



Ottawa Power and Sail Squadron Rideau Ripples December 09/January 2010



Commander's Comments

As I prepare this short message, the snow is on the ground and it is -29C with the wind-chill. It is an understatement to say that I look back with fondness on our "rainy summer" when the grass was green and the boats were floating, rather than being up on blocks. It would be a little depressing if we couldn't look forward to the fact that we will all be launching our boats about 4½ months from now. You have to have an optimistic outlook to survive this country's weather. Either that or go south for several months.

On behalf of the members of the Bridge, I would like to wish every member of the Squadron and their families a happy holiday, a very merry Christmas and a happy and prosperous New Year. We all trust that you and your families will have a safe and enjoyable holiday as 2009 comes to a close.

Some of us make New Year's resolutions and most of us break the New Year's resolutions not too far into the New Year. Of the New Year's resolutions that the members of the Squadron will make going into 2010, I would ask that you consider the following resolutions for 2010; namely:

- (a) I will renew my membership in the Canadian Power and Sail Squadrons as soon as possible after receiving the renewal notice;
- (b) I will actively participate in the activities of the Ottawa Power & Sail Squadron and will encourage other members to do the same;
- (c) I will volunteer some time to the Ottawa Power & Sail Squadron so that it can continue to actively foster boating safety;
- (d) I will take one of the courses offered by the

Ottawa Power & Sail Squadron and/or encourage other members of my family and/or friends to consider taking a course;
(e) I will strive to be a better boater in 2010.

In order to attract people to the courses offered by the Squadron, the Squadron needs two or three people to volunteer 5 or 10 hours each during the course of 2010 to act as a Public Relations Committee. The task of the Public Relations Committee would be to identify methods by which the Squadron could advertise its courses and its activities to a wide group of individuals. As an example, the Public Relations Committee would identify community newspapers in which advertising might take place, bulletin boards and retail establishments, libraries, schools and the like where Squadron information might be placed and other areas where information can be placed that would bring the Squadron and the Squadron's activities to the attention of the public. If anyone is prepared to be part of the Public Relations Committee, I would appreciate hearing from them.

As Commander of the Squadron, I wish each and every member of the Squadron a happy holiday and a joyous New Year.

Bryan A. Carroll, Commander – O.P.S.S.

commander@cps-ottawa.com





Ottawa Power and Sail Squadron

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The 2009 – 2010 Bridge

<u>Squadron Commander</u>	Cdr Bryan Carroll
<u>Executive Officer</u>	Guy Ladoucer
<u>Treasurer</u>	Don Partridge
<u>Training Officer</u>	Jim MacLeod, SN
<u>Assistant Training Officer (Adv/Elective)</u>	Robin Craig
<u>Assistant Training Officer (BoatPro)</u>	Rolly Nantel
<u>Assistant Training Officer (Supply)</u>	Monique Vallieres
<u>Archivist</u>	Position Open
<u>Membership Officer</u>	Terry Hamilton
<u>Environmental Affairs Officer</u>	Nick Baets
<u>Regalia Officer</u>	Al Syberg
<u>Secretary</u>	Sue Baker, SN
<u>Communications Officer</u>	Frank Keating
<u>Social Activities Officer</u>	Fred Cameron
<u>Mailing Officer</u>	Marjorie Ladouceur
<u>MAREP & Safety Officer</u>	Bill Kerr
<u>Rideau Ripples Editor</u>	Steve Lortie
<u>Public Relations / Marketing Officer</u>	Position Open
<u>Past Commander</u>	P/C Gordon Abry
<u>Squadron Examiner</u>	Jim MacLeod, SN
<u>Squadron Financial Review Rep</u>	Don Tanner
<u>Webmaster</u>	Phillip Harris

Squadron Mailing Address

Ottawa Power and Sail Squadron

P.O. Box 8481 Terminal 'T'

Ottawa Ontario, K1G 3H9

Squadron Answering Machine – (613) 567-3265

Commander
Cdr. Bryan Carroll
(613)787-3506

Supply Officer
Monique Vallieres
(613) 741-6444

Social Activities Officer
Fred Cameron
(613) 745-5188

Rideau Ripples Editor
Steve Lortie
(613) 592-2122

Squadron Events Calendar

Tuesday, 5 January 2010 - Bridge meeting. At Robbie's Italian Restaurant, 1531 St. Laurent Blvd. Informal dinner at 1800 hours, meeting starts at 1900 hours. All welcome to attend.

Thursday, 7 January 2010 - Info Night, Promoting the Thousand Islands with Michelle Caron. At Robbie's Italian Restaurant, 1531 St Laurent Blvd. Starts at 7 p.m. (1900 hours).

