



Structural Engineers Association of British Columbia

ANNUAL GENERAL MEETING

Wednesday, March 1, 2017

Business Agenda

1. Call to Order
2. Acknowledgement of Sponsors:
3. Approval of Annual General Meeting Minutes, March 10, 2016
4. President's Report
5. Approval of Financial Report for 2016
6. Committee Reports
7. Membership
8. Winner – Young Members Presentation Competition
9. Certificate Program Awards
10. IABSE Symposium 2017
11. Other Business
12. Acclamation of Directors for 2017
13. Adjournment of Business Session

Keynote Presentation: “A Unique Structural Engineering Perspective”

Speaker: Sam Price – Consultant, Price & Myers



Structural Engineers Association of British Columbia

Annual General Meeting Minutes
Mar 10, 2016

Time: 6:05 P.M.
Venue: Sutton Place Hotel, 845 Burrard Street, Vancouver, B.C.
Present: **President** Cameron Kemp (Master of Ceremonies)
Directors Perry Adebar, Bill Alcock, Dave Davey, Paul Fast, Grant Fraser, Tejas Goshalia, Adrian Gygax, David Harvey, Kitty Leung, Kevin Riederer, Andrew Seeton, John Sherstobitoff,
Okanagan Branch Representative Meagan Harvey
Webmaster Stephen Pienaar
SEABC members and guests
Regrets: **Treasurer** Surinder Parmar
Vancouver Island Branch Representative Thor Tandy
Total Attendees: 85

1 Welcome

President Cameron Kemp welcomed all members and guests to the Annual General Meeting of the SEABC. He gave a special welcome to Tristram Carfrae to Vancouver and to the meeting. Cameron thanked this year's AGM sponsors:

- Canadian Wood Council
- COWI Bridge North America
- 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

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 2016 AGM

The meeting started at 7:05 p.m.

3 2015 AGM Minutes

Motion to adopt the minutes of March 4, 2015: Moved, seconded. Motion carried.

4 President's Report

Cameron gave the highlights of the President's Report for 2015:

- 2015 was another good year for SEABC.
- Membership is holding steady at just under 900 members with a very even demographic distribution.
- SEABC's financial position remains strong with \$220,000 in the bank, including some seed money for the IABSE conference next year. This financial strength allows SEABC to carry out many activities and programs that have been relevant and useful to its members.
- There have been delays in the update of the website, although it remains functional. Additional programming resources are being sought to complete the update, and this is a priority project for the year.
- SEABC maintains a close relationship with IStructE, a UK-based organization of structural engineers around the world. Bill Alcock, one of SEABC's Directors, sits on the Executive Board of IStructE, and participates in their regular meetings in London.
- The Education Committee remains the most active committee with seven major events hosted in 2015, in addition to its regular evening seminars.
- The Disaster Response Committee has been active in attending a number of meetings and conferences aimed at improving post-earthquake response systems and procedures. These meetings involve the SEABC, the APEGBC, local and provincial government agencies, as well as sister agencies in other jurisdictions, such as California, who are working on similar initiatives.
- The Structural Practice and Technical Committees continue to provide valuable input to, and liaison with, APEGBC and other organizations the SEABC interacts with. These two committees have been quite active in the last year in providing technical input to a number of bulletins issued by APEGBC, as well as providing professional practice input to other business-related issues within SEABC and APEGBC.
- The Young Members Group has been busy with many activities and seminars that have been of interest to the young member engineers. All younger members are encouraged to join this Group and get involved in their activities.
- Both the Vancouver Island Branch, chaired by Thor Tandy, and the Okanagan Branch, chaired by Meagan Harvey, remain active with a number of events and seminars held for its members.

- The IABSE Symposium will be held in Vancouver on September 21-23, 2017. SEABC is the hosting organization and a dedicated Board/Steering Committee has been formed to oversee all planning associated with this conference. This is the largest conference ever undertaken by the SEABC, with somewhere between 700 and 1000 attendees anticipated. Updates and additional information will be available in the quarterly newsletters and on the website.
- Cameron concluded saying that he was pleased to that SEABC remains an active association providing relevant information and support to its members. He thanked all the volunteers who make up the Board, the Committees and everyone involved in its activities, as it is through their efforts that SEABC has remained the dynamic, vibrant and relevant organization that it is. He welcomed suggestions from members on how to make the association better.

