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THE NOVA SCOTIAN SURVEYOR

ANNUAL 2024 No. 215





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THE NOVA SCOTIAN SURVEYOR

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PRESIDENT'S REPORT

Geoffrey C. Dick, P.Surv; NSLS



Since being appointed President at our AGM last October, I have had the pleasure of representing our Association at various AGMs across the country. I heard tales of "the tour" and was told by past presidents about the camaraderie that forms among the touring presidents. To my surprise, these stories might have been understated. I consider myself extremely fortunate to have had the opportunity to connect with so many outstanding surveyors across the country, both personally and professionally.

These relationships will undoubtedly last a lifetime. At each AGM, a president leaves the tour, passing the torch to an incoming president who is just as passionate about our profession. I would like to thank Vince Sward, Mike Sippola, Brandon MacDonald, Dave Kovacs, Amar Loai, Mike Thomson, Aaron Shufletoski, Michael Louie, Lamont Edwards, Travis Wolf, Max Putnam, Robert Halliday, Reid Egger, Sam Arsenault, Terry Yates, and Ray Guy for their outstanding service to our profession and the grace, camaraderie, and wisdom they have offered me.
I look forward to meeting new faces in the coming months as I complete the circuit.

I will provide a summary of the events I have attended and the emerging trends, threats, and opportunities facing our profession across the country:

In November, ***Manitoba's*** AGM was graciously hosted by Vince Sward. The business meeting proceeded as expected, of note was the method used for the calculation of yearly dues – based solely on projected budget divided by the total membership count. An engaging discussion during the open forum, centered on the effectiveness of the all-in model for Professional Surveyors Canada (PSC).
Questions arose about PSC's value delivery and the potential sustainability of membership if larger associations like BC and Alberta opt out of full participation, leaving only smaller associations as all-in members. Mike Sippola was elected as the incoming president.

In January, Karen and I had the pleasure of attending the ***New Brunswick*** AGM. Brandon MacDonald and his wife Sarah hosted a fantastic event, although unfortunately, both Karen and I fell ill on Friday and had to leave early. Despite this, the education seminar offered valuable insights. Jean Gagnon presented on the day-to-day operations of the international boundary commission in surveying and maintaining the Canada-US border. Updates on New Brunswick's significant municipal/planning reform were provided by Paul Jordan, the director of provincial and community planning. The ANBLS demonstrated effective communication and collaboration with the province regarding these planning changes. Dennis Whalley's session on UAV and LiDAR technology explored how these innovations may supplement traditional survey datasets and workflows. Michael J. Lavigne, of MC Advisory, delivered a compelling talk on the importance of communication in fostering relationships, building trust, and alleviating

stress. He emphasized the significance of aligning service providers' organizational culture with that of their clients to ensure successful collaboration. Noteworthy was the participation of UNB students, invited to the education seminars. The ANBLS's initiative to involve students, coupled with fines for “inappropriate” behavior (ugly shirts, phones ringing, etc.) redirected to a scholarship fund, showcased their commitment to bridging connections with UNB faculty and students. It's evident that the Association takes pride in supporting their local geomatics program, and I'm confident that the students left the conference inspired to pursue careers as full-time practicing members. I commend the ANBLS for their efforts in this regard.

In London, Ontario, the ***Ontario*** AGM, hosted by outgoing president Dave Kovacs and his wife Tracy, was a resounding success. The conference commenced with a captivating keynote speech by Juno Award-Winning Musician and renowned Creativity & AI Expert, David Usher, who offered a unique perspective on the convergence of creativity and artificial intelligence. Throughout the AGM, attendees participated in concurrent plenary sessions and exhibitor presentations.

One notable presentation was delivered by Izaak de Rijcke, focusing on the future of survey law in Canada. de Rijcke illuminated the Academic challenges faced by surveying, straddling the realms of social issues and law, and engineering and measurement science – the future of Survey depends more on the profession’s commitment than expecting an “easy fit” in any one academic program. He introduced the concept of employing AI in land surveying and coordinate-based cadastre, while also highlighting potential pitfalls. Rather than imposing a personal opinion, the presenter encouraged attendees to draw their own conclusions.

Another presentation examined construction layout best practices, emphasizing efficient workflows incorporating redundant field and office procedures, and effective client management/communication to mitigate errors and insurance risks. During the business meeting, there was a discussion around the potential need to increase the minimum professional liability insurance limit. The AOLS council is recommending an increase to $2M for a single occurrence and $3M for annual aggregate claims, responding to the rising value of claims, particularly in construction-related cases.

Notably, the AOLS does not solely rely on CBEPS to assess the educational background of prospective candidates. Instead, the association employs an Academic and Experience Requirements Committee, facilitating a smoother path for foreign-trained professionals and individuals with geomatics education from non-accredited CBEPS institutions to become pro-fessional land surveyors in Ontario. Observing the diverse composition of attendees in Ontario, it's evident that the association has found success embracing inclusivity and diversity, reflecting a commitment to broad representation and perspectives within the profession. Amar Loai was elected as the new President.

The ***British Columbia*** AGM, held in picturesque Kelowna, was hosted by Mike Thomson. While the BC Land Surveyors were not included in a comprehensive overhaul of legislation dealing with professional governance in BC, there is recognition that to preserve their independence, there is a need for contemplation and evolution of best practices to ensure the association operates in the public

interest and fulfills its mandate to protect the public. Discussions led by UBC Professor David Silver centered on how the ABCLS can proactively uphold its values and preserve its independence as a self-governing profession. Questions arose regarding trust between the ABCLS board and membership, as well as trust between the profession and society. Additionally, considerations were made regarding the division of responsibilities among members, professional staff, and the board to ensure the association meets the needs of its members and societal expectations, such as whether the board should be granted authority to make bylaw changes or if this power should be reserved for members, highlighting the evolving landscape of professional governance. The BC land surveyors are dealing with other new legislation which significantly impacts the organization – the new International Credentials Recognition Act, aimed at enhancing fairness, efficiency, transparency, and accountability for foreign-trained professionals seeking to practice in BC. Under this act, a requirement for Canadian work experience will be prohibited, with an expedited timeline expected for membership applications - within one year of applying. This may necessitate accelerated CBEPS reviews of foreign credentials. BC is contemplating a competency-based approach to evaluate foreign candidates to ensure they possess the necessary skills to practice in Canada. Similar to Ontario, BC does not strictly require a CBEPS certificate of completion for membership.

Instead, BC permits graduates from BCIT with a bachelor's degree in Geomatics to undertake articles, provided they achieve an overall average of at least 70%, with no course falling below 60%. Many candidates awarded new membership seem to have followed this pathway to licensure. Aaron Shufletoski was elected as President.

At the ***Alberta*** AGM in the stunning Jasper National Park, Michael Louie and his wife Selema graciously hosted attendees. Alberta is currently navigating a new Professional Governance Act, prompting the association to actively modernize and adjust to the evolving landscape of self-governance in professions. This entails a delicate balance between regulatory duties in the public interest and providing member services. Notably, Alberta will no longer be All-in members with Professional Surveyors Canada, leading PSC to establish a new Alberta branch to cater to non-regulatory services for Alberta members.

The event commenced with an inspiring keynote address by Julie Angus on dealing with change and unexpected setbacks, drawing parallels from her experience as the first woman to row across the Atlantic. Dr. Robert Radovanovic delivered a seminar titled "The Real Guide to Using AI for Land Surveyors," providing practical examples of AI applications with respect to land surveying, and insights into “how AI works”. As it turns out, at its core, the science of AI aligns well with fundamental Geomatics principles, such as least-squares adjustments and trend/bias analysis. Presentations from UofC and UNB highlighted the current state of their academic programs in Canada. Concerns arose about the Geomatics Engineering program at UofC, which faces resource competition with other engineering disciplines, evident from the low enrollment of only five students in the first year. Conversely, UNB showcased its new GGE online program, demonstrating significant dedication and leadership despite resource constraints. This online platform holds promise in offering flexible pathways for prospective land surveyors nationally and internationally. Despite these advancements, membership in Alberta is

declining, prompting ALSA to reassess requirements such as the necessity of a CBEPS certificate of completion for registration and article entry. Lamont Edwards was elected as the new President.

Across the land surveying industry in Canada, several trends, threats, and opportunities have emerged:

Trends:

1. Technological Integration: There's a noticeable trend towards integrating advanced technologies such as AI, UAVs, and LiDAR into surveying practices, enhancing efficiency and accuracy.
2. Professional Governance: Associations are navigating new governance acts, aiming to balance regulatory obligations with member services, necessitating modernization and adaptation.
3. Diversity and Inclusion: Associations are increasingly embracing diversity, evident in the composition of attendees and initiatives to engage students and underrepresented groups.

Threats:

1. Declining Membership: Some regions are experiencing declining membership, potentially stemming from challenges in attracting and retaining professionals.
2. Regulatory Changes: Changes in regulatory frameworks, as seen with the International Credentials Recognition Act and Professional Governance Acts, may pose challenges in credential evaluation and membership criteria and the services Associations have historically offered to membership.
3. Resource Competition: Academic programs face resource competition, potentially impacting enrollment, and program viability.
4. Fragmentation of the profession on the National level: The withdrawal of provincial associations from CBEPS and PSC services could pose significant threats to both organizations, including financial strain, loss of influence, and diminished capacity to support and advance the surveying profession nationally. Maintaining collaboration and unity among provincial associations and national bodies is crucial to ensuring the continued strength and effectiveness of the surveying profession in Canada.

Opportunities:

1. Technological Advancements: Integration of AI, UAVs, and LiDAR presents opportunities for enhanced surveying capabilities, productivity, and service offerings.
2. Education Innovation: Initiatives like UNB's GGE online program offer flexible pathways for prospective surveyors, addressing enrollment challenges and expanding access to education.
3. Diverse Representation: Embracing diversity and inclusion not only enriches the profession but also fosters innovation and resilience in the face of industry challenges.

By capitalizing on technological advancements, fostering diversity, and adapting to regulatory changes, the land surveying industry can navigate threats and leverage opportunities to thrive in an evolving landscape.

I look forward to continuing these discussions and addressing these issues at upcoming AGMs and President forums.

EXECUTIVE DIRECTORS REPORT

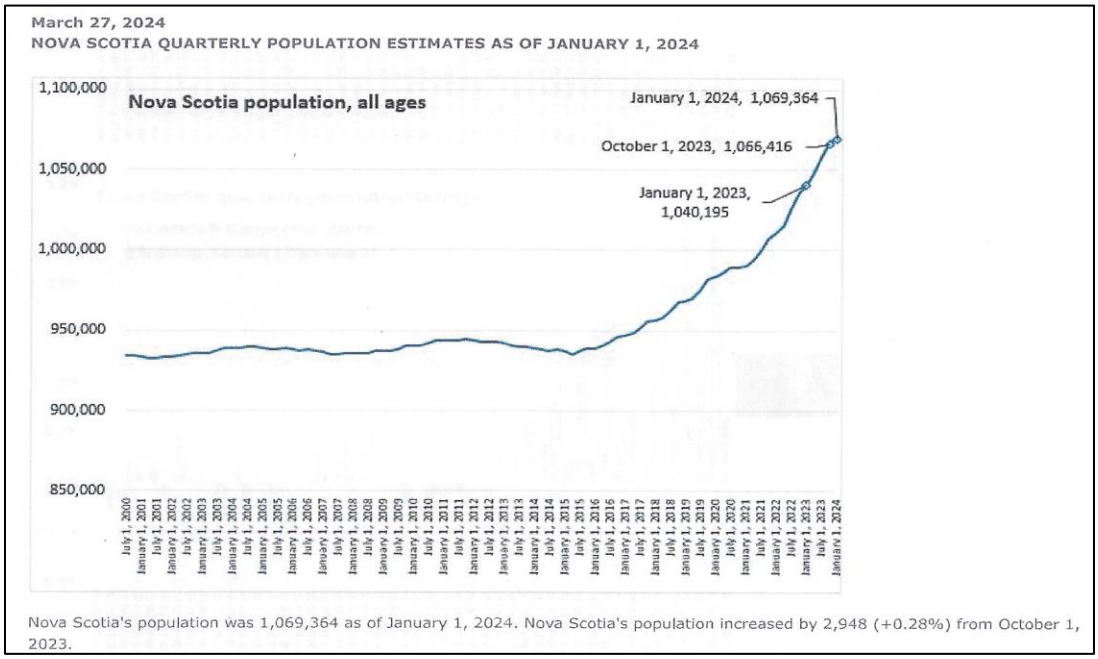
Simeon I. Roberts, B.Sc. (Hons), MA

The Times They Are a-Changin' – Part 3
Engaging the Public – Future Pathways or a Perfect Storm



