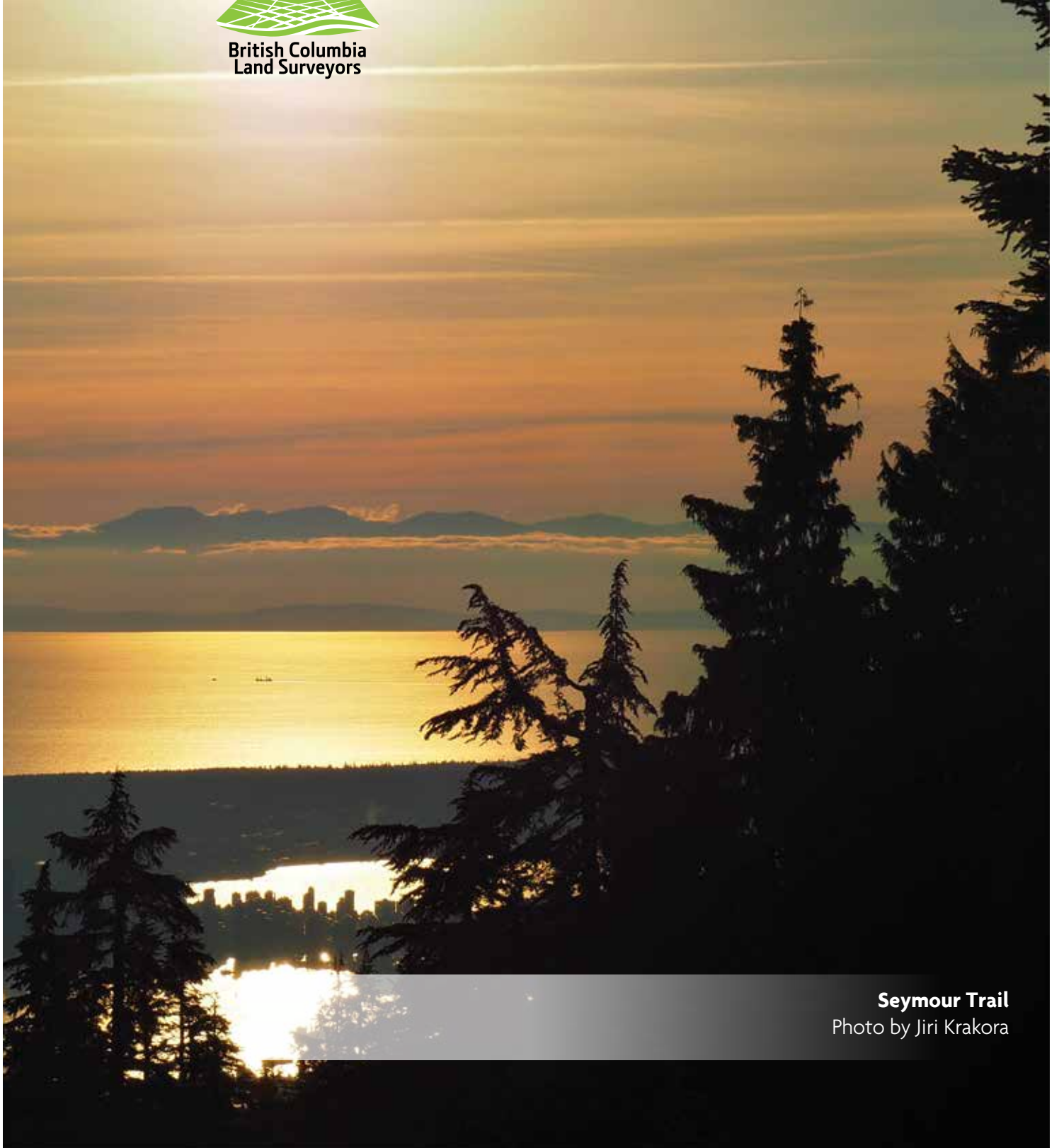


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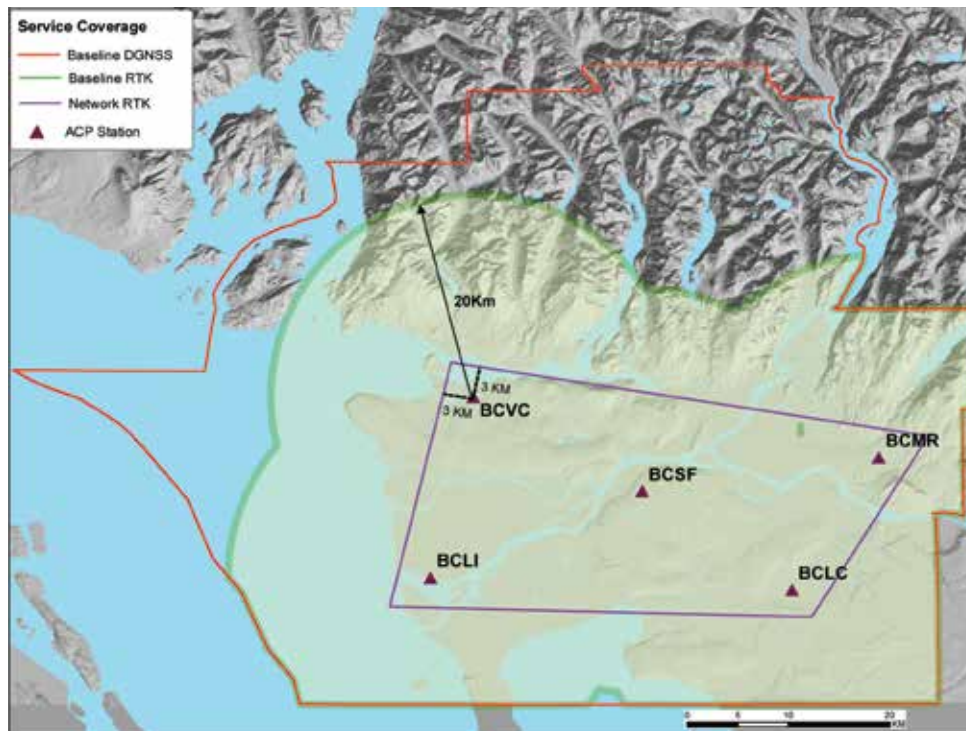
the Link MAGAZINE



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Message from the **President**

Changes and Challenges

By Roger Galibois, *BCLS*
President

Once again, I write this article after surviving a hectic and challenging schedule through September and October. We have attended three Association conferences and in addition I participated in the Travelling Board trip during the first week of October.

The Association “Presidents Tour” resumed in September when we attended the Association of Manitoba Land Surveyors Annual General Meeting in Winnipeg. The AGM was held from September 13 - 14. It was preceded on September 12 by a visiting delegates tour of some of the notable sites of Winnipeg. The highlight was a guided tour of the Manitoba Legislature. It was a fascinating tour that described many of the mysteries of the building including references to the superstitions and symbolism of the Freemasons. The most fantastic of the many theories advanced by scholars and historians is that the Arc of the Covenant resides somewhere in the building. It has yet to be found.

September 13 was the CPD program. The first seminar was a presentation on the application of Robert’s Rules of Order. The presenter was a member of the National Association of Parliamentarians. He outlined the basic procedures for holding a meeting according to Robert’s Rules Revised

