

THE NOVA SCOTIAN SURVEYOR

Spring 2019

No. 205



UPPER BLANDFORD, NS
NOVA SCOTIA COORDINATE MONUMENT NO. 215801



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THE NOVA SCOTIAN SURVEYOR

Editor: Fred C. Hutchinson

Production: Cathy McInnis, Kim Fraser and Cansel

Cover: Berrigan Surveys: Monument established in 1975 and still in place in 1997. Station report indicated "disturbed" monument and was checked against original survey because it is a coastal control point.

Circulation: Free of charge to ANSLs members and is also available on our website at: www.ansls.ca.

The Nova Scotian Surveyor is a publication of The Association of Nova Scotia Surveyors.

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PRESIDENT'S REPORT

Nathan Clark, NSLS, P.Eng.



As noted by many past presidents, the time certainly seems to fly by after the AGM. I'd like to start by recognizing the staff and volunteers who support the Association. I have come to realize the enormous amount of work being completed behind the scenes to make our Association run smoothly. The many hours members provide to complete the work of committees. There is always a demand and duty for dedicated people (new to the Association or long in the tooth) willing to step forward to see the work of the Association advance. Working on committees or council is a great way to learn about your Association and the profession, networking with other surveyors and earn some professional development credits in the process.

The travel to our sister Associations and participating in the Presidents' Forum (an informal meeting of all presidents attending an AGM) has been a real education about where we are as a profession and the future of surveying nationally and internationally.

New Brunswick AGM 2019-01-24. ANBLS is waiting for the right time for the minority government to introduce their new Act. Their Director of Surveys has been building bridges to

various government and public groups. Something that sounds all too familiar and one of the greatest sources of public complaints is a lack of communication with neighbors when a surveyor is hired.

Ontario AGM 2019-02-27. The AOLS has passed a motion to provide greater transparency to the public. They will now publish notices of upcoming discipline hearings and outcomes. They have joined the Canadian Board of Examiners for Professional Surveyors (CBEPS). They are concerned about an aging demographic profile but that too is a common concern across the country.

British Columbia AGM 2019-03-22. A hot topic in seminars and meetings was the move by the province to enact legislation to regulate several professions in the resource sector. Although not named in any of the new legislation, British Columbia Land Surveyors are wary of their Government expanding the scope of the legislation. The ABCLS is moving to adopt best practice standards to avoid being brought under the same legislation as engineers and others.

Alberta AGM 2019-04-25. Alberta Land Surveyors have noticed a decrease of number of Real Property Reports by large builders. It's believed that defects shown on reports will make the project ineligible for title insurance. Members voted to increase dues from \$1000 to \$2000 to cover the lost income from survey post sales. The Association, with the support of the Government, acted as a supplier and received a commission on sales to members.

My year is not yet over, and Samantha and I are looking forward to hosting our annual meeting this October 17-19, 2019 at the Holliday Inn in Truro. I trust that everyone will have a great summer whenever it decides to arrive.



VICE - PRESIDENT'S REPORT*Kevin Lombard NSLS, P.Eng.*

It was with great pleasure that I attended the Association of Newfoundland Land Surveyors AGM this past April 11th to 13th in St. John's, Newfoundland, on behalf of our President, Nathan Clark. Representatives from British Columbia, Alberta, Saskatchewan, Manitoba, Ontario and New Brunswick were also in attendance.

During the open sessions, and in private chats, it became apparent that although we practice in different

regions of our great country, we share many common issues. Continuing education, discipline, public accountability, foreign credentials and governance seemed to top the list. With respect to the forgoing, the Association of Nova Scotia Land Surveyors appear to be in good standing in dealing with these issues and I also feel that we are in the forefront in dealing with public accountability and governance.

The business meeting had spirited debates on issues with the most significant being mandatory plan registration. The seminars were very informative and gave insight into how the Association, Government and private industry work together. It was most interesting to note that the AGM was sponsored by several of the surveying companies in private practice. Very gratifying to see this spirit of support for the Association by many who benefit from it.

In closing, I wish to thank those involved in the AGM and most especially to Neil Parrott (Past President), Audrey Burt (President) and their respective families for showing me the hospitality Newfoundlanders and Labradorians are well known for.

This article is in our February 1955 Issue, Volume 2, Number 2, Page 1

I AM PROUD TO BE A LAND SURVEYOR

(A MESSAGE FROM YOUR PRESIDENT)

Yes, I am proud to be a land surveyor, and I will try to tell you why. Look at it this way. The material foundation of civilization as we know it today, is property ownership. National, provincial, municipal and individual property boundaries must be respected, or all would be chaos. Barring the nomadic tribes of the earth's hinterlands, and Soviet Russia (with apologies to the nomadic tribes) the system of property ownership prevails all over the world. This system could not exist without the land surveyor, to establish and define them.

The record of the profession of land surveying is a proud and ancient one. Records of land measurements made centuries ago show some of them compare favorably with measurements made in modern times. When the crude instruments of early days are compared with the precise ones of today, this seems almost like regulating a wrist watch with a hoe. Nevertheless it has been done, and the secret is a simple one. Just painstaking care. Every land surveyor learns this in time, and some of us require more time than others. We should realize that every line we run has the same value. It is a property line. Just as sure as a boundary line is established, some one, at some future time will check it. Whatever the required standards are for any survey, we should never go below those standards, even in the smallest detail. What if it is getting late, or looks like rain? We should always fill in that last detail. An extra few minutes now may save someone many hundreds of dollars later on, perhaps many years later on.

Much of my active life as a land surveyor has been spent in retracement work, ferretting out lines surveyed when this country was just commencing to be settled, and lines surveyed somewhat later

when increasing timber values created a demand for the survey of wood lots. The gambler gets his greatest thrill when he picks up his cards and sees four aces, or a royal flush. The speed maniac gets his after that needle quivers well beyond the century mark. I got mine by reaching down in some bog hole and pulling out the water preserved point of a corner stake, placed there perhaps a century ago by one of our early land surveyors: or by pulling the moss, like a green blanket, off a carefully built mound of stones that may have been the object of many a search; or by counting the growth rings to a centre line blaze and finding they check to the year with the survey return held in my hand. Yes, I am proud to be a land surveyor.

Last week I was in Fredericton at the kind invitation of the land surveyors of New Brunswick. They are forming an association, or rather have formed one, as it is now two years old. I sat in at their meeting and never, I think, have I been more proud to be a land surveyor than at that meeting. I sat and listened while sharp differences of opinion were keenly argued, and then moulded into agreement. They were there for business, and their association will succeed.

We also have an association, now going into its fifth year. During that time we have made great strides forward. We still have a long way to go, but it is now clear that the land surveyor in the Maritimes is at last coming into his own.

This year you have done me the honor of making me your president. Our past presidents have set a fast pace for me to follow, but I will do my best. Yes, I am proud to be a land surveyor.

J. R. March, President

EXECUTIVE DIRECTOR'S REPORT

F. C. Hutchinson, BA, NSLS, CLS



I have now reached the 20-year mark as Executive Director of the Association and 48 years as a Nova Scotia Land Surveyor. Where has the time gone and how did I get here? Well, without boring readers of this article too much, I will attempt to highlight some milestones.

I was involved in the scouting movement from the age of 8 until my mid-twenties. I was introduced to surveying at a local scout camp by assisting a surveyor to re-run some boundary lines. The goal was to arrive at a certain point on the lake shore. When a wooden post came into sight, surrounded by a mound of stones, that seemed to be pretty cool. Maybe not as impressive by today's standards, but it was for that 15-year old. After high school, I enrolled in the Cartography program at the Nova Scotia Land Survey Institute (now COGS) in 1966 and the survey program in 1967.


