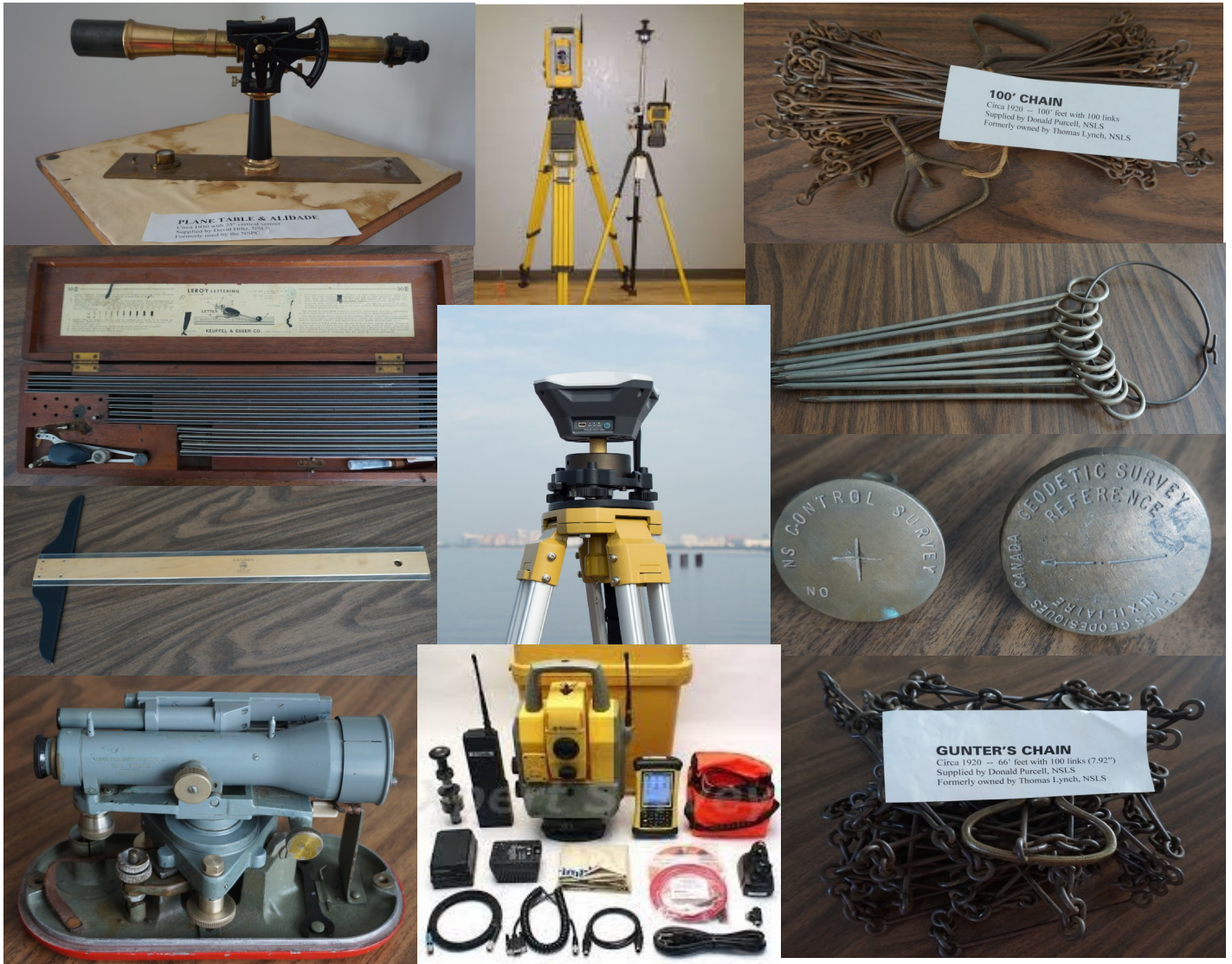


THE NOVA SCOTIAN SURVEYOR

Spring 2021

No. 209



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THE NOVA SCOTIAN SURVEYOR

SPRING 2021

No. 209

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THE NOVA SCOTIAN SURVEYOR

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PRESIDENT'S REPORT

Peter A. Berrigan, P.Eng., NSLS



It has been enjoyable to serve as your President thus far, but trust me, it has not gone exactly as I had envisioned just two short years ago. Every single meeting with Council, sub-committees and other Provincial Associations has been a “virtual meeting”. I do hope that this does not become our new “normal”. This year I have

virtually attended New Brunswick, Ontario, British Columbia, and Alberta. Additional meetings are approaching, and they too will be attended virtually by myself and/or your Vice President, Andy DeCoste. I would have very much enjoyed the travel aspect and the comradery the other Presidents create while on adventures. It was something Jane and I had planned and budgeted for, but alas, it will have to wait until another time in the future.

Virtual meetings do have their benefits. It removes travel to a designated area and reduces the risk of travel during in climate weather. Also, you need only dress from the waist up as pants can become optional for the individual and you can relax in your favorite pair of pajamas. Not that the later ever occurred but it did cross my mind during some of the later Nova Scotia evenings when virtually attending meetings from our western Provinces. It was interesting to see the various platforms used across the country. Many Provinces opted for pre-recorded seminars which could allow you to view the seminar at any time throughout the day but only to begin at a designated hour. I was able to meet and chat with various colleagues I hadn't seen since my glory days at UNB. Most of the talk from across Canada related to reduced travel expenses, membership holding steady and various forms of Complaints and Discipline.

A few further highlights are below:

New Brunswick (January 21-22)

Beginning in March, New Brunswick teamed up with Service New Brunswick (SNB) to manage plan vali-

dation seals and will give SNB access to their plans to enhance property mapping. Plans are not resold to the Public.

Ontario (Feb 24-26)

Council meeting minutes are available to members and they have a new website and improved transparency. The Provincial Survey Records Index is up and running with nearly 3 million records now stored. Ontario will look how to improve their AGM...will it be virtual in the future?

British Columbia (March 10-12)

Financially, like other Provinces, the reduced travel is a cost savings. British Columbia recently completed a new Strategic Plan. Initially they were concerned by declining number but came out a little better than anticipated. The Professional Governance Act (PGA) has consumed a lot of their time. The PGA provides authorities for the key functions and structures of a regulatory body including overall duties and responsibilities, governance structures (council and committees), establishing bylaws, holding meetings, enrolment procedures, and disciplinary actions.

Alberta (April 15th)

The Province released an expression of interest to privatize the Land Titles Registry System. Alberta's focus has been on Professional Governance as the Province is developing the Professionals Act. Discipline and Complaints seem to be increasing within the Province.

If you recall at our virtual AGM in October, I set out 4 modest goals to accomplish throughout the course of my Presidency. These were 1) Illegal Practice by Non-Surveyors, 2) Standards of Practice, 3) Committee Structures and lastly, to reach out to every member of our association before our October AGM.