in Brief – Vol 2. The second seminar was a discussion of the Association’s challenges getting members to put their name forward for the executive and more importantly assuming the position of President. In the months prior to the convention they faced the situation where the Vice President did not feel that he could take on the role due to the pressures of running a sole practice. The current President was not in a position to serve a second term. In the end Vice President Arno Stoffel agreed to take on the position of President for next year. This situation was the catalyst for a discussion as to how to convince members, particularly younger members, to serve on Council and the Executive. The discussion was useful, and some recommendations were made to ease the workload of the executive; however, I am not sure in the end that any real solutions were put forward to address the problem. Only time will tell. This was a timely topic given our recent Governance review and the concern of many of our members about our difficulty putting two candidates’ names forward for the position of Vice President.

The AGM was held on September 14. There were 21 bylaw amendments proposed. They were generally housekeeping amendments to correct inconsistencies in bylaw wording and to clarify some of the provisions in

the existing bylaws. The only non-housekeeping bylaw change was a proposal to exempt the President from paying annual dues. This motion was a direct result of the concerns surrounding executive succession planning as discussed above. This motion was defeated.

The state of the Geomatics program at Red River College gave rise to a great deal of discussion. It seems clear to the Members that the College is doing little to support the Profession, with a clear emphasis on technical Surveying as opposed to supporting a Cadastral stream. The college is apparently no longer pursuing CBEPS exemptions. The consensus at the end of the day seemed to be that the Association was better off supporting the other stronger programs in the country.