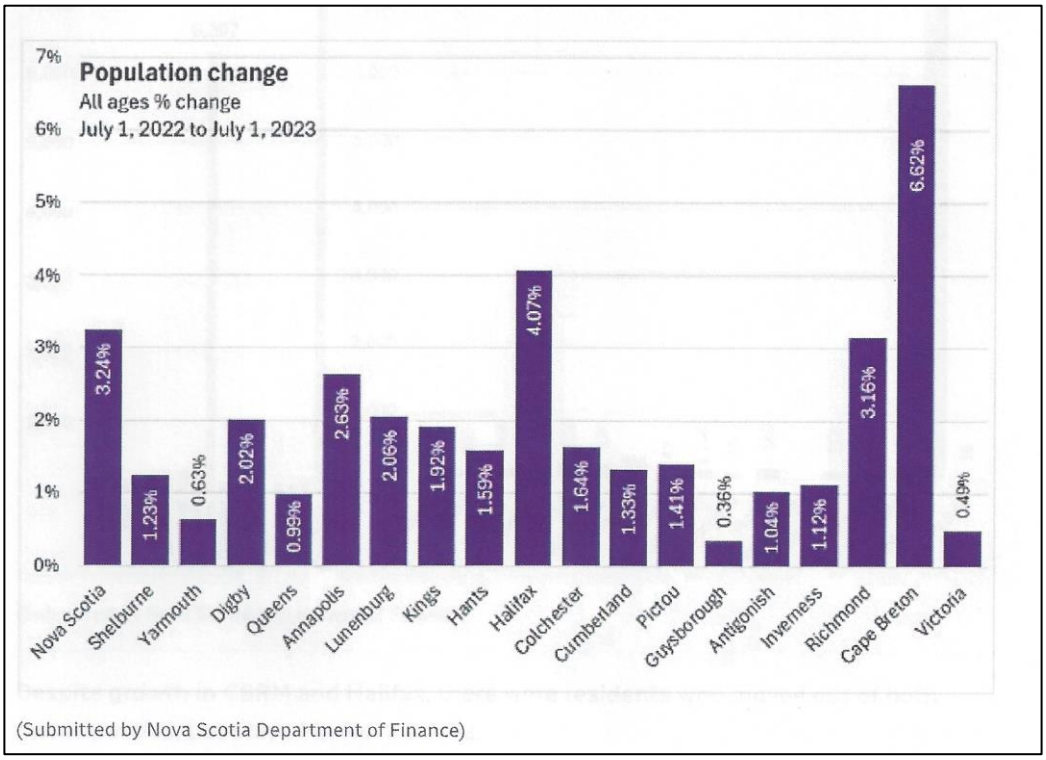
At every turn it's difficult not to hear about labour and skills shortages, the housing crisis and families finding it difficult to make ends meet. We often get phone calls from concerned citizens wondering why they can't engage the services of a professional land surveyor. Yes, many are booked up well in advance and some regions are facing challenges with an aging demographic of members. Good and bad news I guess.

Our Premier is on record saying that the population in Nova Scotia is targeted to be 2million by 2060. Recent data from Nova Scotia Economics and Statistics shows the following:



- Nova Scotia's population was 1,069,364 as of January 1, 2024. Nova Scotia's population increased by 2,948 (+0.28%) from October 1, 2023.
- From October 1 to December 31, there were positive contributions to population growth from international sources as immigration (+2,788) was substantially higher than net emigration (-144) and the number of non-permanent residents entering Nova Scotia (+4,922) exceeded the number leaving the province (-4,498).
- Natural change continues to put downward pressure on Nova Scotia's population as deaths (-2,978) outpace births (+2,000).

- The number of people moving to Nova Scotia from another province or territory (+3,022) exceeded the number of Nova Scotians leaving for another province or territory (-2,164), following the first quarterly net outflow since 2015 in the previous quarter.
- Nova Scotia's population growth from October 1 to December 1 was slower than in the same period in the previous two years, but remains elevated from growth observed prior to 2020 (2020 was distorted by pandemic-related restrictions on relocation). Population growth typically slows in the final quarter of the year.
- Based on Statistics Canada data as of July 1, 2023, show CBRM grew by 6.7%, while the second-fastest growing municipality was Halifax, which increased its population by just over four per cent.

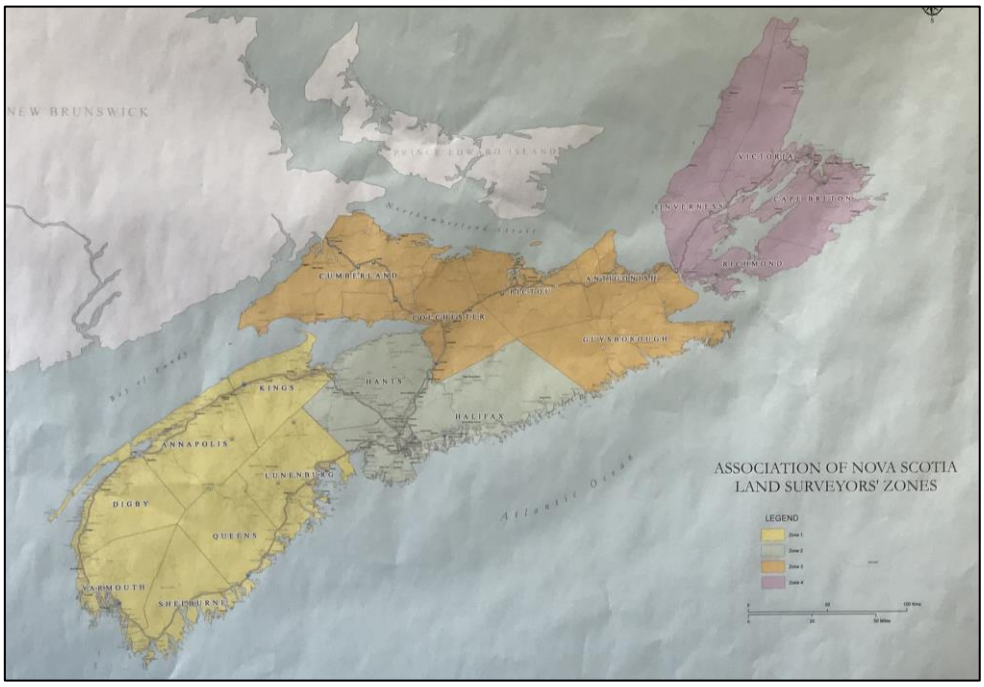


(Submitted by Nova Scotia Department of Finance)

When you consider the distribution and demographics of our active members (not including those who work for various levels of government) it is very apparent that Zones 3 and 4 face particular challenges:

ANSLS Active Members - Demographics

	ZONE 1	ZONE 2	ZONE 3	ZONE 4	Total-Average
Total # Active Members	**19**	40	27	18	104
# Above 50 yrs	10	22	19	12	63
% Above 50 yrs	53	55	**70**	**67**	
Average Age Above 50 yrs	63	65	68	67	66
# Below 50 yrs	9	18	**8**	**6**	41
% Below 50 yrs	47	45	30	33	
Average Age Below 50 yrs	39	38	42	35	39



There have also been reports of educational programs being either cancelled, terminated or suspended, for example:

- Lethbridge College Surveying & Geospatial Engineering Technology Diploma (SAGE) formerly Geomatics Engineering Technology – cancelled/terminated
- Vancouver Island University Integrated Engineering Technologist, Advanced Diploma in GIS Applications, Master in GIS Applications – being phased out
- Fleming College GIS Applications, GIS Cartographic – suspended

In addition, there is evidence that numbers at COGS, UNB and the University of Calgary – our major pipelines for new members - are declining or are potentially under threat. This is compounded by recent announcements of changes to the number of international students potentially entering the geomatics landscape. Maybe there is an identity crisis in our industry precipitated by the democratization of data science, and interdisciplinary integration. Is it time we start changing the narrative – a "wake-up" call?

In the Spring 2023 issue of this magazine I suggested that: "*we are at a critical juncture in the evolution of our profession. Not only is technology advancing at an ever increasing rate (e.g., ChatGBT), we are facing labour shortages, declining membership, increased numbers of retirees and a competitive environment related to the attraction and retention of new candidates*"…… "*to stay ahead of the curve we will need to be proactive and begin a dialogue with all of our stakeholders to map out a way ahead. This will impact our vision of who we are and how we market our products and services, and how we protect the public interest*". So it with this in mind I offer some suggestions that will hopefully be a starting point for further discussion and action.

Changing the Narrative

I have had an opportunity to work with career councilors and connector programs at various economic development agencies and there seems to be traction in describing our industry as follows: surveying is an interesting, important, lucrative and respected profession. Surveyors analyze, solve problems, resolve disputes, confront issues and address societal needs (they are an important and critical part of the infrastructure development process – without surveyors our future economic and social development would be challenged). Professional land surveyors provide opinions on the extent of ownership and ultimately protect the public, creating social harmony and driving economic development. Does this resonate with you?

Pathways and Pipelines

With a dwindling pipeline of potential new ANSLS members and the prospect of an increase in the number of active members entering retirement, the following are opportunities:

- Work closely with senior management at COGS to ensure the NSCC better understands the importance of education and research in the geomatics disciplines.
- Engage with COGS STN & GET students – attending events such as the industry expo, welcoming new students in September, open houses and attending convocation certainly have benefits. After hosting GET students at the ANSLS 2023 AGM a few graduates who worked out west last year decided to take positions in Nova Scotia. They felt the AGM was a good experience and generated interest in obtaining a license and staying home.
- Undertake joint marketing initiatives with COGS and UNB.
- Consider expanding the pipeline to include professional engineers who might wish to become surveyors and university civil engineering students (attend events, teach surveying courses, etc.).
- Consider expanding the pipeline to include other geomatics related programs at both college and university, such as GIS and geography.
- Examine opportunities to fast track accreditation of COGS programs and work with CBEPS to optimize its service offerings.
- Target under-represented groups and foreign trained professionals.
- Assess and modernize our registration policies to ensure they are meeting the needs of potential new members.
- Partner with other geomatics organizations (such as the Geomatics Association of Nova Scotia – GANS) to elevate the profile of land surveying.

Surveying Ambassadors

A Surveying Ambassador can be any member (or stakeholder) who recognizes the significance of surveying in K-12 education. They can engage youth and help them to develop a deeper understanding of the world around them. They could undertake any or all of the following activities during the school year (September – June) and potentially receive Professional Development Credits-hours for doing so:

- Provide a presentation/workshop (virtually or in-person) to a K-12 teacher/class or another event – such as Teacher PD days.

- Create a video of what you do.
- Provide support in K-12 education: This can be included but not limited to working with a teacher or class on a project, development of a lesson or tutorial, or judging/helping to develop annual skills competitions.
- Host students on work terms, career days or O2 mentoring initiatives.

Global Surveyors' Day March 21st

I'm wondering how many of you know about this? I didn't, until I did some research (with the help of the internet and ChatGBT). The following are some excerpts:

The path to Global Surveyors' Day began back in ancient Egypt when society first used surveying techniques to divide land. Throughout history, surveyors have remained the pioneers of discovery shaping our world to its current existence by exploring the unknown on earth and in space.

The beginnings of measurement can be found in the earliest times with the Babylonians, Assyrians, Egyptians and Greeks, whereby the oldest plan of a property is recorded from the period 1500 BC in Egypt, where there was a drawing on papyrus representing a plan of mines, as well as a plan of the city of Nippur in Mesopotamia.

Being a surveyor in old Montenegro meant being that special person who would interpret and verify all property rights from the Ottoman Empire, the Venetian Republic and the Austro-Hungarian Monarchy, and then measure the same with a stick and rope. Through the Ottoman legacy of property books and intabulation books, Napoleon's measurements of the Montenegrin water area, Austro-Hungarian systems of plans and maps through ledgers and documents, all property rights were measured and marked by surveyors, and on the basis of which the current Real Estate Cadastre in Montenegro was established. Surveyors crossed the inaccessible area of the Montenegrin mountains, whose soil is karst and thorns, orienting themselves by landmarks, today evolving into satellite signal navigation via the Montepos platform.

The history of Global Surveyors Day can be traced back to 1984, when the American Congress on Surveying and Mapping launched National Surveyors Week to promote the recognition of the surveying profession. A resolution endorsing the week was issued by President Ronald Reagan. National Surveyors Week can be regarded as the first step toward the global recognition of surveyors.

The idea of establishing a Global Surveyors' Day was first voiced in 2008, but nothing came out of it right away. In 2012, the Council of European Geodetic Surveyors (CLGE) established the Day of the European Surveyor. It was celebrated on March 5th to commemorate the 500th birth anniversary of Gerardus Mercator, a renowned Flemish geographer, cartographer, and cosmographer famous for introducing a new map projection that became the standard map projection for marine navigation.