1) Illegal Practice. One issue had been forwarded to the Act Enforcement Committee and a second case was immediately acted upon by myself, Tina Tucker (Executive Director) and our legal counsel. Although not perfect, we do now have the basics for a standard letter that could be sent to an individual. This includes that person to respond back to the Association office in writing that they will remove advertising, refrain from providing

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survey services and refrain from advising the public.

Additionally, we have received comment from legal counsel that we can publish said person's name in local media and state facts such as "person ABC is not a licensed Nova Scotia Land Surveyor and any work they do is in violation of the Land Surveyors Act". By having in writing that the individual will refrain from further survey services, allows for stronger documentation if things would have to progress further in a legal setting. I do believe there are many more cases out there and we are unsure how to approach them or if we should just ignore it. If we don't jump on those who are providing services that need to be done by a Nova Scotia Land Surveyor, then you are only hurting yourself. Too many believe they have the ability to conduct "survey" work and they should be reminded that's just not the case. We will continue to work on a procedural flow chart on how to best respond to any issues forwarded to the Act Enforcement Committee.

- 2) Every month or so I have a good chat with our Survey Review Department manager, Paul Harvey. Paul, Tina, and I get emails and phone calls from other practicing members to complain about other members not following our own Standards of Practice. The simple brushing open, blazing and painting property lines seems to be a common occurrence. Are there circumstances that would allow us to question the above, yes...but on a recent multi lot subdivision survey far into the middle of the woodlands of Nova Scotia, here 20+ survey boundary lines measuring in excess of 200 metres did not have a single tree cut, blazed or marked. Survey pins were along the roadway and shoreline of a lake and a few flags hung every 30m. What happens when the flags fall off the limbs? The Qualified Person who was looking to select a septic system for a lot could not properly identify the lot or the side property lines. That is why they retained the services of a NSLS who couldn't believe what they observed. What service are we providing to our client? I can't speak for every surveyor in Nova Scotia but business is booming! Why do we look to shortcut and find loopholes to lower our value and service we provide to a client? It's not necessary. Explain the value added to the

service you should be providing, and it makes it better for the client and yourself as a professional.

- 3) Committee structures are something that is always evolving. Do we need all the committees we have?

This topic is still up for discussion and we will continue to make improvements that best serve the members of the Association.

- 4) I still intend to reach out to all members by telephone between now and October, prior to our AGM. Whether that be a virtual AGM or in-person, will be decided by us individuals following the "Standards of Practice" as described by Dr. Strang, Nova Scotia's Chief Medical Officer. If we can follow Dr. Strang's rules, please make a better attempt to follow our own!

In early April, John Somers of the Nova Scotia Environment prepared a presentation on the Coastal Protection Act. It was very good to see member attendance in the mid 70's during this presentation. Many questions were asked and responded to accordingly. Most of the questions related to OHWM, upland ownership, foreshore and what means of tools will a Designated Professional use to determine these required setbacks. The fact remains that the Coastal Protection Act refers to the OHWM but ignores that this is the Title Property boundary for an upland owner.

As of now, the Coastal Protection Act is not yet recognizing Nova Scotia Land Surveyors as future Designated Professionals to use a prepared spreadsheet and observations of the OHWM and then determine a minimum horizontal and vertical setback. If you don't think this infringes on what exactly our own Land Surveyors Act instructs us to do, you are mistaken. We continue to have open conversation to remind them exclusively our Land Surveyors Act, our training, expertise, available tools and equipment and the professional product that we can provide landowners, Municipalities, contractors, etc. The Nova Scotia Land Surveyors had the opportunity to be exclusive Qualified Person for the selection of on-site sewage disposal systems in 1997 but we ended up being too hesitant to get involved. Here before us is another opportunity to become the Designated Professional and we have all

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the qualifications and knowhow to complete what will be required. We will continue to engage John Somers and request the opportunity to test the spreadsheet and show the valuable product we as Nova Scotia Land Surveyors can provide. Lastly, I would like to end on the excellent work Tina Tucker has provided to our Association over the past year. As you are aware, Tina will be leaving our Association to pursue other endeavors. We can all thank her for bringing our Association in line with the Fair Registration Practices Act (FRPA), continued

persistence in the implementation of Policy and Procedures and her overall efficient means of running the Association Office with assistance from Lexi and Cathy. In Tina's short time here, she has pointed our

Association the right direction and we will need to find an individual who can fill the position and keep our momentum going forward. This, we know, will not be an easy task, but it gives us now the opportunity to evaluate the office as a whole and look to fill the void with a quality individual that will direct us correctly going forward and maintain the direction Tina has pointed our Association toward.

On a more positive note, the Association of Nova Scotia Land Surveyors office has a Purchase and Sales Agreement in place for the sale of our office building. I do believe members will be satisfied and further information will be released at a later time.

I trust all members are having a great year both financially with a booming real estate economy and with your own personal health! Be safe everyone and look forward to me contacting you in the near future.



NSCRS Adopt-a-Monument and NSHPN Submissions

By Lee Chaulk, NSLS #672

The Nova Scotia Coordinate Referencing System (NSCRS) has been using a crowdsourcing initiative called "Adopt-a-Monument" for over 6 years now. Over that timeframe, 22 surveyors have enrolled in the program and approximately 259 monuments have been adopted by those surveyors. The program takes advantage of the diverse geography of surveyors throughout the province and allows them to take ownership of Nova Scotia High Precision Network (NSHPN) monuments, which they use on a regular basis. Once a monument is adopted, surveyors are required to perform the following annual tasks using tools built into the NSCRS coordinate referencing viewer:

- Monument status updates when changes are observed.
- Yearly image uploads of monument condition and general site conditions.
- Clearing of brush and trees to improve GNSS visibility.
- GNSS data submissions of monument position/integrity on a semi-annual basis.

This program is one of the ongoing programs that the NSCRS has been using to maintain Nova Scotia Control Monuments (NSCM) throughout the province. If you are looking to get NAD83(CSRS)2010.0 v6 coordinates published for a specific NSCM, you can do so without adopting that particular monument. Any NSCM can be upgraded to NSHPN status by submitting GNSS data following these instructions:

- 3 data submissions of either NRTK (min. 10 mins at 1 second intervals) or Static GNSS (min. 30 mins at 1 second interval).
- 1 of the data submission needs be recorded on a separate day, with a different operator and GNSS receiver.
- Images of each observation set, general site conditions, and monument condition.