The Ordre des Arpenteurs-Géomètres du Québec Annual General Meeting was held the week following the Manitoba AGM from September 19 - 22 in Rimouski, on the south shore of the St Lawrence. The conference is social and CPD focused. It began with a day of visits to the Canadian Hydrographic Service Rimouski Station. The presentations, while all in French, were essentially similar to the presentations at the CLS CHS Conference in Victoria. The CHS fleet of unmanned hydrographic survey

launches were on display including a 26 ft hydrographic survey launch recently converted to autonomous operation. While regulations still require an operator on board, all survey operations can be controlled remotely or programmed into the vessels operating systems. Another interesting presentation was the CHS program to provide real time water depths in heavily navigated areas. This can relieve a pilot of some of the burden of combining chart information, water and tide heights and storm surge information to calculate water depth.

The visit to CHS Station Rimouski was followed by a presentation at CIDCO (Interdisciplinary Centre for the Development of Ocean Mapping). This is a Research and Training Centre funded by Industry, Government and Academia. One notable function of the organization is the provision of courses designed to meet the international standards of competence at Category B, of the International Hydrographic Organization (IHO).

The second day of the Conference was a Golf Tournament at Le Club de Golf du Bic. The course dates to the 1930's and was a pleasure to play on despite +6C degree weather. The CPD and AGM sessions were held on Friday. The seminars included a presentation of a Quebec initiative to study and compare Cadastral Systems worldwide including Cadastre 2014, Cadastre 2032, the Swiss Cadastre and the New Zealand Cadastre. It examined public and private land registries currently in use and compared them to the Quebec Registry System. The conclusion of the study was that the Quebec system is functioning well compared to the other programs and jurisdictions. The

study will be used as a benchmark for further research and monitoring.

Another seminar was a presentation by the University of Rimouski of their research into a more dynamic and consistent definition of natural boundaries. The goal of the research was to develop more rigorous science-based definitions of natural boundaries as opposed to the opinion-based judgements now used in most jurisdictions.

The AGM was less than two hours in duration and included a discussion of a mandatory retirement requirement after five inactive years. There was also discussion of the five-year article period and a discussion around showing elevations on RPR's of Condominium units.

A week after returning from Quebec, I joined the other members of the travelling Board on our annual trip to meet each of the Regional Groups. We received some good feedback with respect to the proposed bylaw changes. The Board will review the feedback and consider them as we draft the final bylaw motions for this year's AGM. Our Association is, as are all Associations across the country, facing increasing difficulty budgeting for all the services and programs demanded of a modern self-governing, regulatory body. We need to give very serious consideration to the proposals put forward and consider them in the light of the expectations of the Public, Government and our professional responsibilities.

Shortly after returning from the Board trip we were on our way to the Association of Nova Scotia Land Surveyors Annual meeting. The meeting was held at the Keltic

Highlands Lodge at Ingonish Beach, Cape Breton. This was a spectacular setting with the brilliant fall colours dropping from the Cape Breton Highlands to the North Atlantic. Another AGM and another golf tournament. This time we were at another very picturesque old course. Unfortunately, the weather on golf day was a rainy +4C degrees with a 90km/hr cross wind blowing in from the North Atlantic. I only managed to brave 8 holes before retreating to a warm fire in our cabin. That aside it was an extremely pleasant location.

The CPD portion of the event included a presentation from Jim Gunn on his proposal for a self-funded Professional Liability Insurance Program. This is not a proposal that has been solicited by any of our associations and is an idea that Jim is advancing on his own initiative. We can expect to see it advanced at meetings going forward, however I am not sure it is gaining much traction at this point.

Their AGM was not terribly contentious with discussion centering around issues such as the mandatory brushing and blazing of surveyed lines, survey plan lettering standards and time limits on the filing of plans.

You will have all learned from the November 8 Association Update that Surveyor General Mike Thomson has announced his retirement as of March 31 of 2019. The Board and the membership have enjoyed an excellent relationship with Mike over the last 11 years. He has always had the best interests of the profession at heart. He has been a sage advisor and strong advocate for both the profession and for the integrity of the cadastral fabric and he will continue to do so until his retirement.

Mike's retirement comes at a time of profound change at the LTSA. The LTSA has undergone reorganization, with the new structure being fully implemented at the beginning of the year. The ABCLS Board will be meeting with Connie Fair, CEO of the Land Title and Survey Authority at our December face to face meeting to discuss the scope of the changes and to get an understanding of the possible impact of those changes.

