

CSSE Newsletter

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President's Message

Warm greetings to all members of CSSE/SCIS. I am honored to have been elected by our Board of Directors to serve as your President for 2014/15. For a small organization, CSSE/SCIS has been led by an exceptionally strong team, most of whom have offered to continue serving. We owe a deep debt of gratitude to Past President Jean-Guy René who, together with his charming wife Lise, served as our 2013/14 President unstintingly and gracefully. Jean-Guy will continue to lead a task force on Advocacy Development. Likewise, we are fortunate to have our President Elect John Evans, ever proficient Secretary Bill McRitchie, Treasurer Dick Sorenson, Administrator Gerrie Kautz, Newsletter Editor Arnold Eyre, Webmaster and EIC Liaison Andy Jones, Honours and Awards Committee Chair Jon Jennekens, Nominations Committee Chair and Eminence Grise Ken Putt and our several Regional and Local Directors all willingly continuing in their respective capacities. We especially thank retiring Directors for their contributions and trust that we will continue to have opportunities to enjoy their engagement. We also welcome new Directors Aidan Gordon, Shawna Argue and Chan Wirasinghe and look forward to the growth of active members in Saskatchewan and Alberta.



Colin Smith

2014/15 is off to active start. As a result of our recognition of the Centenary of Canada's Submarine Force at our Victoria AGM, follow on presentations of Citations will be occurring in Victoria, Ottawa and Halifax. I have had the pleasure of meeting with Ottawa members at the Bytown Mess and will be meeting on your behalf with the Navy's Admiralty and CSF leadership as several further celebratory events occur. I was also privileged to be invited by Rear Admiral Dee Mewbourne, Commander, Carrier Strike Group Eleven, to a reception aboard USS Nimitz.

I foresee three priorities for 2014/15 in which all of you can play instrumental roles:

- growing and strengthening our membership - I challenge every member to secure at least one new member in 2014/15 and will ask Bill and Arnold to provide a quarterly report of our progress.
- related to this goal, we would benefit as a national organization to have active meetings of members in Regina, Toronto, and Halifax - whether as standalone meetings or jointly branded with another engineering organization
- advocacy which may include the authoring of a major report (such as our well received Energy Compass report) but very valuably can involve well informed op eds and letters to the editors of our local media; letters to parliamentarians, or jointly attributed submissions to regulatory agencies, etc.

AGM Feature Article

The CSSE-SCIS Board of Directors' Meeting, Annual General Meeting and Awards Dinner were held at the Union Club in Victoria, B.C. on May 3rd 2014. Those in attendance from across Canada were 2013-14 President Jean-Guy Rene' (Chairman), Bill McRitchie (Secretary) and Directors Evans VP East & NL), Gilkie (Maritimes), Ferguson (NS & Hon), Madanda (Montreal), Jennekens (Ontario), Bateman (Manitoba & Hon), Malychuk (Edmonton), Otto (Alberta), Jones (Alberta & Past-President), Wirasinghe (Calgary), Lindsay (Vancouver), Black (Vancouver Island), Putt (VP West), Smith (President-Elect). Additional CSSE-SCIS Members present were George Beer, Gerry Buydens, and Guy Van Uytvens of Victoria and, for the AGM, John Lowe, Edmonton.

The Board Meeting and AGM were held in the morning and Minutes are available from Secretary Bill McRitchie pbmcritchie@shaw.ca

The formal meetings were followed by a chartered coach ride for our out-of-town members and their spouses to the Naden Wardroom (Officers' Mess) at CFB Esquimalt for a luncheon and VICTA* presentation by Dr. Lyle Robertson (Honourary Member), Professor Emeritus, University of Victoria Faculty of Science, and high school science teacher, Andrew Roome who explained how the CSSE-SCIS charitable donations had created a vibrant environment for an expanding suite of participating high schools science classes using CSSE-funded equipment to detect and study cosmic ray incidences.

** VICTA, the Vancouver Island Cosmic ray Time Coincidence Array, has been supported by the CSSE-SCIS since 2005.*

CSSE-SCIS Members Vice Admiral (Ret'd) Nigel Brodeur and Rear Admiral (Ret'd) Richard Greenwood then arranged for the forty CSSE Members and guests to tour various aspects of Canada's Pacific Navy Base in Esquimalt. Members either toured the Fleet Maintenance Facility Cape Breton and HMCS Calgary, Canada's newest completely upgraded frigate or the submarine appropriately named HMCS Victoria and the HMCS Calgary. After the cramped quarters of the Victoria-Class submarine, the Frigate seemed spacious and luxurious with its new squadron command centre, bursting with the latest electronics and computer controls.



