



Structural Engineers Association of British Columbia

ANNUAL GENERAL MEETING

Thursday, March 10, 2016

Business Agenda

1. Call to Order
2. Approval of Annual General Meeting Minutes, March 4, 2015
3. President's Report
4. Approval of Financial Report for 2015
5. Committee Reports
6. Membership
7. Winner – Young Members Presentation Competition
8. Other Business
9. Acclamation of Directors for 2016
10. Adjournment of Business Session

Keynote Presentation: “Designing with Computers”

Speaker: Tristram Carfrae
Vice-Chairman, Arup, London, UK



Structural Engineers Association of British Columbia

Annual General Meeting Minutes Mar 4, 2015

Time: 6:05 P.M.
Venue: Sutton Place Hotel, 845 Burrard Street, Vancouver, B.C.
Present: **President:** Cameron Kemp (Master of Ceremonies)
Treasurer: Surinder Parmar
Directors: Perry Adebar, Bill Alcock, Renato Camporese, Dave Davey, Tejas Goshalia, Adrian Gyax, David Harvey, Surinder Parmar, Andrew Seeton, John Sherstobitoff, Katherine Thibert
Branch Representatives: Thor Tandy, Meagan Harvey
SEABC members and guests
Regrets: Paul Fast, Leonard Pianaalto, Stephen Pienaar
Total Attendees: 94

1.0 Welcome

President Cameron Kemp welcomed all members and guests to the Annual General Meeting of the SEABC. He gave a special welcome to Chris Wise, Founder of Expedition Engineering and the evening's keynote speaker, and his partner, Catherine Ramsden, to Vancouver and to the meeting.

Cameron thanked this year's AGM sponsors:

- Associated Engineering
- Fast + Epp
- Glotman Simpson Consulting Engineers
- Gyax Engineering Associates
- Masonry Institute of BC
- Metrix Professional Insurance Brokers
- Prokon Software Consultants
- S-Frame Software
- Sacre-Davey Engineering
- Thomas Leung Structural Engineering
- Woodworks BC.

Cameron thanked Stephen Pienaar for once again donating this year's draw prize: a gift certificate worth \$2000 against the purchase of the Prokon Structural Analysis and Design

Software suite. He reminded people to put their business cards in the designated jar for a draw. Stephen had asked that the winner of the prize be a practising structural engineer and one who has not previously won a Prokon gift draw.

Dinner commenced.

2.0 2015 AGM

The meeting started at 6:48 p.m.

Cameron noted that all members have been emailed a copy of the AGM package which included the 2014 AGM meeting minutes, a President's Report for 2014, a Financial Report for 2014, and committee reports summarizing their activities for the last year. Hard copies of this material have been printed and placed on each table for the review of members. It is assumed that members have read the material. Cameron will present highlights of the package in this meeting.

3.0 2014 AGM Minutes

Motion to adopt the minutes of Mar. 5, 2014: Moved, seconded. Motion carried.

4.0 President's Report

Cameron gave the highlights of the President's Report for 2014:

- 2014 was another good year for SEABC.
- At the end of 2014, there were 884 members, with a very even demographic distribution and giving good representation of each of the age groups. This bodes well of the future of SEABC membership.
- SEABC's financial position is also very strong with a balance sheet of approximately \$220,000. This financial strength allows SEABC to carry out many activities that other organizations are not able to do.
- SEABC is in the process of implementing a major upgrade to its website. A dry run will be carried out in the spring, and the official launch will be in September.
- The SEABC has maintained a close relationship with The Institution of Structural Engineers (IStructE) over the years. Cameron congratulated SEABC Director Bill Alcock who was recently elected to the Executive Board of the IStructE.
- The Education Committee remains one of the most active committees with a strong offering of courses and seminars. Seven major events were hosted in 2014, in addition to a number of evening seminars.
- In 2014, the Disaster Response Committee was formed to provide liaison and guidance to the APEGBC and a number of provincial and municipal organizations charged with improving the province's overall disaster response readiness.
- The Structural Practice and Technical Committees continue to provide valuable input to and liaison with the APEGFBC and other external organizations.

- The Young Members Group (YMG) is growing rapidly, enthusiastically planning many activities and seminars for young engineers.
- The Vancouver Island and Okanagan branches are getting busier and attracting more members. Webcasts and webinars, as well as courses taken on the road, engage members beyond the Lower Mainland.
- The Board remains strong and stable. There will be new faces in the Board as existing members step down.

