



October 2008

# THE ANCHORLINE

White Rock Power and Sail Squadron, White Rock, BC

## Report from your Commander



At the time of my previous report the sun was shining and we were still boating. Summer is gone and we are about half way through our fall classes.

A special thanks to all of the instructors and proctors. Their dedication and time given is what Power Squadron is all about: "Teaching Safe Boating".

All of our classes are going well. Boat Pro has finished, Navigating with GPS is finished and Marine Radio/VHF has started. Radar starts on November 4 for all those members who have not yet taken a course this year. Please note: this course was originally scheduled for Wednesday evenings but has been re-scheduled for Tuesday evenings.

I am off to the National Annual General Meeting in Windsor, October 23-26 and will be reporting what transpires in the next Anchorline.

Programmes Officer Linda, has arranged a presentation by Denise Stevenson, "Boating in the Antarctic" on Monday, November 3<sup>rd</sup>. I trust you will all be there for this informative and exciting program.

We again have joined with Sur-Del and Langley squadrons for our annual Christmas Dinner & Dance. This year it is on Friday November 28<sup>th</sup> at the Sunrise Banquet Hall, Surrey. This is a great opportunity to meet members from your surrounding squadrons.

Our next Bridge meeting is on Thursday, November 13<sup>th</sup>. We meet on the 2nd Thursday of each month at the ABC restaurant on King George Hwy. Our meetings start at 1900 and of course all members are welcome and encouraged to attend.

Rick Hepting  
Commander

*Happy Halloween!!!*

White Rock Squadron  
2008-2009 Bridge  
[www.whiterocksquadron.org](http://www.whiterocksquadron.org)

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Cruise Master	Barry Baniulis	542-0519	Member-at-Large	Norm Headrick	531-7425

# Christmas Party

Hosted by

Sur-Del, Langley, White Rock  
Squadrons

Dinner - Music - Dancing -Prizes

1900 Friday November 28<sup>th</sup> 2008

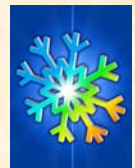
Sunrise Centre

5640 - 188<sup>th</sup> Street, Surrey

Tickets: \$45 per person

Contact Gerry Spence

604-531-9817 email [spencegl@telus.net](mailto:spencegl@telus.net)





**a MUST ATTEND educational evening...**

WHITE ROCK POWER AND SAIL SQUADRON'S EDUCATION EVENING

# Boating in the Antarctic

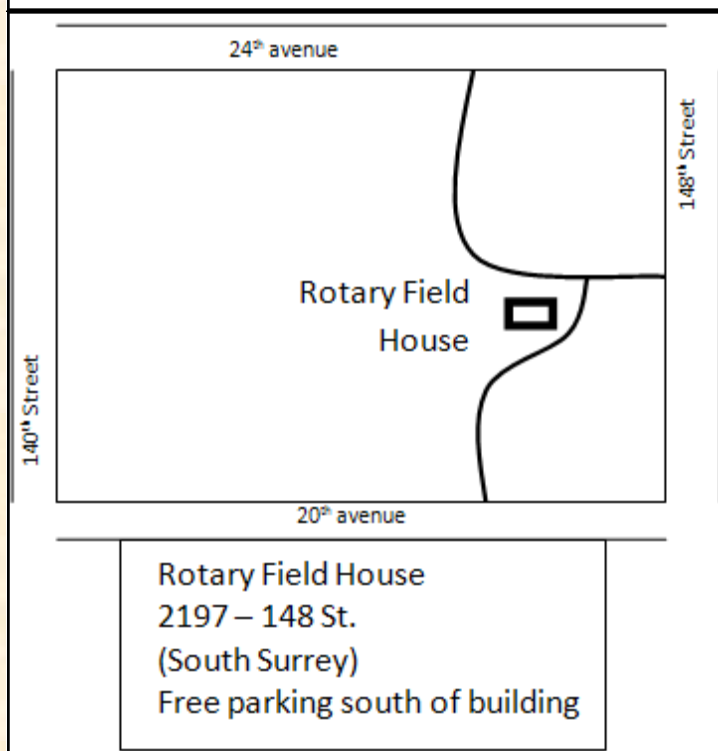
*presented by*  
**Denise Stevenson**

Monday evening Nov. 3rd  
1900 (7:00 pm)  
Rotary Field House  
2197 – 148 St. (South Surrey)

R.S.V.P. 604-515-5566 if you think you'll be attending.