After working in Labrador, Ontario and Nova Scotia, I obtained my commission in 1971 under the supervision of John McElmon, NSLS #209. Employment then took me to the public sector with the then City of Dartmouth for the following 6 years until I started my own practice in 1976. I also served as Secretary-Treasurer of the Association for 1975 and 1976 when it was an elected position.

A bunch of committees along the way, a CLS commission in 1981, a stint as your President in 1984, and then in 1998 – I accepted the position of Survey Review Manager. The following year saw Bob Daniels, NSLS #396, leave the Executive Director's position and return to private practice. So why not apply?

The year is now 2019 and a career change is again in order. My new position will include a rocking chair on my front deck, general yard maintenance, trips to the Farmer's market in Truro on Saturday mornings including breakfast with the love of my life, Jane, whom I met while in Lawrencetown. We were married in 1969 and are now great grandparents, so life is not dull, and chores are never ending.

The survey profession has provided me with a livelihood, great memories, a chance to travel to every province in Canada and make acquaintances that still yield Christmas cards. Did I ever imagine articling candidate members, working with new candidates as Secretary, being the editor of the Nova Scotian Surveyor for 48 publications or being the Executive Director when I finished high school? The answer is, "not even in my dreams".

We will need to find a new Executive Director by the end of this year, and it will be Council's responsibility to fill the position. It is an administrative position, but also one that requires a lot of knowledge about surveying and the profession. A great career change for any land surveyor who is looking for a new challenge.

Thanks to all the members, both past and present, for their support and cooperation over the years. I can't think of a more rewarding position to round out my career as a Nova Scotia Land Surveyor. 

SURVEY REVIEW MANAGER'S REPORT

Paul J. Harvey, NSLS



2019 is now upon us and once again, I am starting my routine of field inspections. I hope that Mother Nature decides to change winter into something a bit more bearable. Winter jackets in May is a bit much!

As I travel about, some things come to mind and I would like you to “ponder some of them”:

Surveyors are not spending time in the field to train the “survey techs”. Survey Techs are sent to the field locating “stuff” long before they have a full understanding of what “stuff” they should be looking for. Technicians are often sent to the field to locate existing evidence, when in fact, they’ve had little training in what existing evidence might look like. They are very capable in “getting lock” and pushing buttons, but do they really know how to “survey”? Have we given them the training they need? When they are placing a boundary on the ground, did we show them how to blaze, post corners, cut lines and clear them so landowners can walk the boundary?

Surveyors are leaning towards re-establishing boundaries from a math-based solution(only). Boundaries are evidence-based and the rules of evidence must be followed! The location of the original placement of a boundary is the correct solution for its location today! Please don’t ignore old fences – they may not work with your math solution but they are likely the boundary.

I witness many surveys and surveyors that are a “one

man operation”. The surveyor is taking on all the roles, survey tech, line cutter, brush cleaner, helper and surveyor. This I find disturbing for a number of reasons:

1. The surveyor is often carrying out duties that should be a two-person activity, for safety if nothing else! Accidents on sites happen and carrying for oneself is not an easy task! I’m unsure of the implications insofar as OHS Act and Workers Compensation is concerned. but!!! (To my horror many surveyors don’t carry workers compensation or any other medical plan!)
2. While I appreciate that doing it all sees the surveyor physically on-site, I question if he is spending the time “feeling out the area”; often much information is gathered by asking questions of neighbours and nearby land-owners, they are normally very willing to giving information as crew carry out the survey work.

Surveyors often establish, or in fact, re-establish boundaries without ever seeing the site! Are we that sure of the abilities of a field technician in finding the old evidence? Many of these technicians are very capable using the technology of the day but are they really capable of making decisions regarding boundary evidence?

A surveyor is tasked with the establishment of the property boundary. The boundary is to be established on the ground and survey markers are to be placed at the deflections in that boundary to aid in its definition. **Placing the corners is not the only task. The boundary in its entirety is our mandate!** Cutting out, blazing and making a property boundary location obvious to owners and adjoining is the duty of surveyors. In the survey of a boundary, all existing evidence is to be considered and will aid in the determination of the location of that boundary. It is not an opinion as to a boundary location, it is the boundary location according to the surveyor signing the plan!

Plans of survey need to be clear, unambiguous and complete in its intent. When a reader looks at a plan of survey, subdivision, consolidation or retracement, the intent of the plan should be obvious. The portions surveyed need to be clear, the expectations for lot configurations should be obvious and the title block should be unambiguous. Notes on the plan are also helpful to explain to the reader what is happening. Line weights, lettering sizes all aid us in clarifying our intent. The surveyor is the author of the plan of survey, others can't confuse the work. It is paramount that future readers of the plan be absolutely clear as to the intent of the plan and the work done to prepare it.

As I walk properties on field inspections, I make every effort to talk to landowners. It surprises me when many say that a surveyor has not taken the time to explain the survey and that they have not been shown the boundary.

As I close, I would like to give to you an example of training I received as a "young know it all surveyor", from my father regarding "surveyors and their duties":

Newly licensed and full of knowledge, I was sent to do a survey in a remote area of Cape Breton. I was given some information in the office regarding the properties in the area. Upon arrival at the site, I was handed a deed by the proud landowner to a parcel of land that his grandfather had given to him. A deed, duly executed for a 5 acre parcel of land. The place of beginning was described as "beginning at the point where you and I stood yesterday". Yesterday happened to be nearly 50 years prior and both the grantor and grantee had long since gone to the great beyond. I was at a loss and returned to the office after a cruise of the site and a visit to the registry, which gave me no indication of the

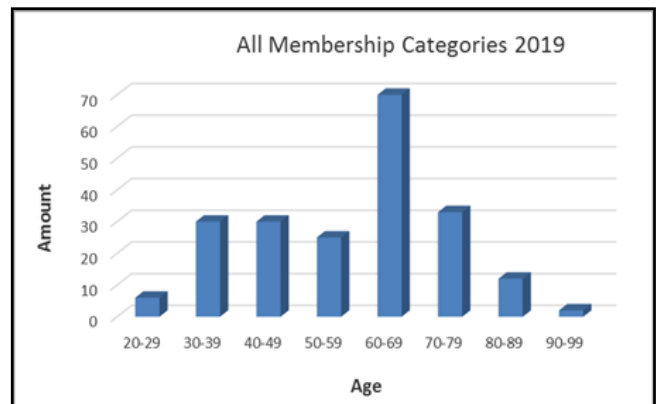
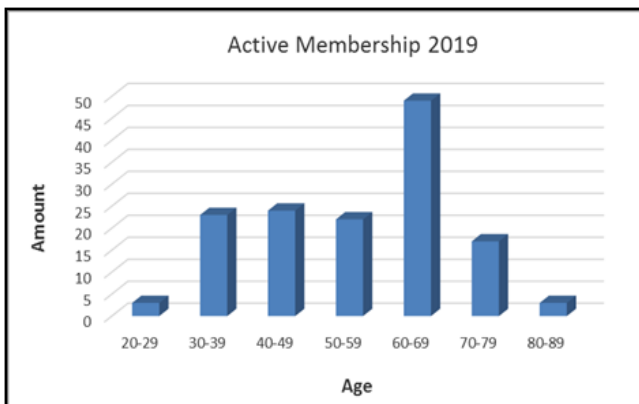
boundary location. Upon return, I got "old hell" from my father. He explained to me that my job, as a surveyor, was to re-establish the boundary of the parcel of land, and if I couldn't do that maybe I should find another profession (today he would have suggested a Wal-Mart greeter).