Cameron thanked all volunteers that make up the Board and the committees, saying that the organization will thrive only through the strong participation and enthusiasm of its volunteers. Their efforts and the involvement of members continue to make SEABC a dynamic, vibrant and relevant organization.

5.0 Financial Report: Year ending December 31, 2014

Motion to adopt the Financial Report: Moved, seconded. Motion carried.

6.0 Committee Reports

Committee reports have been included in the package sent to all members. A copy of the package was also made available at each table.

Reports of the following were included in the AGM Package:

- Communications Committee
- Education Committee
- Structural Practice Committee
- Technical Committee
- Young Members Committee
- Webmaster
- Vancouver Island/Victoria Branch
- Okanagan Branch

7.0 Membership

There were 884 members as of the end of 2014. About 90% are BC based; the rest are from other provinces, the US and abroad.

8.0 Young Members Group Presentation Competition Awards

Cameron presented Roxanne Duigou with a cheque for \$1000 for winning the Young Members Presentation Competition. Roxanne gave a condensed version of her winning presentation, "Using Recycled Polystyrene Containers as Building Materials in Haiti."

9.0 Other Business

None raised.

9.0 The 2015 SEABC Executive

By acclamation, the following were elected to the SEABC 2015-2016 Board:

President: Cameron Kemp, P.Eng.

Past President: David Davey, P.Eng.

Treasurer: Surinder Parmar, P.Eng

Directors:

Perry Adabar, P.Eng.

Bill Alcock, P.Eng.

Paul Fast, P.Eng.

Grant Fraser, P.Eng.

Tejas Goshalia, P.Eng.

Adrian Gygax, P.Eng.

David Harvey, P.Eng.

Kitty Leung, P.Eng.

Kevin Riederer, P.Eng.

Andrew Seeton, P.Eng.

John Sherstobitoff, P.Eng.

Thor Tandy is the Vancouver Island/Victoria Branch Representative and Meagan Harvey is the Okanagan Branch Representative.

Meeting adjourned at 7:14 p.m. The meeting was followed by the keynote presentation of Chris Wise, on "They Took a Dead Heap of Stones...".

Minute Taker:

Cecilia Bernabe

SEABC Administrative Assistant

Structural Engineers Association of British Columbia

Annual General Meeting Minutes

Mar 4, 2015

Time: 6:05 P.M.
Venue: Sutton Place Hotel, 845 Burrard Street, Vancouver, B.C.
Present: **President:** Cameron Kemp (Master of Ceremonies)
Treasurer: Surinder Parmar
Directors: Perry Adebar, Bill Alcock, Renato Camporese, Dave Davey, Tejas Goshalia, Adrian Gygax, David Harvey, Surinder Parmar, Andrew Seeton, John Sherstobitoff, Katherine Thibert
Branch Representatives: Thor Tandy, Meagan Harvey
SEABC members and guests
Regrets: Paul Fast, Leonard Pianaalto, Stephen Pienaar
Total Attendees: 94

8.0 Welcome

President Cameron Kemp welcomed all members and guests to the Annual General Meeting of the SEABC. He gave a special welcome to Chris Wise, Founder of Expedition Engineering and the evening's keynote speaker, and his partner, Catherine Ramsden, to Vancouver and to the meeting.

Cameron thanked this year's AGM sponsors:

- Associated Engineering
- Fast + Epp
- Glotman Simpson Consulting Engineers
- Gygax Engineering Associates
- Masonry Institute of BC
- Metrix Professional Insurance Brokers
- Prokon Software Consultants
- S-Frame Software
- Sacre-Davey Engineering
- Thomas Leung Structural Engineering
- Woodworks BC.

Cameron thanked Stephen Pienaar for once again donating this year's draw prize: a gift certificate worth \$2000 against the purchase of the Prokon Structural Analysis and Design Software suite. He reminded people to put their business cards in the designated jar for a draw. Stephen had asked that the winner of the prize be a practising structural engineer and one who has not previously won a Prokon gift draw.

Dinner commenced.

9.0 2015 AGM

The meeting started at 6:48 p.m.

Cameron noted that all members have been emailed a copy of the AGM package which included the 2014 AGM meeting minutes, a President's Report for 2014, a Financial Report for 2014, and committee reports summarizing their activities for the last year. Hard copies of this material have been printed and placed on each table for the review of members. It is assumed that members have read the material. Cameron will present highlights of the package in this meeting.

