



Professional Engineers
and Geoscientists of BC

September 2011

The 4th Dimension

Association of Professional Engineers and
Geoscientists of BC
Victoria Branch Newsletter
www.apeg.bc.ca/vic

Next Event –

1. Tuesday, November 1st – Presentation on Victoria Rapid Transit by Robert Wickson.
Location: Ambrosia Conference and Event Centre, 638 Fisgard Street.
See page 2 for a list of all events.

Welcome back! I hope you had a wonderful summer break. We've already started this season off with some great events.

August 20th – Nine 'n' Dine –Royal Oak Golf Course

This event was attended by 11 members and guests at the scenic Royal Oak Golf Course. People were split into groups for 9 holes of fun golf. The last group finished just before dusk came so the need for glow-in-the-dark balls was avoided. A delicious barbeque dinner followed; definitely a well earned meal.

September 15th –Tour of Royal Jubilee Hospital

We joined the local ASHRAE Chapter for a tour of the Royal Jubilee Hospital Patient Care Centre. This new facility is striving to achieve a minimum standard of LEED Gold; an interesting feature includes the capture of rain water in cisterns for the surrounding gardens.



Building maintenance personnel toured the 22 participants from the water handling units in the basement (see picture above courtesy of Calvin Tripp) all the way up to the elevator room in the penthouse. The mechanical systems are designed for full redundancy, while the electrical system has three levels of conditionality; if the grid power goes out then a generator ensures all vital electrical systems have power. This new building also incorporates a wired communication network for nurses and a patient tracking system. After the tour ended people re-grouped for a nice dinner at Christie's Pub on Fort Street.
Pamela Schmitt

If you have recently received your P.Eng., P.Geo, EIT or GIT and wish to receive your APEGBC certificate and complimentary dinner at upcoming events, please contact Richard Summers, Branch Chair at Richard.Summers@forces.gc.ca

Next Executive Meetings – meetings are open to all members

Tuesday October 11th Upper Deck – Lower Dining Room – 229 Gorge Road East at 5:30pm. **Note:** the executive meetings are open to all members and pizza is provided.

Wednesday, November 23th, 2011

Tuesday, December 6th, 2011

Tuesday January 23rd, 2012

Tuesday March 6th, 2012

Wednesday April 11th, 2012

Tuesday May 15th, 2012

Upcoming Events

To encourage increase attendance at our events throughout the year, the executive is publishing all events ahead of time. Each event is the responsibility of one of the executive members. So please mark up your calendars with the following dinner meetings and presentations.

Nov 1, 2011	Victoria Rapid Transit	Rob McDermot, Susan Perkins
Nov 30, 2011	Camosun PISE/CARI (Lunch)	Kathy Lokhorst, Peter Fell
Dec 15, 2011	Social Media (Breakfast)	Marcel Gingras, Neils Anthonson
Jan 26, 2012	Robby Burns Night	Tom McLean, Pamela Schmitt
Feb 21 or 22	Games night @ Canoe Club	Magnus McElroy, Kathy Lokhorst
March 31, 2012	Talbot awards	TBD
April 16, 2012	Dockyard tour	Richard Summers, Gordon Porritt
May 24, 2012	Island Farms tour/ AGM	Daphne Sidawa-Wolf, Richard Summers

Tuesday, November 1st, Victoria Rapid Transit Presentation @ Ambrosia Conference and Event Centre, 638 Fisgard Street. Meal starts at **17:30**, Presentation at **19:00**.

Robert Wickson will be presenting on the topic of rapid transit in Victoria. Robert is a partner in Discovery Economic Consulting and is the President of Bike to Work Victoria. Transportation and transit are an important part of everyday life so we encourage you to invite members of the general public to attend.

Note:

Meal and presentation= \$35 Presentation only = \$10.

Registration will be online at APEGBC www.apeg.bc.ca

A Call for Volunteers

If you are interested in joining the Branch Executive or know of potential candidates please forward these names to the Branch Chair Richard Summers or contact any member of the executive (see last page of newsletter).

February 15th, 2011 –Tour of Schneider Electric

APEG Victoria visited Schneider Electric on February 15, 2011. Over 60 people participated in the dinner event and tour of their Keating Crossroad facilities in Saanichton. Schneider is present in 190 countries and describes itself as 'the global specialist in energy management'. They report that world energy consumption has risen 45% since 1980 and it is projected to be 70% higher by 2030. Their strategy is to use natural resources, e.g. solar, wind, conventional and run of river hydro, much more productively and efficiently, which is both profitable and better for the environment. Energy efficiency actions can result in up to 30% energy savings using existing technology and help meet greenhouse gas emission reduction targets. Participants enjoyed dinner with colleagues, Schneider staff/management and Immediate Past President of APEGBC, Russ Kinghorn, P.Eng.. Schneider provides integrated solutions for the residential market, buildings, industry & infrastructure, and data centres. Participants heard how the high-tech firm, Power Measurement, first started and then joined Schneider to continue to provide diverse electrical meters. As Schneider, the Keating site was challenged to reduce meter build/delivery time from three weeks to five days. Just in time delivery of materials, careful management of processing lines, strong technical capacity and superb testing to ensure high quality of final product were evident in the tour and discussion. Thanks go to the technical staff at Schneider Electric as well as to Beth Allen and Jane Higgins for helping to pull this extremely successful event together.
Daphne Sidaway-Wolf