Following our Navy Base tour, members and guests were bussed back to the Union Club for the evening's festivities.

The Awards Dinner was attended by 68 Members, spouses and specially-invited guests which was convened to recognize new CSSE-SCIS Fellows and a new Honourary Member. The occasion was used to feature the Centenary of the Canadian Submarine Service. The special guests, past and new President and their wives were formally piped in by piper Angus Macpherson, after which event Co-chair Ken Putt welcomed guests and Director Jon Jennekens said grace.

Following a wonderful Union Club meal, Ken introduced Jean-Guy Rene' who passed the title of President to his replacement, Colin Smith, who thereafter convened the festivities. The new CSSE Fellows present; Black, Buydens, Doetsch, McRitchie and Tiedje, and new Honourary Member Robertson

AGM Feature Article ... (continued)

had their Citations read aloud by their nominators and had their pictures taken with Honours and Awards Chair Jennekens.

Following the CSSE-SCIS awards celebrations, Colin invited the Commandant of Marine Forces Pacific, Rear Admiral William Truelove and the Commandant of Canada's Submarine Force, Captain (N) James Clarke to join Seaspan / Victoria Shipyards Gold Sponsor representative, Vice President Malcolm Barker, on the stage for the unveiling of the CSSE-SCIS plaque commemorating the Centenary of Canada's Submarine Service.

Inscribed on the plaque are the names of all of Canada's submarines and the following words:

***"Presented to
Commander Canadian
Submarine Force Royal
Canadian Navy***

***In commemoration of
the 100th
ANNIVERSARY of the
Canadian Submarine
Service and in
recognition of its unique
and strategic role, and
that of its thousands of
sailors who have served,
and continue to serve, in
advancing Canada's
maritime security and in
inspiring Canada's youth
to explore marine-
oriented science and
engineering"***



Pictured above from left to right :Colin Smith, Malcolm Barker, Jamie Clarke, William Truelove)

Pictured below Colin Smith unveils plaque for Capt. (N) Clarke and Rear Adm. Truelove





Featured Article ... (continued)

After the plaque unveiling, a CSSE-SCIS Submarine Centenary Citation was presented to Royal Canadian Navy Captain Clarke and then to the other invited guests, including Stuart Cameron, President, Submariners Association of Canada (West) and Bob Emery National Past President and Submarine Centenary Chair (shown on the right).

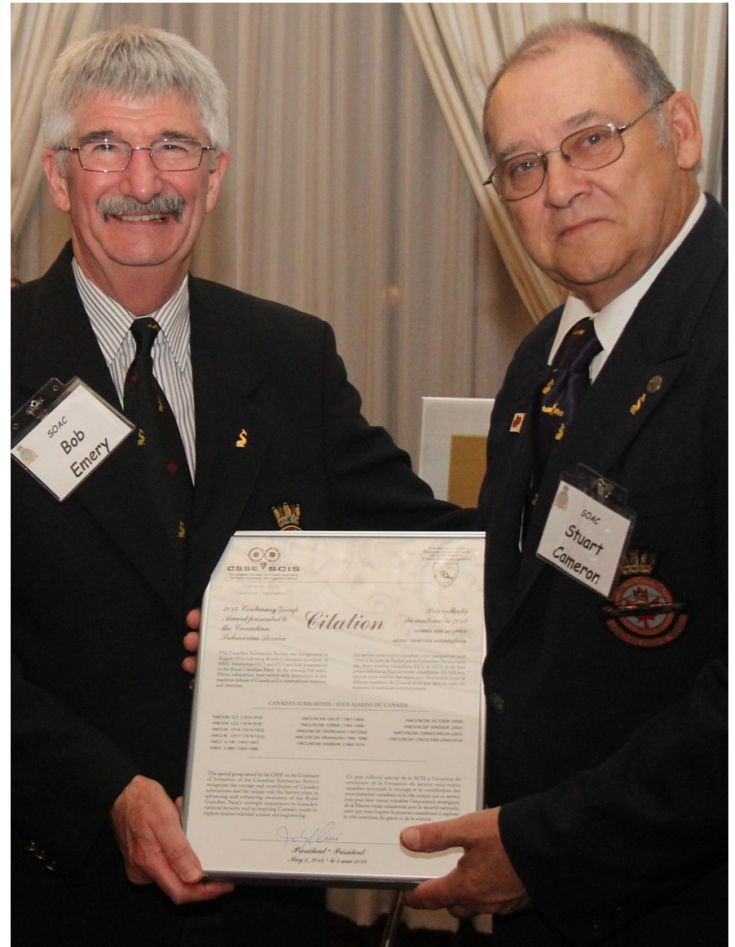
Once the Plaque and Citation presentations were concluded, the event was capped off with a fascinating presentation of the 100-year history of the Canadian Submarine Service. Not known to most was Canada's first two submarines were purchased in Seattle by the Premier of British Columbia and handed over to the RCN off of Esquimalt.