Published values for newly calculated NSHPNs are released approximately every 6 months on the GeoNOVA Coordinate Referencing Viewer. If you would like more information on how you can participate in the Adopt-a-Monument program, or more detailed information on how to provide data submissions for NSHPN monuments, please visit www.GeoNOVA.ca or email at geoinfo@novascotia.ca. ☒

EXECUTIVE DIRECTOR'S REPORT

Tina Tucker, MA, MEd

WORK OF ANSLS COMMITTEES

Continuing Education Committee

This year's Spring Seminar was held on May 7th, 9 – 11:30 am. Ninety-five members attended virtually via GoToMeeting. The seminar was organized by members of the CE Committee: Blake Beaton, Jody Isenor, and Robyn Ash. Council appreciates their time and commitment to ensuring on-going continuing education to our members. Topics and presenters:

- "Land Titles Initiative – An Overview", presented by Karalee Oliver, Community Navigator with the Office of Equity & Anti-Racism and Lara Morris, Director of Organizational Strategy and Renewal, Department of Lands & Forestry.
- "Open Data Sources" presented by Robyn Ash, Crown Land Surveyor
- "NSCRS User Guide – Update" by Stephen Acker, managing partner at Acker & Doucette Surveying Inc.

All materials are now available on our website under the Resources tab.

Mandatory Professional Development Committee

As you can imagine, it is no easy task to review member MPD forms to ensure each category entry meets the correct criteria and is assigned the correct number of points. Many thanks to Buster Davison, Andrew Giles, and Michael Crant for their diligence and time on this important ANSLs mandated activity. I also want to thank Cathy McInnis for supporting this committee and preparing letters for members.

Nova Scotia Board of Examiners

In addition to their usual work, the Board has had to adapt some of their processes to accommodate Covid-19 restrictions. This includes virtual swearing-in ceremonies and securing alternate sites for invigilation of jurisdictional exams. Many thanks to Kevin Robb, Andrew Sutherland, Ernie Black, Kevin Brown, and Eddie Mariner. Also, a big shout-out to Lexi Ottenbrite for supporting this committee and for the creation of an electronic Candidate data base.

NSCRS User's Guide

A new version of this guide is now available on our website. We appreciate all the work done by this ad hoc committee: Stephen Acker, NSLS, P.Eng., Robyn Ash, NSLS, Maciej Bazanowski, Ph.D., Jason Bond, Ph.D., P.Eng., NSLS, Lee Chaulk, P.Eng., NSLS, and Andrew Morse, CLS, P.Eng., NSLS.

ANSLs Now in Compliance with the Fair Registration Practices Act (FRPA)

On March 9th, we received a letter stating that the ANSLs is now in compliance with the Fair Registration Practices Act. I last reported that in July 2020, the ANSLs completed a FRPA Progress Review of registration practices. Findings of this review revealed five practices that were not compliant with the FRPA. These findings resulted in the following actions being assigned:

1. Document accommodation practices for applicants with a physical or mental disability (s.16(3)(h)).
2. Document what alternative information would be acceptable in cases where an applicant cannot obtain documentation for reasons beyond their control (9(b), 16(3)(c)).
3. Document the process under which requests for access to records are considered (s.12, 16(3)(j)).
4. Document the internal review/appeals process including:
 - a. Timeframes;
 - b. Opportunities to provide new information;
 - c. Written decisions;
 - d. Conflict of interest statement regarding decision-makers;
 - e. Ways process is made available to applicants (s. 7(a), 10, 16(3)(m), 16(3)(n)).
5. Develop a training plan for internal review decision makers, which may include training on administrative law and cultural competency (s.11, 16(3)(p)).

In response, the ANSLs committed to develop and document policies and processes to address the gaps in registration practices over the following six months.

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I worked with the Board of Examiners and Council to draft new policies and processes. Draft policies were shared with the FRPA Review Officer in the development phase and feedback was provided to me on January 4, 2021. At that time, the Access to Records, Alternative Documentation, Accommodations policies, and decision-maker training plan were reviewed in the context of the FRPA and acknowledged as meeting requirements with minor suggestions. The Appeals Policy was a work in progress and was reviewed again by the FRPA Review Officer who provided email communication on February 25, 2021 to suggest one edit but otherwise, the newly documented policy met all requirements of the FRPA.

The Review Officer, Patricia Mertins, stated that the ANSLs has done a commendable job to address these gaps in registration practices. She stated that to ensure that registration practices are transparent, objective, impartial and procedurally fair the Appeals Policy should be posted to the ANSLs website and all new policies must be implemented as part of the on-going registration practices of ANSLs.

Technology Upgrade

We have contracted with a locally owned company based in Dartmouth, Digital nGenuity Consulting Ltd., for the following deliverables:

- Hosted Phone System (VOIP)
- Hosted website
- Installation of Microsoft 365 to ensure we have access to all this platform has to offer
- Capacity to work remotely with access to all network drives/desktops
- Sage (Simply Accounting) to accommodate simultaneous use by two users
- Sharing files and data bases
- Safe storage of all files, some of which are quite sensitive

Over the next several weeks, I will dedicate my time to finalizing the strategic plan, the office procedures manual, and the Complaints Committee Manual. I will also prepare a workplan for the next Executive Director. It's been a real pleasure working with staff, council, committees and members at large.



BLAST FROM THE PAST

Volume 3, Number 6, Page 3

Note from the Editor

Notice to all Surveyors

Boys some of us are good at finding old boundary lines but the Secretary Treasurer tells me that the hardest thing to find that he has so far encountered is a Nova Scotian Land Surveyor who has moved to another place of residence and left no forwarding address. It costs \$.05 to send an ordinary letter and \$.08 to send this Quarterly to your last known address, right or wrong, its your money, so if you move be sure and leave a forwarding address if you are in this world.

R. E. Millard, P. L. S.
Managing Editor

2021 COGS AWARDS

George T. Bates
(highest standing)



Wil MacMillan

Wil grew up in West Hants, NS and has also lived in Quebec and Northern BC. He received his BBA from Bishop's University before deciding to pursue a career in surveying. Wil enjoys hiking, music, and spending time with friends. He is currently working with Ollerhead & Associates in the Northwest Territories and looks forward to returning to COGS in September. Wil's goal is to become a licensed surveyor and operate his own business.

J.E.R March
(best field notes)



Tyler Jeffrey

Tyler grew up in Hillsborough, NB and worked in the construction industry in NB and Alberta for 14 years, including 4 years of operating GNSS guided dozers, graders, and excavators. During his time in Alberta, he had the opportunity to work as a grademan, and was able to topo and design small jobs. Working with other surveyors and learning about the industry really captivated his interest, and he decided to pursue a career in the field by going back to school, to take the Survey Technician program at COGS. His first year at COGS was a challenging but incredible experience, because of the faculty's knowledge and real-world experience, and he is grateful for everything he learned. Tyler is looking forward to returning to COGS in the fall for the Geomatics Engineering Technology program.