April 14th, 2011 –Tour of Canadian Forces Base Esquimalt

On Thursday, April 14, Victoria Branch of APEGBC visited Canadian Forces Base Esquimalt. We began with drinks in the main bar of the Base Wardroom followed by a three course dinner. The food was delicious, the service excellent and the view spectacular. Branch Vice Chair Richard Summers, P.Eng. presented Ms. Jan Abbott, P.Geo. with her certificate. Jan completed a Masters in geography at UVic in 1999 and has since been employed at Terra Remote Sensing Inc. in Sydney. She has a strong interest in GHG management and carbon trading.

During the short walk through the Dockyard the group had the opportunity to view ongoing major reconstruction of the Fleet Maintenance Facility, submarine HMCS VICTORIA readying for departure from dry dock, several warships, and across the harbour, Victoria Shipyards Ltd. new submarine maintenance facility where HMCS CHICOUTIMI is undergoing an extended work period. We were greeted on the flight deck of HMCS WINNIPEG by Lieutenant (N) Jason Barbagallo and Sub-Lieutenants Devin Kester and Shawn Walsh. The two hour tour was an excellent overview of the ship's weapons, technology and crew facilities. We ended with drinks and snacks in the ship's Wardroom courtesy of WINNIPEG. At this point, the Marine Systems Engineer, Lieutenant(N) Suzanne Grandia took interested participants on more detailed tours of the machinery spaces while our hosts answered questions on ship's routines, career patterns, discipline and other naval topics.

This was a well attended event with 43 participants who certainly seemed interested in the technical aspects of a modern Canadian warship. Perhaps the real benefit of this tour was meeting some of the professionals who make up our Navy and having a chance to learn about their very challenging jobs.

Richard Summers

LETTERS TO THE EDITOR:

A section in our newsletter where we publish letters from our members. The opinions of our members are not endorsed by our editor, our chapter nor APEGBC. Please submit your letters/comments on any subject related to our profession to vic@apeg.bc.ca and limit to 250 words.

Announcement

At the BC Building Envelope Council (BCBEC) Annual General Meeting and seminar held in Vancouver on September 21st Martin Gevers, P. Eng, B.E.P. retired as director. Martin was a founding member of the BCBEC in the fall of 1988 and has been a director on and off since that time including the following involvement:

1988 – 1999 Director at Large

1994 - 1999 Education Director while starting the Building Science Option for BCIT's Building Technology Diploma Program

2004 – 2011 Vancouver Island Chapter Director.

Although Martin has left this position he will be using his newfound time to contribute to other philanthropic activities such as:

APEGBC -Victoria Chapter Executive Member at Large

Victoria Ice Hawks Bantam Recreation Hockey Team –Team Manager

Parent to three teenagers.

Other Events**Vancouver Island Chapter of APEGBC**

The VI chapter would like to invite any of the Victoria chapter members to its monthly meetings.

APEGBC

APEGBC puts on a number of seminars and courses throughout the year. Although most of these are on the mainland some are on Vancouver Island. For a complete list and details please go to the APEGBC website at www.apeg.bc.ca

Canadian Geotechnical Society (CGS)

Meetings are normally held the third Friday of each month from September to May, excluding December. For details, the website: is <http://www.cgs.ca/english/reg-div/vic-loc.html#news>.

Engineering Institute of Canada (EIC), Vancouver Island Branch

For information on the next meeting, please link to: <http://civil.camosun.bc.ca/vib-eic/>.

Luncheon Meetings occur on the first Friday of the month (except July and August). For details, call Bruce Barnewall at 356-0762 or e-mail Bruce at bruce.barnewall@gov.bc.ca

The Vancouver Island Advanced Technology Centre (VIATEC)

VIATEC is the conduit that connects people, knowledge and resources to grow a successful technology sector on Vancouver Island. To learn more about VIATEC go to www.viatec.ca.

Advertisements

While APEGBC – Victoria Branch is not in a position to endorse advertisements, we do provide them as a service to our members. The advertising rates are \$200 for eight continuous advertisements and \$30 for a single advertisement.

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Tom McLean, PEng CFP
250.475.3698
tmclean@wellwest.ca

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Career Listings

The **Career Listings** is sent weekly as a service of APEGBC. To receive the career listing email messages, log in to the APEGBC Member Portal and update your profile.

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Science Fair & Special Awards

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