The plot to initiate that purchase was hatched in the Union Club, where we had just dined!

Shown below are CSSE-SCIS President Smith, with Awards Dinner presenter Captain (N) Jamie Clarke, aided by Lt. (N) Tien Nguyen.

The 2014 CSSE Fellows

- **Robin Black** (Victoria, B.C.)
- **Gerry Buydens** (Victoria, B.C.)
- **Wayne Clifton** (Regina, Sask.)
- **Karl Doetsch** (Victoria, B.C.)
- **Richard Fletcher** (Kelowna, B.C.)
- **Robert McDonald** (Regina, Sask.)
- **William (Bill) McRitchie** (Nanaimo, B.C.)
- **Graham Morgan** (Victoria, B.C.)
- **Karim (Kay) Nasser** (Saskatoon, Sask.)
- **Thomas Tiedje** (Victoria, B.C.)



AGM May 30, 2015 in Winnipeg

Len Bateman and Ron Britton are making great headway in planning for the 2015 CSSE Annual Meeting that is scheduled for **May 30, 2015 in Winnipeg**. We encourage members to mark the date on their calendars.

Apart from the regular formalities associated with the AGM, arrangements are being made for a visit to the newly opened Canadian Museum for Human Rights. For those interested in water management/flood control, Winnipeg is the home of the "Floodway" that has been keeping Winnipeg "dry" since the mid 60's. Plan to stay an extra day or two to enjoy what Manitoba has to share.

Watch the **Newsletter** for details as they are finalized.



Members in the News

- **Jerry Cutler** was an invited speaker at the May 22 spring meeting of the American Nuclear Society, Nevada Section. A link to Dr. Cutler's latest published paper is:
<http://rd.springer.com/article/10.1007/s00204-014-1207-9>
- **Eric Newell** was a double award winner for his long time support of education as follows:
 - 1) **Distinguished Friend of Education Award** from the **Council of Advancement and Support of Education (CASE)** that honours advancing education at an educational Institution even though he is not a graduate of same (for his work as Chancellor (now emeritus) of the University of Alberta)
 - 2) **2014 Friend of Education Award** from the **Canadian Council for the Advancement of Education (CCAE)**. The national honour recognizes significant contributions to strengthening partnerships between education and business and commitment to corporate social responsibility.
- **Colin Smith** was newly elected as a Director of the Canadian Academy of Engineering at their AGM in Saint John's NL. **Ken Putt and Kim Sturgess** were re-elected as Directors of the Canadian Academy of Engineering (CAE).
- **Axel Meisen**, as President of the Canadian Commission for UNESCO, the United Nations Educational, Scientific and Cultural Organization, led the national annual conference in Victoria highlighted by a preview opening of the new "Our Living Languages exhibit at the Royal B.C. Museum.

CSSE Charities

The Board of Directors approved funding of the Saskatchewan Science Centre, TRIUMF, VICTA, University of Alberta's Discover E, Alberta Science Literary Council, Scouts Canada STEM initiative. These and the Canada Science Foundation Canada-Wide Science Fair Senior and Junior winners will continue to be recognized in the future if supported by sufficient funding from CSSE-SCIS Member's charitable donations.

Welcome, New/Re-joining Members

- **Ron Brown** (Edmonton, Alta.)
- **Tony Thatcher** (Ottawa, Ont.)
- **Lyle Robertson** (Vancouver, B.C.)

In Memoriam

- **John Wentworth Martin** (Peterborough, Ont.)
- **Kenneth G. Thompson** (Truro, N.S.)



From Sea to Sea to Sea ...

NEWFOUNDLAND AND LABRADOR (Contact: **John Evans**, 13jgevens@gmail.com)

MARITIMES (Contact: **Ron Gilkie**, barkergilkie@ns.sympatico.ca)

QUEBEC PROVINCE (Contact: **Jean-Guy René**, jg.rene@sympatico.ca)

MONTREAL (Contact: **Tom Madanda**, TMadanda@bell.net)

The Montreal chapter meets 2 to 3 times a year, for luncheon at The Royal St. Lawrence Yacht Club, with a guest speaker. In addition, casual get-togethers for lunch every first Monday of the month, at the pub 'Le Manoir'.

ONTARIO (Contact: **Jon Jennekens**, jonorah@rogers.com)

THE GREATER OTTAWA AREA (Contact: **Gerrie Kautz**, gwkautz@rogers.com)

September 16 **Frans Koch**, "World Energy Outlook".