Tuesday, 2 February 2010 - Bridge meeting. At Robbie's Italian Restaurant, 1531 St. Laurent Blvd. Informal dinner at 1800 hours, meeting starts at 1900 hours. All welcome to attend.

Saturday, 27 February 2010 - Squadron Annual Dinner. Presenter will be Ken Potter, Manager, of Marine Investigation Operations with the Transportation Safety Board (TSB).

Tuesday, 2 March 2010 - Bridge meeting. At Robbie's Italian Restaurant, 1531 St. Laurent Blvd. Informal dinner at 1800 hours, meeting starts at 1900 hours. All welcome to attend.

Tuesday, 6 April 2010 - Bridge meeting. At Robbie's Italian Restaurant, 1531 St. Laurent Blvd. Informal dinner at 1800 hours, meeting starts at 1900 hours. All welcome to attend.

Thursday, 15 April 2010 - Squadron AGM. Details to be announced.

[Please watch the website for upcoming social events.](#)

Fred Cameron, Social Activities Officer

social@cps-ottawa.com



Use Solar Power

Mariners have long harnessed the power of the sun, yet another simple means to reduce our reliance on fossil fuels. In this article I'll look at using the sun's power for electrical generation. The basic elements of a solar electric energy system require a collector system, a storage system and some means of regulating or controlling the energy produced. The principal drawback of solar energy is that it requires sunlight which varies depending on hours (time of



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year) and climate of your geographic location. It may surprise you that the photovoltaic effect, which converts sunlight into electrical energy, was discovered in 1839 by the French physicist A.E. Becquerel. One hundred years later, Bell Labs scientist Russell Ohl discovered the photovoltaic properties of silicon and created the first photovoltaic cell.

Onboard Solar Systems

Initially, recreational boaters looked to solar energy as a means of trickle-charging batteries and reducing the load of energy hungry electronics and other devices. But new developments in solar technologies, like diesel-solar-electric hybrid systems capable of powering boats under solar power alone mean that solar energy has a promising future for boaters. The most important aspect of designing a solar system for your boat is determining the demand you place on your electrical system. Your electrical demand is the number of amp-hours per day you require to run all electrical driven equipment aboard your boat. GPS, radar, radios, chart plotters, auto pilot, running lights, etc. This energy is normally drawn from your batteries and is replaced when running your engine, your generator (if so equipped) or by shore power in harbour. All of these methods by enlarge use fossil fuels. A solar energy system, on the other hand, uses a photovoltaic cell to produce the electricity that replaces the energy you withdrew from your batteries. This is why you must size your solar system to the energy demands of your boat. Look at your sailing habits. If you are strictly a day sailor and run your engine say one hours just to get out and in of port, your needs will be different than if you make cruises of several days or weeks.

Steps You Can Take

Want to install a solar system on your boat? Consider the following steps:

- Use a solar power load calculator to determine the size of the solar system you will need. As a rule of thumb, a 150 mA panel will charge a 75 Ah battery, a 1500 mA panel will keep a big battery bank fully charged.
- Install a charge controller that regulates the electrical output as they feed into your batteries. This will prevent overcharging.
- Size your battery system to meet the capacity of your solar cells.
- Choose a location for your solar panels that maximizes the sunlight and is out of the way of important equipment. For maximum benefit

aim the panel perpendicular to the sun's rays, any obstructions will reduce the output.

- Choose a panel type that best works for you. They come in fixed, folding & flexible models.
- Pick a mounting that best works for the location you have selected. There are Flat mounts, Rail mounts, Ball & socket mounts or you can hang them suspended (some panels come with grommets).
- Check the internet, a good explanation and do-it-yourself tips are found on West Marine's web-site. Go to Products-Electrical-Charging with Solar Panels. They feature three excellent video clips on Solar Charging, Panel Types and Mounting & Connections.

Excerpt from "Boat Green" 50 Steps Boaters can take to save our waters by Clyde W. Ford. Additional information is from West Marine's web-site. See CPS publication "EnviroBoater" available on the internet. Nick Baets, Environmental Affairs Officer



Sunsei High Output Panels



Sunsei Low Output Panels

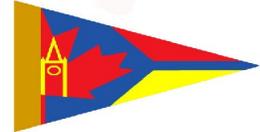
Nick Baets, Environmental Affairs Officer

environmental@cps-ottawa.com



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Cowan Insurance Column

Dear Carla:

What are the deductible options under my CPS policy?

Dear CPS Member:

Medical Payments cover reasonable expenses for medical services not covered by any other health plan, medical benefits or insurance. It covers you, your family members or others for bodily injury while in, upon, boarding or leaving your boat. Some examples are first aid; medical, surgical or dental services; or ambulance, hospital or funeral services. The \$5,000 coverage is for any one accident.