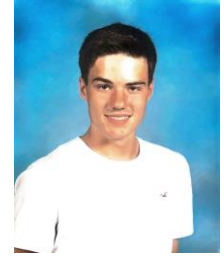
J.A.H. Church
(most progress)



Henry Morrow

Henry grew up in Lunenburg and graduated from Park View Education Centre. He later attended Akerley Campus and graduated from the Boulangerie program, and spent six years working in the culinary field. When the pandemic devastated the food service industry, Henry made the decision to seek out a new career. An avid rock climber and hiker who is most at home in the wilderness, he was looking for career options that would be well-suited to his love for the outdoors. After speaking with other COGS graduates and exploring options, he set his sights on becoming a survey technician. Completing the course through the virtual environment was especially challenging, but the dedication of instructors like Neil Omerod made the year a success. Henry is currently employed with Thompson Conn Limited.

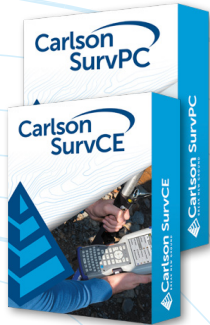
John S. Pope
(most progress over 2 yrs)



Tanner Cress

Tanner grew up in Lawrencetown, NS two kilometers from COGS. Growing up he was not sure what he wanted to do after high school, but decided to take the Survey Tech course after a little research and realized that it may be perfect for him. He studied at COGS for two years, taking the survey technician and geomatics engineering technologist courses. He is currently enrolled at UNB as he looks to continue his surveying education in geomatics engineering. Tanner worked for IBW Surveyors from home since the summer of 2020 and is still currently working for them. He enjoys drafting plans, and performing boundary and construction calculations. He looks forward to his future in surveying and plans to become a NSLS or CLS with hopes of starting his own surveying company in the future.

For every stage of the project, CARLSON HAS YOU COVERED



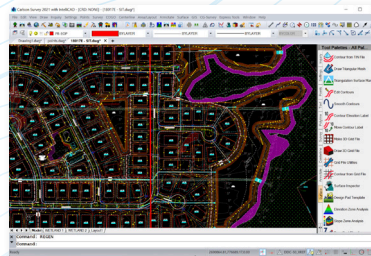
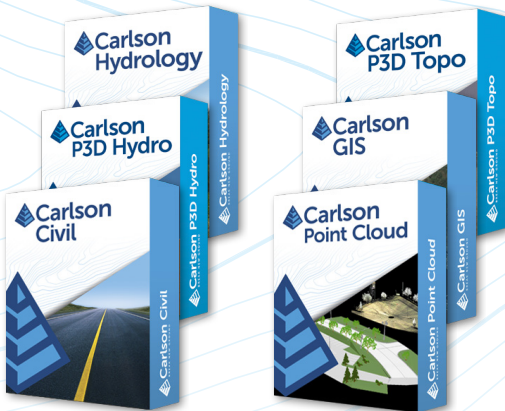
From the Field



To the Office



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Good News on the Diversity Front...

Retrieved from [Majority female-owned land surveying firm marks significant ESG milestone | BOE Report](#)

BOE REPORT

Majority female-owned land surveying firm marks significant ESG milestone

Universal Geomatics Solutions Corp. (UGS) is excited to announce that it has recently become a majority female-owned business, after recent share transactions within its existing shareholder group. This is a significant milestone for Environmental and Social Governance (ESG) at UGS. A purpose-driven company, UGS champions best-in-class initiatives in sustainability for industry. Diversity and inclusion are critical to the company's ongoing success and UGS is proud that its commitment to equal opportunity is now evident within its ownership structure. "One of the first things I noticed when I started working for Universal, was the level of diversity in the boardroom. This company and its ownership team have impressed me over the years with all that they have managed to accomplish, but this is truly momentous." – Mandy Lunn, VP Strategic Sustainability & Innovations at Universal Geomatics Solutions Corp.

A landmark year for UGS, the company's progress over the course of 2020 can be attributed to the dedicated contribution of every employee. From the staff's unparalleled engagement in environmental sustainability and Indigenous inclusion, to flawless execution of the COVID-19 business continuity plan in transitioning to remote work, the team at UGS has come together to enable the company to thrive.

UGS is a high-performance geomatics firm, providing client-focused solutions in land surveying, construction support, mapping, and project management to a variety of industries, including the upstream, midstream, and downstream sectors of the oil and gas industry, since 1986. ☒

TAKE NOTICE

ANSLS 71st Annual General Meeting

The ANSLS Annual General Meeting and social events are currently scheduled for October 14th – 17th, 2021. A decision will be made based on public health restrictions as to the format for the AGM. It is possible that a virtual meeting, a combination of virtual and in-person meetings, or a regular in-person meeting, will be held. Members will be notified as soon as possible.

(Room Booking nights October 14th – 16th)

Oak Island Resort & Conference Centre

Western Shore, Nova Scotia

www.oakislandresort.ca

OBITUARIES

PIGGOTT, WILLIAM WESTON, “BILL”, NSLS #492 – Age 94, of Halifax, NS, passed away peacefully Wednesday, October 28, 2020, after a short stay at the Soldiers Memorial Hospital, Middleton. Born in Centrelea, NS, he was the son of the late Calvin and Blanche (nee Messenger) Piggott. After high school, Bill attended Acadia University studying engineering through the Canadian Army University Corps (CAUC). Once army training was finished, he and a good friend (*John Fiske, NSLS # 143*), boarded a train to Halifax to head overseas to only help quell the Halifax VE Day riots. The war in Europe having ended, the pair signed up to go to the Pacific. After training, they were again boarding a train to only find out the Pacific war ended. The pair always joked they ended WWII because they knew Bill and John were coming. Bill returned to university to finish his degree in civil engineering at NS Technical College, where he met the love of his life, Cay. After graduating in 1949, he received his NSLS commission and managed to follow his love around the province from Cape Breton, where he assisted in designing and building the Cabot Trail (Cay was working at Keltic Lodge) to Digby (where Cay was head waitress at the Digby Pines). Shortly thereafter, they were married and Bill began working with the NS Dept of Highways. In 1965, a promotion brought them to Halifax where Bill worked for many years as Chief Engineer for the Provincial Department and retired in 1986 as (acting) Deputy Minister and resigned his commission in 1987. Bill was proud to have worked on many important projects including the Cabot Trail, Canso Causeway, Bear River Bridge, Windsor Causeway and the 100 series highways. Bill enjoyed camping and the outdoor life, whether competing with his neighbor Lloyd for the best garden (when they lived in Truro), or taking his family on a TransCanada camping trip across Canada and the USA for their family Centennial project. While keeping active with family and friends, Bill found time to help coach the Halifax Bruins in the Halifax Minor Hockey Association with another good university friend and famous Acadia hockey player, Doug “Red” Fraser, while encouraging his three sons in all of their sports pursuits. Bill and Cay enjoyed summers at their family cottage on Shortts Lake, with their many Truro friends, and teaching family and friends how to water ski. Bill was a loving husband of 58 years to the late Catherine “Cay” (nee Kelley) Piggott. He is survived by his sons Calvin (Judy), Dan (Deb) and Jim (Yvonne); grandchildren Matthew (Jennifer), Amila (Joe), Thomas (Laura), Robert (Fiona), and Liam. Besides his wife, he was predeceased by his sister Calvina Jefferson. Donations in Bill’s memory can be made to Bridgetown United Baptist Church, VON Greater Halifax, Heart and Stroke Foundation, or a charity of your choice.

