



# Structural Engineers Association of British Columbia

## ANNUAL GENERAL MEETING

Wednesday, March 11, 2020 – 4.45 pm

Sutton Place Hotel, 845 Burrard St, Vancouver, BC V6Z 2K6

### Business Agenda

1. **Call to Order** David Harvey
2. **Acknowledgement of Sponsors** David Harvey
3. **Approval of Annual General Meeting Minutes, March 13, 2019** David Harvey
4. **President's Report** David Harvey
5. **Approval of Financial Report for 2019** David Harvey
6. **Committee Reports** David Harvey
7. **Membership** David Harvey
8. **Other Business** David Harvey
9. **Acclamation of Directors for 2020** David Harvey
  - Perry Adebar, Ph.D., P.Eng.
  - Robert Bourdages, P.Eng.
  - Stanley Chan, P.Eng,
  - Paul Fast, P.Eng., Struct.Eng.
  - Tejas Goshalia, P.Eng., SE
  - Adrian Gyax, P.Eng., Struct.Eng.
  - David Harvey, P.Eng., Struct.Eng.
  - Cameron Kemp, P.Eng.
  - Kitty Leung, P.Eng., Struct.Eng.
  - Surinder Parmar, P.Eng., PMP
  - Kevin Riederer, P.Eng.
  - Calvin Schmitke, P.Eng., Struct.Eng.
  - Andrew Seeton, P.Eng.
  - John Sherstobitoff, P.Eng.
10. **Adjournment of the Business Session**

AGM to be followed by Annual Dinner.

***Keynote Presentation: "You Can See the Future Standing on Top of a Tall Building! (Well, Almost)"***

***Speaker: Ron Klemencic; Chairman and CEO, Magnusson Klemencic Associates***



# Structural Engineers Association of British Columbia

## ANNUAL DINNER

Wednesday, March 11, 2020 – 6 pm

Sutton Place Hotel, 845 Burrard St, Vancouver, BC V6Z 2K6

### Agenda

- |     |  |                |
|-----|--|----------------|
| 11. | Welcome  | David Harvey   |
| 12. | Acknowledgement of Sponsors  | David Harvey   |
| 13. | SEABC Library  | Connor Ferster |
| 14. | Certificate Program  | John Pao       |
| 15. | A tribute to Jim Mutrie  | Perry Adebar   |
| 16. | Legacy Awards Update   | Adrian Gygax   |
| 17. | Young Members Presentation Competition “So You Think You Can Give a Seminar”   |                |
|     | <i>Winner:</i>   |                |
|     | “Volunteering to build a bridge in Uganda – Donating expertise and elbow grease”   | Pia Abercromby |
| 18. | Keynote Presentation: “ <i>You Can See the Future Standing on Top of a Tall Building!</i> (Well, Almost)”<br>Ron Klemencic; Chairman and CEO, Magnusson Klemencic Associates | Paul Fast      |
| 19. | Adjournment  |                |



## Structural Engineers Association of British Columbia

Annual General Meeting Minutes March 13, 2019

Time: 4:00 p.m.  
Venue: Fairmont Pacific Rim Hotel, 1038 Canada Pl, Vancouver, BC V6C 0B9

Present: President David Harvey  
Directors Paul Fast, Tejas Goshalia, Adrian Gygax, Kevin Riederer, Andrew Seeton  
SEABC members

Regrets: Perry Adebar, Cameron Kemp, Kitty Leung, Surinder Parmar,  
John Sherstobitoff

Total Attendees: 15

### 1. Welcome

David Harvey welcomed all members and guests to the Annual General Meeting of the SEABC. He explained that on a trial basis the 2019 the AGM is taking place ahead of the Annual Dinner to provide more time for the Keynote Presentation. He thanked this year's AGM sponsors:

- Fast & Epp
- Glotman Simpson Consulting Engineers
- Gygax Engineering Associates Ltd
- Metrix Professional Insurance Brokers
- S-Frame Software
- WoodWorks! BC

### 2. Call to Order

The meeting started at 4:15 p.m.