Fast forward to 2013 when the signing of the Budapest declaration created a common worldwide celebration for those leaders, past and present. At the 2013 CLGE General Assembly meeting, representatives of the CLGE and the National Society of Professional Surveyors (NSPS) signed the Budapest Declaration, requesting that the International Federation of Surveyors consider the establishment of a Global Surveyors' Day to be celebrated by the professional community around the world.

The inaugural Global Surveyors' Day was celebrated in Washington, DC on March 21, 2018, during the Land and Poverty Conference held at the World Bank headquarters. It was organized by the CLGE and the NSPS with the endorsement of the FIG. Global Surveyors' Day has been celebrated every March 21 since its inauguration. It is marked by various events and activities organized by national and international professional organizations.

So March 21st is the Global Surveyors' Day where the importance of a surveyor, their job and their work in the field is highlighted and celebrated. It is the hope that this day is being celebrated around the world. The purpose of this day is to give worldwide recognition to the pioneers, individuals and industry that have shaped the history of earth measurement and continue to be the foundation of the surveying community. Is there an opportunity for us to also celebrate this day by participating in various activities? Maybe our communities and all levels of government could join in the celebrations by officially recognizing the day – by proclamation?

I welcome your feedback and comments regarding the above and hope a rejuvenated Public Awareness Committee can make some important steps to ensure the public is more aware of whom we are and what we do. As a minimum opening up an informed dialogue can't be a bad thing, don't you think?

CANDIDATE FOR PRESIDENT

Timothy Wamboldt, NSLS #624



Tim was raised in Clementsvale, Annapolis County and now resides in Lower Sackville. He was commissioned in 2006 and has over 35 years of experience in construction and legal land surveying in both government and private sectors.

After graduating from COGS in 1989, Tim was employed with the NS Dept of Transportation for close to a decade. He worked on job sites across Nova Scotia including the Highway 104 realignment. Tim worked on the Boston Big Dig project before returning to UNB and graduating in 2001. He articled under Everett Hall, Joe Alcorn and Mike Allison and began his own private practice in 2008. In 2018, he merged his company with Longstaff-Parker Surveys and is currently responsible for the day-to-day business operations and surveying practices of Longstaff-Parker Wamboldt Surveys Inc. in Dartmouth.

He has served as Zone 2 Councillor for the past two years and was on the ANSLS Strategic Planning sub-committee prior to that. Outside of surveying he sits on his children's School Advisory Council and coaches minor hockey and soccer. Tim is also a proud member of the Royal Canadian Legion for over 30 years.

Tim has lived in Lwr Sackville for the last 20 years with his wife Stephanie and two young children, Naomi (15) and Dillon (10). He spends much of his free time at the rink or soccer pitch, but enjoys the occasional ATV run, tennis match and family vacations/adventures.

CANDIDATE FOR VICE-PRESIDENT

Lee Chaulk, NSLS #672



Lee Chaulk is the Senior Program Administration Officer of the Nova Scotia Coordinate Reference System which is part of the Geographic Information Services/GeoNova in the Department of Service Nova Scotia and Internal Services. Lee is a Geodesy and Geomatics Engineer and Nova Scotia Land Surveyor who attended the Center of Geographic Sciences (2004-2006) and the University of New Brunswick (2006-2009).

He has worked as an Engineer and Land Surveyor in the offshore oil and gas sector throughout North America and has practiced Land Surveying in the Province of Nova Scotia. At Lee's current position with the Government of Nova Scotia, he is part of a team that maintains an network of Active Control Stations and provides support to Government organizations for any geodetic related projects.

CANDIDATE FOR ZONE 1

(NO APPLICATION)

CANDIDATE FOR ZONE 4

Nolan Boutilier, NSLS #684



Nolan was born in Yellowknife, NWT before moving to Cape Breton where he was raised. He graduated from St. Mary's University with a BSc. in Geography in 2003. The same year he enrolled in the advanced diploma program in geographic information systems at COGS, completing it the following year. He then returned to COGS and graduated from the Geomatics Engineering Technologist diploma program in 2009.

Upon graduation, Nolan accepted a position with Terrain Group in Halifax where he spent the next 4 years surveying throughout Nova Scotia and then northern Ontario where he spent 2 years assisting in the construction of the largest gold producing mine in Canada.

In 2013, Nolan returned to Cape Breton accepting a position with the Department of Natural Resources and Renewables in Sydney while progressing through the CBEPS exams. Nolan completed the CBEPS qualifications in 2019 and after articling under Joe Harvie, he received his commission as a Nova Scotia Land Surveyor in 2021.

Nolan continues to work with DNRR where he has progressed to the role of Crown Land Surveyor for Cape Breton and Richmond counties.

Nolan resides in Sydney with his wife Jennie, 3 year old son Dean and 1 year old daughter Goldie.

BLAST OF THE PAST

Volume 8, No. 17, December 1958, Page 1

"The New School"

By President S. G. Gamble of the Canadian Institute of Surveying, Ottawa in the 1958 Report of the Nova Scotia Land Survey Institute at Lawrencetown, Annapolis County, N. S.

On Wednesday afternoon, October 29th, 1958, the new school built for the Nova Scotia Land Survey Institute in Lawrencetown, Annapolis County, was officially opened. I was very pleased to be able to accept the invitation of the Honourable Malcolm Leonard Provincial Minister of Edution, to be present on that occasion which was of special interest to Canadian surveyors.

Dr. H. P. Moffatt, Deputy Minister of Education, presided over the ceremony and an excellent account appears in the Oct. 30th issue of the Halifax Chronicle-Herald. Amongst the several hundred guests were officials of the Nova Scotia Government, graduates of the school, friends in Lawrencetown, and a number of surveyors and their wives, including official representatives from the survey associations of Newfoundland, Nova Scotia, New Brunswick, and Ontario, the American Congress on Surveying and Mapping, our own Institute, and its Ottawa Branch.

The new building is simple in design, attractive, bright and roomy and should provide ideal accommodation for the important work that is planned for the school. Of greater importance than the building, however, is the bold and progressive step taken by the Nova Scotia Department of Education in extending surveying training to a two-year course and adding two new courses cartographic drafting and photogrammetry. I am certain the demand for draftsmen and photogrammetric technicians as well as surveyors trained at this school will be very great.

Most of our members will know about the school for land surveyors which started in Lawrencetown, N.S., thirteen years ago. The founder and chief instructor, Major J. A. H. Church, our Councillor for Nova Scotia, gave an informative talk on the school and its training at our Annual Meeting in 1948. The extension of the work of the Institute has been greatly assisted by funds bequeathed for the founding and maintenance of a vocational school in Annapolis Valley by the late Dr. J. Hall, a distinguished educator and native of Lawrencetown, and the donation of the land on which the school stands by the Lawrencetown Branch of the Canadian Legion. Memorial plaques were unveiled to both Dr. Hall and the Legion.

I have invited Mr. Darrell Mills, Associate Director of Vocational Education, to tell us more about the school at our Annual Meeting in January. Soon we shall have degree courses in surveying and we hope that Lawrencetown graduates will be given suitable credit for their course. Meanwhile we congratulate the Department of Education of Nova Scotia, the Lawrencetown Branch of the Canadian Legion. Major Church, and the many others who worked and planned for this fine building for the Nova Scotia Land Survey Institute.

S. G. Gamble,
President

COMPLAINTS COMMITTEE REPORT

Below is a list of complaints the Committee has addressed since the last General Meeting, including the current status.

1. Complaint reports the surveyor was rude and disrespectful of another surveyor.
   This complaint was forwarded to Hearing.

2. Complaint asserts that the Surveyor's survey is wrong. *The complaint is under discussion.*

3. Complaint contends that the surveyor had withheld documents that would prove the neighbour was encroaching, but because the survey firm had conducted a survey on the opposite side of his property, it would reveal their incompetence. *The complaint could not be substantiated and was dismissed.* ***File Closed***.

4. Complaint argues that the surveyor confused them, sent information to outsiders; misinformed perspective purchasers about lot sizes; didn't inform them of changes to a boundary and charged for engineering services that had already been paid for. *The complaint is under discussion*.

5. Complaint insists the surveyor is in a conflict of interest; is incompetent; questions his conduct and is non-compliance with many sections of the standards of practice. *The complaint is under discussion.*

6. Complaint alleges that the surveyor didn't report his relationship with his client to the neighbour (complainant); showed his client's lot as bigger than complainant's lot; showed street name different than the complainant believes it to be and didn't show a PID number for nearby property.
   The complaint was dismissed because the allegations did not constitute misconduct. ***File Closed.***

7. Complaint declares that the surveyor did not use original monuments; that his clients do not have a right of way over the complainants' property; the surveyor didn't show all references of those with a right of way over his client's property; didn't show a dock correctly; shows a post incorrectly and didn't advise his client that he had revised his plan. *The complaint is under discussion*.

8. Complaint purports that the surveyor gave over 5 acres of his land to the neighbour; that there was little communication with his client (complainant); that the surveyor is a cousin to the neighbour and the surveyor bullied the complainant. *The complaint was dismissed as frivolous.* ***File Closed****.*

9. Complaint states that the surveyor ignored the complainant's deed, his client's deed and a DOT plan; the surveyor wouldn't reply to the complainant's comments; the surveyor placed survey markers in the wrong place; the surveyor had contributed to 4 other wrong surveys and the surveyor was rude.
   The complaint could not be substantiated and was dismissed. ***File Closed****.*

Hence, there are currently five active complaints before the Complaints Committee. Most complaints are processed within 6 months, however the Committee has had active files up to a year. If there was wrong doing, the Surveyor and the Committee may agree on terms in an Informal Resolution that avoids a Hearing, but still provides disciplinary consequences and hopefully guidance in his/her future practice. Those complaints remain active until the conditions are satisfied. The complaint that was forwarded to Hearing Committee is with the lawyers. Until the Hearing Committee sits, the case remains with the Complaints Committee.

Glenn Crews, NSLS, chairman
Arthur Backman, NSLS
Darren Trevors, NSLS
Eddie Mariner, NSLS
Brian Pyke, public representative

Capt. Thomas Lewis – Early Surveyor and Mapper in Nova Scotia

by David C. Clark, NSLS, P. Surv.

Capt. Thomas Lewis is one of the lesser known surveyors and mappers who played an integral part in the early history of Nova Scotia. In preliminary research, the military activities of Capt. Lewis first surface in the records and diaries of the expulsion of the Acadians from northern Nova Scotia in 1755. It would appear that Capt. Lewis was part of the force of New England Ranger companies stationed at Fort Cumberland in the early summer of 1755, and it is from that location and time that our narrative begins.

We tend to think of the British military forces in Colonial North America as conscripted English soldiers in their redcoats. This was not so much the case in mid 1750s Nova Scotia and New England. The Governors of the British colonies of Nova Scotia and Massachusetts were very closely allied in those times. Massachusetts having had English settlements earlier, had sanctioned the creation of several paramilitary groups such as Gorham's Rangers and Danks' Rangers. During the so called French and Indian War, the Governor of Nova Scotia requested the assistance of the New England Ranger companies to help defend Fort Anne and Fort Cumberland. These companies were mostly made up of Anglo American recruits and allied Native Americans. They specialized in reconnaissance and guerrilla warfare.

Most of what we know about Capt. Thomas Lewis and his military service took place in 1755, and is gleaned from various reports and diaries of that year. Governor Lawrence of Nova Scotia had decided in early summer to get rid of the Acadian settlements in Northern Nova Scotia and the area around Minis/Grand Pre. At the Governor's request a plan of action was prepared by Charles Morris, his Surveyor General in Halifax. Tatamagouche was chosen as the first settlement for the expulsion of the Acadians due to its strategic location on the trade, travel and escape route from the Minus settlements to the French Fortress at Louisburg. Cutting this vital supply route would hasten the defeat of Louisbourg by the British.

It appears that Capt. Lewis was stationed at Fort Cumberland at or shortly after the fall of the French Fort Beausejour on June 17, 1755. We learn from the diary of Capt. Abijah Willard, that on August 4th, Capt. Lewis together with 150 men and 22 Rangers travelled via a blazed trail overland from Fort Cumberland to the Chiganois River at Belmont. It is presumed that this direct overland route was actually blazed out by Capt. Lewis and his troops. This "Road from Chignecto to Cobequid" is shown on "A Chart of the Penisula of Nova Scotia", by Charles Morris. Parts of this route would later become known as the Cumberland Road.