Dear Carla:

If I sold my boat, what are the cancellation procedures?

Dear CPS Member:

We will need a request in writing to cancel the policy and the date you would like it cancelled. If there are more than one named insured on the policy, all signatures are required. If the cancellation is done mid-term, there will be a small fee. If it is cancelled on renewal, there will be no fee.

Do you have a general or very specific insurance question? If so, please email me:

carla.lettenbauer@cowangroup.ca

ARE YOU GETTING A DISCOUNT ON YOUR HOME & AUTO INSURANCE?

You should be! CPS members have access to discounted group insurance rates. Find out how much money you can save. Just contact Aviva Traders at 1-877-787-7021 or visit <http://www.avivatraders.com/cps>.

We encourage you to share any stories or ask any insurance-related questions. Please email: carla.lettenbauer@cowangroup.ca



Upcoming Courses

Start times and Registration: Unless indicated otherwise, all courses will start at 7:00 pm. **Course Registration will be held on 06 January 2010** for the Winter courses at St. Patrick' High School starting at 7:00pm. Course sessions usually last about two hours.

Course Location: Unless indicated otherwise, registration and courses will be held at:

St. Patrick's High School
2525 Alta Vista Drive
Ottawa, ON K1V 7T3

Need a map?

www.cps-ottawa.com/images/St.Patricks.jpg

Rooms that will be used are: 227, 229, and 230

WINTER

Boating Course: Wednesdays 13 January to 14 April 2010

Seamanship: Wednesdays, 13 January to 07 April 2010

Advanced Piloting: Wednesdays, 13 January to 14 April 2010

SPRING

Registration: At St. Patrick's High School on Wednesday 03 March 2009 at 7:00pm

Navigating with GPS: Wednesdays, 05 May to 19 May 2010





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2009 - 2010 BOATPRO COURSE DATES AND INFORMATION

Branch	Day Of Week	First Class	Second Class	Last Class
North Gloucester	Tues	12-Jan-10	19-Jan-10	26-Jan-10
Alta Vista	Wed	10-Feb-10	17-Feb-10	24-Feb-10
Blackburn Hamlet	Thur	11-Mar-10	18-Mar-10	25-Mar-10
Nepean CentrepoinTE	Tues	16-Mar-10	23-Mar-10	30-Mar-10
Blackburn Hamlet	Tues	13-Apr-10	20-Apr-10	27-Apr-10
Nepean CentrepoinTE	Wed	14-Apr-10	21-Apr-10	28-Apr-10
Blackburn Hamlet	Tues	11-May-10	18-May-10	25-May-10
Alta Vista	Wed	12-May-10	19-May-10	26-May-10
Manotic	Thur	13-May-10	20-May-10	27-May-10

Courses given at the Ottawa Public Library Branches start at 18:30 and run to 20:30. Arrive at 18:00 on the first night to complete the registration process. Fees include course materials, (PCOC) examination, and the Pleasure Craft Operators Certificate.

For ON LINE Registration, visit the website <http://www.cps-ottawa.com/courses.html>

Course Price: \$50.00 for adults and \$45.00 for students. Payment may be made in Cash, Cheque, Visa or MasterCard. Please make cheques payable to "Ottawa Power and Sail Squadron".

COURSE DESCRIPTION: 3 two-hour weekly sessions.

This Canadian Coast Guard accredited course is designed for you and your family to obtain a Pleasure Craft Operator Card (PCOC), the proof of competency required under government regulation. It is also recognized by the National Association of State Boating Law Administrators (USA). This operator card is valid for life.

Boat Pro is a highly acclaimed safety related course held in three sessions, over consecutive weeks. Boat Pro is suitable for fishermen, cottagers, and Personal Watercraft boaters. This course provides an excellent introduction to water safety for all members of the family. We encourage youth from age twelve and over to participate and obtain their PCOC. Everyone who operates a pleasure craft fitted with a motor and used for recreational purposes will require a PCOC after September 15, 2009. Until that time, you need a PCOC if your craft is less than 4 metres in length, or if you were born after April 1, 1983.

Alta Vista - (South end)	516 Alta Vista	Ottawa, ON	K1V 7T1 613-737-2837
Blackburn Hamlet - (East end)	199 Glen Park	Ottawa ON	K1B 5B8 613-824-6926
CentrepoinTE - (West end)	101 CentrepoinTE	Ottawa ON	K2G 5K7 613-580-2710
Manotick - (River Rd Sth)	5499 South River Rd.	Ottawa ON	K4M 1J3 613-692-3854
North Gloucester - (East end)	2036 Ogilvie Rd.	Ottawa ON	K4M 1J3 613-692-3854
Orleans - (East end)	05 Orléans	Ottawa ON	K1C 4W2 613-824-1962



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