10.0 2014 AGM Minutes

Motion to adopt the minutes of Mar. 5, 2014: Moved, seconded. Motion carried.

11.0 President's Report

Cameron gave the highlights of the President's Report for 2014:

- 2014 was another good year for SEABC.
- At the end of 2014, there were 884 members, with a very even demographic distribution and giving good representation of each of the age groups. This bodes well of the future of SEABC membership.
- SEABC's financial position is also very strong with a balance sheet of approximately \$220,000. This financial strength allows SEABC to carry out many activities that other organizations are not able to do.
- SEABC is in the process of implementing a major upgrade to its website. A dry run will be carried out in the spring, and the official launch will be in September.
- The SEABC has maintained a close relationship with The Institution of Structural Engineers (IStructE) over the years. Cameron congratulated SEABC Director Bill Alcock who was recently elected to the Executive Board of the IStructE.
- The Education Committee remains one of the most active committees with a strong offering of courses and seminars. Seven major events were hosted in 2014, in addition to a number of evening seminars.
- In 2014, the Disaster Response Committee was formed to provide liaison and guidance to the APEGBC and a number of provincial and municipal organizations charged with improving the province's overall disaster response readiness.
- The Structural Practice and Technical Committees continue to provide valuable input to and liaison with the APEGFBC and other external organizations.
- The Young Members Group (YMG) is growing rapidly, enthusiastically planning many activities and seminars for young engineers.
- The Vancouver Island and Okanagan branches are getting busier and attracting more members. Webcasts and webinars, as well as courses taken on the road, engage members beyond the Lower Mainland.
- The Board remains strong and stable. There will be new faces in the Board as existing members step down.

Cameron thanked all volunteers that make up the Board and the committees, saying that the organization will thrive only through the strong participation and enthusiasm of its volunteers.

Their efforts and the involvement of members continue to make SEABC a dynamic, vibrant and relevant organization.

12.0 Financial Report: Year ending December 31, 2014

Motion to adopt the Financial Report: Moved, seconded. Motion carried.

13.0 Committee Reports

Committee reports have been included in the package sent to all members. A copy of the package was also made available at each table.

Reports of the following were included in the AGM Package:

- Communications Committee
- Education Committee
- Structural Practice Committee
- Technical Committee
- Young Members Committee
- Webmaster
- Vancouver Island/Victoria Branch
- Okanagan Branch

14.0 Membership

There were 884 members as of the end of 2014. About 90% are BC based; the rest are from other provinces, the US and abroad.

8.0 Young Members Group Presentation Competition Awards

Cameron presented Roxanne Duigou with a cheque for \$1000 for winning the Young Members Presentation Competition. Roxanne gave a condensed version of her winning presentation, "Using Recycled Polystyrene Containers as Building Materials in Haiti."

10.0 Other Business

None raised.

9.0 The 2015 SEABC Executive

By acclamation, the following were elected to the SEABC 2015-2016 Board:

President: Cameron Kemp, P.Eng.

Past President: David Davey, P.Eng.

Treasurer: Surinder Parmar, P.Eng.

Directors:

Perry Adabar, P.Eng.

Bill Alcock, P.Eng.

Paul Fast, P.Eng.

Grant Fraser, P.Eng.

Tejas Goshalia, P.Eng.

Adrian Gygax, P.Eng.

David Harvey, P.Eng.

Kitty Leung, P.Eng.

Kevin Riederer, P.Eng.

Andrew Seeton, P.Eng.

John Sherstobitoff, P.Eng.

Thor Tandy is the Vancouver Island/Victoria Branch Representative and Meagan Harvey is the Okanagan Branch Representative.

Meeting adjourned at 7:14 p.m. The meeting was followed by the keynote presentation of Chris Wise, on "They Took a Dead Heap of Stones...".

Minute Taker:

Cecilia Bernabe

SEABC Administrative Assistant

President's Report

SEABC is maturing nicely as an association representing the structural engineers in our province.