5 Financial Report: Year ending December 31, 2015

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

6 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

7 Membership

Membership is just under 900, and this has been a stable number in the last 2-3 years. Cameron noted that each year it takes a little longer into the calendar year to finally get to this number. He encouraged those who have not renewed their membership to do so, and for members to encourage their colleagues who have not yet registered to do so as well.

8 Young Members Group Presentation Competition Awards

Cameron presented Hendrik Westerink with a cheque for \$1000 for winning the Young Members Presentation Competition. Hendrik gave a condensed version of his winning presentation, "The Rio Abajo Footbridge: Reducing Rural Isolation in Northern Nicaragua".

9 Certificate Program Awards

John Pao reported that the Certificate Program Awards is on its 16th year and the last two terms have had record attendance. He presented the certificate of its most recent graduate, Mehdi Jamili, and the Outstanding Achievement Awards to Graham Best, Eric Howie, and to Travis Oudshoorn and Robbe Drugmand who were unable to attend.

10 IABSE Symposium 2017

Co-chairs Katrin Habel and Adam Lubell gave a summary of SEABC's biggest undertaking so far, the IABSE 2017 Symposium, to be held on September 21-23, 2017 at the Westin Bayshore. The Honorary Chair is Peter Taylor who was involved in organizing the 1984 IABSE Symposium in Vancouver. A video on this symposium was shown, highlighting the sights and activities Vancouver offers its participants. The theme of the symposium is Engineering the Future, and topics include innovations and performance based design of buildings, bridges and other structures. The organizing committee is currently working on sponsorships. The Scientific Committee will be reviewing abstracts; deadline for abstracts is on October 15, 2016. Melanie Fung Yu is the Professional Conference Organizer.

11 Other Business

None raised.

12 Acclamation of Directors for 2016

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

President: David Harvey, P.Eng.

Past President: Cameron Kemp, P.Eng.

Treasurer: Surinder Parmar, P.Eng

Directors:

Perry Adabar, P.Eng.

Bill Alcock, P.Eng.

David Davey, P.Eng.

Paul Fast, P.Eng.

Grant Fraser, P.Eng.

Tejas Goshalia, P.Eng.

Adrian Gyax, 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.

13 Adjournment of Business Session

Cameron concluded his speech by thanking the members for the opportunity to be their president for the last 5 years.

Meeting adjourned at 7:49 p.m.

Paul Fast introduced the keynote speaker, Tristram Carfrae, Deputy Chairman of Arup of London, UK. His presentation was on “Design in the Digital Age”. David Harvey thanked the speaker for his interesting presentation and provided him with a gift to acknowledge his efforts on behalf of SEABC.

Minute Taker:

Cecilia Bernabe

SEABC Administrative Assistant

Acclamation of Directors for 2017

The SEABC lists the following candidates standing for Director:

Perry Adebar, Ph.D., P.Eng.

Stanley Chan

Paul Fast, P.Eng., Struct.Eng.

Tejas Goshalia, P.Eng., SE

Adrian Gygax, P.Eng, Struct.Eng.

David Harvey, P.Eng., Struct.Eng.

Kian Karimi, Ph.D., P.Eng., P.E.

Cameron Kemp, P.Eng.

Kitty Leung, P.Eng., Struct.Eng.

Surinder Parmar, P.Eng., PMP

Kevin Riederer, P.Eng.

Andrew Seeton, P.Eng.

John Sherstobitoff, P.Eng.

David Harvey, P.Eng.

President, SEABC

President's Report

SEABC is prospering as an association representing BC's structural engineers.

2016 was an excellent year for the SEABC. Our membership roll is holding steady at over 800 members with a roughly even demographic distribution. Our financial position also remains strong with a balance sheet of approximately \$220,000. This strength allows us to underwrite our many activities including the Education Committee events and our website – 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 additional delays in completing the update to our website due to the programming complexity required, and an unsuccessful attempt to contract out the work. We are currently switching gears and trying to complete the work using other resources. We will keep you informed of progress. We are committed to rolling out our updated website as soon as possible.