An issue of concern to the Profession is the introduction of Bill 49, the Professional Governance Act. I have repeatedly referred to The Report on Professional Reliance in Natural

Resource Decision Making. The recommendations on Governance advanced in that report have now made it to the floor of the Legislature in the form of Bill 49. The Bill has adopted the recommendations of the report virtually unchanged except that the scope of the bill is not just applicable to the five Professions that were the subject of the report. While the Bill before the legislature at the moment only names the five Associations, it is broad brush legislation that can include all self-governing Professions and Regulatory Bodies. It establishes a Superintendent of Professional Governance and gives the Superintendent the power to

establish, abolish or amalgamate any Professional Body. In addition, the act prescribes the makeup and power of Boards and prescribes and restricts the powers of individual members with respect to Professional Governance. Should this bill pass, we can expect to be included and considered in any deliberations going forward. I once again encourage all of you to take a serious interest in this legislation and take the time to review it.

On that note I will once again turn the scribe over to my wife Beatrice to report on our travels and to bring you all up to date on the preparations for the March AGM in Kelowna. ❖

Thank-you to Roger and the Association for allowing me to add some comments from a partner's perspective to this message. It is a privilege to have the opportunity to visit almost every province in this enormous country and as the partner of a delegate, it is so much fun! My intention is to share some of the more memorable partner experiences with you. After having the summer off, we were back travelling for the Association in the fall. We attended three conventions over a short period of time: Manitoba, Quebec and Nova Scotia.

We started in September in Winnipeg, Manitoba. I had never been to Winnipeg and was not sure what to expect, although it helped that it was not the middle of winter. I was pleasantly surprised. All the delegates attended a guided tour of the Legislature. The tour was given by a very knowledgeable, interesting and quirky tour guide. The partners had another tour of the old town

with this same guide. Some of the interesting factoids about Winnipeg that we heard were: James Bond 007 was inspired by a born and raised Winnipegger, Sir William Stephenson. Winnipeg was expected to be the Chicago of the North, but then the Panama Canal was completed and that ended that dream. Roger and I spent an extra day in Winnipeg and took the opportunity to visit a few more well known locations. The Canadian Museum for Human Rights is in a very interesting building and the displays, although disturbing, were very well presented and well worth

the visit. We also went to the famous "Forks District" and enjoyed a lovely lunch. Finally, we visited the iconic "Portage and Main" intersection.

From there we went directly to Quebec for the next convention. As we had extra time we stopped in Quebec City for a couple of days.

I was very impressed with Old Town Quebec, it reminded me of old Europe. We rented a car and drove along the south shore to the convention at Rimouski, a small town at the start of the Gaspé Peninsula. The highlights of the partners' programs for me were:



The Canadian Museum for Human Rights



Manitoba Legislature Building

- Visiting and hiking in the Parc National Du Bic where we found an amazing bay filled with seals frolicking on the rocks.
- The Metis Gardens, which were founded by Elsie Reford were wonderful, even this late in the season. The gardens were designed and tended by Elsie from 1926 to 1958 and contain over 3,000 species and varieties of native and exotic plants, mainly perennials. I particularly appreciated the natural state of the gardens, where plants are allowed to co-exist without being too manicured.

After a short stop at home we continued our tour to Nova Scotia, more specifically Cape Breton. The conference was at the Keltic Lodge at Ingonish, in the Cape Breton Highlands. We arrived just in time to see the spectacular fall foliage. The colours were stunning, so much red and orange! The scenery was also amazing and as we had rented a car, we were able to see the entire Cabot Trail. I was most impressed by the music at this convention. It started with three of the Barra

MacNeils performing at the Ice Breaker. Another band that came from Halifax to play at the Ball was also so much fun, and they did not stop playing until the lead singer lost his voice. On the last evening we were treated to a kitchen party, where a young couple played for us as we learned how to square dance. My favourite partner's event was archery at the Highland Bow & Arrow. I had never tried archery before and was pleasantly surprised how the right instructor made it easy.

The touring is now over for this year and we are back in Kelowna planning our Convention in March.

The partners programs have all been decided on and booked. For details, review the registration package going out to you in early January.

As you may know Roger and I are trying our best to make this convention "child friendly" and I was so pleased to hear of the positive reaction to this from those of you in the North. Thank-you so much for starting the ball rolling with donations to the Children's Programs at the convention. I also thank the Okanagan Mainline Group and the Vancouver Island Group for stepping up and supporting the program.