10 Port Lockroy Iceberg Alley

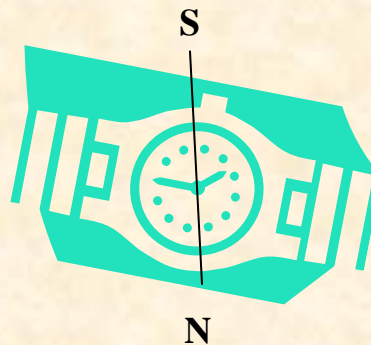


## Tidbits ...

### Fire Extinguishers - What do those numbers mean?

The Underwriters Laboratories rate fire extinguishing capacity in accordance with UL/ANSI 711: Rating and Fire Testing of Fire Extinguishers. The ratings are described using numbers preceding the class letter, such as **1-A:10-B:C**. The number preceding the A multiplied by 1.25 gives the equivalent extinguishing capability in gallons of water for **A** class materials: Wood, paper, cloth, etc. The number preceding the B indicates the size of fire in square feet that an ordinary user should be able to extinguish (Class **B**: Flammable liquids, like diesel fuel, gasoline, etc.) There is no additional rating for class **C**, as it only indicates that the extinguishing agent will not conduct electricity and an extinguisher will never have a rating of just C. Whenever possible, de-energize equipment in electrical fires if safe to do so. On a boat this usually means turning off the ignition or battery switches. At home, turning off the switch, breaker or pulling the plug.

### Help! How do I find North without a compass?



- Using an analog watch, put it on a flat surface aiming the hour hand to the sun. (5 pm on sample above). If on daylight savings time, deduct one hour, so aim the 4 o'clock mark to the sun.
- Divide the angle between the hour hand and the 12 o'clock mark (12 on the watch) so you can find the center point and draw a line passing through the center of the watch. In the above example, the line would fall between 2 and 3. That is the North-South line in the northern hemisphere.
- Now you know where North is... magnetic North that is, but you already knew that, didn't you?

For the southern hemisphere:

- Proceed as above, but aim the 12 o'clock mark to the sun.
- Divide the angle between 12 o'clock and the hour hand to find the North-South line. The top of the line will be pointing North.

### Storm Surge

The greatest potential for loss of life related to a hurricane is from the storm surge!

Storm surge is simply water that is pushed toward the shore by the force of the winds swirling around the storm. This advancing surge combines with the normal tides to create the hurricane storm tide, which can increase the mean water level to heights impacting roads, homes and other critical infrastructure. In addition, wind driven waves are superimposed on the storm tide. This rise in water level can cause severe flooding in coastal areas, particularly when the storm tide coincides with the normal high tides. Because much of the United States' densely populated Atlantic and Gulf Coast coastlines lie less than 10 feet above mean sea level, the danger from storm tides is tremendous.

The storm surge combined with wave action can cause extensive damage, severely erode beaches and coastal highways. With major storm like Katrina, Camille, and Hugo, complete devastation of coastal communities occurred. Many buildings withstand hurricane force winds until their foundations, undermined by erosion, are weakened and fail.







The Leila Merle, new boat of Gary Jackson and Jennifer Cant, stern tied in Princess Bay, Wallace Island



Gary helping a fellow boater back to the fuel dock., making good use of the Samson post.



## White Rock Squadron Summer MAREP Cruise on board the Kitiwake...



A very rewarding experience gathering current navigational information for Canadian Hydrographic Service

# 2009 Cruising Schedule...



Please select cruises from the list below and contact Barry at:  
**Barry Baniulis**  
**214-15150-29A Avenue**  
**Surrey, BC V4P 1H1**  
**604-542-0519**  
**Email:irishromy@shaw.ca**



Join us for fun and fellowship happy hours, potlucks, dinghy explorations, crib tournaments.....  
 Marina moorage is becoming very tight in the summer months. Your immediate attention is requested.

Easter	Port Sidney	April 10 - 11	250-655-3711
Victoria Day	Otter Bay	May 16 - 17	250-629-3579
Canada Day	Ganges	June 30 - July 1	250-537-5242
Long Cruise	Desolation	August 1 - 16	
Labour Day	Genoa Bay	September 5 - 6	800-572-6481

Mark these on your calendar . Please make reservations directly with the marina to secure berth. Indicate you are with the White Rock Power and Sail Squadron.