- *IStructE*

SEABC maintains a close relationship with the London, UK based Institution of Structural Engineers (IStructE) representing structural engineers around the world. SEABC Director Bill Alcock, previously sat on the Executive Board and Council of the Institution, but stepped down in 2016. For 2017, I will attend IStructE Council meetings as the Regional Group Chair. I am delighted to be joined this year by Robert Jackson who was appointed as one of only two Young Members Group representatives from across the world on Council. Robert is building on a successful 2016 in London when he won both IStructE's

Kenneth Severn Award, and the Institution's Young Structural Engineering Professional of the Year Award.

- *Education Committee*

Our Education Committee remains our most active committee with a superb offering of courses and seminars. Major events were hosted last year in addition to a number of evening seminars (see the following Education Committee report). Most of our major events are recorded and many are webcast which allows online attendance if time and/or distance don't allow you to attend in person. The plans for the coming year include a similar number of events which we are sure you will find interesting and informative. Please scan our newsletters and visit our website for notices of these upcoming events.

- *Disaster Response Committee*

Starting up in 2014, the Disaster Response Committee was given the mandate of providing liaison and technical guidance to 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 doing some amazing things. The YMG is very active with many activities and seminars planned that are relevant to young (and older) 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 Okanagan 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.

David Harvey, P.Eng.
President, SEABC

Committee Reports

1. Communications Committee Report

During 2016-17, the Communications Committee was kept busy. Our activities included:

- *Website development (see Webmaster's Report)*
- *Broadcast email notifications of events*
- *Four newsletters (May, August, and November, 2016 and February 2017)*
- *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

Events brought to the stage by the Education Committee serve a vital purpose. On one hand they offer a platform to professionals, researchers, code committee officials, and others interested - at showcasing their work to lead change. On the other hand, these events provide an opportunity to broaden our horizons on technically enriching discussions on Codes and Standards, new technologies, outstanding projects, ongoing research, etc. Whichever side one chooses, there is much to benefit all. So I urge fellow members to participate and take advantage of this opportunity made available by SEABC.

A brief summary of events organized in the past 2016-2017 calendar year is as follows:

- *April 06, 2016: David Mar, SE, from San Francisco, California presented an insightful talk on how peer-reviewed, performance-based, high-rise designs are becoming commonplace, proving sophisticated (non-prescriptive) engineering does add value. David elaborated on the system-based approach for design of new buildings to achieve explicit performance objectives with desired mechanisms in Balance and Harmony.*

- May 18, 2016: Dr. Solomon Tesfamariam, PEng, PhD, Associate Professor at UBC School of Engineering presented a travelling roadshow of evening seminar on the Design of Hybrid Structures. He shared details on innovative timber-steel hybrid structures of steel moment resisting frames (SMRFs) with CLT-infill shear panels being jointly developed by UBC and FP Innovations. Similar presentations were made for Kelowna and Victoria chapter-member by Dr. Tesfamariam.
- May 20, 2016: One-day workshop to prep for IStructE Chartered Membership Exam, presented by:
 - David Harvey, P.Eng., Struct.Eng., FIAStructE, Associated Engineering,
 - Mark Porter, P.Eng., Struct.Eng., FIAStructE, Associated Engineering;
 - Robert Jirava, P.Eng., Struct.Eng., MIAStructE, RDJ Structural Designs Ltd.
 - Adrian Gygax, P.Eng., Struct.Eng., MIAStructE, Gygax Engineering Associates Ltd
 This workshop was much appreciated by all attending participants as it offers of the valuable insight to the exam with carefully chosen sample questions and hands-on sessions.
- October 05, 2016: Ian Coats a Technical Specialist from Autodesk provided an overview on current unprecedented technological advancements, increased demand for products and the nature of these products themselves has led to an era of rapid change that can only be likened to the industrial revolution.
- October 21, 2016: SEABC volunteer Thor Tandy coordinated the structural stream at APEGBC's 2016 AGM held in the Victoria, BC. Structural presentation topics included:
 - Girder-Slab Method of Construction - presented by Peter Timler, P.Eng.;
 - Timber-based Hybrid Structures: Past, Present and Future - presented by Dr. Solomon Tesfamariam, P.Eng.;
 - Earthquake Early Warning and Seismic Monitoring in BC - by Dr. Martin Turek, P.Eng.;
 - UBC Brock Commons – 18-Storey Wood-Concrete Hybrid Structure – presented by Paul Fast, P.Eng., Struct.Eng.
- January 25, 2017: An evening seminar talk presented by Dragan Majkić, M. Sc., P. Eng., and Nigel Brown, P.Eng., Structural Engineer discussed technical details of the design, construction and erection of Edmonton's Waltherdale Bridge Replacement.