On August 6th, Capt. Willard himself set out from Fort Cumberland with his officers and 100 privates, to take a roundabout route via River Maccan and Moose River to the Bay of Fundy, thence along the north shore of the Bay to Masstown. On August 13th Willard met up with Capt. Lewis at Belmont on the Chiganois River. It was here that Willard opened his final orders from Col. Moncton and learned his mission was to burn all the Acadian houses on the North Shore. He assumed command of the operation over Capt. Lewis, who he then ordered to accompany the troops to Tatamagouche to measure the road and points along the way. Willard chose a hundred men to go with him and proceeded from Belmont overland to the French River and Tatamagouche.

On August 15th, with all the Acadian men in the Tatamagouche area forced to gather in a house in the village, Willard made them prisoners and placed an armed guard around the building. Then he dispatched Capt. Lewis and 40 men to go to Remchic/Remsheg/Wa-llace, where Lewis was to burn the houses and bring back the three Acadian families living there. On the return of the Capt. Lewis, Capt. Willard and company then proceeded to destroy and burn all the houses and warehouses in Tatamagouche before setting off to return to Cobequid with his male prisoners. The Acadian women and children were heartlessly left to fend for themselves under dire circumstances.

These actions at Tatamagouche and Wallace were the beginning of the expulsion of the Acadians from mainland Nova Scotia.

The maps Capt. Lewis prepared later indicate where the troops would have lodged overnight on August 16th, upstream on the Waugh River, several miles from Tatamagouche. Willard and Lewis, along with their troops and male prisoners, returned to Belmont, destroying all the Acadian buildings along the way. Willard's diary entry for August 18 reads: "this morning after we had got a supply of provition I march on the head of Menas Bay with a hundred men and Capt. Lewis about 10 mils for to measure… so that Capt. Lewis might tak a plan of the bay to a velage called Dugas (Onslow) and their Loged (houses)." On August 19, the company marched around the head of the Bay and along the south side of the Bay about seven miles through Bois Brule (Truro) and Village LeBourque (Old Barns) where the Acadians "had large orchards and fine apples". "Capt. Lewis came upon a Beach for to take observations how the Bay lay". Back in Masstown on August 20, "Capt. Lewis with 20 men to Survey the harbour against old Cobequid and returned in the afternoon with his party." Continuing diary entries indicate that the companies with their Acadian prisoners then made their way back toward Fort Cumberland following the route they had had first used to come to Cobequid. An August 24th entry from the Five Islands area stated that "Capt. Lewis caught a fine mess of troutes for Dinner which was very good".

Capt. Lewis later prepared a map entitled "A map of the Surveyed Parts of Nova Scotia", which showed where the Acadian settlements were located and the number of buildings in each. Lewis also prepared another map: "A Map of a Part of Nova Scotia or Acadia". On September 11, Lewis was ordered to again travel from Fort Cumberland to destroy the rest of Acadian settlements of the Cobequid region. This would have included both sides of the Bay of Fundy from present day Five Islands to Truro and then along the south side of the bay to Walton. At his time he would have obtained additional survey information for his maps. In a letter to Gov. Lawrence from Col. Winslow it notes that "I have advice from Capt. Lewis of the 25th Instant that the Inhabitants of Cobequid have entirely deserted that Country and that he had begun to burn and lay waste…" (to the houses and outbuildings).

Going back in time to Fort Cumberland, immediately before Capt. Willard set out on his raid on the Acadian villages of the present Colchester County, our story switches to the journal of John Thomas, a Massachusetts surgeon in the Col. Winslow Regiment. His August 11 entry states that "Capt. Thomas Lewis of the Rangers marched this morning with a party of our men to Cobequid, Remshic (Wallace) and sum other villages 150 miles distant". (There appears to be a discrepancy of dates here with Willard's diary). On August 26, "Capt. Willard Returned with ye party ye went out with Capt. Lewis & those that went with him the People ware much fetuged to Fort Lawrence".

It is unfortunate there is so little easily accessible information on the life and work of Capt. Thomas Lewis before and after 1755. He was certainly one of the prominent early surveyors and mappers of the country between the Bay of Fundy and the Northumberland Strait, in what is now Cumberland and Colchester Counties. Perhaps someone will have an interest in researching beyond that one year 1755, where he was involved in the expulsion of the Acadians and surveyed and produced maps of the area he travelled.

The foregoing is only a brief overview of the actions that took place in the history of northern Nova Scotia as part of the initial expulsion of the Acadians from Tatamagouche. Much more detail is included in the diaries of the military officers involved. Those were horrible times and perhaps our English historians have glossed over the atrocities that were perpetrated by our ancestors. It is such a pity that we did not learn in school the local history that shaped the life and culture of our communities today.

References:

-The source of the information for this article is from the narrative book Cobequid Meguma and Acadian Villages, by Norris M. Whiston, published in 2016, and available at the Colchester Historium in Truro. This book contains printed excerpts from the diaries of Capt. William Pote and Capt. Abijah Willard; letters of Col John Winslow; and the 1755 Report of Charles Morris, Surveyor General, concerning the Removal of the French Inhabitants. Mr. Whiston along with his assistants have assembled a manuscript of immeasurable value by including much of the known information on the Acadians and the military conflicts that occurred in Northern Nova Scotia during those turbulent times prior to and during the expulsion of the Acadian population of mainland Nova Scotia.

MEMBERSHIP UPDATES

CANDIDATE STATUS

Theodore Peters joined the Association December 2023 and employed with Natural Resources & Renewables.

Edward DeSaulniers joined the Association April 2024 with Labour Mobility.

MEMBERSHIP STATUS

Stephen Acker, NSLS #639, left Acker & Doucette Surveying on June 1, 2023 and employed with BHP in East Kemptville, NS.

Michel Therrien did not continue his Candidate membership January 2024.

Alexander Penner did not continue his Candidate membership January 2024.

James Redden, NSLS #472, retired his full membership on January 1, 2024.

Jamie Leslie, NSLS #682, retired his full membership on January 1, 2024.

Patrick Woolley, NSLS #699, received his commission on January 10, 2024 and employed with NS Public Works.

John Sutherland, NSLS #416, resigned his full membership in February 2024.

Natalie Burns, NSLS #700, received her commission on February 29, 2024 and employed with DesignPoint Engineering & Surveying Ltd.

Melissa Wood, NSLS #701, received her commission on March 18, 2024 and employed with DeWolfe & Morse Surveying Ltd.

Connor Pellerin, NSLS #702, received his commission on March 21, 2024 and employed with SDMM Ltd.

Bennett Blades, NSLS #703, received his commission on May 14, 2024 and employed with Natural Resources & Renewables.

Cody Marchand, NSLS #704, received his commission on June 14, 2024 and employed with Strum in Port Hawkesbury..

Edward DeSaulniers, NSLS #705, received his commission on July 10, 2024 and resides in New Brunswick.

COMPANIES

Acker & Doucette Surveying changed their name to Encompass Surveying & Engineering.

COGS RECIPIENTS

George T. Bates Award *(Graduating Survey Technician student with the highest average)* **Rowan Freeman**
James A. Church Award *(Has shown the most progress in the Survey Technician Program)* **Gordon Fogarty**
J.E.R. March Award *(Has the best kept field book in the Survey Technician Program)* **Brett Hall**
John S. Pope Award (*Has shown the most progress in the Geomatics Engineering Program)* **Mitchell Doiron**

NEW MEMBERS

JAMES PATRICK WOOLLEY, NSLS #699



Patrick Woolley is a recent transplant from Caledonia, an old Scottish settlement in Ontario beside the Six Nations reserve. A graduate of the University of Trinty College with a B.Sc. in Surveying, he received his OLS commission in 1988. His surveying career started in a Lead/Zinc Mine in Nanisivik, Nunavut. He worked with the Ontario Ministry of Transportation, J.D. Barnes and Marshal Macklin Monaghan before running a small town practice for 20 years in the Hamilton Area. In the last decade, managed the Cadastral office of a Burlington Engineering firm and recently headed legal surveying for Stantec's southwest Ontario Operations. Pat has done other things as well. These include being on the boards of the local Rotary Club, Victoria Park Community Homes, Hald Nor Credit Union, chambre of Commerce and the Consulting Surveyors of Ontario. He was a long time member of the Land Division Committee and was a founding member of The Lower Grand River Land Trust and was instrumental in surveying and registering on of Ontario's early Conservation easements. Pat is currently employed with Nova Scotia Public Works and is always active in the local church the family has long been active in community activities including air cadets, drama groups and politics. A long time Tiger-Cat fan he promises to change allegiance the moment Nova Scotia gets a CFL franchise. Pat received his commission on January 10, 2024.

NATALIE DONNA BURNS, NSLS #700



Natalie grew up in Tremont in Kings County, and currently resides in Halifax. She graduated from COGS in 2016, and then moved to Fredericton to complete her Bachelor of Science in Geomatics Engineering in 2020 while also being a teaching assistant in 2019. Natalie spent her summers working for Underhill Geomatics in both Whitehorse, Yukon, and Fort St. John, BC. Since graduating from UNB, Natalie joined the Association in 2020 and articled with Matthew Williams, NSLS #678 at DesignPoint Engineering in Bedford.
Natalie received her commission on February 20th, 2024.

MELISSA SUE WOOD, NSLS #701



Melissa grew up in Inglisville, five minutes from COGS, and still lives in the same community with her family. She attended Centre of Geographic Sciences (COGS) from 2003 to 2005, first obtaining a Certificate in Survey Technician and then obtaining a Diploma in Geomatics Eng. Technology. Upon graduating in 2005, Melissa was employed with Derik DeWolfe Surveying Limited (now DeWolfe & Morse Surveying Limited) until 2012. During this time, she was a Candidate Member with the Association of Nova Scotia Land Surveyors, articling under Derik R. DeWolfe, NSLS #546. From 2012 to 2014, Melissa was employed with B. Davison Surveying & Engineering Ltd. in Hants Border. Wanting to move closer to home, Melissa became employed with Dept. of Natural Resources, working as a Survey Technician in Lawrencetown. For almost seven years (from 2014 to 2021) Melissa worked on Crown land and was involved in many committees, expanding her professional development, and gaining much knowledge. Seeking growth and a more challenging career, Melissa moved back to DeWolfe & Morse Surveying Limited. She became a Project Manager and completed all necessary exams and projects to obtain her NSLS commission. In 2023, Melissa became a 1/3 shareholder of DeWolfe & Morse Surveying Limited. Melissa received her commission on March 19, 2024.

CONNOR S.T. PELLERIN, NSLS #702



Connor is from Truro NS. Worked with Dunwald and Fleming in Calgary, 2015-2016. Can-am Geomatics Corp. for the summers in Alberta and British Columbia in 2017 - 2020. Attended UNB in 2021, for his Bachelor of Science in Geomatics Eng. After graduation, he joined the SDMM Ltd. team in 2023 and articled with Dan Gerard, NSLS #618. Connor received his commission on March 22, 2024.

NEW MEMBERS(Con't)

BENNETT C. BLADES, NSLS #703



Bennett grew up in Jordan Falls, Shelburne County and now resides in Shelburne. He was educated with French Immersion 1992-2000 and took a small business management course at NSCC 2001-2002. His first exposure to surveying was in 2003, working in the seismic surveying industry with Eagle Navigation, in Edmonton, AB. Surveying piqued his interest and attended COGS from 2004-2006, graduating with Geomatics Engineering Technology. After graduation, he found employment with Can-Am Geomatics in Edmonton, AB until 2008. After returning to Nova Scotia, he joined the Department of Natural Resources and worked with Jerry Borden, NSLS #577 until 2011 and started with Raymond Pottier, NSLS #560. In 2014, Bennett joined the Association as a Candidate Member and began his articling under Raymond Pottier until he received his commission on May 14, 2024.

CODY A. MARCHAND, NSLS #704



Cody was born in Louisdale, Cape Breton. After high school, Cody attended STFX where he obtained an Advanced Major degree in Science. After graduation, he decided to change his education path. HIs love for the outdoors led him to discover surveying and engineering and found that it turned out to be the right decision. Cody joined the Strum Consulting team in 2021 and articled with Blake Beaton, NSLS #628. He spends the Spring and Summers fishing and playing baseball and golf. Cody spends the Fall and Winters playing hockey and hunting. Cody now resides in Judique, Cape Breton with his wife Jaymee and dog Nova. Cody received his commission on June 14th, 2024 and is happy to be part of our Association.

EDWARD L. DESAULNIERS, NSLS #705



Edward is from Grand Bay-Westfield, New Brunswick. He grew up working for his father at DeSaulniers Surveys Inc., surveying in the summers throughout high school. He later graduated from UNB in 1999 and received his land surveyors license in New Brunswick in 2005. Edward moved to Alberta in 2005 and worked for Focus in the oil and gas industry for 5 years, at which time he returned to New Brunswick to be closer to his family. Edward enjoys playing darts, hunting and fishing. Edward resides in Grand Bay-Westfield, with his wife Carol and 3 of their 5 kids along with their dog Pebbles and is looking forward to being part of the Association. Edward received his commission on July 10, 2024.