I went back to the site, contacted neighbours, cruised the site with a fine-tooth comb looking for evidence of occupation on the lot. After some time, an old fence was found, signs of old fields were evident, a ditch draining the site was located and neighbours indicated areas they remembered as being the old dwelling lot. Enough evidence was gathered enabling me to re-establish the boundary, pins were placed, a plan was drawn and my duty was completed. The lot now has a beautiful home in what is now a built-up area. Landowners live in harmony with neighbours who respect their boundaries. All because proper research was carried out on a site to establish a boundary that on the face of the deed was ambiguous. The moral of the story, dig deep, do your job and retrace the boundary – that is what we are commissioned to do! Each parcel of land has one boundary and it's our job to retrace it. I left the site leaving no ambiguity as to the boundary location. I was willing to defend my decision to the world, for I did my job.

My "rant", to many of you, is perhaps like a bad penny – it just keeps turning up. I do understand that everyone is carrying on as a professional. All I ask is that you consider some of my observations. If you have issues, contact me and we can discuss.

I wish all a great season, and please, sweep away the ticks! Hope to see you soon. 🕯

2019 MEMBERSHIP COMPARISON CHARTS (June 11th 2019)



ON HEALTH AND WELLNESS

W. Bruce Clark, ALS

The recent Association of Nova Scotia Land Surveyors Annual General meeting was held at the Keltic Lodge in the beautiful Cape Breton Highlands National Park. An incredible heritage property perched on a rocky outcrop, the Lodge is surrounded on three sides by the Atlantic Ocean. The location is home to one of the most scenic and awe-inspiring golf courses in Canada, the Stanley Thompson-designed Cape Breton Highlands. Of course, those who have had the misfortune of being partnered with me, know just how much of a waste “one of the most influential golf course designs in the world” is on your current ALSA president!

The continuing education portion of the meetings was inspired: from presentations on survey control monument preservation (“I’m a monument, please adopt me”!!!!) to Mi’kmaq Heritage awareness. What really caught my attention however was Carol-Anne Hutchinson’s timely discussion on understanding mental health.

The World Health Organization defines good mental health as a state of well-being in which every individual realizes his or her own potential, can cope with the normal stresses of life, can work productively, and is able to contribute to his or her community and family. Conversely, poor mental health occurs when coping mechanisms break down and the individual experiences severe emotional pain.

According to a recent conference of the Canadian Mental Health Association, each week some 500,000 Canadians will not go to work due to mental illness. The promotion of psychological health in the workplace is not only the morally right thing to do, it is also necessary for productivity.

In Cape Breton, the link between genetics and environment relating to mental illness was described; most mental illness is genetic, the result of inherited genes affecting your own individual brain chemistry. Outlining how individual hardship, trauma, family violence and stigma have been linked to an increased risk of suicide, substance use and mental illness. Carol-Anne detailed the particular stresses that come from running a professional practice: finding and managing staff, cash flow and the financial stability of the business being key sources of stress. And more importantly, many professionals, especially business owners, put business demands ahead of their personal health and wellness.

Coincidentally, ATB Financial “Business Beat” for October 2018 focused on how happiness and mental well-being translate into running a successful business in Alberta. Acknowledging the impact that the slow economy, pipeline politics, trade uncertainties and changing regulations made on small and mid-sized businesses over the past three years, ATB’s report sought to examine business owner’s current state of mind.

Conducting telephone research with 300 small and mid-sized business decision makers, ATB found that almost 80% of the business owners defined their business as the core of their identity. I’m sure most land surveyors, especially business owners and senior management, would say the same. The most alarming statistic is that over 70% of the respondents typically put the needs of their company ahead of their personal needs, confirming the message from Cape Breton. Moreover, because they also directly tie their happiness, sense of self-worth and mental health to their business’ success, it’s not surprising that if something goes wrong with the business, it may take a toll on their mental health. In an interesting note, while ATB acknowledged that 97% of current owners say they’re able to cope with the stress of running their business, the survey was not able to include owners of businesses that have gone under as a result of the recession and, in turn, who may be struggling mentally. It also did not address the problems associated with aging and retirement. A big concern for those whose happiness and sense of self-worth derives from their professional career.

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The world's population is aging rapidly and the land surveying profession is no different. The World Health Organization estimates that the proportion of the world's older adults will almost double before 2050. Older people face special physical and mental health challenges which need to be recognized.

According to WHO, over 20% of seniors suffer from a mental or neurological disorder with about 7% of all disability among people over sixty years, being attributed to mental and neurological disorders. The most common mental and neurological disorders in this age group are dementia and depression, with anxiety disorders and substance use being other common problems. Substance use among older people are often overlooked or misdiagnosed.

While there may be multiple risk factors for mental health problems at any point in life, older people experience additional stresses that are more common in later life, such as ongoing loss in capacities and a decline in functional ability. For example, older adults may experience reduced mobility, chronic pain, frailty or other health problems, for which they require some form of long-term care. In addition, older people are more likely to experience events such as bereavement, or a drop in socioeconomic status with retirement. All of these stresses can result in isolation, loneliness or psychological distress, for which they may require long-term care.

Although the ATB study focused on decision makers, it isn't only senior management and business owners who are affected. As developmental psychologist, Howard Gardner, clearly stated: *"The most valuable asset any organization can have is in the minds of the people who work there – and those minds return the most value when they are encouraged to grow in multiple directions and interact in unpredictable ways."*

Workplace systemic, interpersonal and environmental issues however, may be the source of employee mental health problems. What then is a workplace organization's responsibility to ensure the psychological health and safety of its workers? All forms of harassment and violence are defined as workplace hazards and recent changes to the Occupational Health and Safety Code require all employers to develop and implement prevention plans.

The National Standard for Psychological Health and Safety in the Workplace notes that certain human needs, such as, self-worth, social justice, physical and psychological safety, must be considered. The standard outlines thirteen workplace factors affecting psychological health and safety, ranging from organizational culture, clear leadership and expectations, civility and respect, to workload and work-life balance. When these factors are not addressed, workers are at risk of psychological distress.

It is encouraging to find that almost three-quarters of Alberta decision makers in the ATB survey, say they would feel comfortable showing vulnerability if their business were to struggle. Equally encouraging is that a vast majority say they would seek help and support to deal with that. Open conversation is needed to break stigmas surrounding mental health challenges. We can't escape the discussion, nor should we, as it is the only way to bring this important topic to the forefront.

Mental health is critically important, and thanks to people like Carol-Anne and ATB, we're starting to talk about it more openly and more thoughtfully than ever before in Canada. Whether it's finding ways to cope with running a business, dealing with the impact of a layoff, or dealing with aging, seeking support from family, friends – including fellow surveyors – and health professionals, is a must. Most illnesses are treatable with good results, so if you are experiencing mental health issues, do not postpone getting help. Let others know how you feel and let's work to remove the stigma that still surrounds mental health challenges in our society. ❏

W. Bruce Clark, ALS is President of the Alberta Land Surveyors Association.

This article was re-printed with permission from the ALS News, December 2018, Vol. 47-4, Pg 7-8.

Notes from the Side of the Road

**MEMBERSHIP STATUS**

Ritchie MacInnis, NSLS #537, resigned his commission in Oct 2018
 Robert Becker, NSLS #521, resigned his commission in January 2019
 Steven Rutledge, NSLS #561, resigned his commission in January 2019
 W. Bruce MacDonald, NSLS #564, resigned his commission in January 2019
 Brian MacIntyre, NSLS #594, moved to retired membership in January 2019
 Carl Hartlen, NSLS #544, moved to retired membership in June 2019
 Walter Jackson, NSLS #477, resigned his commission in June 2019

CANDIDATE STATUS

Dana Reid applied in November 2018, and is currently employed with Highland Geomatics & Engineering.
 Matthew Fillier applied in January 2019, and is currently employed with Trevors Surveying Ltd.
 Christopher Kingston applied in May 2019, and is currently employed with DeWolfe & Morse Surveying Ltd.
 Cody DeRoach applied in June 2019, and is currently employed with Brian A. Anderson & Assoc. Ltd.