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; **Jacque Gaudet**, BCIT Department of Civil Engineering; **Andrew Seeton**, P.Eng., of Glotman Simpson; **Mark Robertson**, P.Eng., Struct. Eng., of Wicke Herbst Mavor; **Farshid Borjian**, MSc., P.Eng., C.Eng., M.I.Struct.E., Struct.Eng. formerly with Amec, and **Stanley Chan**, BSc, 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 primary responsibility of the Chair is to liaise with Peter Mitchell, Director, Professional Practise, at APEGBC's office to discuss items of mutual interest. Another committee activity is to represent SEABC at monthly APEGBC Consulting Practise Committee meetings. Kitty Leung attends these meetings and reports back to the SEABC Directors meetings.

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.

Former members of this committee will be contacted regarding their interest in remaining on this committee. Anyone else interested in participating 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 the committee to 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 2016. The committee has completed the first draft the SEABC proposal for the Design of below Grade Foundation Walls for Reduced Soil Pressure. The committee is meeting again this month for the next round of edits and the Education Committee will be hosting a seminar later this year to present the proposal to SEABC members.

The Guard Design Task Group did was not able to gain the planned momentum in 2016, however, efforts to update the Guard Design Guidelines published by SEABC will continue in 2017.

SEABC is currently exploring if and how we might contribute to an IStructE "Technical Guidance Note". These 'notes' are a series of brief reports that provide code neutral guidance on a specific topic which is commonly encountered by structural engineers around the world. IStructE has published many of these in the past and is looking to member organizations like as SEABC for new contributions. We will keep all SEABC members informed as we pursue this further.

In 2017, the Technical subcommittees and task groups will continue to explore areas where a review of technical information affecting the practice of Structural Engineering in BC is warranted, and will continue to provide support to APEGBC when they are seeking SEABC input on a technical matter. 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

The YMG has made several changes to the committee roster including election of a new YMG chair. Past Chair, Grant Fraser, has stepped down and Stanley Chan has taken over the leadership role. The YMG has grown substantially over the past two years under the exceptional leadership of Grant Fraser. Stanley Chan is honoured to serve as the Chair, after serving the YMG committee at various capacities since 2011. Stanley will continue to work alongside like-minded YMG volunteers to improve and expand the YMG's services.

The 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 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. We also held the recurring Registration Assistance Seminar, led by Dr. Steven Kuan. Steven did an excellent job providing the audience with useful tips and advice for preparing their APEGBC P.Eng application using the new competency-based system. The SEABC YMG would like to thank Steven for taking the time to lead the seminar once again.

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, as Engineering Week activities with EERI UBC Chapter have been. We also 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 eight 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 serving on the SEABC Board of Directors, young structural engineers have a strong voice within SEABC.

Stanley Chan
Chair, Young Members Group

6. Webmaster's Report

The SEABC website keeps members informed. Thanks to the efforts of many volunteers, especially the Education Committee and the Young Members Group this was an easy task. 2016 in numbers:

- *The year closed with a total of 804 active members.*
- *We had an additional 226 non-members that subscribed to the SEABC Newsletter.*
- *The Education Committee and YMG hosted 12 seminars and tours.*
- *We broadcast 57 announcements via 55,559 emails.*
- *SEABC processed 807 credit card payments for membership dues and events.*
- *We proudly host 71 listings in the Directory of Structural Engineering Firms.*
- *Our website has 30 video recordings of evening seminars and workshops.*

Looking ahead at 2017 – SEABC website refresh

Work on a new SEABC website resumed and faltered again in 2016; there were significant integration challenges. The Board already has another plan in place to complete this work in coming months. The website refresh will achieve many goals: a fresh new look, upgrade of the back-end to facilitate volunteer involvement, and an overall improved members' experience.