**Reservations at these marinas may also be made by VHF radio on channel 66A.**

## SUNNY SKIES END SQUADRON CRUISING YEAR

Blue skies and sunshine greeted members of the White Rock Power and Sail Squadron who journeyed to Genoa Bay on Vancouver Island for the September labour day weekend

Participating boats were Acadia, Overbudget, Kitiwake, Carousel, Catherine, Deetour, Smoochee Too, Kazbar, Perry- Eh, Freedom Too and Halifax Jack

Boaters utilized the covered gazebo on the Genoa Bay docks for a wonderful happy hour that again went into overtime.

Several of the boats had crab traps out and caught sufficient to treat all to a wonderful delicacy.

The Genoa Bay Cafe attracted 15 hungry boaters to the patio but cool winds prompted management to provide blankets to those braving the elements.

Sunday saw some dark threatening clouds in the early morning but they gave way to blue skies and wonderful sunshine.

A flotilla of seven dinghys attempted to navigate their way up the Cowichan River but a low tide defeated that pastime although the crew of Freedom Too and Carousel enjoyed a leisurely excursion up a channel pass the Goldstream

Logging operation

The evening potluck attracted 20 and the crib tournament had 16 players spread over four boats.

First place went to Rob of Perry-Eh, second spot to Alex of Smoochee Too and third place to Glen of Deetour.

Plenty of fun on the Acadia till near midnight wrapped up a great day on the water.

All boats departed Monday morning to respective marinas.

Barry Baniulis  
Cruisemaster

## Some dates to remember...

**CPS Annual General Meeting:**

**Boating in Antarctica:**

**Christmas Dinner and Dance:**

**Course Exams:**

**Graduation Ceremony:**

**Seattle Boat Show**

**Vancouver Boat Show**

**October 22 - 25, 2008**

**November 3, 2008**

**November 28, 2008**

**December 9 and 10, 2008**

**January 29, 2009**

**Jan. 23, Feb 1, 2009**

**February 4 - 8, 2009**

**Windsor, Ontario**

**Rotary Field House**

**Sunrise Centre**

**Earl Marriot Secondary**

**Rotary Field House**

**Qwest Field and Lake Union**

**BC Place and False Creek Marina**



## Views from our Fall Classes...



Tuesday night Boating Class



Boat Pro Class



Weather Class



Slave drivers!... relaxing while students write exam ...



Marine Radio Class



Finally!... Coffee time...



# Training Officer Report...

Congratulations to the five Boat-Pro students and the ten GPS students who have passed their respective exams. Radar will be registering November 4th, Weather, Mariner Radio, Advanced Piloting and Boating are still to write.

We are actively promoting our Spring 2009 Courses and look forward to many repeat students to upgrade their knowledge by taking additional courses with us.

Following is our schedule of courses for 2009. Hope to see many old as well as new faces in January.

## 2009 Spring Course Schedule White Rock Power and Sail Squadron

All courses given at Earl Marriott Secondary School, 15751 16th Avenue, South Surrey. Pre-register at our website ([www.whiterocksquadron.org](http://www.whiterocksquadron.org)) or by mailing in your registration form. Pre-registration is highly recommended to ensure a place in your selected class or register at 1830 hours the first evening of the course. Courses are one evening per week, from 1900 to 2100. Prices are subject to change without notice. Courses may be cancelled for lack of registrants or other reasons.

Evening	Course	Starts	Ends	Pre-Requisite	Cost
Tuesday	Boating	Jan. 13	Apr. 21	None	\$275 Singles \$425 Couples
	Global Weather	Jan. 13	Mar. 10	Fundamentals of Weather	\$ 95 CPS Member \$110 Non-Member
	Marine Radio (VHF)	Feb.17	Mar. 10	None	\$ 55 CPS Member \$ 65 Non-Member
	Boat Pro	Jan 13	Jan. 29	None	\$ 60
	Celestial Navigation	Jan. 13	Apr. 21	Advanced Piloting	
	Instructional Techniques	Mar. 24	Apr. 14		
Wednesday	Boating	Jan. 14	Apr. 22	None	\$275 Singles \$425 Couples
	Seamanship	Jan. 14	Apr. 22	Boating	\$120 CPS Member
	Electronic Charting	Jan. 14	Feb. 18	Navigating with GPS	\$ 65 CPS Member \$ 80 Non-Member

Cliff Harvey  
Squadron Training Officer



For a complete list of sewage disposal sites in our areas, go to <http://www.georgiastrait.org/?q=node/564>

If you want to get involved with Georgia Strait Alliance, or for additions and corrections to the list of sites, contact them at [gsa@GeorgiaStrait.org](mailto:gsa@GeorgiaStrait.org)



# Government Liaison Report

On matters of interest to pleasure boaters:

## **Canada Shipping Act 2001**

Small Vessel Regulations now apply to pleasure craft of all sizes, passenger carrying vessels up to 15 gross tonnage (12 passengers or fewer), work boats up to 15 gross tonnage and human powered non-pleasure craft of all sizes.