ANNOUNCEMENT OF OUR NEXT ANNUAL CONFERENCE

WHERE: White Point Beach Resort, 75 White Point #2 Road, Hunts Point, NS

WHEN: October 3rd to 5th, 2024

WHAT: October 3rd, Exhibitors Icebreaker in the evening

October 4th, General Meeting all day with our President's Luncheon and an evening Dance

October 5th, Seminar all day with a Luncheon included

OBITUARIES

BLACKBURN, ERNEST "ERNIE" CHARLES, NSLS #549 – Age 68, of Bible Hill, passed on May 2, 2024. Born in Middle Musquodoboit, he was a son of the late Earl and Marion "Molly" (Hunter) Blackburn.

Ernie graduated from NSLSI in 1976 and articled with Kenneth P. MacDonald, NSLS #245, with K.P. MacDonald & Associates from 1976 to 1983. Ernie received his NSLS commission in 1984. Shortly after his commission, he partnered with Douglas V. MacLeod, NSLS #543, and started their own company Fundy Land Surveys Ltd., and remains in business.

Ernie was active with association committees: Council 2007-2009, Board of Examiners 2014-2022, involved in Candidate survey projects 2013 & 2016, SRD Advisory 2009-2010, Land Titles, 2003-2007, Strategic Planning 2012-2020.

Ernie was a true car enthusiast and was a past president of the Corvette Club of Nova Scotia. He was a big NASCAR fan and an avid hockey player. Ernie was predeceased by his brother, David and sister, Barbara Streatch. He was a devoted husband to his wife, Christina "Tina" Kennedy, and is survived by many nieces and nephews.

A Celebration of Ernie's Life will be held on Tuesday, May 21st from 6-8 pm in Inn on Prince Hotel, Oak Room, Truro. Donations may be made to a charity of your choice. A message of condolence for the family may be left at: https://www.arimatheafuneral.ca/obituaries/2024/5/10/ernest-charles-blackburn

BRUCE EUGENE TURNER, NSLS #482 - Age 69, of New Ross, passed suddenly on August 13, 2024. Bruce was a son of Leon and Norma Turner.

Bruce was born in Toronto, Ontario in 1954 and later moved to Lunenburg, Nova Scotia and attended NSLSI. Bruce later articled with Stewart MacPhee, NSLS #370, in 1974, and Barrie Hebb, NSLS #333, in 1975. He received his commission in 1977, and was employed as a Regional Land Surveyor with the Department of Lands and Forests until 2004, and later resigned his NSLS Commission in 2005. Bruce was a Christmas tree producer with the Lunenburg County Christmas Tree Producers Association. In 1993, Bruce travelled to Ottawa on behalf of the Christmas Tree Producers Association, to present a Christmas Tree to Brian Mulroney. He was also a member of the Freemasons – being a true and faithful brother, and a past Master of Norwood Lodge #135, in New Ross for 30 years. Bruce valued natural resources and was a supportive member of his community and never hesitated to lend a helping hand to a neighbor, friend, or stranger.

Besides his parents, Bruce was predeceased by his wife Sandra and an infant child, Krista. Bruce is survived by his son, Ryan (Jessica), step-daughters Heather (Randy) and Schelene (Allan); granddaughters Lily, Saege, and Jade; sisters Diane and Ardith (Neil), brother Craig (Cynthia), several aunts, an uncle, and several nieces and nephews.

Visitation will be held at the Serenity Funeral Home, New Ross, on Sunday, August 18th, 2024 from 2-4 pm. Funeral to be held at Christ Anglican Church, on Monday, August 19th, 2024 at 2 pm. Condolences can be made at: https://serenityfuneralhome.ca/tribute/details/9337/Bruce-Turner/obituary.html

Minutes of the 73rd Annual General Meeting
Association of Nova Scotia Land Surveyors

Old Orchard Inn, Wolfville Ridge, Nova Scotia
Friday October 13, 2023

Meeting called to Order:
Meeting called to order at 9:10 AM by President Raymond Pottier.

Land Acknowledgement:
We in are Mi'kma'ki, the ancestral and unceded territory of the Mi'kmaq People. This territory is covered by the "Treaties of Peace and Friendship", which Mi'kmaq and Wolastoqiyik people first signed with the British Crown in 1725.

Conduct of Meeting:
President Raymond Pottier (as Chair) opened the AGM and mentioned that the meeting would be governed by Roberts Rules of Order and common sense. Each member wishing to speak should approach the microphone, state their name or be recognized by the Chair. When speaking to a motion there would be a maximum of five minutes and limited to one time only until all wishing to speak have had a chance. If time remains, members may speak a second time. Voting shall normally be done by a show of hands, but the Chair reserves the right to call for a secret ballot. Only active and life members of the association are permitted to vote. In the case of a tie the Chair shall decide the vote.

Andy DeCoste, NSLS #567 made a motion that the membership adopts the debate as outlined by the Chair.
Call for seconder: Glenn Crews, NSLS #579 ***Motion Carried.***

President Raymond Pottier introduced Phil Milo, NSLS #277 as Parliamentarian for the AGM.

Determination of Quorum:
The Association of Nova Scotia Land Surveyors (ANSLS) is required under its legislation to have a quorum of 35 for the Annual General Meeting (AGM) to be a valid meeting. Simeon Roberts confirmed that 89 voting members were present and that a quorum had been confirmed.

Approval of the 73rd Annual General Meeting Agenda:
Previously distributed via email to members. Agenda was also shown on projector screen at time of meeting.

Raymond Pottier, NSLS #560 mentioned the Bylaws specify the above order and he suggested flipping #18 and #19.
Call for a mover for amendment: Glenn Crews, NSLS #579 Seconded by: Nathan Clark, NSLS #627
Motion Carried.

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

Edward George Jeffrey, NSLS #580
Robert Edward O'Brien, NSLS #303
Keith Terrance White, NSLS #424
Arthur Frederick Chisholm, NSLS #46 (Life)
Terrance (Terry) Randolph Doogue, NSLS #376
James (Jim) Frederick Doig, NSLS #220 (Life)

Introductions of Out-of Town Guests:
President Raymond Pottier welcomed and thanked the out-of-town guests for attending the AGM:

Mike Thomson, President – Association of British Columbia Land Surveyors
Michael Louie, President – Alberta Land Surveyors Association
Brian Munday, Executive Director – Alberta Land Surveyors Association
Travis Wolfe, President – Saskatchewan Land Surveyors Association
Vince Sward, President – Association of Manitoba Land Surveyors
Dave Kovacs, President – Association of Ontario Land Surveyors
Max Putnam, President – Association of Canada Land Surveyors
Marie Robidoux, Registrar – Association of Canada Land Surveyors
Sam Arsenault, Vice-President – Association of Prince Edward Island Land Surveyors
Brandon MacDonald, President – Association of New Brunswick Land Surveyors
Mike Williams, Director – Professional Surveyors Canada

Introduction of Council Members:
President Raymond Pottier introduced the current 2022-2023 Executive and Council.

Past President – Andy DeCoste
Vice-President – Geoff Dick
President – Raymond Pottier
Zone 1 – Matt LeBlanc
Zone 2 – Timothy Wamboldt
Zone 3 – Matthew Berrigan
Zone 4 – Nathan Clark
Public Representative – Sasha Sears
Department of Natural Resources and Renewables – Bradley Middlemiss

Introduction of New Members:
New members were recognized and welcomed:

Cody DeRoach, NSLS #694
Davis Chaisson, NSLS #695
Jethro Gunn, NSLS #696
Adam Fitzgerald, NSLS #697
Chris Kingston, NSLS #698

Introduction of 2023 Exhibitors:
President Pottier welcomed and thanked the exhibitors for helping to make the AGM possible and successful. Exhibitors were all invited to the podium to say a few words:

Leica Geosystems
Arthur J Gallagher Canada Ltd.
Cansel Survey Equipment
Carlson Software
Brandt Tractor Ltd.
Canadian Lidar

President Raymond Pottier thanked our sponsor for helping with nutrition breaks:
Geomatics Association of Nova Scotia (GANS)
President Pottier also welcomed 14 second-year COGS students to the Annual General Meeting.

Review and Approval of the 72nd Annual General Meeting Minutes:
Held at the Delta Hotel by Marriott in Dartmouth on October 14, 2022 and published in the Spring 2023 edition of the Nova Scotia Surveyor, pages 24-30.

Call for any errors or omissions: None

Call for mover to approve the minutes: Glenn Crew, NSLS #579 Call of Seconder: Jody Isenor, NSLS #637

Motion Carried.

Business arising from the minutes of the 72nd Annual General Meeting Minutes: None

Guest Speaker:
Brian Munday, Executive Director of the Alberta Land Surveyors' Association spoke about Alberta's Professional Governance Act and what has been learned to this point.

BREAK 10:30 AM

Presidents Report:
It has been my privilege to serve as the President of the Association of Nova Scotia Land Surveyors this past year. My year is nearly done, and it has been an interesting and challenging year both for our Association generally, and Nova Scotians in particular. We are now just over a year after hurricane Fiona wreaked havoc upon the province in September 2022. In the past number of eight months or so, we've experienced a long dry spring leading to some very destructive wildfires in late May and early June. In July we were set upon by an historic rainfall event that dumped three months worth of rain in a twenty-four-hour period on parts of the province, flooding properties and washing out roads. Then just in case we were encouraged to relax a bit two tropical storms visited the Western part of the province and caused widespread damage along the Atlantic coast.

In the meantime, since my last report, I did manage to travel to the Association on Newfoundland Land Surveyors annual meeting in May and to the Saskatchewan Land Surveyors Association annual meeting where we had informative and productive Presidents Forum discussions. Unfortunately, this year, I was not able to travel to the Association of British Columbia Land Surveyors meeting, the Association of Canada Land Surveyors/Professional Surveyors Canada national meeting, or the Ordre des arpenteurs-géomètre du Québec meeting due to budget constraints. I believe that the Presidents Forum discussions are important to the exchange of ideas amongst the Canadian sister associations and that funding the President's travel is a money well spent.

This year, much of the Executive Director's time and Council's deliberations have centred around our Strategic Plan and moving toward achieving our strategic goals all the while keeping the public interest as one of our core values. Over the past two years, we have made progress on all our goals but still have much work left to do. Traditionally, the incoming President had a few goals that they wanted to achieve and worked with Council to move this agenda forward. With our current strategic plan approved by Council and overseen by the Executive director this will serve to define the Association's agenda and drive Council's frame of reference. We are slowly redefining our role as a regulator whose primary role is to protect the public interest.

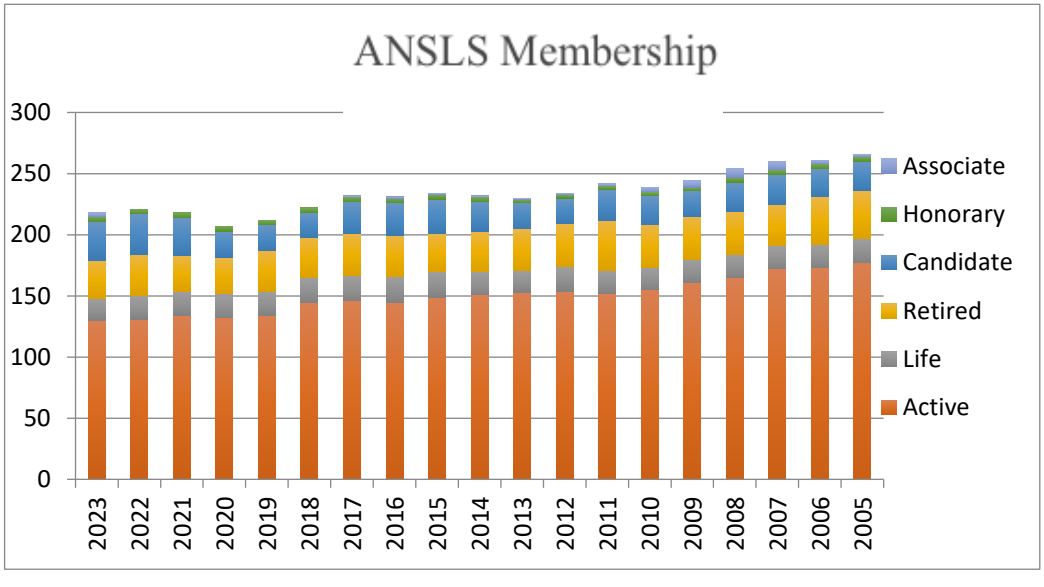
I was pleased with the Spring Seminar held at the Delta Hotel in Dartmouth on 2 June 2023. We learned more about our Nova Scotia Coordinate Referencing System and of a new North American Coordinate Referencing System being adopted in the United States and in Canada in the not-too-distant future. There was a presentation by the Surveyor General Branch about tools for accessing the CLSR. A timely discussion was had about Digital Signatures and how they all work. The PRD Manager covered several topics in his presentation, including some observations he had made during his first few months as PRD manager including timely topics covering our roles and responsibilities as Nova Scotia Land Surveyors to the public.