October 21 **Tony Thatcher**, "Warship Disposal Issues".

November 18 **John Goldak**, "Computer Simulation for the Design of Welds".

THE GREATER TORONTO AREA (Contact: **Jerry Cuttler**, jerrycuttler@rogers.com)

MANITOBA (Contact: **Ron Britton**, cssemanitoba@gmail.com)

Fall plans for Manitoba CSSE meetings for 2014/15 are still in the formative stage.

SASKATCHEWAN (Contact: **Pieter Van Vliet**, p.vanvliet@sasktel.net)

ALBERTA (Contact: **Fred Otto**, fotto@interbaun.com)

CALGARY (Contact: **Chan Wirasinghe**, wirasing@ucalgary.ca)

The Calgary chapter meets 9 times a year at the Danish Canadian Club on the 2nd Monday of each month with the exception January, July and August. Meetings are from 11:30 a.m. to 1:00 p.m.

EDMONTON (Contact: **Nick Malychuk**, nmaly@telus.net)

The Edmonton chapter usually meets on the 3rd Thursday of the month, at the Best Western Cedar Park Inn, 5116 Gateway Boulevard, at **11:30 a.m.**, with a buffet lunch at 12:00, followed by a speaker, if one is available.

May 15 **Eric Newell**, Chairman of the Climate Change and Emissions Management Corporation Board (CCEMC), presented "Funding Clean Technology Development".

BRITISH COLUMBIA (Contact: **Ken Putt**, kwputt@shaw.ca)

VANCOUVER (Contact: **Aidan Gordon**, aidan@gordoncrane.com)

The Vancouver chapter normally meets on the 1st Thursday of each month at the Sutton Place Hotel, Burrard Street.

VANCOUVER ISLAND (Contact: **Gerry Buydens**, gbuydens@shaw.ca)

The Vancouver Island chapter gathers for lunch at 11:30 a.m. on the 1st Friday (adjusted for holidays) September through June at The Oak Bay Recreation Centre, Victoria.

September 12 **Spectra Energy**, Speaker TBA, B.C. LNG



Advocacy Committee Workshop Held in Ottawa, July 29th

A group of CSSE members is considering developing a CSSE advocacy paper regarding 1 or 2 of the following 6 topics:

- (1) *The aging of our vital infrastructure and the threat to public safety - an engineering responsibility (contact Jean-Guy René, at jg.rene@sympatico.ca, or 613-821-5273);*
- (2) *The erosion of Canada's manufacturing sector - what can engineers do about it (contact Jean-Guy René);*
- (3) *The role of engineering in mitigating against disasters (contact info@seniorengineers.ca), (or 613-821-5273);*
- (4) *Improvement in national defence procurement (contact Bruce McGibbon at bmcgibb9@rogers.com), (or 613-821-5273);*
- (5) *Re-advancing the Canadian nuclear industry (contact Terry Rogers at tr626262@sympatico.ca) (or 613-821.5273) (or 613-821-5273); and*
- (6) *Updating the CSSE's "Energy Compass" advocacy paper of 2010 (contact Jon Jennekens at jonorah@rogers.com), (or 613 822 8227).*

Members interested in participating to some extent in 1 or more of these 6 topics are invited to contact the applicable members indicated.

The CSSE Website

The CSSE website, <http://www.seniorengineers.ca>, continues to grow and improve. However it is only as successful as the information that is placed there. If you have a photo, not copy righted by others that you have permission to use of a project you worked on and think it would be of interest to others send it to andyjones@explornet.com. If you know of something a CSSE member has done that can be entered into "members spotlight". The site still needs a French language half and anyone who would be willing to help review and edit the copy the Webmaster has to date can contact andyjones@explornet.com.

CSSE Correspondence

All "snail-mail" correspondence, including cheques, and enquiries, should be sent to:

The Canadian Society for Senior Engineers
1717 Lakeshore Drive
Ottawa, Ontario K4P 1H1

Emails to: info@seniorengineers.ca; **Faxes to:** 613-821-0179; and/or **Phone calls:** 613-821-5273.

Dues and donations also can now be paid securely by credit card by going to the "Members" page at the CSSE website: www.seniorengineers.ca.

Editorial Corner

Email your letters (100 words or less, please) to arnoldeyre@hotmail.com or mail or fax them to the CSSE Administration Office; **Faxes to:** 613-821-0179; and/or **Phone calls:** 613-821-5273.

Changed Your Coordinates?

If you have a new mailing (or emailing) address, please inform the CSSE Administration Office.