### 3. 2017 AGM Minutes

Motion to adopt the minutes of April 18, 2018: *Moved, seconded. Motion carried.*

### 4. Financial Report: Year ending December 31, 2018

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

### 5. President's Report

Highlights of the President's Report for 2018, included in the package sent to all members:

- 2018 was another excellent year for the SEABC. Its membership is holding steady and ended 2018 with 847 members. Its financial position also remains strong with a closing balance of over \$500,000.
- The Board has approved creating an investment account to generate sustainable returns to fund new programs.
- SEABC maintains its close relationship with the Institution of Structural Engineers (IStructE) based in London, UK. The President congratulated Paul Fast for winning the 2018 Sir Arnold Waters Medal. He also congratulated Paul Fast and Derek Ratzlaff for winning the 2018 Sir Murray Buxton Award for their paper *Design of the Grandview Heights Aquatic Centre, Surrey, Canada*.
- The President overviewed the reports of the Webmaster, the Education Committee, the Disaster Response Committee, the Structural Practice Committee, the Technical Committee, the Young Members Group, and the Vancouver Island Branch. He noted that the Okanagan Branch is organizing a number of local events and will be running the Structural Stream for the APEGBC 2019 Annual Conference in October.
- The President reported that the 2017 IABSE Symposium was an outstanding success. As a result of the hard work put in by the Honorary Chair, the Conference Co-Chairs and Organizing Committee, this event produced a net surplus of over \$300,000 which was responsible for the increase in the closing balance for 2018.

#### 6. Other Business

Committee reports, and branch activities were included in the package sent to all members. A copy of

the package was made available at each table. Committee heads and

representatives were present and available to respond to inquiries. 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. Acclamation of Directors for 2019

By acclamation, the following were elected to the SEABC 2019-20 Board:

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

*Stanley Chan, P.Eng,*

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

*Tejas Goshalia, P.Eng., SE*

*Adrian Gygax, P.Eng., Struct.Eng.*

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

*Cameron Kemp, P.Eng.*

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

*Surinder Parmar, P.Eng., PMP*

*Kevin Riederer, P.Eng.*

*Calvin Schmitke, P.Eng., Struct.Eng.*

*Andrew Seeton, P.Eng.*

*John Sherstobitoff, P.Eng*

8. Adjournment of Business Session  
Meeting adjourned at 4:45 p.m.

AGM was followed by Annual Dinner.

Keynote Presentation: "Light Weight Structures - Demystified"

Speaker: Prof. Dr. sc. techn. Mike Schlaich; Managing Director, Schlaich Bergmann Partner

Minute Taker:

David Harvey

SEABC President

## President's Report

*After twelve years of representing BC's structural engineers, SEABC continues to prosper.*

*2019 was an excellent year for SEABC. Membership is holding steady at over 800 members with a roughly even demographic distribution. Our financial position also remains strong with a healthy 2018 balance. Our investment account stands at over \$450,000. This financial strength allows us to underwrite our many activities, including educational events and SEABC's website – the primary avenues for interaction with our members. We also plan to introduce new programs.*

*The following is a brief update on each of the main areas of activity within SEABC:*

- **Website update**

*The second phase of our website upgrade with a much improved appearance and layout is fully operational. We are currently completing the outstanding work which is expected to be in place later this year.*

- **IStructE**

*SEABC maintains a close relationship with the London, UK based Institution of Structural Engineers (IStructE) representing structural engineers around the world. As Regional Group Chair, I have attended IStructE Council meetings.*

- **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 provincial and municipal organizations charged with improving our overall disaster response readiness. Since then this committee has been active attending several*

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 EGBC 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 EGBC 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 a key success story for SEABC. The YMG is very active with many activities and seminars planned that are relevant to young (and older) engineers. We encourage our younger members to all join the YMG and to become involved in their activities.

- **Vancouver Island and Okanagan Branches**

Our Vancouver Island and Okanagan branches remain active with several 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 the Okanagan Branch, despite juggling her SEABC responsibilities with the challenges raising a young family.

- **2017 IABSE Conference**

By far and away the largest activity undertaken by SEABC, the 2017 IABSE (International Association for Bridge and Structural Engineering) Symposium was held in September 2017 in Vancouver, attracting some 800 delegates. The event was an outstanding success for which we thank the hard-working Organizing Committee members. This event and the work of the organizing committee is responsible for the significant increase in resources reported by SEABC in subsequent financial statements.

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 our volunteers. I would like to thank the many volunteers that make up our Board, our Committees, as well as those that participate in our activities. Their efforts and your involvement continue to make the SEABC the dynamic, vibrant and relevant organization that it has become. As always, we welcome your suggestions as to how to make our association better.