Staying in touch

- *If your firm is not yet listed in the Directory of Structural Firms, you are missing out. Add your firm at www.seabc.ca/corporate.*
- *Members-only access to video recordings and seminar handouts is available at www.seabc.ca/videos.*
- *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

Mission:

To provide a focal point for SEABC members on the Island to meet, discuss SEABC issues and to take benefit in the form of exchange items of technical interest.

2016 Branch Executive:

Branch Exec: Thor Tandy, Dan Weber, Dan Gao, Tyler Best

Inter-Branch Liaison as best we can: Meagan Harvey, Lee Rowley, and Ralph Watts

Branch Demographic:

- 1) *Members in the local Victoria, Gulf Islands area.*
- 2) *A central Island group centred on the Nanaimo, Port Alberni area.*
- 3) *A small North Island group.*

Successful Events:

Since our last article the executive has met a couple of times to update our goals and achievements but no events.

Proposed Events:

Following up on the executive meeting January 24, 2017, the proposed topics have been revised.

- 1) **Polystyrene Building Blocks:** *We would still like to present this but for now it will be postponed until a later date.*
- 2) **Rubble Foundations:** *“Improving Performance of Rubble Foundations in Seismic Zones”. This will probably be of interest to those who are involved in Heritage and other past-century structures. The current opinion, however, is that rubble foundations are probably likely to be upgraded with an integrated concrete wall/foundation so probably not a realistic topic for presentation. Member opinion would be welcome.*
- 3) **Rammed Earth:** *“Ancient art seeking technical rationalization”. The schedule is still for March but due to workloads will probably be postponed to April. Since this is but one of several alternative building materials, we will consider including a general overview of alternative materials such as Straw Bale construction.*
- 4) **Non-structural components:** – *“What Not To Do”. Case studies and acceptable solutions. Scheduled for May/June*
- 5) **Social event(s):** *Apparently a work in progress □ so member feedback would be good.*
- 6) **Executive Meeting:** *Next meeting will be in March, 2017 (TBC). Our meetings are open so anyone wishing to attend and contribute is welcome.*

We encourage members to submit comment to our executive on any matter that may concern or be of interest to structural engineers.

Contacts:

<i>Victoria/Gulf Islands:</i>	<i>Branch Executive</i>
<i>Central Island:</i>	<i>Lee Rowley</i>
<i>North Island:</i>	<i>Ralph Watts</i>
<i>Okanagan:</i>	<i>Meagan Harvey</i>

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

SEABC
Comparative Income Statement

	Actual 01/01/2016 to 12/31/2016	Actual 01/01/2015 to 12/31/2015
REVENUE		
Revenue		
Individual Member Dues	49,468.42	48,910.21
IStructE rebate	0.00	6,245.60
Interest revenue	1,273.93	2,196.94
AGM attendance fees	0.00	42.00
AGM sponsorship	5,049.52	5,567.00
Total Revenue	<u>55,791.87</u>	<u>62,961.75</u>
Special Events Revenue		
Special event registrations	9,246.52	42,441.15
Total Special Events Revenue	<u>9,246.52</u>	<u>42,441.15</u>
TOTAL REVENUE	<u>65,038.39</u>	<u>105,402.90</u>
EXPENSE		
General and Administration		
Administrative secretary	4,969.00	4,950.00
Registrar	1,050.00	350.00
Office expenses	394.42	128.29
Cost of dues collection	2,020.51	0.00
Bank charges	131.44	112.65
Non-deductible penalties & interest	0.00	0.00
Board meeting expenses	860.00	2,354.91
Director's travel and expenses	0.00	28.00
AGM expenses	13,200.35	12,302.08
Accounting/legal	3,012.79	3,663.98
Miscellaneous	-10.85	0.00
Total General and Administration	<u>25,627.66</u>	<u>23,889.91</u>
Technical Committees		
Office and miscellaneous	199.39	0.00
Total Technical Committee	<u>199.39</u>	<u>0.00</u>
Education		
Secretarial & Event Planner	0.00	8,059.67
Committee travel and expenses	0.00	179.82
Student scholarships	0.00	2,000.00
SEABC - 2016 Scholarship	1,000.00	0.00
Jim Warne Award 2016-2017	2,000.00	0.00
Student and other sponsorships	200.00	11,350.00
Wine & Cheese	1,037.75	0.00
BCIT SCSE Student Chapter	1,200.00	0.00
UBC CSCE	2,750.00	0.00
Seminar venue and catering	4,808.92	6,153.82
Seminar advertising	0.00	1,276.25
Speaker expenses	1,090.49	3,517.38
Webcasting	1,337.01	1,037.11
Miscellaneous	0.00	94.75
Total Education	<u>15,424.17</u>	<u>33,668.80</u>
Structural Practice		
WCSEA dues	614.71	0.00
Committee travel and expenses	3,183.86	436.00
Miscellaneous	500.00	0.00
Total Structural Practice	<u>4,298.57</u>	<u>436.00</u>
Communications and member se...		
Newsletter	4,537.50	4,915.00
Website maintenance	2,369.90	28.20