NEW MEMBERS

Alice Cunningham, NSLS # 676, received her commission in October 2018 and is employed with PSPC.
 Dylan Mossman, NSLS # 677, received his commission in January 2019 and is employed with Able Engineering.
 Matthew Williams, NSLS # 678, received his commission in March 2019 and is employed with DesignPoint Eng.
 Bryan Conrad, NSLS # 679, received his commission in April 2019 and is employed with Thompson Conn Ltd.

COMPANIES

Custom Fabricators & Machinists Ltd. started a surveying business in February 2019.
 G. R. Myra Surveying Ltd., dissolved it's company name in January 2019
 Allan C. MacCullough Survey Services dissolved it's company name in January 2019
 GeoTerra Surveying started it's business in January 2019 and dissolved in April 2019.
 DeCoste Surveying Ltd. started a surveying company in June 2019

**ANNOUNCEMENT**

Please be advised that Council created a fourth annual COGS award at its recent May 3, 2019 meeting. This award is for the sum of \$500 and will be known as the **John S. Pope Award**. Category and program presently under consideration.

The other three annual awards are as follows:

George T. Bates Award, \$1000 value, for attaining the highest standing in the Survey Technician Program.
 J.A.H. Church Award, \$500 value, for showing the most progress in the Survey Technician Program.
 J.E.R. March Award, \$500 value, for the best kept field book in the Survey Technician Program.

The Association is always looking for detail information on any member for our issues of The Nova Scotian Surveyor. If anyone would like to add anything to our collection, please contact us by email: admin@ansls.ca, or mail to: 325-A Prince Albert Road, Dartmouth, NS B2Y 1N5

The Bible Tells Me So

by F.C. Hutchinson, BA, NSLS, CLS, QP

So, you think you know where your property boundaries are! Your deed most likely describes your property limits and should reference a “survey plan” that illustrates the graphics. However, is this what you see on the ground? Are there survey markers at all your property corners, and if so, do they coincide with the survey plan of your property? Another question that often arises is “are your neighbours in agreement with the existing corner markers”? Questions and more questions, but no definitive answers without consulting a professional land surveyor.

Property is a complex area of law that can deal with, who gets grandma’s china not mentioned in her will, a divorce settlement over the family dog, or the position of property boundaries. Since I no longer collect china or want another dog, I will try to deal with the topic of property boundaries. One reason that aids in the complexity of property boundaries is the fact that many are artificially made and the ravages of time take a toll on the landscape. Just think of new construction or a neighbour wanting to landscape and build a retaining wall. Then there are natural disasters such as tornadoes, hurricanes, wild fires and earthquakes. Plate tectonics can also be a factor over the long term and certainly not a topic for this discussion or one that I fully understand.

Ever since man crawled out of the communal cave, looking for a bit of privacy and a place to call his own, have we been concerned with property boundaries. They can be on a micro level between two or more residential owners, or on a macro level such as international or territorial boundaries. I’m sure that the first argument over a boundary likely came about when the second cave dweller decided that he wanted his own homestead and decided that he would set up camp next to his fellow cave dweller, and felt he was entitled to some of the same area previously claimed. This has continued throughout the ages and has been the principal reason for most wars and conflicts in our history.

Peaceful occupation of property only takes place when an orderly society exists with both sides of the fence accepting the rules that have been established. **Deuteronomy 19:14** *“You shall not move your neighbor's boundary mark, which the ancestors have set, in your inheritance which you will inherit in the land that the LORD your God gives you to possess.”* Certainly not a new concept, but one that still seems to be a problem at times; so why is that? There are many reasons why a boundary may be in dispute with some being reasonable and others not so reasonable, but just as passionate.

When describing a boundary, the most obvious identification of location would be a natural landmark such as a riverbank, ridgeline, rockface or shoreline. Evidence that will stand the test of time and is not in dispute. Another type of identification would be a marker described and set by a land surveyor, or a point historically occupied and accepted by adjacent owners. A rock wall or an old fence line are just two examples. However, it might be argued that these items were merely to impound livestock and not established as boundary lines. This is where the fun begins with the land surveyor conducting a forensic investigation, attempting to solve a “cold case file”. Yes, a CSI exercise, where the original witnesses no longer exist, a lack of documentary and survey evidence, and site contamination by various activities over possibly several generations.

What if the rock wall or fence do not quite fit the measurements mentioned in the property description? Was it the original intent and long-term acceptance that the wall or fence represented the boundary, and if so, do the measurements take a back seat? It is not always clear as to how measurements were taken, by whom, or their accuracy. ***Deuteronomy 19:14*** is generally accepted by the courts. *(cont'd on next pg)*

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Even with state, provincial and international boundaries, that have long been identified by specific latitude and longitude lines, and laid out to the best of the ability by surveyors of the day, the original monumentation on the ground takes priority over the description. Even the USA and Canadian 49th parallel boundary is not located exactly on the ground as described. We now have measurement capabilities that never existed when many property descriptions were created, so one must always try to appreciate the accuracy of "Farmer Brown's" pacing. What is not in the best interest of property owners, is to have more than one survey marker representing an existing property corner. The goal of any land surveyor in re-establishing a boundary, is to come to the same conclusion as one that would be arrived at by the courts after assessing all available evidence and considering the intent of the original conveyance.

Other reasons that can result in boundary uncertainties are hearsay evidence, mis-interpretation of documents, disregard for property rights, and sometimes criminal acts. It's rules of law that keep peace, and if existed, would have prevented the second cave dweller from trespassing on the lands claimed by the first. Life, however, is never simple and every property has a slightly different history, occupation and ownership, that can create uncertainties in boundary location. When this occurs, the owners sometimes are amicable and desirous of a resolve, but often times the dispute becomes personal. Meaningful communication ceases and the conflict escalates; not unlike warring nations with sabres rattling on both sides of the fence.

The land surveyor can offer a professional opinion as to the original boundary location after a review of all the evidence, but without agreement from both parties, a conflict may continue unless accepted or rejected by the courts. Ambiguity in descriptions and conflicting physical evidence are generally at the center of any disagreement. Mediation is never easy, especially if you are across the table from someone with an opposing view. Personalities play a big role with any meaningful discussion, but by playing the game, you get to have a say in the outcome as opposed to a court decision. Of course, litigation and court decisions are sometimes unavoidable.

Boundary disputes will likely continue well into the future, considering that they have existed for thousands of years. An educated society, however, with a respect for property rights along with professional guidance will go a long way to reduce neighbourhood conflict.



COGS AWARDS 2019

J.A.H. Church Award
Matthew Smith



J.E.R March Award
Kevin MacKay



George T. Bates Award
Thomas Kingston



OBITUARIES

PUGSLEY, DONALD CARLYLE, NSLS # 471 - Age 92, passed away peacefully on November 20, 2018, due to complications of a chronic illness. He was the eldest son of Carlyle and Thelma (Glennie) Pugsley, of River Hebert. Don attended Amherst High School, completed pre-engineering at St. Francis Xavier University and graduated from the Nova Scotia Technical College in 1950. He worked with the Nova Scotia Department of Transportation as Assistant Chief Engineer-Operations from 1947 until retiring in 1986. Don received his PLS in 1950 and NSLS in 1977. He later resigned his commission in 1986. He was actively involved for many years with St. Thomas Aquinas Canadian Martyrs Catholic Church and had strong ties to Port Hood, Cape Breton; where the family has maintained a cottage for over 50 years. Growing up on a farm led to his involvement with harness racing at Sackville Downs. He had a passion for golf and kept playing into his 80's. He was a dignified, kind, generous, and well respected man. Affectionately known as Grampie, he cherished time spent with his grandchildren. He is survived by his wife of 64 years, Mary Elaine (MacDonell) Pugsley; children, Dr. Donald Pugsley (Dr. Kathleen MacPherson), Truro; Sheila Pugsley (Mark O'Connor), Dartmouth; Moira Pugsley (Richard deBruyn), Dartmouth; grandchildren, Erin, Arianne, Lauren, Jaiden; sister, Anne (Pugsley) Kenway; and sister-in-law, Beth (Wolfe) Pugsley. He was predeceased by his twin brothers, Charles and Clarence; and his sister, Lillian (Pugsley) Ayer. Special thanks to Dr. David C. Wood; Dr. Ormille Hayne; Staff of Lewis Hall, Parkland at the Lakes; 4th floor Medical Day Unit, Victoria Building QEII Hospital. Donations can be made to the Canadian Blood Services.