2015 was another good year for the SEABC. Our membership roll is holding very steady at just under 900 members with a very even demographic distribution. Our financial position also remains very strong with a balance sheet of approximately \$220,000. This strong position allows us to underwrite our many activities including the Education Committee and our website which are our main avenues for interaction with our members. The following is a brief update on each of the main areas of activity within SEABC:

- *Website update*

We have run into some delays in completing the update to our website due to the programming complexity associated with some of the customization and flexibility we are trying to provide within this update. We are currently acquiring the additional required expertise to help us complete this customization and will keep you informed as to our progress. We are committed to rolling out our updated website as soon as possible.

- *IStructE*

SEABC maintains a close relationship with the UK based Institution of Structural Engineers (IStructE) representing structural engineers around the world and we are pleased that SEABC Director Bill Alcock, sits on the Executive Board of this Institution; a very important role in a prestigious organization.

- *Education Committee*

Our Education Committee remains our most active committee with a superb offering of courses and seminars. Seven major events were hosted in 2015 in addition to a number of evening seminars. All of our major events are recorded and most are webcast which allows online attendance if time and/or distance don't allow people to attend in person. The plans for 2016 include a similar number of events which we are sure you will find interesting and informative. Please scan our newsletters and visit our website regularly for notices of these upcoming events.

- *Disaster Response Committee*

2014 saw us form a new committee, the Disaster Response Committee, which was given the mandate of providing liaison and technical guidance to the APEGBC as well as a number of provincial and municipal organizations charged with improving our overall disaster response readiness. Since then this committee has been active attending a number of meetings and conferences aimed at improving our post-earthquake response systems and procedures. These meetings involve our Association, APEGBC, local and provincial government agencies as well as sister agencies in other jurisdictions such as California who are working on similar initiatives.

- *Structural Practice and Technical Committees*

Our Structural Practice and Technical Committees continue to provide valuable input to and liaison with APEGBC and other organizations that the SEABC interacts with. These two committees have been quite active in the last year providing technical input to a number of bulletins issued by APEGBC as well as providing professional practice input to other business related issues within our own association and APEGBC.

- *Young Members Group*

Our Young Members Group (YMG) is also maturing nicely (pun intended) and is very active with many activities and seminars planned that are relevant to young engineers. We encourage all of our younger members to join the YMG and get involved in their activities.

- *Vancouver Island and Okanagan Branches*

Our Vancouver Island and Okanagan branches remain active with a number of events and seminars planned for this year. Thank you to Thor Tandy for continuing to Chair the Vancouver Island branch as well as Meagan Harvey who chairs our Okanogan branch.

- 2017 IABSE Conference

Plans are advancing nicely for the 2017 IABSE (International Association for Bridge and Structural Engineering) conference to be held in Vancouver from September 18-23 2017. SEABC is the hosting organization and we have established a dedicated Board/Steering Committee responsible for overseeing all planning associated with this conference. This is the largest conference ever undertaken by the SEABC with somewhere between 700 and 1000 attendees anticipated. Look for updates and additional information regarding this conference in our quarterly newsletters and on our website.

In conclusion I'm pleased to report that the SEABC is an active association providing relevant information and support to our members. A volunteer organization such as ours is only as good as those people that step up to make it a success and I would like to, once again, thank all of those volunteers that make up our Board, our Committees and all of the other people that get involved in our activities. Their efforts and your involvement continue to make the SEABC a dynamic, vibrant and relevant organization. As always we welcome your suggestions as to how to make our association better.

Cameron Kemp, P.Eng.
President, SEABC

Financial Report

Income Statement 01/01/2015 to 12/31/2015

Revenue:

Individual Member Dues	44,072.51
IStructE rebate	6,557.87
Interest revenue	1,772.42
AGM attendance fees	42.00
AGM sponsorship	5,567.00
Total Revenue	<u>58,011.80</u>
Special Events Revenue	
Special event registrations	43,832.31
Total Special Events Revenue	<u>43,832.31</u>
TOTAL REVENUE	<u>101,844.11</u>

Expenses:

General and Administration

Administrative secretary	4,950.00
Registrar	350.00
Office expenses	128.29
Bank charges	112.65
Non-deductible penalties & interest	0.00
Board meeting expenses	2,354.91
Director's travel and expenses	28.00
AGM expenses	12,302.08
Accounting/legal	3,663.98
Total General and Administration	<u>23,889.91</u>

Education

Secretarial & Event Planner	8,059.67
Committee travel and expenses	179.82
Student scholarships	2,000.00
Student and other sponsorships	11,350.00
Wine & Cheese	0.00