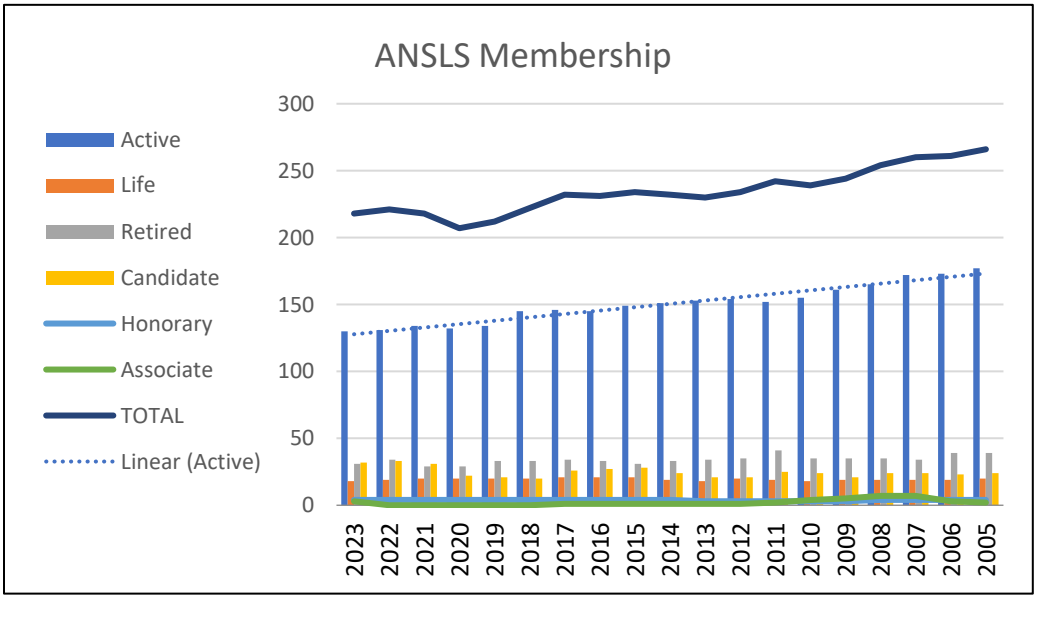
Thank you for having afforded me the opportunity to serve as President. I encourage you to participate in Association activities whether it is as a committee member or by serving a term on Council. Get involved and stand out among your peers.

Executive Director's Report:

Simeon Roberts gave the Executive Director's report starting with the membership report:

	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009
Dues $	$1,650	$1,500	$1,500	$1,500	$1,500	$1,500	*$1,500*	$1,200	$1,200	$1,200	$1,200	$1,200	*$1,200*	$1,100	$1,100
Active	130	131	134	132	134	145	146	145	149	151	153	154	152	155	161
Life	18	19	20	20	20	20	21	21	21	19	18	20	19	18	19
Retired	31	34	29	29	33	33	34	33	31	33	34	35	41	35	35
Candidate	32	33	31	22	21	20	26	27	28	24	21	21	25	24	21
Honorary	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3
Associate	3	0	0	0	0	0	1	1	1	1	1	1	2	4	5
TOTAL	**218**	**221**	**218**	**207**	**212**	**222**	**232**	**231**	**234**	**232**	**230**	**234**	**242**	**239**	**244**





Simeon mentioned if you look at the trend lines on the graph of active members, it is very clear how we are facing a slippery slope. The average age of our active members is now 54 years; with active members 49 years and younger only representing 43% of the Association. If you dissect our membership numbers you will see:

Active Members	129
Active Life Members	1
Sub-Total Active Members	**130**
New Members in 2023	**5**
# Voting Members Registered	**118**
Retired Members (Regular)	31
Retired Members (Life)	18
Sub-Total Retired Members	**49**
# Retired in 2022-2023	5
# Resigned in 2022-2023	6
Sub-Total Retired & Resigned	**11**
Candidates	27
New Candidates in 2023	**5**
Sub-Total Candidates	**32**
Life Members	16
New Life Members	2
Sub-Total Life Members	**18**
Corporate Permits	49
Associate Members	3
Members Passed Away	3
Life Members Passed Away	2
Retired-Resigned Members Passed	1
Sub-Total Members Passed Away	**6**

Simeon continued to mention that as we can see the number of students who attend COGS, then move onto UNB and henceforth article within Nova Scotia is declining.

Simeon stressed that we are the regulator and there is a distinct difference from being a regulator and providing member services. Although a Professional Governance Act does not seem imminent in Nova Scotia, it will probably be with us at some point. All we can do is be proactive and do whatever we can to address the issues and points brought up by the Professional Governance Act across Canada and it is clearly linked to the process we have under the Fair Registration Practices Act (FRPA). Ensuring our compliance with FRPA continues to be a priority in the year ahead. Our priority being a regulator is to ensure we are compliant with our Act, Regulations and By-Laws and this will certainly be a focus for council.

Financial Report:
President Raymond Pottier stated that due to a corrupted accounting file the 2022 financial report was unavailable prior to the AGM but will be distributed forthwith.

Simeon Roberts brought up 2022 financial report and briefly reviewed it. President Raymond Pottier concluded by stating the finances are open for review to any member who may have questions.

Nominating Committee Report:
The following list of nominations was received by the Executive Director pursuant to Section 10 of the Bylaws of the Association of Nova Scotia Land Surveyors:

President – Geoffrey C Dick, NSLS #665
Vice President – Timothy Wamboldt, NSLS #624
Zone 2 Councillor – Jody Isenor, NSLS #637
Zone 3 Councillor – Andrew Grant, NSLS #687

President Pottier provided an overview of the proposed new Council members as recommend by the Nominating Committee. He called three times for the floor to nominate addition names to be added to the roster of Council members. There were none; therefore, a vote was not necessary and the nominations were acclaimed.

Report of Committees:
The following committees gave short reports:

Public Awareness Committee – Wes McNeil: COGS, Options and Opportunities Program
Public Awareness Committee – Kyle Harrington: Options and Opportunities Program
Public Awareness Committee – Geoffrey Dick: Attract Students, Get Kids into Survey
Governance Committee – Raymond Pottier: Motions for more inclusive language, Council, By-Laws
Reinstatement Committee – Raymond Pottier: Applications, Conditions

LUNCH 12:00 PM

Life & Honorary Members:
Upon calling the meeting back to order after the lunch break President Pottier began by reviewing Section 32 of the By-Laws pertaining to Life Members. Council discussed exactly how you quantify and nominate a member for Life Membership. Council was given nominations but needed more information on the nominees and did not have time before the AGM to meet again review the new information and vote. Therefore, there were no names nominated this year.

Installation of Officers & Presentations to Out-Going:
President Raymond Pottier introduced the new 2023-2024 Executive and Council as acclaimed:

President – Geoffrey Dick, NSLS #665
Vice-President – Timothy Wamboldt, NSLS #624
Past President – Raymond Pottier, NSLS #560
Zone 1 – Matthew LeBlanc, NSLS #673
Zone 2 – Jody Isenor, NSLS #637
Zone 3 – Andrew Grant, NSLS #687
Zone 4 – Nathan Clark, NSLS #627
Public Representative – Sasha Sears
Department of Natural Resources and Renewables – Bradley Middlemiss

Thank you to Out-Going Officers and Members:
Past President – Andy DeCoste, NSLS #567
Zone 2 – Timothy Wamboldt, NSLS #624
Zone 3 – Matthew Berrigan, NSLS #664

Approval of the 2024 Budget:
President Raymond Pottier indicated that the 2024 Proposed Budget is published in the 2023 Fall issue of the Nova Scotian Surveyor.

Call for a mover to approve the 2024 budget: Kevin Lombard, NSLS #613

Call for seconder: Alan Gallant, NSLS #608 ***Motion Carried.***

Motions for Consideration:
Raymond Pottier - as Chair of the Governance Committee reviewed the motions as follows:

MOTION 1

WHEREAS the Council of the Association of Nova Scotia Land Surveyors is desirous of ensuring their governance documents use gender non-specific language.

AND WHEREAS Section 1.5, Section 3.1, Section 3.2, and Section 3.5 of the Association of Nova Scotia Land Surveyors Code of Ethics make use of the pronouns "his" or "his/her" and read as highlighted in green below:

1.5 A member has a duty to assist his/her students and employees in the theoretical and practical aspects of land surveying to the best of the member's ability, so as to permit them an opportunity to achieve their optimum level of contribution to society and the profession.

3.1 A member has a duty to maintain the integrity and dignity of the profession through his association with his clients, colleagues, subordinates and others, and shall participate in the ongoing activities of the Association.

3.2 The member has a duty to exercise unbiased independent professional judgment on behalf of his client and shall represent his client(s) competently.

3.5 A member shall sign and seal only such plans, documents or work that have been prepared or carried out under his/her direct professional supervision.

BE IT RESOLVED that in Section 1.5, Section 3.1, Section 3.2, and Section 3.5 of the Code of Ethics, the pronouns "his" or "his/her" be struck out and replaced by the pronoun "their" as highlighted in yellow below:

1.5 A member has a duty to assist ~~his/her~~ their students and employees in the theoretical and practical aspects of land surveying to the best of the member's ability, so as to permit them an opportunity to achieve their optimum level of contribution to society and the profession.

3.1 A member has a duty to maintain the integrity and dignity of the profession through ~~his~~ their association with ~~his~~ their clients, colleagues, subordinates and others, and shall participate in the ongoing activities of the Association.

3.2 The member has a duty to exercise unbiased independent professional judgment on behalf of ~~his~~ their client and shall represent ~~his~~ their client(s) competently.

3.5 A member shall sign and seal only such plans, documents or work that have been prepared or carried out under ~~his/her~~ their direct professional supervision.

MOVED BY: Michael Doucette, NSLS # 636 **SECONDED BY:** Blake Beaton, NSLS #628
Motion Carried with amendment as per Motion #1.3.

MOTION 1.2

Motion from the floor to defer consideration of this motion until it can be placed in English that is at least more grammatical and hopefully more elegant.

MOVED BY: Glenn Myra, NSLS #584 **SECONDED BY:** James Redden, NSLS #572 ***Motion Defeated.***

MOTION 1.3

Amendment to the motion from the floor to authorize the committee to make the changes as per the motion plus correct the grammar to suit the changes made.

MOVED BY: Dave Roberts, NSLS #420 **SECONDED BY:** Glen Myra, NSLS #584 ***Motion Carried.***

MOTION 2

WHEREAS the Council of the Association of Nova Scotia Land Surveyors is desirous of ensuring their governance documents use gender non-specific language.

AND WHEREAS in Section 1.9 of the Association of Nova Scotia Land Surveyors By-Laws (By-Laws), Schedule "A", in the third sentence in the General Section of the By-Laws, Schedule "C", in Section 2(v) and in Section 3(i) of the By-Laws, Schedule "C" use the pronouns "he/she", "his/her" and "him/her" and read as highlighted in green below:

1.9 Should a member of Council obtain employment with the ANSLS, he or she must resign from Council.

Schedule "A"
General

…. The Nova Scotia Land Surveyor only signs off on the articles when he/she feels that the candidate has acquired the appropriate level of experience to obtain active membership….

Schedule "C"

2(v) Achieving an understanding of professional and business ethics and applying this understanding in his/her business practices;

3(i) Ensuring that all aspects of a project assigned to him/her are effectively managed including cost, time, human resources, material and equipment;

BE IT RESOLVED that in Section 1.9 of the By-Laws, Schedule "A", in the third sentence in the "General" Section of the By-Laws, Schedule "C", in Section 2(v) and in Section 3(i) of the By-Laws, Schedule "C" that the pronouns he/she", "his/her" and "him/her" be struck out and replaced by the pronouns "they", "their", and "them" as highlighted in yellow below:

1.9 Should a member of Council obtain employment with the ANSLS, ~~he or she~~ they must resign from Council.

Schedule "A"
General

…. The Nova Scotia Land Surveyor only signs off on the articles when ~~he/she~~ they feel that the candidate has acquired the appropriate level of experience to obtain active membership….