**David Harvey, P.Eng., Struct.Eng.**  
**President, SEABC**

## **Committee Reports**

### **1. Communications Committee Report**

During 2019-20, the Communications Committee was very busy. Our activities included:

- Website development (see Webmaster's Report)
- Broadcast email notifications of events
- Four newsletters (May 2019, August 2019, November 2019 and February 2020)
- Membership support
- Responding to enquiries.

We continue to receive favourable comments about the refreshed 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 SEABC's 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.*

*I am pleased to report that in 2019, structural engineer Mark Budd joined the committee. Mark provides help with editing the Newsletter.*

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

## **2. Education Committee Report**

*As structural engineers, we are living in exciting times. We are altering skylines in Vancouver and beyond with bolder building designs, with iconic bridges, taller wood and mass-timber projects, racier airports-hospitals-and-schools, and with larger and more complex industrial and civil infrastructure facilities. More and more projects are embracing performance-based design goals, incorporating base isolation and energy dissipation technologies, delivering via alternate methods such as P3 and Design Build, adopting higher sustainable goals through LEED to Passivhaus. Not only 2D-cad is displaced by 3D BIM, many are engaging virtual reality, and some are also casting eyes at 3D printing and robotic technologies for automated construction. Yes – our industry is breaking records and pushing new horizons!*

*SEABC's Education Committee strives not only to keep our members in touch with this changing fiber of our profession but also keep us deeply rooted in safety, sustainability and compliance. At the onset of this new decade and over the past year, we brought events that cast valuable insights into recent innovations and advances that shaping our practice. Our volunteer Education Committee members have worked diligently to present you with following speakers and seminars:*

- *March 13, 2019: Light Weight Structures Demystified presented at our 2019 ADM by Prof. Dr. Mike Schlaich from Germany*
- *March 14, 2019: History of Structural Engineering ... Leading to Future Trends presented at our first Pinnacle Lecture by Prof. Dr. Mike Schlaich*
- *May 8, 2019: Performance Based Wind and Earthquake Design Frameworks for Tall Wood-Concrete Hybrid Buildings presented by Dr. Solomon Tesfamariam, PEng, PhD, Professor at UBC-Okanagan School of Engineering*
- *June 25, 2019: Seismic Vulnerability of Concrete Buildings with Precast Floors presented by Prof. Ken Elwood from University of Auckland, New Zealand*
- *October 18, 2019: Structural Stream at the 2019 EGBC AGM*
  - *Practice Guide for Design of Guards by Amy Fehr, P.Eng. and Leonard Pianalto, P.Eng.*
  - *Connection Design of Masonry Veneer to Structural Substrate by Farshid Borjian, Struct.Eng.*
  - *Design of Timber-Based Hybrid Structures by Dr. Solomon Tesfamariam, P.Eng.*
  - *Tips, Tricks, and Traps of Pressure Piping Retrofits by John D. Stephens, P. Eng.*
- *October 23, 2019: Notable Rehabilitation of Bridges*

- Westham Island Bridge - by Casey Leggett, M.Eng., P.Eng. Arman Shahnaz, M.Eng., P.Eng., P.E.
- Alexandra Bridge - presented by Justin Dowling, PhD
- January 22, 2020: Developing High-Performance Structural Systems for Seismic Applications presented by Pro. Tony Yang, PhD, P. Eng. from UBC-Vancouver
- February 26, 2020: Structural Design of the Gerber Girder Cantilever System and Updates in CSA S16-19 presented by Andy Metten, P.Eng., Struct.Eng.,

Do explore [SEABC's events-archive](#) if you missed any of above events or if you wish to review them again.

As we rekindle the fire of innovation within us, if there are topics and/or speakers that you would like our Committee to explore and bring to the podium, please feel free to contact us.

Each above event undertaken by the Education Committee would not have been successful without the continued and selfless contributions of our committee members: **Andrew Seeton**, P.Eng., of Aspect Structural Engineers; **Arman Shahnaz**, P.Eng., P.E of Mott MacDonald; **Dr. Carlos Molina Hutt** of UBC Department of Civil; **Farshid Borjjan**, P.Eng. PE, Struct.Eng. Executive Director Masonry Institute of BC; **Jose Centeno**, P.Eng. of Glotman Simpson, **Mark Robertson**, P.Eng., Struct. Eng., of Wicke Herfst Maver; **Meagan Harvey**, P.Eng. of Mercury Consulting Inc. from Kelowna BC; **Thor Tandy**, P.Eng, Struct.Eng of UNISOL Engineering Ltd from Victoria BC; and **Dr. Tony Yang**, UBC Department of Civil. I also 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.