Seminar venue and catering	6,153.82	
Seminar advertising	1,276.25	
Speaker expenses	3,517.38	
Webcasting	1,037.11	
Miscellaneous	94.75	
Total Education		<u>33,668.80</u>

Structural Practice

Committee travel and expenses	436.00	
Total Structural Practice		<u>436.00</u>

Communications and membership

Newsletter	4,915.00	
Website maintenance	28.20	
YMG meeting expense	812.90	
Professional Development	0.00	
Social networking	39.65	
Professional Reg Assistance	0.00	
Communication	0.00	
Outreach	400.00	
Engineering Competition	3,754.49	
Total communications & membership.		<u>9,950.24</u>

Corporate affairs

Miscellaneous Expenses	94.66	
Total Corporate Affairs		<u>94.66</u>

Chapters

South Island chapter expenses	238.83	
Okanagan chapter expenses	2,586.89	
Total Chapter Expenses		<u>2,825.72</u>

Special Events

Event venue and catering	30,582.16	
Event advertising	295.00	
Speaker expenses	4,500.00	
Webcasting & Other	2,852.80	
Revenue sharing costs	-469.40	
Miscellaneous	356.77	
SEABC-IABSE Conference OC	2,739.19	
Total Special Events		<u>40,856.52</u>

TOTAL EXPENSE 111,721.85

NET INCOME -9,877.74

Balance Sheet at 12/31/2015

Asset:

Current Assets

Royal Bank 108 795 6	18,460.47	
RBC 108 980 4	4,667.73	
Petty Cash	-38.67	
Total Cash		<u>23,089.53</u>
Investments GIC	184,928.74	
Total Investments		<u>184,928.74</u>
Due from IABSE Conference OC	30,000.00	

Total Receivable		30,000.00
Total Current Assets		238,018.27
TOTAL ASSET		238,018.27
<u>LIABILITY:</u>		
<i>Current Liabilities</i>		
Accrued Liabilities		1,930.00
Unearned Revenue		17,040.09
HST/GST Charged on Revenue	2,453.65	
HST/GST Paid on Purchases	-3,014.21	
HST/GST Owing (Refund)		-560.56
Total Current liabilities		18,409.53
TOTAL LIABILITY		18,409.53
EQUITY		
<i>Equity Contributions</i>		
DSE-Contributions		38,759.68
VSEGS Contributions		42,551.55
SEABC Contributions		19,000.00
Total Equity Contributions		100,311.23
<i>Owners Equity</i>		
Surplus Contributions		129,175.25
Current Earnings		-9,877.74
Total Owners Equity		119,297.51
TOTAL EQUITY		219,608.74
LIABILITIES AND EQUITY		238,018.27

Surinder Parmar, P.Eng., Treasurer

Committee Reports

1. Communications Committee Report

During 2014-15, the Communications Committee was very active. Our activities included:

- *Website development (see Webmaster's Report)*
- *Broadcast email notifications of events*
- *Four newsletters (May, August, and November, 2015 and February 2016)*
- *Membership support*
- *Responding to enquiries.*

We continue to receive favourable comments about the website and our newsletter. In addition, our broadcast email service is proving to be popular with the membership.

The newsletter includes regular reports from the committee chairs outlining news of SEABC activities, but to enhance readability and interest relies heavily on articles contributed by the members. Thank you to all who send us interesting articles over the past year and for the strong support we receive. Please keep

sending in your comments, as well as photographs and newsletter articles, so that we can continue to improve our products and keep you better informed.

The Communications Committee is also responsible for maintaining the membership list. We distribute membership renewal reminders, ensure that members can access their area of the website, and facilitate on-line event registration. Almost all of the SEABC members have provided us with an email address which greatly simplifies communication. We urge members to ensure that their contact information is up to date. To attend SEABC's excellent CPD events and access the recorded seminars on the web site, kindly also ensure that you renew your membership annually. Our on-line material is being continually expanded so that all our members can benefit from access to past events.

David Harvey, P.Eng., Struct.Eng.
Chair, Communications Committee

2. Education Committee Report

In today's world of structural engineering, one often sees problems of yesterday increasingly challenged with modern complexities. Yet most have a common solution fibre – the sublime class room theories of yesterday reinforced with - fresh ideas, new research, and technological advances. They have produced elegant, efficient and sustainable bold new skylines around us. At SEABC, the Education Committee strives to bring bold thinkers and visionaries to nurture our creative urges and stoke our professional passions with discussions on leading trends and notable designs.