Pleasure Craft Licenses are valid for ten (10) years from the date of issue, transfer or renewal. Existing licenses without an expiry date are grandfathered. Licenses will continue to be free of charge.

The prohibition on the carriage of propane by passenger-carrying vessels has been relaxed. Such vessels may now carry up to 30 kg. of propane subject to certain safety precautions.

Compliance Notices declaring that new vessels conform to existing construction standards will become the responsibility of the manufacturer/builder. Vessels built by any person for personal use or those of traditional wood construction will be exempt.

New *Regulations for the Prevention of Pollution from Vessels* will repeal and replace the existing *Regulations for the Prevention of Pollution from Ships and for Dangerous Chemicals*. At issue is the definition of “greywater”. International requirements under Annex V of MARPOL include food waste in the definition of “garbage” and is therefore limited to areas outside the territorial sea while the *Regulations for the Prevention of Pollution from Ships and for Dangerous Chemicals* permits the discharge of ground-up food waste. Discussions on this matter have produced a consensus which now defines “greywater” as *any drainage of wastewater, including water with liquefied food wastes, but not including drainage that is a source of sewage, water used to discharge cargo residues and water containing pollutants or any other wastes prescribed in either of the two sets of regulations*. The intent is still to apply these regulations to vessels over 400 tons or that carry more than 15 people.

On this same matter, which falls under Federal jurisdiction, boaters should be aware that the BC Ministry of Environment has given notice that it intends to apply Provincial regulations to marine pollution infractions. Discussions are ongoing between Canada and BC to resolve the situation.

## **Small Vessel & Facility Security**

Since Sept. 11<sup>th</sup>, 2001, Canada has made significant advances in building awareness and establishing a security culture for vessels and facilities regulated by the Marine Transportation Security Regulations. Attention is now being given to the small vessels (including all pleasure craft) that are not subject to the MTSR. Initiatives such as voluntary guidelines, outreach/education programs, waterway watch programs, exclusion zones, etc. will be considered. Waterways such as the Great Lakes and Puget Sound, which are shared with the United States, would undoubtedly be subject to jointly formulated security programs. More information and a stake holder's survey are available at: [www.tc.gc.ca/MarineSecurity/Surveys/DomesticVessel.htm](http://www.tc.gc.ca/MarineSecurity/Surveys/DomesticVessel.htm)

## **2010 Winter Olympics Security**

Plans for security to ensure a safe Olympic games are ongoing although no details are being released at this time. Mariners should be aware that there will be increased water-based patrols of Vancouver Harbour and Howe Sound. The Port will continue operations although there will be waterside security zones established around Olympic venues on or near the water. Disruption is expected to be minimal. Boaters should monitor Channel 16 and Vessel Traffic (11 & 12) throughout the games and during the periods preceding and following them.

## **Marine Weather Forecasts**

Concerns have been expressed regarding the format and accuracy of marine weather forecasts. A letter outlining specific concerns has been written by the co-chair of Canadian Coast Guard Lower Mainland Advisory Council to Environment Canada in hopes of initiating improvement. PMD members with concerns/opinions on this matter should relay them to me at their earliest opportunity.

## **CHS Update**

New edition of Gulf Islands Chart Atlas 3313 should be available for the 2009 Vancouver Boat Show.

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Continued... (Gov't Liaison Report )

A review of Sunshine Coast strip chart 3311 is planned for 2009. Completion in 2010

Sailing Directions will be made available in "Print on Demand" format. Publications will include monthly updates. CHS has endeavored to improve the quality of "Print on Demand" paper charts over the past two years; they believe they are now producing a superior product. User comments are invited.

Shoaling has been detected in the Nanoose Bay area. A Notice to Mariners is pending.

Serious silting is still taking place near the south shore of the Fraser River at the new Golden Ears Bridge. Dredging has been carried out but has not solved the problem. Boaters should be aware that the bottom dries at low water (locally known as Bilfinger Island).

