to Orbit



MEN'S ZONE



All proceeds benefit the Canadian Coast Guard Auxiliary Unit 5



"UPS District 16 would like to extend an invitation to attend the **District 16 Rendezvous June 22 to 24 in Poulosbo**. Please feel free to contact me if you would like any additional information."

P/D/C/ Glen Blake SN, USPS Liaison Officer PMD For Rendezvous information or questions, contact: D/Lt/C Rod Barnes, SN 360-678-6971 E-mail: 7seas@whidbey.net

WR Squadron members: Space is usually available in [The Anchorline](#) for your boating-related advertisement. Size may be limited due to other newsletter content. Contact the editor at editoratwhiterocksquadron.org.



© Marilyn Mitchell



[CPS Advanced Courses: descriptions](#) (ctrl + click to view website)

Seamanship (Formerly Piloting) Recommended Prerequisite: The Boating Course

The Seamanship Course builds on techniques introduced in the Boating Course.

Seamanship uses traditional navigation, GPS fixes, Way Points, along with the introduction of Deviation, in the three homework cruises, and the examination take home cruises.

This course offers: interpretation of charts, the DR plot, bearings, fixes, running fixes, Collision Regulations, and plotting and labeling in True and Magnetic.

Seamanship explains the hazards of weather, wind, waves, tides, and tidal currents and how to deal with them.

When unforeseen circumstances arise such as man-overboard or medical emergencies, the seamanship course helps the student to acquire the skills to deal with life-threatening situations.

Advanced Piloting Recommended Prerequisite: Piloting or Seamanship

A necessary course in advanced coastal navigation for short duration trips out of sight of land, the Advanced Piloting course will give you greater accuracy in positioning and plotting exercises, as well as adherence to standardized labeling. Your chartwork skills will be developed to standards recognized in the maritime industry.

You will be taken out of the realm of conning and visual plotting to coastal cruising out of sight of land, navigating in tidal waters, dealing with current, standing clear of danger, and determining position by visual observation or with the use of electronic devices.

Develop a back-up system to your electronic navigation tools and advance your piloting skills by taking this exciting course.

Junior Navigator Recommended Prerequisite: Advanced Piloting

Junior Navigator is the first of a two-part program of study in offshore (open coast) navigation. It is designed as a practical, how-to course using GPS for offshore navigation with sun sight taking using a sextant as a backup technique. The more advanced techniques for other celestial bodies and sights are for study in the subsequent Navigation Course.

JN subject matter includes: basic concepts of celestial navigation; how to use the mariner's sextant to take sights of the sun; the importance and techniques of accurate time determination; use of the Nautical Almanac: how to reduce sights to establish lines of position (LOPs); and the use of GPS, special charts, plotting sheets and other navigational data for offshore positioning and passage planning.

Navigator Recommended Prerequisite: Junior Navigator

Navigator is the second part of the study of offshore navigation. It further develops the student's skills and understanding of celestial theory. The student is introduced to additional sight reduction techniques for bodies other than the sun. The student develops greater skill and precision in sight taking, positioning and the orderly methods of carrying on the day's work of a navigator at sea.

Of particular interest and importance is the included navigation software that is explained and used for planning and navigating in the offshore environment. Offshore navigation using minimal data and/or equipment, such as when on a disabled vessel or lifeboat, is also covered.

[CPS Electronic Courses:](#) (ctrl + click to view websites)

- Navigating with GPS (Prerequisite: None)
- Electronic Charting (Prerequisite: None)
- Radar for Pleasure Craft (Prerequisite: None)

[CPS Elective Courses:](#)

- Fundamentals of Weather (Prerequisite: None)
 - Global Weather
 - Sailing (Prerequisite: None)
 - Extended Cruising (Prerequisite: None)
 - Boat and Engine Maintenance (Prerequisite: None)
-

White Rock Power and Sail Squadron Bridge Members 2012 — 2013



2012-13 White Rock Power and Sail Bridge Officers attending the Change of Watch on May 5th at the Chateau Cargill

WHITE ROCK POWER & SAIL SQUADRON

BOX 499
800 15355 24 AVE
SURREY BC V4A 2H9
604-515-5566
info@whiterocksquadron.org
www.whiterocksquadron.org

PACIFIC MAINLAND DISTRICT

984 WEST BROADWAY
PO BOX 53523
VANCOUVER BC V5Z 4M6
www.cps-ecp.ca/pacificmainland/

CANADIAN POWER & SAIL SQUADRONS

26 GOLDEN GATE COURT
SCARBOROUGH ON M1P 3A5
1-888-CPS-BOAT (1-888-277-2628)
or (416) 293-2438 (during business hours eastern time)
Fax: (416) 293-2445
hqg@cps-ecp.ca
www.cps-ecp.ca
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Commander	
Harald Hanssen	604-538-7311
Executive Officer	
Norm Headrick	604-531-7425
Training Officer	
Gerry Durant	604-535-3573
Secretary	
Denise Foxall	604-531-2402
Treasurer	
Sean Parkinson	604-535-2682
Public Relations	
John Naylor	604-538-2720
MAREP Officer	
Ken Penny	604-531-5602
Membership	
Norm Headrick	604-531-7425
Ass't. Membership	
Trude Spring	604-531-2375
Editor	
Linda Spence	604-531-9817
Ass't. Editor	
Arlene Atchison	604-780-0341
Communications	
Vacant	
Supply Officer	
Lawrence Parkin	604-538-1016
Environmental	
Vacant	
Cruise Master	
Barry Baniulis	604-542-0519
Programmes	
John McLellan	604-538-6282
Historian	
Joan Shemly	604-510-4991
Web Master	
Harald Hanssen	604-538-7311
Social Events	
Laurel Quelch	604-536-9161
Ass't. Training	
Geoff Nunns	604-862-9650
Ass't. Training	
Tom Foxall	604-531-2402
Member at Large	
Shirley Shea	604-288-7089
Member at Large	
Ken Tomkow	604-536-9420
Past Commander	
Andrew Pothier	604-536-0430