A brief summary of events organized in the past year 2015-2016 is as follows:

- *April 15: An evening seminar on the Performance and Applications of self-tapping screws presented by Dr. Thomas Tannert, P.Eng., PhD, UBC Associate Chair for Wood Building Design. Professor Tannert provided an overview of the structural applications (primary and secondary connector and reinforcements) of self-tapping screws, their design recommendations and performance illustrated with recent research at UBC.*
- *June 1: Chris Roney P.Eng., BDS, FEC, the President Elect of Engineer's Canada presented an evening seminar on Going Forward from the Elliot Lake Inquiry. He shared the regulatory lessons learned from this tragic failure, PEO's 11 point inquiry recommendations and the implications for the profession across the Provinces in Canada.*
- *October 8: The Annual 2015 Wine and Cheese social was held at BCIT where students and staff enthusiastically participated with presentations on BCIT's growing range of engineering programs, current research on Masonry construction at BCIT followed by load testing of steel beam to failure.*
- *October 16: SEABC volunteer Meagan Harvey coordinated the structural stream at APEGBC's AGM held in the Okanagan. Presenters and their topics included:*
 - *Dr. Svetlana Brzev, P.Eng., presented the S304-14 Updates to S304 Design of Masonry Structure;*
 - *Grant Newfield, P.Eng., Struct.Eng., presented updates to National Building Code of Canada 2015 Part 4;*
 - *Andy Metten, P.Eng., Struct.Eng., presented the S16-14 updates to S16 Design of Steel Structures*
 - *Robert Malczyk, P.Eng., Struct.Eng. presented on the 086-14 updates to 086 Engineering Design in Wood.*
- *October 29, 2015: Goman Ho, a Fellow at Arup, while visiting Vancouver from China, presented an evening seminar review of Tall Buildings Development in China in the Past Decade.*
- *November 4: Dr. Ashraf El Damatty, Professor and Chair of Civil and Environmental Engineering at Western University presented the latest research at Western on Wind Loads for High Rise Building.*
- *November 18: Eric de Fleuriot, P.Eng. from Vancouver at our evening seminar provided an overview on the spectacular bridges and buildings under construction or on drawing boards in Dubai, Abu Dhabi and Doha – the Middle East countries of UAE and Qatar; discussing how boundaries in design and construction are pushed in this region.*

- *February 2, 2016: Dr. Tony Yang, PEng, PhD, Associate Professor at UBC Dept. of Civil Engineering presented the contemporary research at UBC on the novel design procedure called - the Equivalent Energy-Based Design Procedure (EEDP) - for fused structures in earthquake application.*
- *February 16, 2016: Neil Cumming, FACI, P.Eng. presented discussion on challenges posed by and methodologies available to designers to answer - the call for durable structures, and suggest what is needed in the future.*

*Each event undertaken by the Education Committee would not have been successful without the continued selfless contributions of our committee members: **Dr. Tony Yang**, UBC Department of Civil Engineering; **Jacquie Gaudet**, BCIT Department of Civil Engineering; **Andrew Seeton**, P.Eng., of Glotman Simpson; **Mark Robertson**, P.Eng., Struct. Eng., of Wicke Herfst Maver; **Farshid Borjian**, MAsc., P.Eng., C.Eng., M.I.Struct.E., Struct.Eng. formerly with Amec, and **Stanley Chan**, BAsc, MEng, EIT, of Read Jones Christoffersen Ltd. We extend our sincere thanks to **Melanie Fung**, our executive assistant for her unfailing attention to details AND to the many industry leaders for their support, contribution and inspiration.*

As always, the Education Committee values membership comments and suggestions. We look forward to hearing from interested engineers to join our group and share opportunities for stimulating discussions and interactions with peers and industry leaders.

It has been a pleasure to have been given the opportunity to fulfill this position and I look forward to continuing my involvement with the Committee in the future.

Tejas V. Goshalia, P.Eng., P.E., S.E.
Chair, Education Committee

3. Structural Practice Committee Report

The Structural Practice Committee has gone through somewhat of a transition year, following Bill Alcock's 'retirement' from the committee in March of 2015, and John Sherstobitoff stepping in to replace him as Chair.