BUSHELL, NORRIS LEONARD, NSLS # 85 – Age 92 , of River John, NS has passed on November 19, 2020 in Sutherland Harris Memorial Hospital, Northumberland Veteran's Unit, Pictou. Born in Hazel Hill, NS, he was a son of the late Sidney Bushell and Letitia Narraway Mary Hart. After high school, Norris joined The Canadian Army Reserves from 1944-45 and became a Bren gun instructor. After the War, Norris attended the Nova Scotia Land Survey Institute in Lawrencetown and received his NSLS commission in 1951. One of many notable surveying projects took him to Labrador where he worked on the Distant Early Warning Line (now known as the North Warning System) for radar installations in the mid 1950's. Norris resigned his commission in 1980. Norris developed a love of the outdoors which he enjoyed with his 11 siblings, especially hunting and fishing. Norris had a natural talent for creating things solely from nature, which led to his own unique style of DIY and built toys for his children, from stilts to diving towers. His children would accompany him while hunting on the family property.

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OBITUARIES

Norris is survived by his children; Sally Tilton Jackson (Mike), Norris Frederick Bushell (Emanuele), Valerie Hart Jollimore and Lesley Ellen Pretty (David); and his youngest sibling June Jarvis. Norris was predeceased by his wife of nearly 63 years, Jane S. H. Moseley; and daughter, Jane "Jan" Narraway Hart Perks; six sisters, Pauline MacPhee, Nancy Peters, Alice Burrows, Diana Geil, Dorothy Hutchinson, Valerie "Chick" Rogers; four brothers, Arnold, Lee, Martin, Norman "Bim". Donations in Norris' memory can be made to the Canadian Diabetes Association (CDA), Canadian Hard of Hearing Association (CHHA), Lillian Fraser Memorial Hospital, or a charity of one's choice. Special thanks to Dr. Robert Bush, Dr. Robert Cooper and the nurses and staff of the Sutherland Harris Memorial Hospital Veteran's Unit, for their compassion and excellent care of Norris. Online condolences can be made at: www.mmcfunerals.com.

RICE, EDWARD PATRICK, NSLS #246 – Age 90, of Weymouth, NS, passed away on November 24, 2020, in Tideview Terrace, Digby. Born in Weymouth, NS, he was the only child of Dixon and Lennie (Melanson) Rice. Ed attended grade school and since his Mother was bilingual, he was shipped off to St. Ann's College (*Université Sainte-Anne*), at the age of 14 years so he could be equally blessed. He later entered St. Francis Xavier University where he took two years of engineering. Ed joined the army and served for three years (1955-1958) in the first division locating battery, Royal Canadian Artillery at camp Shilo, Manitoba. During this period, he became proficient in sound ranging techniques, radar operation, and surveying, which helped in establishing coordinates for gun positions. In 1957, he applied to enter the Nova Scotia Land Surveying Institute at Lawrencetown. In reviewing correspondence between he and Major Church; the Major stated, "*Re SF98840 Gunner Rice, Edward Patrick, is infinitely better trained than 98% of students entering the school.*" That statement was later proven to be absolutely true when Ed walked out with an 85 average. Ed graduated in December 1958 and received his NSLS commission in 1959. In 1961, he became Assistant Secretary to *H. Burt Robertson, NSLS #124*, our Association Secretary. Burt was crafty, because once he had Ed trained, he resigned and Ed held the position of Secretary-Treasurer for nine years. Ed was well-organized and articulate. He knew every member by their first name, and they all respected him for his professionalism. He then became Councilor for Zone 4, was elected Vice-President in 1973, and took position of President in 1974. He has served on Financial Committees, Regulation Committees, attended CCLS meetings and was a moving force when he hired our first full-time business manager in 1975. Ed worked with Clark Surveys, Central Mortgage and Housing, and then an Engineering Supervisor with MT&T in New Glasgow until 1990. Shortly thereafter, he received a Life Membership. Since then, Ed and his wife, Betty, have been living in Weymouth, NS. He was a member of CISM and the Telephone Pioneers of America, first with Heather Council in New Glasgow, and then Digby Scallop Club. Ed was an active member of his Roman Catholic Church community, including being a Eucharist Minister, Sunday School teacher, and a Parish Council member. He was a life member of the Knights of Columbus (Sigogne Council in Clare). Ed is survived by his wife of 59 years, Elizabeth (Betty Tanner), daughter, Beth Gouthro (Charlie), Enfield; son, Dixon (Janet), Pittsfield, MA; grandchildren, Emily and Patrick Rice (Boston) and Adam Gouthro of Enfield. Donations in Ed's name can be made to St. Joseph's Cemetery Fund. Condolences at www.jaynesweymouth.com.

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OBITUARIES

MACNEIL, MICHAEL FRANCIS, NSLS #402 – Age 74, of Truro, NS, passed suddenly at the Halifax Infirmary on December 8, 2020. Born in Antigonish, NS, Michael was a son of the late Michael MacNeil and Beatrice (Samson). In 1968-69, Michael had articulated with Arthur Briggs, NSLS #347 in Cape Breton. After graduating from the Nova Scotia Land Survey Institute in 1971, he articulated with Gregory MacDonald, NSLS #311 in Lower Sackville, which resulted in receiving his NSLS commission in 1972. Shortly thereafter, began his employment with the Dept. of Transportation and continued for 32 years until his retirement in 2001. During this time, he was a Councillor for Zone 2 in 1998-1999. He later resigned his membership in 2004. He enjoyed his retirement travelling and one of his favorite past-time was Geocaching with good friends, where he had over 4,000 finds. He is survived by his loving wife of 51 years, Maureen (Forgeron) MacNeil; daughters, Wendy MacNeil and Jennifer (Dave) Courish; two grandchildren, Mark (Maggie) Courish and Kristin Courish and two great-grandchildren, Clara and Amy Courish. He is also survived by his five siblings, Margaret Ann (Ronnie) Dwyer, Roddie (Tanya) MacNeil, John (Judy) MacNeil, Simonne (Bill Perry) MacNeil and Paul (Anna) MacNeil. Donations in memory may be made to the St. Louis Cemetery Fund or the Heart and Stroke Foundation. Online condolences may be made at www.ColchesterCommunity.com