SEABC

Comparative Income Statement

	Actual 01/01/2016 to 12/31/2016	Actual 01/01/2015 to 12/31/2015
Young Members Group	2,291.07	0.00
YMG meeting expense	376.53	812.90
Professional Development	932.76	0.00
Social networking	32.09	39.65
Professional Reg Assistance	168.31	0.00
Communication	0.00	0.00
Outreach	0.00	400.00
Engineering Competition	0.00	3,754.49
Total communications & member...	10,708.16	9,950.24
Corporate affairs		
Miscellaneous Expenses	0.00	94.66
Total Corporate Affairs	0.00	94.66
Chapters		
South Island chapter expenses	-4.10	238.83
Okanagan chapter expenses	314.27	2,586.89
Total Chapter Expenses	310.17	2,825.72
Special Events		
Event Planner	140.70	237.50
Event venue and catering	1,502.50	30,582.16
Event advertising	0.00	295.00
Speaker expenses	801.91	4,500.00
Webcasting & Other	0.00	2,852.80
Revenue sharing costs	2,000.00	-469.40
Miscellaneous	0.00	119.27
SEABC-IABSE Conference OC	0.00	2,739.19
Total Special Events	4,445.11	40,856.52
TOTAL EXPENSE	61,013.23	111,721.85
NET INCOME	4,025.16	-6,318.95

Surinder Parmar, P. Eng., Treasurer

SEABC Balance Sheet

	As at 12/31/2016	As at 12/31/2015
ASSET		
Current Assets		
Suspense	0.00	0.00
Royal Bank 108 795 6	7,164.26	18,460.47
RBC 108 980 4	221,677.46	4,667.73
Petty Cash	122.73	-38.67
Total Cash	228,964.45	23,089.53
Investments GIC	186,623.80	185,353.26
Total Investments	186,623.80	185,353.26
Due from IABSE Conference OC	30,000.00	30,000.00
Total Receivable	30,000.00	30,000.00
Total Current Assets	445,588.25	238,442.79
TOTAL ASSET	445,588.25	238,442.79
LIABILITY		
Current Liabilities		
CSE owed to/from	194,687.58	0.00
Accrued Liabilities	1,930.00	1,930.00
Unearned Revenue	20,682.75	10,598.09
HST/GST Charged on Revenue	3,177.88	5,761.38
HST/GST Paid on Purchases	-2,082.65	-3,014.21
HST/GST Owing (Refund)	1,095.23	2,747.17
Total Current liabilities	218,395.56	15,275.26
TOTAL LIABILITY	218,395.56	15,275.26
EQUITY		
Equity Contributions		
DSE-Contributions	38,759.68	38,759.68
VSEGS Contributions	42,551.55	42,551.55
SEABC Contributions	19,000.00	19,000.00
Total Equity Contributions	100,311.23	100,311.23
Owners Equity		
Surplus Contributions	122,856.30	129,175.25
Current Earnings	4,025.16	-6,318.95
Total Owners Equity	126,881.46	122,856.30
TOTAL EQUITY	227,192.69	223,167.53
LIABILITIES AND EQUITY	445,588.25	238,442.79

Surinder Parmar, P. Eng., Treasurer