It has been a pleasure to have been given the opportunity to fulfill this position. In the coming year, I look forward to continuing our progress with greater participation and synergy.

With sincere thanks,

**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 EGBC's office to discuss items of mutual interest. Another committee activity is to represent SEABC at monthly EGBC Consulting Practise Committee meetings. Kitty Leung attends these meetings and reports back to the SEABC Directors meetings.

A current issue in discussion with EGBC relates to planned rewriting of its Structural Checking Bylaw as part of implementation of the Professional Governance Act.

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 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 assembled to prepare a Practice Guideline for Structural Condition Assessments of Existing Buildings has completed the document. The guideline has been reviewed by Engineers and Geoscientists BC and in 2020, the document will be peer reviewed by an independent group of SEABC volunteers. The document will be sent to EGBC Council and will be published for use me members. The Task group consisted of Nick Bevilacqua P.Eng., Struct.Eng., Patrick McGrath Ph.D., P.Eng., Kevin Riederer P.Eng., P.E. and Kenny Yip P.Eng., P.E., S.E.*

*In 2020/2021 the SEABC Technical Committee, Subcommittees and Task Groups will continue to move the current initiatives forward as well as explore areas where a review of technical information concerning the practice of structural engineering in BC is warranted. The Technical Committee and the Board of Directors will continue to provide support to Engineers and Geoscientists BC when they are seeking SEABC input on a technical matter.*

*Anyone with interest in participating on a Technical Subcommittee or Task Group 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., P.E., LEED AP  
Chair, Technical Committee**

## 5. Young Members Committee Report

*The Young Members Group (YMG) Committee's mission is to promote the interest of our young members through initiatives in the areas of Professional Development, Networking, Registration Assistance, Communications, and Outreach. The YMG committee is supported by a team of passionate and like-minded young volunteers. The committee featured reoccurring YMG events with continued success, and launched several new initiatives for our young members.*

*The YMG 9th annual Young Engineer Presentation Competition in February 2020 featured five outstanding presentations by our young members. Since the inception of YMG's annual flagship event in 2012, the YMG has featured 45 young members' presentations.*

*The SEAQs (Structural Engineers Ask/Answer Questions) are informal meet-up sessions for young members to come together to ask and answer each other's questions in a non-judgmental and open environment. The event starts with a short informal presentation on an engineering topic of interest, followed by an opening discussion amongst the attended. The SEAQ is an initiative geared toward professional development and networking and was launched by the YMG back in 2018. Four well attended SEAQ sessions were held in 2019.*

*The YMG continues to put on project tours and networking events such as pub socials following seminars and tours. The YMG continues its efforts in community outreach by sponsoring a prize at the Greater Vancouver Regional Science Fair to encourage elementary and high-school students to study subjects related to the field of structural engineering. We also continue to partner with young professional group of other association in networking and community outreach initiatives.*

*The committee is also responsible for allocating funding from SEABC to UBC and BCIT to support student activities such as student design team, seminars, project tours, and industry nights. The YMG benefits from having student representatives from both UBC and BCIT serving on the YMG committee.*

*The YMG committees continues to grow in membership and works closely with our Okanagan and Vancouver Island YMG Representatives. The continued success of the YMG is only possible with the dedicated team of YMG volunteers who are committed to improve and expands YMG's service.*

**Stanley Chan, P.Eng.**  
**Chair, Young Members Group**

## **6. Webmaster's Report**

*The SEABC website continued to work for members in 2019:*

*2019 in numbers:*

- *The year closed with a total of 875 members.*
- *The Education Committee, Young Members Group, Vancouver Island and Okanagan Branches hosted no fewer than 24 seminars, workshops, tours and social evenings through the year. The Young Members Group co-hosted several networking events with other industry groups.*
- *The SEABC Newsletter readership had over 1,000 subscribers (granted, some are double-subscribed members with work and personal email addresses)*
- *We broadcast 77 announcements via 81,270 email messages.*
- *SEABC had over 200 followers on Twitter.*
- *We proudly hosted 79 listings in the Directory of Structural Engineering Firms.*
- *The inaugural photo competition received more than 30 entries.*
- *Our website hosted video recordings and/or course material for 49 archived seminars and workshops.*