OSMOND, INGWALD JOHN “JACK”, NSLS #300 – Age 80, of Bear Cove, NS, passed away at the Halifax Infirmary, QEII on March 22, 2021, surrounded by his family. He was born in Corner Brook, NL, son of the late Fred and Mary Osmond. After graduating from the Nova Scotia Land Survey School, John articulated with Ivan P. Macdonald, NSLS #211 in 1962 and with Edward J. Feetham, PLS in 1963, resulting in receiving his commission as PLS in 1963. He retired his NSLS commission in 2014. He was also Gold Seal Certified(GSC) by the Canadian Construction Association. Jack owned and operated numerous construction and demolition companies, namely; Atlantic Canadian Director of Operations for Phillip Services, Aurora Contracting & Environmental Limited, Casavecchia Environmental Limited, L.J. Casavecchia Contracting Limited, Scotia Trades Limited and MCH Group Limited. He was involved in industrial and construction sectors in Atlantic Canada for the past 40 years, with Texaco, Imperial Oil and Irving Oil refineries. Jack was a leader and pioneer in reforming and formalizing construction safety in Nova Scotia. He enjoyed boating, waterskiing, and stock car racing with his children. He also enjoyed travelling and spending time with his wife Heather at their home in Bear Cove. Jack is survived by brothers, Philip (Tanya) and Gary; his children from his first marriage, Cindy, Pictou; Jak, Vancouver; April, Windsor; Scott and his wife April, Porter's Lake, and Kean, Dartmouth; as well as eight grandchildren; and five great-grandchildren. He was predeceased by his wife, Heather Horne; parents, Fred and Mary Osmond; sisters, Ruth Nelson (Lloyd), and Betty Efford (Sam); and brothers, Derek and Fred. Arrangements are under the care of J. Albert Walker Funeral Home (2005) Ltd. A Celebration of Life will be held at a later date. In lieu of flowers, donations may be made to The Heart and Stroke Foundation. To leave words of comfort for the family, please visit his tribute wall at: www.walkerfh.com

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OBITUARIES

CUSHING, DAVID EDWARD, P.ENG., NSLS #429 - Age 82, of Dartmouth, passed away in the Dartmouth General Hospital on April 28, 2021 with Jane, his wife of 60 years, by his side. David was born in Liverpool, NS. Son of the late George and Marion (Shankel) Cushing. He grew up in Shelburne where he developed a love for nature. In 1961, He attended Acadia University and Nova Scotia Technical College and graduated with a B.Eng. He articulated with Paul Wendt, NSLS #199, from 1961 to 1974. Received his NSLS commission in 1974. Was a member of APENS 1974 – 1986 and member of AMALSC. Co-founded Alderney Consultants Ltd with Tom Swanson, NSLS #425 in 1974. He later retired his membership in 1994 and resigned in 2002. David maintained a wide range of interests; photography, woodwork, gardening, fishing, hunting, camping, reading, and a late turn to genealogy. David was solid and dependable, someone whom others could turn to in times of need, and a community-minded person who spent many years in the Scouting movement. He was happiest when enjoying life's simple pleasures like spending time with friends with a glass in hand, playing cards, horseshoes, or washers. David will be sadly missed by his friends and by his wife of 60 years, Jane; brothers Burke and Bob; his three children Susan (Shawn), Nancy (Alister) and Paul (Charlotte); and four grandchildren. We would like to thank the nurses and staff at Dartmouth General Hospital for their careful attention in his final days. Memorial donations can be made to the Shelburne County Genealogical Society, the VON or Hope for Wildlife. Condolences can be made at: <https://serenityfuneralhome.ca>

MacDONALD, RODERICK "RODDIE" J., NSLS #285 – Age 85, of Upper Washabuck, passed away peacefully at home on May 22, 2021. He was the son of the late Malcolm MacDonald and Catherine Agnes. Roddie received his Provincial Land Surveying commission in 1959 and was employed for 20 years as a Crown Land Surveyor with the Department of Lands and Forests. In 1979, he began his employment with Scott Paper Ltd. and spent another 23 years as Chief Surveyor and Crew Chief in the Corporate Woodlands Sector. After surveying all over the province, he retired his commission in 2002. He was a knowledgeable, colourful, humorous character who shunned praise, and was most happy at home with friends and family dropping in for a visit in the kitchen. Roddie is survived by his wife Laura (Morrison), his sisters Elizabeth (Roland) Chiasson, Mary Margaret Cottrill, and many nieces, nephews, grand nieces and nephews, two of whom he had a particular fondness, twins Rory and Alastair MacDonald. He is also survived by his sisters-in-law Sister Maryanne Morrison (CND), Susan MacKay, Christena (Alex) Boyd, Joanna Fraser, Florence Lowry, Beatrice MacDonald, Doreen Morrison, Betty Morrison, Carol Morrison, Margaret MacDonald, and Shirley MacDonald; as well as brothers-in-law Bert (Sarah) Morrison, Malcolm (Sandra) Morrison, and Gregory Morrison. Roddie was predeceased by his parents, his brothers Buddy, Duncan, and Joseph, and brothers-in-law Jim Cottrill, Bill MacKay, Charlie Morrison, Jim Morrison, Martin Morrison, Bert Fraser, and Max Lowry. He was very fortunate to live in a community with such supportive and helpful neighbours, and the family wishes to thank the neighbours for their kindness. The family would further like to thank Dr. J. Tribo, the Victoria County Home Support Services, and the Hospice Society of Victoria County for their exceptional care. Donations in Roddie's memory can be made to the Hospice Society of Victoria County or the Holy Rosary Cemetery Fund. Cremation has taken place and more details on a celebration of Roddie's life will be available at a later date. Condolences can be made at: www.foresthaven.ca. ☒.

Notes from the Side of the Road

**MEMBERSHIP STATUS**

Steven Keddy, NSLS #606, has resigned his retired membership in January 2021.

David Whyte, NSLS #523, has retired his membership in January 2021.

Edward Mariner, NSLS #625, has joined M. Berrigan Land Surveying Ltd. with an office in Port Hawkesbury as of May 2021.

CANDIDATE STATUS

David Chaisson joined August 2020 with DesignPoint Eng. & Surveying; articling with Kevin Brown, NSLS #601.

Mark LeFresne joined October 2020; articling with Stevan Forbes, NSLS #614.

Adam Thimot joined November 2020 with WSP Canada Inc.; articling with Adam Stephen, NSLS #653.

Jarret Green joined December 2020 with Dept. of Lands & Forestry; articling with Andy DeCoste, NSLS #567.

Neil Hanlon joined December 2020 with Allison Land Surveying Ltd.; articling with Michael Allison, NSLS #538.

Trevor Luddington joined February 2021 with Strum Consulting as a Labour Mobility Candidate.

Jacob Fortner joined March 2021 with WSP Canada Inc.; articling with Timothy Crowell, NSLS #674.