SELLERS, GEORGE ROBERT, NSLS # 435 - Age 69, passed away November 29, 2018 in Pictou. Born in Pictou, he was the son of the late Johnson and Fern (Walker) Sellers. George graduated from Pictou Academy in 1967 and then attended NSLSI, receiving his Land Surveying Diploma in 1969. During that time, George worked as a Hydrographic surveyor in various locations in Eastern Canada. In 1973, he articulated with Kenneth W. Robb, NSLS # 225 and received his NSLS commission in 1975. Shortly after, he started his own business as Acadia Surveys Ltd. for the next 42 years. George was a long time member of the Board of Examiner's Committee and a member of CIS. George ceased his business in 2017 retired his membership due to health issues. George resigned in October 2018. George loved spending time with his family, tackling new projects, and travelling. He also enjoyed square dancing and swimming. He was a 3rd degree member of the Knights of Columbus, Father Gerald MacKenzie Council 8608. He is survived by his wife, Donna; sister: Janice (George "Ted" Turner), Toronto; six children: Joel (Jill Butler), Caribou River; Shannon (Rod Gillis), Halifax; Kirsten (Greg Kelford), Ottawa; Aaron (Lindsay Laltoo), Moncton; Liam, Monbetsu; and Zachary (Jessica Wypper), Halifax; grandchildren: Benjamin, Iain, Laura Sellers and their mother, Jane Miller; Hayley and Abby Muise; Olivia and Sadie Kelford; and Jessie Gillis. Donations in his memory may be made to Crohn's and Colitis Canada or Prostate Cancer Canada.

BOWMAN, GARNETT EUGENE, NSLS # 359 - age 72 of Garlands Crossing, Hants County, passed away January 8, 2019, at the Hants Community Hospital. Born in Windsor, NS, on April 2, 1946, was the son of the late Clarence and Rita (Redden) Bowman. Articled with H. Burton Robertson, NSLS #124 with the Dept of Lands and Forests in May 1968 until he received his Nova Scotia Land Surveyor commission June 1969. Garnett is survived by his brother, Bill (Sherral) Bowman of Garlands Crossing. Besides his parents, he was predeceased by his sister, Jeanne and brothers, Grant, Frederick, and Ervin Bowman.

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Special Thank you to Garnett's nephews, Sheldon, Blake, Matt and Justin Bowman and his Special Friends, Linda Foley and Vivian Wells, whom spent a lot of time with him in his final days. Thank You to Nurse Practitioner Brenda Hewitt, V.O.N., Continuing Home Care and to the Doctors and Nurses of Unit 200 Hants Community Hospital. Donations in memory of Garnett may be made to the Windsor Baptist Church, PO Box 243, Windsor, NS. B0N 2T0 or to the Canadian Cancer Society.

LORD, KENNETH MICHAEL, NSLS # 516 – Age 63, passed away peacefully at home, January 14, 2019, surrounded by his family. Born in Halifax, was the son of Veronica Ella (Feetham) Lord and the late Kenneth Newman Lord. Ken spent his childhood in Fairview and loved spending time with his family at their cottage on Grand Lake. He graduated from the Centre of Geographic Sciences at NSLSI in May 1977 and began working for F.C. Hutchinson Surveying from June 1, 1977 to July 31, 1978 and continued to work Hutchinson until 1985. Ken received his NSLS commission in 1980 and later joined co-founded Conn, Lord & Humphreys in 1985, which then merged with Thompson & Purcell Surveying Ltd. becoming Thompson Conn Ltd in 1990. Ken later became the senior field surveyor with TCL and spent most of his time as lead on outside project and supervising field staff. His expertise includes condominium and leasehold are measurements and high precision surveys. Ken was involved in twinning highways and MacDonald Bridge Control Survey, Halifax to Dartmouth; vertical survey check on bridge towers and cable bents. Measurement and plan preparation for Halifax Shopping Centre, Mumford Professional Centre, Chebucto Place and Annex; Dartmouth Crossing and over 50 industrial buildings in Burnside Industrial Park. Ken retired January 2018. Ken spent most of his youth volunteering for the Boy Scouts of Canada. He was a competitive cyclist; always enjoying long rides along Nova Scotia's beautiful coast and throughout Europe, with his wife Cheryl and a close group of long-time friends. He had a passion for carpentry, archery, hiking, and cross-country skiing. Ken had a true enthusiasm for life and will be remembered as a loving husband, father, grandfather, brother, and friend. His positive attitude, infectious laugh, and tremendous sense of humor will be missed by all. He is survived by wife, Cheryl; son, Anthony (Wendy Krkosek); daughter, Christina and grandchildren, Nell and Martin; mother, Veronica; siblings, Judy Moore (John), Janet Lord- Giraldi (Mario), Robert (Norma), Patrick (Allyson); as well as many nieces, nephews and a large close group of devoted friends. All are invited to a Celebration of his Life to be held in Saraguay House. Donations can be made to QEII Foundation Brain Tumor Research Fund.

REARDON, KENNETH VINCENT SR, NSLS # 278. – Age 91, passed away on January 26, 2019 in Halifax. Ken was the youngest son of Francis and Edith (Balcom) Reardon. A Civil engineering graduate of NS Technical College (now Daltech), was one of the early visionaries in the Atlantic Region's environmental sector. He established Eastern Engineering and Surveying and Kenneth V. Reardon & Associates Sales and Consulting in the 1960's, following several years of working manufacturing and construction engineering positions. In 1970, he established Atlantic Purification Systems Ltd. (APS), an environmental and industrial company. Ken was a member of numerous social and professional organizations such as the Charitable Irish Society, ANSLS, APENS, and a large number of sport entities. He was also a past president of the Halifax Curling Club. He was often recognized as the proverbial "life of the party" in professional associations and international sport competitions, where he was known

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OBITUARIES

for his friendly and welcoming personality. Ken also managed to achieve the highest of laurels as a local and world class athlete and was eventually inducted into the NS Sport Hall of Fame. In his younger years, if you didn't find him maintaining the fields at the Halifax Commons, he'd be running the grounds and canteen at the North West Arm Rowing Club. In his spare time, he played hockey with the infamous Saint Mary's Juniors, played hockey at Dalhousie and Saint Mary's University and the former NS Industrial Hockey League. Dad's passion was tennis, which he played regularly at the former Cathedral Club, the North West Arm Club, the South End Tennis Club and the Waegwoltic Club. At the age of 55, he won the Canadian national 55 and over championship and followed with several indoor and outdoor age-group titles and rankings over the next 30 years. During this period, he represented Canada annually on various national teams competing internationally at the Gordon Trophy, Austria Cup, Britannia Cup, Crawford Cup, Grant Cup and the International Tennis Federation world championships. During his retirement he would winter in Sarasota and he became one of the top ranked players in his age group on the USTA Super Seniors Grand Prix Circuit and was nationally ranked in the USA. Ken is survived by daughters, Debbie Lawrence (Dave), Judy Dauphinee (Alan), Kathy McDonah (Stephen), Linda (Reardon) Peverill, Carol Reardon, Paula Reardon; sons, Ken Reardon Jr. (Cindy) and Terry Reardon. He is also survived by 21 grandchildren, 33 great-grandchildren and many nieces and nephews. He was predeceased by his wife, Doris Joyce (Hollett); grandson, Peter Strong; and son-in-law, Larry Peverill. As he was the last survivor of 13 siblings, he was also predeceased by nine stepbrothers and stepsisters, brothers, Henry and Charlie and sister, Marion (McCann). The family wishes to extend a special thanks the staff at Parkland on the Gardens, private caregiver Glenda Hibbs, and family friend Alan Baker for their care and support over the last several years. In lieu of flowers, memorial donations can be made to the Neo-Natal Intensive Care Unit (NICU) through the IWK Office at 902-470-8085. Donations can also be made to the Centre for Health Care of the Elderly, QEII Health Sciences Centre, PATH Clinic on-line at: <https://qe2foundation.ca/memory> (Please make contributions to PATH fund T858). Condolences can be made at: <https://www.dignitymemorial.com/en-ca/obituaries/halifax-ns/kenneth-reardon-8143885>.

