

Shorelines

NEWSLETTER OF THE PROBUS CLUB OF NORTH SHORE VANCOUVER

JULY 2010

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Next Meeting

Monday, July 12th, 2010

with speaker

Dr. James R. McFarlane, O.C., C.D., P.Eng., FCAE
Founder & President, International Submarine Engineering Ltd.

“Voyages to the Bottom of the Seas”

Dr. McFarlane served in the Canadian Armed Forces, both afloat and ashore. During this 18 year period he held, among others, the positions of Special Projects Officer, Senior Structural Engineer and Staff Officer Construction on the staff of the Canadian Naval Submarine Technical Representatives with technical responsibilities related to the Canada Oberon Class submarines built in England. He also obtained bridge and engine room watch keeping tickets. On his return from England he was appointed Senior Structural Engineer and Project System Engineer for a diving tender and Project Manager for the SDL-I Diver Lockout Submersible.

Following his retirement from the Canadian Forces as a Lieutenant Commander, Dr. McFarlane joined International Hydrodynamics as Vice President of Engineering and Operations. In this capacity he had personal responsibility for development, construction, trials and operations of the company's submersibles, their ancillary equipment and launch and recovery systems.

Dr. McFarlane is the founder and current president of ISE since 1974 and has been involved with the design, construction, and operation of manned, tethered and untethered Remotely Operated Vehicles as well as subsystems of these vehicles including manipulators and computer control systems. Since that time, he has been a part of engineering teams that have built over 400 robotic manipulators and over 200 vehicles.

Dr. McFarlane is the author of many papers on submarines, manned submersibles, ROVs and AUVs (Autonomous Underwater Vehicles). He has also made keynote presentations in Europe, Southeast Asia, USA and Canada. He has served on many committees for international meetings and as a guest speaker at many conferences. He has also received many awards.
<http://www.ise.bc.ca/index.html>

August Meeting

Monday, August 9th

Herb Grubel, Professor Emeritus, Economics, SFU

“Immigration”

Last Month Speaker



David Osoba thanks speaker Steve Davis

Steve Davis provided a very thorough talk about the Independent Power Producers (IPP) within the context of overall electric power production and usage in the Province of BC. Steve is a civil engineer and MMA and has been very involved in this sector for nearly 20 years.

BC is in the middle of much change in the energy sector. Starting at the top we have a new Minister of Energy, Bill Bennett, a new Deputy Minister of Energy and a new President of BC Hydro. Even the Chair of BC Hydro is fairly new (Dan Doyle who spoke to us last month). BC Hydro and BC Transmission, which were only split apart 8 years ago have been reunited, and Site C has been announced again. IPPs have been both booming and bustling with many new contracts being awarded by BC Hydro. However, many are also in trouble.

Currently BC produces about 55,000 GWhours of electricity per year of which 93% comes from hydro. In addition, BC also imports about a net of 10% more electricity, mainly-coal produced, from our neighbours. BC Hydro produces about 80% of our needs(45 sites), IPPs produce 12%(62 sites) and self generators produce 8%. The IPPs 62 sites are mainly small hydro (50) and the rest are biomass/gas with only one wind. Getting an IPP into production is a long and arduous road with many drop-outs along the way.

Current power in BC costs about 4 to 6 cents a KWattHour mainly due to the old, cheap power-producing dams built many years ago, but the cost of new power from either Site C or the IPPs is in the 10 cent range.

Steve illustrated his talk with pictures of many of the IPPs in the province (*click on the link to view the slide show*) <http://www.probus-northshorevancouver.ca/speakers.htm> Since 2001 there have been over 500 water licences and

250 wind licences issued.

The current projection of electricity supply and demand show us behind by 10% and this gap is continuing to grow, even with the introduction of Site C. The projections do not take into account the growth in electric vehicles.

Steve gave us 20 reasons why IPPs are not the bad bogey men in the province and why they are filling a great need and taking lots of risks in getting into production. There is a potential export market on the horizon which could be 10 times the size of the BC current market, but the current group of IPPs are only for the BC Market.

In summary:

BC has lots of clean energy resources.