Cody Marchand joined March 2021 with Strum Consulting; articling with Blake Beaton, NSLS #628.

Taylor Smith joined April 2021 with Acker & Doucette Surveying Inc.; articling with Stephen Acker, NSLS #639.

Adam Fitzgerald joined May 2021 with Thompson Conn Ltd.; articling with Bryan Conrad, NSLS #679.

Natalie Burns joined May 2021 with DesignPoint Eng. & Surveying; articling with Matthew Williams, NSLS #678.

COMPANIES

Spade Geomatics has started business in December 2020 by Geoffrey Dick, NSLS #665.

Birds Eye Land Surveys has started business in March 2021 by Matthew Bigney, NSLS #625.

Oceanside Land Surveying Inc. has started business in May 2021 by Nolan Boutilier, NSLS #684.

NEW MEMBERS

Bradley G. Middlemiss,
NSLS #683
December 10, 2020

Nolan W. Boutilier,
NSLS #684
December 10, 2020

Trevor W. Luddington,
NSLS #685
May 6, 2021

Cyrus L. Steele,
NSLS #686
May 31, 2021



Dept of Lands and
Forestry



Oceanside Land
Surveying Inc.



Natural Resources Canada



Dept of Lands and
Forestry

****The next ANSLs jurisdictional exam will be held on Friday, October 1st, 1 - 4 pm. Interested candidates should contact Alexandra Ottenbrite at admin@ansls.ca to register and to confirm exam**

Minutes of the 70th Annual General Meeting
Association of Nova Scotia Land Surveyors
Via Go-to-Webinar
Friday, October 16, 2020

1. Meeting called to order at 9:35 AM by President Kevin Lombard
 - Number of voting members registered for the Virtual AGM **140**.
 - Number of voting members present for the Virtual AGM (quorum 35) **131**.
- a. Virtual Meeting Protocols:

Executive Director Tina Tucker reviewed the virtual meeting protocols, explained everyone is muted except the presenters, where the GoTo Dashboard was located and how to open and close it, where the handouts are located, the Q&A feature, the voting procedure and presented a test poll.
- b. Introduction of the Out-of-Town Guests:

President Kevin Lombard welcomed and thanked the out-of-town guests for attending to our Virtual AGM.

Andrew Mantha, President – Association of Ontario Land Surveyors
Bradley Middlemiss, Director of Surveys – Department of Lands and Forestry
Bruce Drake, President – Alberta Land Surveyors Association
Daniel Gautron, President – Association of Manitoba Land Surveyors
Jim Christie, President – Association of Canada Land Surveyors
Michael Thompson, Chair – Professional Surveyors Canada
Mudock MacAllister, President – Association of New Brunswick Land Surveyors
Orlando Rodriguez, President – Ordre des Arpenteurs Geometres du Quebec
Regan Rayner, President – Saskatchewan Land Surveyors Association
Shauna Goertzen, President – Association of British Columbia Land Surveyors

Bradley Middlemiss came on to introduce himself as the new Director of Surveys at the Department of Lands and Forestry. He has gravitated in his career towards process adoption, tech improvement, and business innovation. He is hoping to bring parts of that to Nova Scotia.
- c. Moment of Silence:

Everyone was asked to join in a moment of silence for those who are no longer with us since our last AGM. As the names were read out there was a PowerPoint presentation accompaniment.

Brian J. Cameron, NSLS #358
Robert “Kent” Carrick, NSLS #356
Cyrus “Joe” MacLellan, NSLS #273
Robert L. Hunt, NSLS #193
- d. Conduct of Meeting:

Parliamentarian Phil Milo reviewed the Provincial Minister’s directive dated 9 July 2020 from Honorable Chuck Porter, Minister of Municipal Affairs and Housing. Phil Milo reviewed some of the quotes from the directive and spoke to them.

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“ We shall not hold any statutorily required shareholder or member meeting in person.” Followed by many conditions and choices, “A virtual meeting may be in place of the required in person meeting. It shall be deemed an in-person meeting for purposes of any law of the province of Nova Scotia.”

“Other than that, Robert’s Rules apply, along with Common Sense, as we all would say; and as you have been told, although motions can always be made, everything will be typed and viewed by all.”

In regard to the voting procedure: “All votes are in fact secret ballots. That is, with the Yes or No choices on your screen, you are the only person who sees it. The system simply counts the yes and no votes.”

e. Presidential Address:

Kevin Lombard’s President’s Report is published in the Fall 2020 of the Nova Scotian Surveyor.

Covid has changed how we work: good and bad. However, most members seem to have adapted quite well. Work is still being done and safely; Kevin Lombard has seen an influx interested in surveying through COGS.

Virtual meetings have allowed Council to meet monthly, allows for more participation, less travel, less hardship, and more interaction. It has been a good year; council has been working hard to achieve the goals of the Association. Kevin Lombard thanked everyone on council and encouraged everyone to get on the council.

Also, due to all the virtual meetings, we have had more connection with our sister associations across the country more than ever this year and encouraged everyone to use technology to their advantage.

2. Approval of the 70th Annual General Meeting Agenda:

Call for mover to approve agenda: Andy DeCoste

Call for seconder: Brandon Crouse *Motion Carried*

Vote taken 100% in favour of approval of the 70th Annual General Meeting Agenda (114/131 Voted)

3. Approval of the 69th Annual General Meeting Minutes:

Held at Holiday Inn in Truro on October 17-19, 2020 and published in the Spring 2020 of the Nova Scotian Surveyor, pages 17-24.

Calls for errors or omissions: none

Call for mover to approve minutes: Eddie Mariner

Call for seconder: Janet Meisner *Motion Carried*

Vote taken 100% in favour of approval of the 69th Annual General Meeting Minutes (108/131 Voted)

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4. Business arising from the minutes of the 69th Annual General Meeting Minutes: None

5. Executive Director Report:

Tina Tucker's Executive Director's report is published in the Fall 2020 issue of the Nova Scotia Surveyor.

Wanting to add comments of thanks about support from council, members generally, from staff, and from executive directors across the country. When I first started this position in January, the first task was to hire a new executive assistant, all during the start of the pandemic. The purpose of the report is to inform members about the operations of the association, how we use resources, and our capacity to deliver on the mandate of the association.

Few updates on Strategic Planning; a key step is gathering input from all stakeholders, including our members. We have formed a Member Survey Sub-committee tasked with the development of questions to members. These questions will measure members understanding of the association's roles and responsibilities, to measure levels of satisfaction, assess views on self-regulation, and gather opinions on issues facing the profession in the future. Thanked members of Sub-committee – Janet Meisner, Brian Conrad, John Conn, Joe Harvey, Kyle Harrington, Tim Wamboldt, and Paul Harvey.

SWOT Analysis was done with Council in mid-august and will be reviewed by new Council in November. Another SWOT Analysis will also be completed by the standing committee chairs by late October.