BOURBONNIERE, GERALD HARVEY, NSLS #581 – Age 74, passed away March 11, 2019 in Dartmouth General Hospital. Born in Calgary, Alberta, was the son of Harvey & Marion (Harris) Bourbonniere. Graduated from Southern Alberta Institute of Technology with a diploma in Land Surveying Technology in 1967. In 1963-64, worked on the Wallis Heights Housing Development in Dartmouth as rodman-instrument man. 1965, worked as a rodman with City of Dartmouth in the Engineering Dept. 1966, worked with the Federal Dept of Public Works in the Northwest Territories. Since graduation, he was employed with the City of Dartmouth under John C. MacInnis, NSLS #293, which resulted in receiving his commission in 1985. Gerry continued his employment with the City of Dartmouth until 1996. In 2001, he began working as Manager of the Survey Review Dept at the Association office until 2006 and returned in 2007 to later retire in 2009. Gerry was involved in many committees (Councillor in Zone 6 in 87-89), Survey Technician Liaison Committee (1987), ANSLs/Appraisal (1990), By-Laws (1990-1998), Manual of Good Practice (2001) and Continuing Education (2001-2008). Gerry had a major part in integrating the Mandatory Continuing Education program point system that was approved by Council in 2003. He was also a member of the Association of Certified Survey Technicians and Technologists of NS. Gerry was an avid golfer and a long time member of Brightwood Golf and Country Club. He is survived by his wife Pat; sons, Brian (Katherine); Mike (Vanessa); grand-

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GILLIS, DONALD TEED, NSLS #395 - age 74 of Middleton, passed away Tuesday, March 19, 2019 at Soldiers' Memorial Hospital, Middleton. Born in Saint John, NB, he was a son of the late Donald and Mary (Teed) Gillis. Don had some training under W. Gavin Milo, NSLS #329 in 1966 to 1967. and Robert J. Donovan, NSLS #232 in 1969 to 1970. He later received his NSLS commission in 1972. He worked in Churchill Falls, Nfld; Alberta, Nigeria, Halifax and Annapolis Valley. He enjoyed gardening, yard maintenance, and doing mind puzzles. Don was a member of Royal Canadian Legion Branch No 1 in Middleton where he once served as Sergeant at Arms. He will be sadly missed by his wife, Mackenzie (nee Gillis); brothers, Bruce (Debbie) Gillis, Paradise; Thom (Dorena) Gillis, Grand Etang, NS; Jim (Flora) Gillis, Midland, Texas; Tim Gillis, Middleton; Scott (Jose) Gillis, St. John's, Nfld; and Shaun Gillis, Quispamsis, NB. Besides his parents, Don was predeceased by his sisters, Melody and Heather. Donations in Donald's memory can be made to the Canadian Wildlife Federation: <http://www.cwf-fcf.org> or The Seeing Eye: www.seeingeye.org. Condolences can be made at: www.middletonfuneralhome.com.

POPE, JOHN SAMUEL, NSLS #140 – age 85 of Sydney, passed away Sunday, March 31, 2019 at The Cove Guest Home, Sydney, NS. Born in Louisbourg, NS, he was the only son of the late John (Jack) Pope, and Jane Helen (Lathigee) Pope. John was a Golden Gloves boxer in his youth. John graduated at the Nova Scotia Land Survey Institute while under the instruction of J.A.H. Church, PLS and received his PLS commission in 1954. After graduation, he co-founded Pope & Adams and later dissolved in 1957. He later started his own business John S. Pope and Associates Ltd in 1958 until 2012. Received his PEI license in 1958. Served as President of ANSLs in 1968. Served on the Discipline Committee from 1993 to 2007, and the Salary Review committee in 1984. Also served 4 times as Councillor for Cape Breton. Founding member of the Canadian Council of Land Surveyors in 1976, now Professional Surveyors Canada. Received a life membership in 1993 for the recognition of outstanding contributions to the association. Received his CLS commission in 1982 and served as Director in 1999. Also a former director of the Canadian Institute of Surveying; a member of the Royal Astronomical Society of Canada and the American Congress on Surveying and Mapping. Retired from surveying in 2013. Member of Nova Scotia Yachting Association; Past Commodore of the Royal Cape Breton Yacht Club; Past Director of Cape Breton Family YMCA; Past vice-chairman of Cape Breton Branch of Navy League of Canada; member and past-president of the Cape Breton Victorian Order of Nurses, and director of Sydney & Louisbourg Railway. John is survived by his wife of 49 years, Lynne (Atchison) Pope; son Christopher Pope, (Nicole), Sydney; his daughter Jennifer Pope (Timothy), Brookfield, MA; and six grandchildren. His sister, Doreen Bzdell (Wally) Nanaimo, B.C; nephew Wally Jr., Bzdell (Lisa) Scotia, NY; niece, Barbara Bzdell, Yelm, WA and nephew John Alphonse, Halifax, NS. John was predeceased by his sister, Molly Alphonse, Halifax, NS. Cremation has taken place under the direction of TW Curry Parkview Chapel, Sydney, NS. Online condolences can be made by visiting www.twcurry.com.

KING, GRAEME HENDERSON, NSLS # 262 – Age 81, of Dartmouth, passed peacefully with family by his side on July 21, 2019. Was the son of Henderson and Rebecca King. Graeme attended Mount Allison University and later graduated from NSLSI. Received his NSLS commission in 1959 and worked for Bedford Institute of Oceanography as a Hydrographer until he retired in 1990. Survived by his wife of 56 years, Elaine Marie; children, Daniel (Carolyn) and Deborah (Todd); grandchildren, Max and Evangeline; siblings, Fred (Barb) and Winnie. Predeceased by parents; brother, David. He loved nature, woods, the north, wildlife, reading, maps, ships, hunting and fishing. He was a member of the Masonic Lodge Wentworth 108 and the Philae Shriners. Family flowers only, donations may be made to the Philae Shriners or charity of choice. Online condolences can be made by visiting www.mattatallfuneralhome.com.

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Minutes of the 68th Annual General Meeting
The Association of Nova Scotia Land Surveyors
 Keltic Lodge, Cape Breton, NS
 October 17 – 20, 2018

Friday, October 17, 2018

Meeting called to order at 9:15 AM by President Cormier

Introduction of the Out of Town Guests:

British Columbia – Roger Galibois & Beatrice von Schulmann
 Alberta – W. Bruce Clark
 Saskatchewan – Akbarali Karsan & Guru Bhullar
 Manitoba – Kelly W. Mantik & Kriss Turcott
 Ontario – Dan & Shawna Dzaldov

New Brunswick – Jaret & Nada Guimond
 PEI – Tony & Anika Inman
 Newfoundland – Neil & Willa Parrott
 Canada Lands Surveyors – Dominique Fecteau
 Professional Surveyors Canada – Fred Hutchinson

Introduction of new members:

Nathan Hughes, NSLS #670
 Gregory Skelhorn, NSLS #671
 Lee Chaulk, NSLS #672

Matthew LeBlanc, NSLS #673
 Timothy Crowell, NSLS #674
 Luke Sarginson, NSLS# 675

Kevin Robb, chair of the Board of Examiners, to swear in the newest member Alice Cunningham, NSLS #676. She is the 7th female NSLS and the 4th to hold an existing active membership.