BC's growing electricity demand will to be met by conservation, plus Site C/Revelstoke/Mica and IPPs

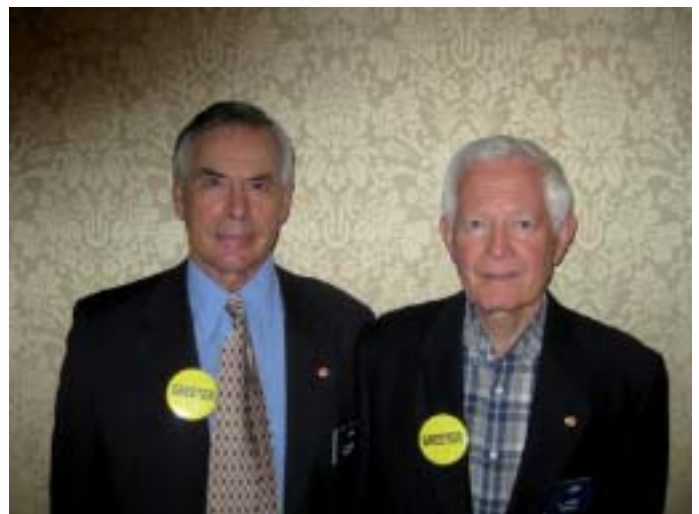
The export market could be big, but not easy.

Recent news contains both bearish and bullish stories.

The New Clean Energy Act plus \$13 billion in BC Hydro and IPP projects means more news is coming.

Gordon Adair

June Greeters



Jon Strom and Les Janz

New Members Welcomed and Introduced at June Meeting



Peter Bagshaw
Sales/Marketing



David Gray
Family Physician



Rick Smyth
Water Treatment



Wayne Williams
Real Estate

Brief Backgrounds of a Few of Our Recent New Members



Peter Grantham (*member since May 2010*) was born and educated in Vancouver and he has lived in West Vancouver since 1990. He graduated from UBC with a BA in 1954 and an MD in 1958 and practiced as a Family Physician in Vancouver. Peter was Founding Professor of Family Practice at two medical schools: UBC in 1978 and United Arab Emirates University in 1988. He is Emeritus Professor at UBC, and is semi retired, restricting his practice to patients in nursing homes.



Doug Scarlett (*member since December 2009*) was born in Vancouver and has lived in West Vancouver since 1983. He graduated from UBC with a B. Comm. in 1965 and B. Law in 1970. After several years articling and serving with various Vancouver law firms Doug formed a partnership with a number of other lawyers eventually becoming Scarlett, Manson and Angus, a general practice law firm in Vancouver, from which he retired in 2006.



Richard Smyth (*member since February 2010*) was born in Montreal. He graduated from McGill University with a BA in 1968 and an MBA in 1975. Richard has spent most of his career in the water treatment chemical and equipment business, initially in Montreal. In 1991 with partners he formed Sanitherm Engineering on the North Shore which supplied and installed water and wastewater treatment equipment facilities in Canada and in many foreign locations. He sold the business and retired in 2008.

Special Events - Bard on the Beach



“Much Ado About Nothing” - Wednesday, August 11th
“Falstaff” - Thursday, August 19th
8:00 p.m.

Back by popular demand! We have reserved 30 seats for both productions at a cost of \$35 each. New this year is the group section reserving of seats so that we can enter 30 minutes prior to the play and sit together. What we need to know now: Who is interested in attending? Either one or both plays. (*spouse is welcome to attend*)

Please email your interest to Malcolm at events@probus-northshorevancouver.ca

*Detailed information will be sent in August to those who register
Visit www.bardonthethebeach.org to view information about the plays*

President's Notes



President David Osoba

*"We are dependent in the beginning and at the end.
While we are independent let us not forget
the nature of dependency."*

Dalai Lama

I was very strongly reminded of the thought in this quotation during this past week while my wife and I visited our aging mothers (now 94 and 98 years old) in Calgary and Edmonton.

It's difficult to watch our parents, on whom we were once dependent, as their health fails and they become dependent on others. As Shakespeare said, they gradually become "*sans teeth, sans eyes, sans taste, sans everything*".

It is no wonder that a person who is completely devoid of hearing, whose memory is undependable and who has lost her husband, feels there is nothing to look forward to and so wants only to die. Death allows one to "*shuffle off this mortal coil*". Even though we understand this wish, it is nevertheless difficult to watch.

Yet, we offer our presence and support and in return we receive a smile and words of gratitude. That makes it better somehow. We know the wheel has turned. Therefore, let us remember the Dalai Lama's thought, for we all are destined to experience it.!

David Osoba



Probus Canada



Probus Rendezvous 2011

Save the Date!

**September 14th to 17th, 2011
Vancouver, British Columbia**

More details to follow in future newsletters!

Meetings

Second Monday of each month, except when changed to avoid conflict with special holidays on that day; in addition, our Christmas Luncheon replaces the December meeting.

Coffee and fellowship: 9:00 am to 9:45 am
Club business and speaker: 9:45 am to 11:30 am

Capilano Golf and Country Club

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<http://www.probus-northshorevancouver.ca/>

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