We are also working on Fair Registration Practices Act (FRPA) Action Plan. Most of the work being done is detailed in report, most have been carried over from 2018. The review officer has given 6 months to come into compliance with those action items.

Few key items we need to come into compliance with are document accommodation practices for applicants with physical or mental disabilities, the need to document the process under which requests for access to records are considered, document the internal review and appeals process, develop a training plan for internal review decision makers, and work has already started on our website.

Staff continues to work on policies and procedures; we have our own office procedures manual, and a new candidate registration database set as a priority. Currently working on developing an Unauthorized Practice Policy, and to develop a procedures manual for the Complaints Committee and Hearing Committee.

Regarding the office move, there is no update as Twin Lake development is still waiting to be approved. Positive outcome is that we can see how working virtually can affect the size of an office space we would need.

Member Roll report, as has been discussed for year that the number of regular members continue to decrease.

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Membership Roll 2020:

	2020	2019	2018	2017	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
Dues \$	1500	1500	1500	1500	1500	1500	1200	1200	1200	1200	1200	1100	1100	1100	800
Active	132	134	145	146	146	145	149	151	154	155	152	155	161	165	172
Life	20	20	20	21	21	21	21	19	18	20	19	18	19	19	19
Retired	29	33	33	34	34	33	31	33	34	35	41	35	35	35	34
Candidate	22	21	20	26	26	27	28	24	21	20	25	24	21	24	24
Honorary	4	4	4	4	4	4	4	4	3	3	3	3	3	4	4
Associate	0	0	0	1	1	1	1	1	1	1	2	4	5	7	7
TOTAL	207	212	222	232	232	231	232	232	231	234	242	239	244	254	260

6. Financial Report:

The 2019 financial report is published in the 2020 Fall issue of the Nova Scotian Surveyor, pages 17-28. The report was presented by Lawrence Roche, partner at G&R Professional Accountants.

The finances are open to any member who may have questions. Do not hesitate to call the office with inquiries.

Call for mover to approve financial report: Jody Isenor

Call for seconder: Paul Harvey *Motion Carried*

Vote taken 100% in favour of approval of the 2019 Financial Report (111/131 Voted)

7. Approval of 2021 Budget:

The 2021 Proposed Budget is published in the 2020 Fall issue of the Nova Scotia Surveyor. Tina Tucker reviewed the proposed 2021 Budget detailing the lawyer expenses for the hearing committee that we have budgeted for.

Question: What law firm are we using? Answer: We are continuing to use McInnes Cooper, and we are continuing to push back on proposed rates. Tina Tucker has also been speaking to other lawyers for hearing committee that we can negotiate lower rates with them.

Question: Has council considered a rise in dues at this point? Answer: Not for this year, given the upheaval and mixed comments, especially early in the pandemic, of how people were fairing from an economic point-of-view. It is something we will consider, perhaps next year.

Question: Why not locate the office in Truro? Answer: We can certainly consider Truro as the location for our new office.

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Call for mover to approve 2021 budget: Tom Giovannetti

Call for seconder: Glenn Crews *Motion Carried*

Vote taken 100% in favour of approval of the 2021 Budget (105/131 Voted)

8. Nominations Report & Elections:

Nomination Report for new Council members as names read out accompanied by a PowerPoint presentation:

Vice President – Andy DeCoste #567, Antigonish NS

Zone 1 Councillor – Raymond Pottier #560, Belleville NS

Zone 3 Councillor – Matthew Berrigan #664, Antigonish NS

Zone 4 Councillor – Rodney MacLean #650, Millville NS

Nathan Clark called for further nomination three times with no additional nominations.

Elections: None

Call for mover to approve nominations: Nathan Clark

Call for seconder: Jody Isenor *Motion Carried*

Vote taken 99% in favour of approval of the nominations (98/131 Voted)

9. Introduction of New Executive and Council for 2020-2021 & Presentations to Out-Going Officers and Members:

Introducing your 2020-2021 Executive and Council, as names read out accompanied by a PowerPoint presentation:

President – Peter Berrigan #629

Vice-President – Andy DeCoste #567

Past President – Kevin Lombard #613

Zone 1 – Raymond Pottier #560

Zone 2 – Geoffrey Dick #665

Zone 3 – Matthew Berrigan #664

Zone 4 – Rodney MacLean #650

Thank you to Out-Going Officers and Members, as names read out accompanied by a PowerPoint presentation:

Past-President – Nathan Clark #627

Zone 1 – Kyle Bower #641

Zone 3 – Andy DeCoste #567

Zone 4 – Eric Whyte #514

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10. Reports of Standing Committees:

Committee reports are published in the Nova Scotian Surveyor and included in the Meeting Package.

Kevin Lombard called for any Committee chairs to speak if they would like to add anything that was not in their reports. Kevin Lombard thanked the chairs of the committees for all the work they have done.

Report from the NS Board of Examiners – Kevin Robb

Recognize and welcome our new members:

Thomas Mombourquette #681 and articulated under Michael Allison #538

Jamie Leslie #682, Labour Mobility Candidate from Ontario

We have two candidates nearing completion of their candidacy and may be sworn in before the end of the year. We also have a new labour mobility candidate moving here to Nova Scotia. So, we may have a total of five new members by the end of 2020.

The average over the years is about seven new members, it is not a surprise that we only have five new members as we have seen a decline in membership over the last few years.

11. Remarks from the New President:

Peter Berrigan began by thanking everyone for participating in the Virtual AGM.

It has been a challenging year; in March we were told to stay the blazes home and Covid-19 was daily news. Many people across Nova Scotia and Canada fell ill, and in unfortunate circumstances, passed away due to this virus; and when we thought things could not get worse, Portapique, Nova Scotia observed Canada's worst mass shooting. Our condolences go out to all those affected.

Planning to tackle important agenda items this year: illegal practices of land surveying services, refreshing members on our standards of practice, review our current standing committee structure and committee mandates, work with Executive Director to improve orientation for new members, and to identify learning opportunities in areas such as administrative law, public education, and best governance practices.

Would also like to personally speak one-on-one with each member of the Association, over the course of the year, for open candid discussions. Looking forward, with fingers crossed, to see everyone October 14th to 17th 2021 at Oak Island Resort.

12. New Business:

Question: Tom Giovannetti "Why has the Governance Committee ignored a potential issue with others (HRM Subdivision By-laws) mandate the role of the surveyor qualification that violates the engineering professions act? Answer: Kevin Lombard commented that Council is aware and took those concerns. There was work at several council meetings looking into this issue. This will be continued to be dealt with by the new Council.

13. Adjournment:

Kevin Lombard thanked all members and honored guests for attending. We are looking forward to Oak Island in October 2021, and Council looks forward to being under the leadership of our new President, Peter Berrigan.

Meeting Adjourned at 10:50 AM by President Kevin Lombard

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