Introduction of 2018 Exhibitors:

Brant Positioning Technology
 Cansel
 Carlson Software

Leica Geosystems Ltd. - Canada
 Leica Geosystems Ltd. – USA

Opening ceremonies:

President Ken Cormier opened the meeting by stating: “This meeting will be governed by Roberts Rules of Order and common sense. Each member wishing to speak shall approach the microphone, state his or her name **or** be recognized by the chair. Speaking to a motion will be to 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 show of hands but the chair reserves the right to call for a secret ballot. Only regular and life members of the association are allowed to vote. In the case of a tie, the chair shall have the deciding vote.”

Appointment of parliamentarian: Phil Milo, NSLS #277

Introduction of Council Members:

President Cormier introduced the Council that served for 2017-2018 as follows:

Zone 1 – Peter Berrigan
 Zone 2 – Chris Parsons
 Zone 3 – Andy DeCoste
 Zone 4 – Joe Harvie

DNR Appointee – not yet appointed by minister
 Vice President – Nathan Clark
 Past President – Kevin Brown
 Public Representative – Doug MacInnis

Moment of Silence:

Everyone was asked to stand and join in a moment of silence for those who are no longer with us since our last AGM.

Stirling G. Snow, NSLS #177

Neiff Joseph, NSLS #257

Raymond A. Fulton, NSLS #390

Errol B. Hebb, NSLS #7

James D. Chisholm, NSLS #34

Edward S. Telfer, NSLS #169

Bruce A. MacQuarrie, NSLS #570

Lyman E. Huskins, NSLS #288

Shaun R. Stoddart, NSLS #534

Frank Longstaff, NSLS #279

Robert J. Flinn, NSLS #483

and any other former members we have lost, as well as those who have lost friends and family this year.

A) Approval of the 67th Annual General Meeting minutes:

The meeting was held at Fox Harb'r Resort, Wallace, October 12 – 14, 2017. Minutes are published in the 2018 Spring issue of the Nova Scotian Surveyor, pages 20 - 24.

Call for errors or omissions: none

Call for mover to approve the minutes: Phil Milo

Call for seconder: Nathan Clark

Motion carried

B) Business arising from the minutes of the 67th Annual Meeting: none

C) Report of Council meetings, highlights and President`s activities:

President Cormier started by identifying some of the issue's council dealt with during the past year:

Active Control Network, President's activities and travel, Boundary line uncertainties, Foreign Credentials, SRD and submitting PDF plans, Governance Committee and Doug MacInnis appointment as Public Representative.

D) Secretary's report on the convention attendance and membership roll.

Secretary Fred Hutchinson gave a report on the membership status.

- Number of members registered for the convention **96**.
- Number of members present for the meeting exceeded the required quorum of 35

	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
Dues \$	1500	1500	1500	1200	1200	1200	1200	1200	1100	1100	1100	800	800	800	800
Regular	145	146	145	149	151	154	155	152	155	161	165	172	173	177	187
Life	20	21	21	21	19	18	20	19	18	19	19	19	19	20	20
Retired	33	34	33	31	33	34	35	41	35	35	35	34	39	39	35
Candidate	20	26	27	28	24	21	20	25	24	21	24	24	23	24	24
Honorary	4	4	4	4	4	3	3	3	3	3	4	4	4	4	4
Associate	0	1	1	1	1	1	1	2	4	5	7	7	3	2	0
TOTAL	222	232	231	232	232	231	234	242	239	244	254	260	261	266	270

E) Financial Report:

The 2017 financial report is published in the fall issue of the NS Surveyor #204.

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

G) Introduction of New Executive and Council for 2018-2019:

President – Nathan Clark	Zone 3 – Andy DeCoste
Vice President – Kevin Lombard	Zone 4 – Eric Whyte
Past President – Ken Cormier	DNR Appointee – not appointed by minister
Zone 1 – Kyle Bower	Public Representative – Doug MacInnis
Zone 2 – Chris Parsons	

Service awards were handed out to the following members: Peter Berrigan, Joe Harvie & Kevin Brown. “Surveyor of the Year” for 2018 has been awarded to Carl Hartlen for his work on the Standards.

H) Elections: noneI) Report of Committees:

- Administration Review: Brian MacIntyre, chair: none
- Complaints Committee: Glenn Crews, chair
Six new complaints
- Continuing Education: Jody Isenor, chair
There was a seminar in the spring of 2018
- Hearing: Robert Rayworth, chair: none
- Governance Committee: Ray Pottier, chair
Committee has brought seven motions to present to the membership
- Legislative Review: David Whyte, chair
Existing and proposed Provincial Legislation is available online to any member for reviewing
- Life and Honorary: Dave Clarke, chair
Granted Dave Wedlock, NSLS #552 Life membership
MOVED BY: Dave Clarke SECONDED BY: Tom Giovannetti *Motion Carried*
- Professional Development: Buster Davidson, chair
Reminder to submit forms with break down of the points being submitted
- Nominating Committee: Kevin Brown, chair
Vice President is Kevin Lombard
- NS Board of Examiners: Kevin Robb, chair
Welcome to all new members the report is in the NS Surveyor #204
- CBEPS: John Conn, chair: none
- Public Awareness: Kyle Harrington, chair
Report in the Nova Scotian Surveyor
- SRD Advisory Committee: Norval Higgins, chair: none
- Strategic Planning Committee: Mike Allison, chair: none
- Act Enforcement Committee: Dan Gerard, chair: none
- Environmental Committee: Cyril Leblanc, chair
Waste Water Nova Scotia is offering an insurance benefits package for members
- Survey Review Department: Paul Harvey
Report is available via email

LUNCH 12:00

Presentation by Jim Gunn on self-assurance for errors and omissions.

J) Approval of Budget:

Approve the 2019 budget as printed in the fall issue of The Nova Scotian Surveyor

MOVED BY: Ray Pottier SECONDED BY: Tom Giovannetti *Motion Carried*

K) New Business:

MOTION #1

WHEREAS section 6.3 of the Standards of Practice of the Association of Nova Scotia Land Surveyors states “Plans prepared shall be registered in the appropriate registration district”

AND WHEREAS that section 6.3 does not specify how many days after the completion of the survey plan should be registered,

BE IT RESOLVED that section 6.3 be amended to read as follows;

6.3 Plans of survey shall be registered in the appropriate registration district within ninety days of the plan being signed.

MOVED BY: Ray Pottier **SECONDED BY:** Jody Isenor

Andy DeCoste: What about retracement survey?

Propose “except plans subject to regulatory approval” within 90 days of the plan being signed.

MOVED BY: Andy DeCoste **SECONDED BY:** Kevin Brown

Alan Gallant: What about easement plans that are not subject to regulatory approval?

Buster Davison: Agreed many don’t require approval, if the goal is to cover retracement; say retracement.

Andy DeCoste: Withdrawal amendment

Kevin Brown: Agreed to withdrawal the amendment

Andy DeCoste: “Plans of Retracement Survey”

MOVED BY: Andy DeCoste **SECONDED BY:** Tom Giovannetti

Alan Gallant: Should know if it’s a retracement survey.

John MacInnis: Retracement is better wording.

Jim McIntosh: Some surveys are subject to regulatory approval.

Art Backman: What about requesting for an exemption? Revisit and word it to fit everyone.