Schedule "C"

2(v) Achieving an understanding of professional and business ethics and applying this understanding in ~~his/her~~ their business practices;

3(i) Ensuring that all aspects of a project assigned to ~~him/her~~ them are effectively managed including cost, time, human resources, material and equipment;

MOVED BY: Michael Doucette, NSLS #636 **SECONDED BY:** Matthew Williams, NSLS #678 ***Motion Carried***

MOTION 3

WHEREAS the Council of the Association of Nova Scotia Land Surveyors is desirous of clarifying and updating the conditions required to lift a suspension imposed under Section 36(7) of the Association of Nova Scotia Land Surveyors By-Laws (By-Laws).

BE IT RESOLVED that Section 36(8) of the By-Laws be amended as highlighted in yellow below:

36(8) In order to lift any suspension imposed pursuant to subsection (7), the member must pay a reinstatement fee of 50% of an Active Member's annual dues and the member must complete the required professional development credits by the end of the calendar year.

MOVED BY: Michael Doucette, NSLS #636 **SECONDED BY:** Matthew Williams, NSLS #678 ***Motion Carried***

MOTION 4

WHEREAS Section 31(2) and Section 33(3) of the Association of Nova Scotia Land Surveyors By-Laws (By-Laws) read as follows:

31(2) There shall be no annual fee charged to a life member.

33(3) Retired members shall pay such fees for membership as determined by Council.

BE IT RESOLVED that Section 31(2) and Section 33(3) of the By-Laws be amended as highlighted in yellow below:

31(2) there shall be no annual fee charged either to a life member or to a retired member with 30 years or more as an active member.

33(3) Subject to Section 31(2) of the ByLaws, retired members shall pay such fees for membership as determined by Council.

MOVED BY: Arthur Backman, NSLS #474 **SECONDED BY:** Glenn Myra, NSLS #584 ***Motion Carried***

New Business:

President Geoffrey Dick invited any member who would like to present New Business for discussion to do so. He stated that members may also make motions or recommendations for council to consider in the coming year.

Motion to allow the Governance Committee to continue their review of Association documents and ensure that gender specific language is changed, and grammatically correct, to gender-neutral language.

MOVED BY: Jody Isenor, NSLS #637 **SECONDED BY:** Dave Roberts, NSLS #420 ***Motion Carried***

Adjournment:

President Geoffrey Dick called for a motion to adjourn the meeting. Moved by: Andy DeCoste, NSLS #567

Meeting adjourned by President Geoffrey Dick at 3:06pm.

The Association of Nova Scotia Land Surveyors

Financial Statements

December 31, 2023

The Association of Nova Scotia Land Surveyors

December 31, 2023

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Independent Practitioner's Review Engagement Report

To the Shareholders
The Association of Nova Scotia Land Surveyors

We have reviewed the accompanying financial statements of The Association of Nova Scotia Land Surveyors that comprise the balance sheet as at December 31, 2023 and the statements of operations and accumulated operating surplus, and cash flows for the year then ended, and a summary of significant accounting policies and other explanatory information.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with Canadian accounting standards for not-for-profit organizations, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

Practitioner's Responsibility

Our responsibility is to express a conclusion on the accompanying financial statements based on our review. We conducted our review in accordance with Canadian generally accepted standards for review engagements, which require us to comply with relevant ethical requirements.

A review of financial statements in accordance with Canadian generally accepted standards for review engagements is a limited assurance engagement. The practitioner performs procedures, primarily consisting of making inquiries of management and others within the entity, as appropriate, and applying analytical procedures and evaluating the evidence obtained.

The procedures performed in a review are substantially less in extent than, and vary in nature from those performed in an audit conducted in accordance with Canadian generally accepted auditing standards. Accordingly, we do not express an audit opinion on these financial statements.

Conclusion

Based on our review, nothing has come to our attention that causes us to believe that the financial statements do not present fairly, in all material respects, the financial position of The Association of Nova Scotia Land Surveyors as at December 31, 2023, and the results of its operations and its cash flows for the year then ended in accordance with Canadian accounting standards for not-for-profit organizations.

G&R

G&R Chartered Professional Accountants

Dartmouth, Nova Scotia
September 20, 2024

The Association of Nova Scotia Land Surveyors

Balance Sheet

December 31, 2023

	2023 $	2022 $
Assets		
Current Assets		
Cash	962,662	930,435
Accounts receivable	83,603	55,852
HST receivable	19,900	13,723
Total Current Assets	1,066,165	1,000,010
Computers, net of accumulated amortization of $2,563 (2022 - $1,329)	1,009	2,243
Total Assets	1,067,174	1,002,253
Liabilities and Shareholders' Equity		
Current Liabilities		
Accounts payable and accrued liabilities	12,596	39,573
Employee deductions payable	5,935	11,363
Deferred revenue	190,165	104,737
Total Current Liabilities	208,696	155,673
Net Assets		
Accumulated operating surplus	858,478	846,580
Total Liabilities and Net Assets	1,067,174	1,002,253

SIGNED ON BEHALF OF THE MEMBERS

Simeon T. Robertt

Executive Director

The Association of Nova Scotia Land Surveyors

Statement of Operations and Accumulated Operating Surplus

For the Year Ended December 31, 2023

	2023 $	2022 $
Revenue (schedule A)		
Membership dues	219,945	194,150
Survey review	121,310	115,035
General operations	68,166	56,608
Other operations	260	840
Total Revenue	409,681	366,633
Operating Expenses		
Administration (schedule B)	320,790	316,791
Board of Examiners (schedule B)	(200)	-
Committees (schedule C)	1,863	5,884
Grants, levies and awards (schedule C)	42,672	43,469
Miscellaneous (schedule C)	3,314	7,738
Office accommodations (schedule C)	29,344	27,342
Total Expenses	397,783	401,224
Operating Surplus (Deficit) for the Year	11,898	(34,591)
Accumulated Operating Surplus - Beginning of Year	846,580	881,171
Accumulated Operating Surplus - End of Year	858,478	846,580

The Association of Nova Scotia Land Surveyors

Statement of Cash Flows

For the Year Ended December 31, 2023

	2023 $	2022 $
CASH FLOWS FROM OPERATING ACTIVITIES:		
Operating surplus (deficit) for the year	11,898	(34,591)
Adjustments to operating surplus not involving cash - amortization	1,234	925
Increase in accounts receivable	(27,751)	(9,051)
Increase (Decrease) in accounts payable	(38,582)	2,522
Increase in deferred revenue	85,428	46,198
TOTAL CASH FLOWS FROM OPERATING ACTIVITIES	32,227	6,003
CASH FLOWS FROM INVESTING ACTIVITIES:		
Purchase of a computer	-	(2,972)
TOTAL CASH USED BY INVESTING ACTIVITIES	-	(2,972)
INCREASE IN CASH	32,227	3,031
CASH - BEGINNING OF YEAR	930,435	927,404
CASH - END OF YEAR	962,662	930,435

The Association of Nova Scotia Land Surveyors

Notes to the Financial Statements

For the Year Ended December 31, 2023

The Association of Nova Scotia Land Surveyors (the Association) was incorporated as a professional organization under the Land Surveyors Act of Nova Scotia to establish and maintain standards of the profession.

1. Significant Accounting Policies

Basis of Accounting

The financial statements have been prepared in accordance with Canadian accounting standards for not-for-profit organizations (ASNFPO) and include the following significant accounting policies:

Financial Instruments

The financial assets and liabilities are initially recorded at fair value. The Association subsequently measures all its financial assets and financial liabilities at cost or amortized cost. Changes in fair value are recognized in net income.

Financial assets measured at cost include cash and accounts receivable. Financial liabilities measured at cost include accounts payable and amounts owing to government.

Cash

The Association defines cash as the amount of cash on hand and cash on deposit net of cheques that are issued and outstanding at the end of the year.

Computers

Computers are recorded at cost. Amortization is calculated using the declining balance method at the annual rate of 55% for computers.

In the year of acquisition, amortization is calculated at one-half of the annual rate.

Long Term Investments

The Association's investments, consist entirely of guaranteed investment certificates that are quoted in an active market and are initially and subsequently measured and recorded at their fair value, determined on the basis of market value. Changes in fair value are recognized in income in the period incurred. Transaction costs that are directly attributable to the acquisition of these investments are recognized in net income in the period incurred. Realized and unrealized gains and losses on investments are reported in the statement of earnings.

Impairment of Long-lived Assets

Property subject to amortization is tested for impairment whenever events or changes in circumstances indicate that the carrying amount may not be recoverable. An impairment loss is recognized when the carrying amount of the asset exceeds the sum of the projected future net cash flows resulting from its use and eventual disposition. The impairment loss, if any is measured as the amount by which the carrying amount of the asset exceeds its fair value. To December 31, 2023, no impairment losses have been recorded.

1. Significant Accounting Policies continued

Income Taxes

The Association is a not-for-profit organization, as described in Section(1)(1) of the *Income Tax Act*, and therefore exempt from income taxes.

Revenue Recognition

Revenue is recorded and recognized in the period that it is due and considered collectible.

Contributed Services

The Association would not be able to carry out its activities without the services of many volunteers who donate a considerable number of hours. Because of the difficulty of determining the fair value, contributed services are not recognized in the financial statements.

Statement of Cash Flows

The Association prepares the statement of cash flows on a net cash basis and reports the cash flows from operating and financing activities using the indirect method.

Use of Estimates

The preparation of financial statements in accordance with Canadian accounting standards for not-for-profit organizations requires management to make estimates and assumptions that effect the reported amounts of assets and liabilities, the disclosure of contingent assets and liabilities as at December 31, 2023 and the reported amounts of revenues and expenses for the year then ended. These estimates are reviewed periodically, and, as adjustments become necessary, they are reported in earnings in the year in which they become known.

2. Financial Instruments

The significant financial risks to which the Association is exposed are, interest rate risk, liquidity risk, and credit risk.

Interest Rate Risk

Interest rate risk is the risk that the fair value or future cash flows of a financial instrument will fluctuate because of changes in market interest rates. The Association's primary objective is to ensure the security of principal amounts while achieving a satisfactory return. The Association does not use derivative financial instruments to alter the effects of this risk.

Liquidity Risk

Liquidity risk is the risk that the Association will encounter difficulty in meeting its obligations associated with financial liabilities. The Association is exposed to liquidity risk arising primarily from accounts payable and amounts due to the government. The Association's approach to managing liquidity is to ensure that it always has sufficient cash flows and cash on hand to meet its operating obligations.

Credit Risk

Financial instruments that potentially subject the Association to credit risk consist of cash and cash equivalents and accounts receivable. The Association uses reputable institutions for cash and believes the risk of loss to be remote. The Association estimates an allowance for doubtful accounts for accounts receivable. As at December 31, 2023 an allowance for doubtful accounts of $6,600 (2022 - $Nil) for accounts receivable was recorded. The Association does not believe it faces significant credit risk exposure. The fair values of items that meet the definition of financial instruments approximate their carrying values. Any credit losses are provided for the financial statements and consistently have been within management's expectations.

3. Commitments

The association has entered into a three-year property lease agreement expiring November 30, 2024 with minimum annual payments over the next two years of $24,872.