*Staying in touch:*

- *If your firm is not yet listed in the Directory of Structural Firms, you are missing out. Add your firm at [seabc.ca/corporate](http://seabc.ca/corporate).*
- *Promote your firm by showcasing project photos with the website Photo of the Month feature: [seabc.ca/pom](http://seabc.ca/pom)*
- *Members-only access to video recordings and seminar handouts is available at [seabc.ca/videos](http://seabc.ca/videos).*
- *Bookmark the SEABC home page for a quick glance at what is happening: [seabc.ca](http://seabc.ca).*
- *Follow us on Twitter: [twitter.com/SEABC](https://twitter.com/SEABC).*

**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 of items of technical interest.*

**2020 Branch Executive:**

Thor Tandy: [vicpeng@telus.net](mailto:vicpeng@telus.net)  
Dan Gao: [dgao@rjc.ca](mailto:dgao@rjc.ca)  
Stephen Pienaar [stephen@pienaar.ca](mailto:stephen@pienaar.ca)  
James Macauley [jmacauley@glotmansimpson.com](mailto:jmacauley@glotmansimpson.com)  
Dan Weber [DWeber@rjc.ca](mailto:DWeber@rjc.ca)

**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.

**Events in 2019:**

While the best of plans developed, 2019 still scarce on real events.

**Recent Events:**

- 1) *Branch Webpage: The Branch now has a dedicated web link on the SEABC website. It is still mint, so we are in the process of finding and inserting content*
- 2) *Executive Meetings: We meet every three months or so and we extend a warm invitation join us. Please contact an exec member if you would like to be notified.*

**Proposed Events:**

- 1) *Rammed Earth: "Ancient art seeking technical rationalization". Under construction.*
- 2) *Non-structural Components: – "What Not To Do". Aiming to hold in May.*
- 3) *Impacts of Long-Duration EQ's: Presentation on the impact of long-duration EQ's vs code design. VI is probably a beneficiary of such a talk. In process of seeking presenter(s).*
- 4) *Proposed Social event(s):*
  - a) *Q&A events where networking and workshop/presentation of a code issue that is perhaps being misunderstood.*
  - b) *Events that will attract young members: follow up to intake numbers rising at both Camosun College and UVic.*

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

**Contact:**

**Thor Tandy**  
*vicpeng@telus.net*  
**Thor Tandy, P.Eng., Struct.Eng.,**  
**Branch Chair**

## 8. Okanagan Branch Report

*The Okanagan Branch continues to organize local SEABC seminars and other activities.*

**Meagan Harvey, P.Eng.**  
**Branch Chair**

## 9. Financial Statements (unaudited)

**Surinder Parmar, P.Eng.**  
**Treasurer**

**SEABC**

Comparative Income Statement

**Financial Statements (unaudited)**

<b>REVENUE</b>	<b>Actual 01/01/2019 to 12/31/2019</b>	<b>Actual 01/01/2018 to 12/31/2018</b>
<b>Revenue</b>		
Individual Member Dues	64,151.39	95,500.83
Interest revenue	430.35	1,540.43
Capital gain/Loss	5,631.61	0.00
Dividends CAN \$	7,452.03	0.00
Dividends US \$	6,679.14	0.00
Non-Res-Tax withheld	-847.01	0.00
Foreign exchange	-4,926.08	0.00
Managment fees-Investment	-6,313.84	0.00
AGM attendance fees	1,252.38	0.00
<b>Total Revenue</b>	<b>73,509.97</b>	<b>97,041.26</b>
Special Events Revenue		
Special event registrations	0.00	-10,340.34
Total Special Events Revenue	0.00	-10,340.34
<b>TOTAL REVENUE</b>	<b>73,509.97</b>	<b>86,700.92</b>
<b>EXPENSE</b>		
<b>General and Administration</b>		
Administrative secretary	5,070.00	3,044.00
Registrar	900.00	2,520.00
Office expenses	358.72	0.00
Bank charges	160.83	153.54
Non-deductible penalties & interest	0.00	39.29
Board meeting expenses	1,585.88	825.04
AGM expenses	25,382.10	21,091.50
Accounting/legal	16,234.58	3,982.28
Miscellaneous	1,500.00	69.08
<b>Total General and Administration</b>	<b>51,192.11</b>	<b>31,724.73</b>
<b>Education</b>		
Secretarial & Event Planner	870.00	980.59
Jim Warne Award 16-17-18	1,000.00	1,000.00
BCIT CSCE Student Chapter	2,500.00	6,200.00
UBC CSCE	3,000.00	3,000.00
Seminar venue and catering	5,599.00	850.00
Speaker expenses	245.66	150.00
Webcasting	2,802.75	2,372.50
<b>Total Education</b>	<b>16,017.41</b>	<b>14,553.09</b>