Glenn Myra: Defer consideration of this motion

Move to defer consideration of this motion indefinitely

MOVED BY: Glenn Myra **SECONDED BY:** Ed Hingley ***Motion Carried***

Phil Milo: Retracement is out of the amendment, back to the original motion

Ray Pottier: **withdrawal motion and revisit it**

Alan Gallant: A time limit on registering a plan causes problems

Ray Pottier: The motion was to address people who continuously don’t register their plans

MOTION #2

WHEREAS section 5.11 of the Standards of Practice of the Association of Nova Scotia Land Surveyors state “All boundary lines through wooded areas shall be brushed out, unless such action will have an adverse affect on the value or the aesthetics of the property under survey or the adjoining properties. A record of all boundary lines not brushed out shall be kept”

AND WHEREAS the intent of section 5.11 is to ensure that all boundary lines through wooded areas are brushed out except under exceptional circumstances,

BE IT RESOLVED section 5.11 be amended as follows;

5.11 All boundary lines through wooded areas shall be brushed out, unless such action will have an adverse affect on the value or the aesthetics of the property under survey, or the adjoining properties. Where boundary lines are not brushed out, monuments shall be placed at 30 metre intervals along the boundary lines, and a record of all boundary lines not brushed shall be kept.

MOVED BY: Ray Pottier **SECONDED BY:** Derik DeWolfe

Glenn Myra: amend motion to read neither brushed out or blazed

MOVED BY: Glenn Myra **SECONDED BY:** Jim Gunn ***Defeated***

Tom Giovannetti: Farmers don't want to cut trees, no common sense is being applied.

Alan Gallant: Against the whole motion. As a professional you should be able to make judgement. Putting a rule in place will not improve the situation. Not in favor

Ray Pottier: This motion was brought to the floor because it's not being done.

Glenn Myra: Defer consideration of this motion

Move to defer consideration of this motion indefinitely

MOVED BY: Glenn Myra **SECONDED BY:** Kirk Hicks

Cyril LeBlanc: Is there a problem, and if so, who deals with it when it's not being done?

David Attwood: When you bid on the same work but the job isn't being done, it's not doing the public any service by not doing it. If you don't want to place markers, cut the line. ***Defeated***

Alan Gallant: Does the plan state the line isn't cut? Reason for complaint if not.

Tom Giovannetti: Substandard work in the province.

Garnet Wentzell: There are two issues here. With electronics you can do the work without cutting the line. New boundary to be cut and blazed, but old surveys may not need to be cut.

Geoff Dick: Agrees there are two different topics. Blazes over 200m are enough for home owners. Mandate line well blazed. The current standards could be causing issues or confusion

Brian Wolfe: The long lines and short lines that GPS can show a home owner where the line is. Stipulations need to be in place.

Glenn Myra: amend motion from 30M to 100M

Move that 30m be replaced with 100m

MOVED BY: Glenn Myra **SECONDED BY:** Jim Gunn

Kevin Fogarty: Against amendment

Defeated

Alan Gallant: vote on original motion

Motion Defeated

MOTION #3

WHEREAS there are specific circumstances where brushing out a boundary line may not be necessary.

AND WHEREAS the intent of section 5.11 is to ensure that the boundary line evidence is left in the field which could assist in determining the location of the boundary line.

BE IT RESOLVED that section 5.11.1 be added and read as follows;

5.11.1 Notwithstanding the provisions of Section 5.11, boundary lines between lots being consolidated are not required to be brushed out.

MOVED BY: Ray Pottier **SECONDED BY:** Cyril LeBlanc

Ray Pottier: this motion is to address boundary lines between lots being consolidated.

Tom Giovannetti: Against motion because of word circumstances.

Ray Pottier: Will be dealing with other wording in the future.

Glenn Myra: In favor.

Motion Carried

MOTION #4

WHEREAS Section 6.7.1 of the Standards of Practice of the Association of Nova Scotia Land Surveyors states “When preparing a plan, the quality of the lettering shall be equivalent to the professional appearance and consistency given by mechanical lettering guides or digital fonts”

AND WHEREAS the intent of Section 6.7.1 is to require the use of mechanical lettering guides or digital fonts when preparing plans,

BE IT RESOLVED that Section 6.7.1 be amended to read as follows;

6.7.1 When preparing a plan, the lettering shall be done by mechanical lettering guides or digital fonts.

MOVED BY: Ray Pottier

SECONDED BY: Kevin Lombard

Ray Pottier: In favor and the intent to have mechanical lettering was requested by the membership.

Motion Carried

MOTION #5

WHEREAS Section 8.2.1 of the Standards of Practice of the Nova Scotia Land Surveyors states “A Surveyor’s Location Certificate with a diagram in plan form shall be prepared in plan form and fit conditions for making legible reproductions, shall have quality of lettering, shall be equivalent to the professional appearance and consistency given by mechanical lettering guides, or digital fonts and shall include”

AND WHEREAS the intent of Section 8.2.1 is to require the use of mechanical lettering guides or digital fonts when preparing Surveyors Location Certificates,

BE IT RESOLVED that Section 8.2.1 be amended to read as follows;

8.2.1 A Surveyor’s Location Certificate with a diagram in plan form, shall be prepared in plan form and fit for making legible reproductions, shall have lettering by mechanical lettering guides or digital fonts and shall include:

MOVED BY: Ray Pottier

SECONDED BY: Jody Isenor

Art Backman: Against the motion. It’s not a legal document.

Motion Carried

MOTION #6

WHEREAS section 6.7.2 of the Standards of Practice of the Association of Nova Scotia Land Surveyors state “Surveyed boundary directions and distances shall be displayed using font sizes that plot no less than 0.08” or 3mm. All other information shall be displayed using font styles and sizes that will allow for clarity of reproduction of scanned images”

AND WHEREAS the intent was to ensure fonts displaying distances and directions on surveyed boundaries be at least 2 mm in height,

AND WHEREAS 3mm is a typographical error,

BE IT RESOLVED section 6.7.2 be amended as follows;

6.7.2 Surveyed boundary directions and distances shall be displayed using font sizes that plot no less than 0.08" or 2mm. All other information shall be displayed using font sizes that will allow for clarity of reproduction of scanned images.

MOVED BY: Ray Pottier

SECONDED BY: Geoff Dick

Ray Pottier: Trying to fix a typo from 3mm to 2mm.

Alan Gallant: amend motion

All text on a survey plan should be no less than .08" or 2mm being Leroy 80 or larger

MOVED BY: Alan Gallant

SECONDED BY: Art Backman

Jim McIntosh: Against amendment. Subdivision plans won't work with that text.

Jody Isenor: Against amendment, there needs to be flexibility.

Defeated

Jody Isenor: In favor of original motion to fix typing error.

Motion Carried

MOTION #7

WHEREAS the fees Section 31(4)(a) of the Bylaws Relating to the Activities and Operation of the Association of Nova Scotia Land Surveyors states "the Executive Director shall not later than the 1st day of December in each year notify each member in writing:"

AND WHEREAS Council has suggested that the member notification date be changed to the 1st day of November,

BE IT RESOLVED that Section 31(4)(a) be amended and read as follows;

31(4)(a) the Executive Director shall no later than the 1st day of November in each year notify each member in writing.

MOVED BY: Ray Pottier

SECONDED BY: Brian Anderson

Motion Carried

ANNOUNCEMENT:

ACLS regional meeting will be in the Breton Room of the Arduaine Restaurant at 4:00

Seminar tomorrow at 8:30 AM in this building

Jaret Guimond – New Brunswick: Thank you for the hospitality from the out of town guests.

Motion to adjourn:

MOVED BY: Kirk Hicks

SECONDED BY: Cyril LeBlanc

Motion Carried

Meeting adjourned @ 4:18 PM



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