One activity of this committee is to represent SEABC at monthly APEGBC Consulting Practise Committee meetings. Kitty Leung, a Director of SEABC, kindly accepted to attend these lunch time meetings, representing this committee. She then reports back to the monthly Directors Meeting.

A key activity of the Chair is to liaise with Gilbert Larocque, Associate Director, Professional Practise, at APEGBC's office to discuss items of mutual interest.

A current issue in discussion with APEGBC is in regards to complaints to APEGBC from members of the public with respect to poor quality structural drawings submitted for permitting purposes. There will be opportunity for SEABC to meet with APEGBC to fully understand the details of such complaints, and to be involved with APEGBC regarding a future article in Innovation in this regard (such an article just a proposal at this time) and regarding any need to adjust or clarify current APEGBC guidelines regarding this matter.

The following items requiring attention were received by this committee from Gilbert at APEGBC; these are being addressed by the Technical Committee:

- *Fire rating of seismic braces*
- *Drop-in Anchors*
- *Part 9 Structures*

- *Guard Design and Use of Glass Panels*

The previous members of this committee will be contacted in March, regarding their interest to remain on this committee for the year ahead. Anyone else with interest in participating on this committee is encouraged to contact the Chair of this committee or SEABC. Any member with an issue or concern regarding Structural Practice that they would like to have this committee consider is encouraged to contact the Chair of this committee or SEABC.

**John Sherstobitoff, P.Eng.,
Chair, Structural Practice Committee**

4. Technical Committee Report

The SEABC Technical committee is comprised of a number of Material Codes Subcommittees, Loading Subcommittees, Specialty Structural Systems Subcommittees, and Task Groups. These groups are made up of many volunteers who make a significant contribution to the Association and the Profession. Their efforts are greatly appreciated.

The Task Group for the Seismic Design of Basement Walls remains the only task group that was active in 2015. Much of the University research that was conducted as part the efforts in this Task Group are now complete and the group is working on preparing conclusions and recommendations to be presented to SEABC Members.

The Guard Design Task Group is in the early stages of efforts to update the Guard Design Guidelines published by SEABC. This was prompted in part by a request from APEGBC that further guidance be given to engineers designing glass guards, specifically with respect to requirements for a top rail. The Task Group is set to begin meetings in early 2016.

Members of various Technical Subcommittees also provided input on a number of issues where APEGBC sought the recommendation of SEABC. These included:

- *Guidance on what components or systems are acceptable to be used for tension loads where 'drop-in' anchors have traditionally been utilized. Specifically with regards to NBCC Clause 4.1.8.18(8)(d)*
- *Providing a position with regards to the separation of Gravity Load design and Lateral Load design in Part 9 buildings using the prescriptive requirements of Part 9, Good Engineering Practice, and/or Part 4*
- *Updating and clarifying the Technical Bulletin published by SEABC titled "Fire Rating of Seismic Bracing"*

Anyone with interest in participating on a Technical Subcommittee is encouraged to contact SEABC. Any member with an issue or concern that they would like to have the Technical Committee consider is also encouraged to reach out to the committee.

**Kevin Riederer, P.Eng., LEED AP
Chair, Technical Committee**

5. Young Members Committee Report

This past year has been a full and exciting one for the Young Members Group. Since the last AGM we have had some great new events and very successful repeats. We continued our popular site-tour series with a visit to the Evergreen Line Tunnel Boring Operation. We also held our yearly Young Engineer

Presentation Competition, where four engineers competed to give the best 10-minute presentation on a structural engineering topic of their choice.

We are looking forward to continuing to build this yearly event as a way to encourage and strengthen the local young structural engineers. Sponsoring a prize at the Greater Vancouver Regional Science Fair has been a great way to reach out and encourage elementary and high-school students to think about structures and get them excited about the field of structural engineering. We also participated in Engineering Week activities with EERI UBC Chapter, and in Earthquake Day. In addition to these professional development and outreach events, we held regular networking events such as pub socials following seminars and tours. The YMG provides funding to UBC and BCIT student activities such as student design competitions and industry nights, and has student representatives on the committee.

The enthusiasm and creativity of the YMG committee members are what keeps this group going strong after seven years. Their dedication and passion for structural engineering and the structural engineering community is inspiring. These volunteers make it possible to continue to offer events and activities designed to benefit young or new engineers, and by extension, SEABC as a whole. The support and encouragement of the directors is highly appreciated. With the YMG chair on the SEABC Board of Directors, young structural engineers truly have a voice within SEABC.