**SEABC**

Comparative Income Statement

**Financial Statements (unaudited)**

	<b>Actual 01/01/2019 to 12/31/2019</b>	Actual 01/01/2018 to 12/31/2018
<b>Structural Practice</b>		
NCSEA dues	0.00	0.00
WCSEA dues	0.00	856.19
Committee travel and expenses	3,441.02	2,068.66
Miscellaneous	1,370.60	0.00
<b>Total Structural Practice</b>	<b>4,811.62</b>	<b>2,924.85</b>
<b>Communications and member services</b>		
Newsletter	4,720.00	4,440.00
Website maintenance	604.81	651.73
YMG meeting expense	121.09	722.95
Professional Development	1,038.69	1,660.06
Social networking	768.11	912.04
Outreach	250.00	130.95
Engineering Competition	1,275.15	1,308.15
<b>Total communications &amp; member srvs</b>	<b>8,777.85</b>	<b>9,825.88</b>
<b>Corporate affairs</b>		
Books	1,147.07	848.43
<b>Total Corporate Affairs</b>	<b>1,147.07</b>	<b>848.43</b>
<b>Chapters</b>		
South Island chapter expenses	2,602.73	109.83
Okanagan chapter expenses	3,937.97	0.00
<b>Total Chapter Expenses</b>	<b>6,540.70</b>	<b>109.83</b>
<b>Special Events</b>		
Event venue and catering	8,352.69	21.69
SEABC-IABSE Conference OC	0.00	1,721.29
<b>Total Special Events</b>	<b>8,352.69</b>	<b>1,742.98</b>
<b>TOTAL EXPENSE</b>	<b>96,839.45</b>	<b>61,729.79</b>
<b>NET INCOME</b>	<b>-23,329.48</b>	<b>24,971.13</b>

**Surinder Parmar, P.Eng.,  
Treasurer**

Generated On: 02/19/2020

**SEABC**

Comparative Balance Sheet

**Financial Statements (unaudited)**

	<u>As at 12/31/2019</u>	<u>As at 12/31/2018</u>
<b>ASSET</b>		
Current Assets		
Royal Bank 108 795 6	74,588.75	531,674.78
RBC 108 980 4	16,279.33	12,931.90
Petty Cash	93.58	87.50
Total Cash	90,961.66	544,694.18
RBC CAN 370- 81503-1-7	268,671.50	0.00
RBC U.S. Dollar 370-81503-1-7	145,279.22	0.00
RBC US \$ exchange 370-81503-1-7	43,409.43	0.00
Total Investments	457,360.15	0.00
Total Current Assets	548,321.81	544,694.18
<b>TOTAL ASSET</b>	<b>548,321.81</b>	<b>544,694.18</b>
<b>LIABILITY</b>		
Current Liabilities		
Owe to IABSE	20,296.38	20,000.00
Accrued Liabilities	2,050.00	2,050.00
Unearned Revenue	22,600.22	3,213.00
HST/GST Payable	-6,143.18	-16,186.00
HST/GST Charged on Revenue	3,270.23	4,775.05
HST/GST Paid on Purchases	-2,961.01	-1,696.52
HST/GST Owing (Refund)	309.22	3,078.53
Total Current liabilities	39,112.64	12,155.53
<b>TOTAL LIABILITY</b>	<b>39,112.64</b>	<b>12,155.53</b>
<b>EQUITY</b>		
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
IABSE-Contributions	244,536.05	244,536.05
Total Equity Contributions	344,847.28	344,847.28
Owners Equity		
Surplus Contributions	187,691.37	162,720.24
Current Earnings	-23,329.48	24,971.13
Total Owners Equity	164,361.89	187,691.37
<b>TOTAL EQUITY</b>	<b>509,209.17</b>	<b>532,538.65</b>
<b>LIABILITIES AND EQUITY</b>	<b>548,321.81</b>	<b>544,694.18</b>

**Surinder Parmar, P.Eng.,  
Treasurer**

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