### Vessel Refueling

PMD members should note that the closed Imperial Oil marine fuel docks have not yet been reopened. Some marinas are now posting signs prohibiting refueling of boats on marina property.

P/D/C Jerry Powers, SN  
Government & Industry Liaison

## VENUS

The VENUS project offers a new way of studying the ocean. VENUS makes use of Internet and telecommunications technology to create a permanent link to monitoring instruments on the seafloor. This gives scientists and the public an ongoing way of monitoring the ocean environment.

The name VENUS, short for **V**ictoria **E**xperimental **N**etwork **U**nder the **S**ea, points to its location in southern British Columbia, Canada. As you see on our [Locations](#) page in the [Research](#) section, VENUS aims to study three sites near Victoria, BC: a location in Saanich Inlet north of Victoria, which went into operation in February of 2006; a location near the [Fraser River Delta](#); and a location in the deeper waters of the [Strait of Georgia](#). See the pages on each location to learn about their distinctive properties.

Each location is linked to the Internet with an underwater power and fibre optic [cable](#). [Instruments](#) at each of the three locations are attached by their own cables to a [node](#), which is the interface with the main cable.

The Saanich Inlet location hosts, among other instruments, a [still image camera system](#) and a hydrophone array. The [hydrophone array](#) has two hydrophones for creating audio recordings and a third hydrophone that allows researchers to analyze the intensity of each sound at a given frequency. Sample recordings and plots of sound by frequency are in our [Saanich Inlet sound gallery](#). The still camera system, which can pan, tilt, and zoom, and create short movies, is used for short intervals each day so that the camera's lights do not affect the ecosystem around it. Samples of the images produced can be found in the [Saanich still image gallery](#).

For full details visit <http://www.venus.uvic.ca/>





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



Comments, photos and contributions are welcomed.  
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Surrey, BC V4A 2H9  
604-535-0369  
Or by email to: [white.rock.squadron@shaw.ca](mailto:white.rock.squadron@shaw.ca)

## Semiahmoo Peninsula Marine Rescue Society & CCGA-Unit-5 Crescent Beach.....



SPMRS is a registered charitable organization it is the sole fund raising agency for our Coast Guard Auxiliary unit here in Crescent Beach. Did you know that CCGA-5 Crescent Beach is an all volunteer organization & over 80% of all capital and operating costs are provided by funds raised in our community?

SPMRS & CCGA5 are having one of their 3 annual fund raising events a Concert/Dance this November 29th, in White Rock, with PRISM, legends of the west coast rock scene. PRISM's hits include "Take me to The Captain,"

"Armageddon," "Night to Remember" and others. The Juno winners rock with energy matched only by their exciting showmanship! Corporate tables for this big event are available for a \$1000.00 tax deductible donation to SPMRS. Each table seats eight and you will enjoy prime reserved seating, 2 bottles of wine, and a great rockin' time. Half tables are available on request. Rush tickets @ \$25.00 ea. are available from all CCGA5 members or SPMRS.

Vancouver's PRISM has sold millions of albums, and the success of all: *Epiphany*, *Superstar*, *Armageddon*, *Take Me to the Captain*, *Night to Remember* & *Beastless*. Flying, Take Me to the Captain, Night to Remember and others - all Canadian rock standards.

Winning every award along the way, including Junos for *Album* and *Group of the Year*, Prism's ongoing drive as a live attraction is the stuff of legend. The band rocks with an energy matched only by their exciting showmanship. And now they are coming to White Rock.

**SATURDAY, NOVEMBER 29**  
**STAR OF THE SEA**  
DOORS AND D.J. AT 8:00PM  
BAND ABOUT 10:00 PM  
**COME EARLY - LIMITED SEATING**  
All Proceeds Benefit  
Coast Guard Auxiliary - Crescent Beach  
Tickets \$25  
Available from any CCGA Unit 5 member  
or email [TARA.LUMB@TELUS.NET](mailto:TARA.LUMB@TELUS.NET) or [SPMRS@TELUS.NET](mailto:SPMRS@TELUS.NET)

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[tara\\_lumb@telus.net](mailto:tara_lumb@telus.net) Or phone: Brian McMurdo  
604-531-8141

If you would like to know more about SPMRS, or  
"Friends of Vigilant" email: [spmrs@telus.net](mailto:spmrs@telus.net).

For more information on CCGA-Unit5  
[cga5@live.com](mailto:cga5@live.com)