The Association of Nova Scotia Land Surveyors

For the Year Ended December 31, 2023

Schedule of Revenue

Schedule A

	2023 $	2022 $
Membership Dues		
Regular	209,678	185,195
Retired	4,864	4,575
Associate	500	-
Student	4,903	4,380
Total Membership Dues Revenue	219,945	194,150
Survey Review		
SRD plan	96,530	98,670
SLC number	19,055	12,445
Other SRD revenue	5,725	3,920
Total Survey Review Revenue	121,310	115,035
General Operations		
Certificates of authorization	9,950	8,200
Convention receipts	15,350	16,900
Interest income	11,061	4,427
Miscellaneous	745	2,131
Nova Scotian Surveyor	-	600
Seminars	31,060	24,350
Total General Operations Revenue	68,166	56,608
Other Operations		
Service charges	260	840
Total Revenue	409,681	366,633

The Association of Nova Scotia Land Surveyors

For the Year Ended December 31, 2023

Schedule of Expenses

Schedule B

	2023 $	2022 $
Administration		
Accounting service	4,285	7,996
Advertising	725	1,475
Amortization	1,234	925
Bad Debt Expenses - Admin	6,600	-
Benefits - medical, dental and RRSP	6,065	8,862
CPP, EI and workers' compensation	10,287	10,539
Council meetings	1,386	1,492
Executive director expenses	2,502	1,817
Executive expenses	248	216
General meeting - convention	29,932	41,916
Legal services	3,178	12,835
Nova Scotian Surveyor	-	1,076
Office supplies	3,145	10,356
Postage	144	60
President's travel	17,226	13,812
Professional dues and fees	-	200
Salary - Administrators	66,087	62,603
Salary - Executive director	80,966	75,915
Seminars	8,922	10,820
SRD Manager contract	75,460	49,000
SRD Manager expense	-	834
Staff training and education	-	35
Telephone, fax and internet	2,398	4,007
Total Administration Expenses	320,790	316,791
Board of Examiners		
Examinations	(200)	-
Total Board of Examiners Expenses	(200)	-

The Association of Nova Scotia Land Surveyors

For the Year Ended December 31, 2023

Schedule of Expenses

Schedule C

	2023 $	2022 $
Committees		
Complaints	328	5,272
Continuing education	200	-
Other	198	-
Public awareness	1,137	612
Total Committees Expense	1,863	5,884
Grants, Levies and Awards		
C.B.E.P.S. levy	9,047	6,856
C.O.G.S. awards	2,500	2,500
Professional Surveyors Canada	31,125	34,113
Total Grants, Levies and Awards Expense	42,672	43,469
Miscellaneous		
Courier	436	296
Donation - memorials	250	1,572
GANS expense	75	75
Interest and bank charges	2,317	2,358
Penalties and interest	236	2,583
Other miscellaneous expenses	-	854
Total Miscellaneous Expenses	3,314	7,738
Office Accommodations		
Insurance	4,033	3,936
Rent	25,311	22,799
Utilities	-	607
Total Office Accommodations Expense	29,344	27,342

2025 Budget (Proposed)

Prepared September 2024

		2025 Budget (Proposed)	2024 Actual to 09-05-2024	2024 Budget	2023 Budget
REVENUE					
ADMINISTRATION REVENUE					
Member Dues	(130@$1,900)	$243,200.00	$243,258.06	$247,000.00	$209,550.00
Retired Dues	(36@150)	$2,400.00	$2,100.00	$5,400.00	$5,700.00
Associate Dues	(3@200)	$800.00	$800.00	$600.00	$0.00
Candidate Dues	(27@200)	$5,400.00	$6,443.89	$5,400.00	$5,850.00
Total Dues		**$251,800.00**	**$252,601.95**	**$258,400.00**	**$221,100.00**
Dues Service Charges		$800.00	$560.00	$800.00	$800.00
Certificate of Authorization/Corporate Permit	(49@$400)	$20,000.00	$20,000.00	$19,600.00	$9,800.00
Nova Scotian Surveyor		$1,200.00	$0.00	$1,200.00	$2,400.00
Convention Revenue		$18,500.00	$0.00	$18,500.00	$18,500.00
Seminar Revenue		$36,000.00	$13,199.57	$30,000.00	$25,000.00
Hearing Committee Revenue		$0.00	$0.00	$0.00	$0.00
Interest Earned		$0.00	$8,103.34	$500.00	$150.00
Investments		$24,000.00	$0.00	$30,000.00	$30,000.00
Other Admin Revenue		$1,500.00	$1,325.00	$1,500.00	$1,500.00
Miscellaneous		$0.00	$0.00	$0.00	$0.00
Service charges		$0.00	$0.00	$0.00	$0.00
TOTAL ADMINISTRATION REVENUE		**$353,800.00**	**$295,789.86**	**$360,500.00**	**$309,250.00**
					-
PRD REVENUE					
PRD/SLC Numbers	($10@)	$19,500.00	$12,240.00	$15,830.00	$26,600.00
PRD Plan	($35@)	$108,500.00	$65,780.00	$96,040.00	$90,000.00
Other PRD Revenue(extra lots)	($5@)	$5,500.00	$2,660.00	$3,755.00	$5,000.00
TOTAL PRD REVENUE		**$133,500.00**	**$80,680.00**	**$115,625.00**	**$121,600.00**
TOTAL REVENUE		**$487,300.00**	**$376,469.86**	**$476,125.00**	**$430,850.00**
EXPENSES					
ADMINISTRATION					
Accounting Services		$6,000.00	$0.00	$3,900.00	$3,900.00
Sage Multi-use licence		$1,757.00	$1,557.00	$1,615.00	$1,345.00
Advertising(Newspaper)		$1,300.00	$1,167.00	$1,575.00	$1,200.00
Salaries					
Salary - Executive Director	(5% COL)	$85,942.91	$57,765.96	$83,439.72	$79,466.40
Salary - Administrative Assistant	(5% COL)	$41,964.79	$28,206.36	$40,742.52	$38,802.40
Salary - PRD Assistant (PT)	(5% COL)	$30,889.01	$20,761.92	$29,989.33	$28,561.27
Salary Administrators		$0.00	$0.00	$0.00	$0.00
TOTAL SALARIES		**$158,796.71**	**$106,734.24**	**$154,171.57**	**$146,830.07**

Independent Contractor - Practice Review		$77,968.80	$44,590.00	$76,440.00	$75,460.00
TOTAL PRD EXPENSES		**$77,968.80**	**$44,590.00**	**$76,440.00**	**$75,460.00**
Benefits					
Benefits - CPP		$7,500.00	$5,918.22	$7,300.00	$7,100.00
Benefits - EI		$3,200.00	$2,480.40	$3,200.00	$3,000.00
Benefits - Medical & Dental		$5,000.00	$3,330.00	$8,000.00	$5,000.00
Benefits - RRSP	(see note 10)	$4,500.00	$2,076.84	$4,500.00	$4,500.00
Benefits - Workers' Compensation		$800.00	$736.01	$525.00	$525.00
Sub-Total; CPP, EI & Workers Compensation		$0.00	$0.00	$0.00	$0.00
TOTAL BENEFITS		**$21,000.00**	**$14,541.47**	**$23,525.00**	**$20,125.00**
					-
Other Expenses					
Amortization		$0.00	$0.00	$0.00	$0.00
Bad Debt Expenses (Admin)		$0.00	$0.00	$0.00	$0.00
Convention & Annual Meeting Expense	(see note 2)	$25,000.00	$7,000.00	$25,000.00	$25,000.00
Council		$5,800.00	$0.00	$750.00	$750.00
Depreciation		$0.00	$0.00	$0.00	$0.00
Equipment Rental & Maintenance	(see note 4)	$400.00	$0.00	$400.00	$400.00
Executive Director Expenses		$3,200.00	$2,158.12	$3,200.00	$1,500.00
Executive Director - cell phone		$600.00	$400.00	$600.00	$600.00
Executive Expenses	(see note 5)	$400.00	$0.00	$400.00	$400.00
Legal Services		$15,000.00	$0.00	$15,000.00	$10,000.00
Nova Scotian Surveyor		$900.00	$0.00	$900.00	$900.00
Office Supplies		$2,000.00	$353.69	$4,900.00	$4,900.00
Office & Computer Equipment		$2,500.00	$0.00	$2,500.00	$2,000.00
Postage		$250.00	$0.00	$750.00	$0.00
President's Travel	(see note 6)	$20,000.00	$10,676.89	$20,000.00	$20,000.00
Printing		$250.00	$0.00	$250.00	$250.00
Professional Dues & Fees		$4,125.00	$0.00	$4,125.00	$4,125.00
Seminars		$21,344.00	$8,072.70	$9,500.00	$8,000.00
Staff Training		$500.00	$0.00	$500.00	$500.00
IT (Telephone, Internet, etc.)		$0.00	$0.00	$0.00	$0.00
Internet - Eastlink		$1,440.00	$919.60	$1,400.00	$1,259.40
nGenuity		$3,600.00	$4,518.84	$3,000.00	$2,578.20
BitDefender		$100.00	$99.99	$100.00	$78.25
GoToMeeting		$300.00	$0.00	$300.00	$260.00
Newsletter - Constant Contact		$200.00	$128.00	$200.00	$156.00
Adobe Subscription		$350.00	$311.88	$0.00	$0.00
Website Modernization		$15,000.00	$0.00	$25,000.00	$15,299.00
Website Annual Maintenance		$460.00	$460.00	$800.00	$699.00
Zone Meetings		$500.00	$0.00	$500.00	$500.00
TOTAL OTHER EXPENSES		$124,219.00	$35,099.71	$120,075.00	$100,154.85
TOTAL OFFICE ADMINISTRATION		**$391,041.51**	**$203,689.42**	**$381,301.57**	**$273,554.92**

COMMITTEES					
Administrative Review Committee		$0.00	$0.00	$150.00	$150.00
Complaints Committee		$6,000.00	$4,738.56	$5,000.00	$5,000.00
Continuing Education Committee		$200.00	$138.58	$150.00	$150.00
Hearing (Discipline) Committee	(see note 1)	$0.00	$0.00	$0.00	$0.00
Governance Committee		$0.00	$0.00	$150.00	$150.00
Other Committees		$300.00	$254.43	$150.00	$150.00
Registration Appeal Committee		**$1,350.00**			
Part 9 Review - Digital Signatures	(set up)	**$1,500.00**			
Public Awareness Committee		$5,000.00	$928.16	$5,000.00	$5,000.00
Practice Review Committee		$0.00	$0.00	$150.00	$150.00
TOTAL COMMITTEES		**$14,350.00**	**$6,059.73**	**$10,750.00**	**$10,750.00**
GRANTS, LEVIES & AWARDS					
CBEPS Levy	(see note 9)	$8,602.50	$8,935.50	$8,952.12	$6,897.30
PSC Levy	(see note 7)	$31,872.00	$31,125.00	$33,615.00	$31,623.00
ACLS GeoEd provider		**$200.00**	$200.00	$200.00	$200.00
COGS Awards	(see note 3)	**$2,500.00**	$2,500.00	$2,500.00	$2,500.00
TOTAL GRANTS, LEVIES & AWARDS		**$43,174.50**	**$42,760.50**	**$45,267.12**	**$41,220.30**
BOARDS OF EXAMINERS					
Canadian Board (CBEPS)		$0.00	$0.00	$0.00	$0.00
Exams		$0.00	$0.00	$150.00	-$450.00
NS Board of Examiners		$500.00	$231.32	$0.00	$250.00
TOTAL BOARDS OF EXAMINERS		**$500.00**	**$231.32**	**$150.00**	**-$200.00**
OFFICE ACCOMMODATIONS					
Insurance - Business Owners		$2,500.00	$2,388.00	$2,000.00	$2,217.00
PSC Directors' & Officers Insurance Policy		$2,000.00	$1,838.90	$1,650.00	$1,600.00
Insurance Sub-Total					
Office Lease (Rent @ 800 Windmill)		**$28,833.36**	$19,952.36	$27,643.86	$24,872.04
TOTAL OFFICE ACCOMMODATION		**$33,333.36**	**$24,179.26**	**$31,293.86**	**$28,689.04**
MISCELLANEOUS					
Courier		$400.00	$0.00	$700.00	$100.00
Donation - Memorials		$300.00	$0.00	$300.00	$300.00
GANS	(see note 8)	**$75.00**	$75.00	$75.00	$75.00
Interest & Bank Charges		$1,850.00	$1,090.58	$1,850.00	$1,250.00
Other		$0.00	$0.00	$0.00	$0.00
Penalties & Interest		$100.00	$0.00	$100.00	$100.00
Miscellaneous Expenses		$250.00	$0.00	$250.00	$250.00
Corrections		$0.00	$0.00	$0.00	$0.00
TOTAL MISCELLANEOUS EXPENSES		**$2,975.00**	**$1,165.58**	**$3,275.00**	**$2,075.00**
TOTAL EXPENSES		**$483,617.37**	**$276,528.81**	**$470,422.55**	**$431,549.26**
SURPLUS/(DEFICIT)		**$3,682.63**	**$99,941.05**	**$5,702.45**	**-$699.26**

NOTES:

1 If a member is found guilty by the Discipline Committee, costs are as per sections 49 of the Regulations of September 10, 2013.

2 In addition to the budgeted convention revenue, $50 of each member's dues is attributed toward the payment of convention expenses.

3 This is for four awards: Survey Technician (STN) & Geomatics Engineering Technologist (GET) students at COGS via NSCC Foundation.

4 Equipment & maintenance contract for photocopier.

5 Executive expenses are for travel, meals, accommodations, etc. incurred by the President, Vice-President and Past President within the province of Nova Scotia to attend zone meetings, executive meetings etc; or for travel out-of-province with council's approval.

6 President's travel is for out-of-province travel of the President or their designate to attend meetings of other associations.

7 The budget for the PSC levy is based on $250.00 (or yearly value from PSC) per active and practicing life member in 2022.

8 GANS dues for Executive Director.

9 Fee paid based on number of active members and candidate members to CBEPS.

10 The Assoc. currently match RRSP up to $1500 per employee annually. No existing life insurance for ANSLS staff.