Grant Fraser, M.Eng., P.Eng.
Chair, Young Members Group

6. Webmaster's Report

The Communications Committee aims to provide members with relevant and up-to-date content through our website, newsletter and email broadcasts. None of this would be possible without the efforts of many volunteers. We are especially grateful to the Education Committee (who works tirelessly to provide monthly seminars and workshops), the Professional Practice and Technical Committees (who offers up their personal time to research and compile reports on current issues) and the Young Members Group (who empowers young engineers to make their mark). These volunteers make the Communications Committee look good!

A few highlights of 2016

- *The year closed with a total of 893 active members.*
- *The online library of seminar and workshop material is growing steadily. We now have 27 have video recording of evening seminars and workshops. Members-only access to video recordings and seminar handouts is available at www.seabc.ca/seminar-downloads.*
- *The Directory of Structural Engineering Firms has grown to 69 listings. If your firm is not yet listed, you are missing out. Add it at www.seabc.ca/corporate.*

Looking ahead at 2017

The SEABC website refresh was met by strong headwinds in the form of integration complexity and limited volunteer hours. We are looking at the option employing a professional web developer to complete the project in coming months.

Staying in touch

- *Bookmark the SEABC home page for a quick glance at what is happening: www.seabc.ca.*
- *Follow us on Twitter: [www.twitter.com/SEABC](https://twitter.com/SEABC).*
- *Encourage non-member colleagues to join our mailing list: www.seabc.ca/maillinglist.*

Stephen Pienaar, P.Eng.
Webmaster, SEABC

7. Vancouver Island/Victoria Branch Report

GENERAL:

2015-2016 was a little more eventful for the VI Branch. The executive gained four new participants so we have been able to share new ideas and gain access to construction sites that would have required more effort without those relationships.

EXECUTIVE:

As of January 2016, the executive for the VI Branch is now:

- o Chair: Thor Tandy*
- o Victoria: Dan Gao, Dan Weber, Tyler Best, Roxanne Duigou.*
- o Nanaimo: Lee Rowley*
- o Comox: Ralph Watts*

2015-2016 EVENTS:

Over the past year the Branch has hosted a number of events:

- Leonard Pianalto's talk in November on guard rails and innovative approaches to dealing with the top rail issues.*
- Site visit to the new Johnson St Bridge in June - we hope to host another visit when the steelwork arrives.*
- Site visit to the new CragX Climbing Gym in August - interesting tilt-up construction.*
- Dr Elwood's Talk "Christchurch 5 Years On"*

PROPOSED 2016-2017 EVENTS:

The typical feedback from members is still the preference for more technical presentations and webinars. Many members in the VI Branch are sole proprietors or small businesses, so the commitment of time and money to attend these events must be worthwhile and beneficial to their practice.

- Roxanne's Talk on Polystyrene recycling initiative for cheap housing - May/June*
- Metrix Insurance Talk - Professional Liability Education Program - Feb/Mar*
- Rubble foundations: assessment and upgrade - TBC*
- Rammed Earth - an ancient art seeking technical rationalization - TBC.*
- Non-structural components - "What Not To Do". Case studies and acceptable solutions. TBC*
- Executive Planning Meetings.*
- Combined webinars - collate/identify what topics are of interest to the local membership*
- Dinner meeting(s)*
- At dinner or lunch meetings, local speaker to give maybe ½ hr talk on a favourite topic? Possibly a, "show and tell" format.*
- Regular SEABC VI Branch group meetings = once a month*

2015-2016 BRANCH FOCUS AREAS:

- Mission Statement and Goals:*

Although we still have to consolidate a branch-specific mission statement that is more aligned with our membership in these regions, our goals remain:

- Increase awareness and exposure to SEABC on Vancouver Island and increase membership.*

- *Provide opportunities for members to meet, discuss issues, and to benefit from the exchange of technical ideas and solutions.*
- *Continue planning local site tours and presentations.*

- *Branch Budget:*

This will probably be unchanged from 2015.

- *Review and Confirm VI Branch Membership*

We plan to continue to develop a better understanding of the distribution of structural engineers and engineering firms in Victoria and the surrounding area.

At this time, our branch has approximately 50 registered SEABC members and about 25% are sole proprietors or small businesses.

***Thor Tandy, P.Eng., Struct. Eng.,
Branch Chair***