Highland Bow & Arrow Event

Until we know how many children will be attending and what ages we are unable to book events, but we have a list of tentative events ready to go. So, if you have children or know of a colleague who does, please register early! If you have any questions, concerns or suggestions please contact me, Beatrice von Schulmann at bvonsch@shaw.ca. Hope to see you all in Kelowna. ❖



Message from the
Chief Administrative Officer

Change in the Realm of Professional Governance

By Chad Rintoul
Chief Administrative Officer

Change in the realm of professional governance has been swift and significant over the course of this year. With great haste, the Government of British Columbia introduced Bill 49, the Professional Governance Act and Office of the Superintendent of Professional Governance. The pace at which this legislation was developed illustrates that professional regulation is a clear priority for this government.

The Professional Governance Act will make several changes to how professions are governed, increase government oversight and aims to ensure best practices for professional governance.

The Office of the Superintendent of Professional Governance will be established to ensure accountability, transparency and the highest levels of professionalism are achieved consistently across professions. Currently, the five regulated professions in scope for the legislation are each overseen by the following self-governing bodies (similar to the ABCLS structure):

- BC Institute of Agrologists;
- Applied Science Technologists & Technicians of BC;
- College of Applied Biology;

- Engineers and Geoscientists BC;
- and the Association of BC Forest Professionals.

The legislation, brings government oversight of all five regulators under the Office of the Superintendent of Professional Governance and set consistent governance standards across the professions, including:

- increasing public representation and instituting a merit-based nomination process for councils (boards) of professional regulators;
- council (board) be composed of seven elected members and four lay (public) members;
- implement term limits to serve on council (the board);
- setting common ethical principles;
- requiring competency and conflict of interest declarations from professionals;
- strengthening professionals' duty to report unethical conduct of other professionals;
- providing whistle blower protections to those who report;
- enabling the superintendent to determine whether two or more

regulatory bodies should be amalgamated; and

- enabling professional regulators to regulate firms – not just individual practitioners.

The professional regulators identified currently are the only five to which the proposed Professional Governance Act would apply. However, the act is expected to be broadened to include additional professions once the initial phase of implementation is complete.

Clearly, the ABCLS already complies in many of these areas, and more. However, there are initiatives within our current Strategic Plan, and recommendations from the recently completed Governance Task Force Report that will be out of keeping with the direction expected from government. The ABCLS Board and management will give careful thought to next steps with some of these initiatives, and determine how closely the Association should align itself to the new legislation.

To date, Kelly Stofer and I have met with four of the five associations included under this legislation to better understand the process and implications for professional regulators. This is essentially a new layer of regulation and oversight facing professional associations, and I expect the legislation will come into force in the very near future. As such, I would anticipate other professions will fall under consideration in the year ahead. Accordingly, the ABCLS will monitor these developments and ensure our regulatory framework continues to operate in the public interest and is aligned with the expectations of the public and government. ❖



Message from the **Surveyor General**

Land Title and Survey Authority of British Columbia (LTSA)

By Mike Thomson, *BCLS Surveyor General*

This article is based on Mike Thomson's speaking notes during the ABCLS Board Trip, October 1-5, 2018. Information has been updated to the end of September or, where possible, October.

Land Title and Survey Authority Update:

1. Introduction

It was my pleasure to be part of the annual traveling Board trip where I provided attendees with an update on activities of the Land Title and Survey Authority and in particular the Surveyor General Division.

There is lots of activity around the LTSA, lots of activity driven by the Province, in particular around the government's housing strategy, and some very important issues under consideration by the profession – but many items are works in progress.

I spoke to general activities as follows:

Early September saw the ABCLS Board make decisions on a disciplinary matter that resulted in a land surveyor losing his ability to practice. While I did not participate in the hearings or discussions - I have spent many an hour ruminating on the "big picture" of the event.

The member had been involved in disciplinary matters over the years, the matters, as "one offs", where discipline was meted out – but nothing ever seemed to change.

In the end it all came to a head – and no matter how you as a member may feel about the general process, the work of the Complaint Inquiry Committee, the secretary, the Board and the ABCLS legal Counsel all deserve your respect and a thank you for dealing with this matter. Kelly Stofer, as secretary, at the very top of that list.

But more than that, they all deserve your deference.

The work that the Complaint Inquiry Committee, the secretary, the Board – and the ABCLS legal Counsel, does on these files is tough, often mentally challenging work. The Practice Advisory Manager often has a role. I get concerned when I hear members – without the facts, and when lots of confidential matters are involved – question these decisions.

Please consider offering all your thanks, but most importantly show them all, and the process, appropriate deference.

The environment we are in these days requires the profession to be sure it is focusing on the "right things". I know you were sent a summary about the recent Professional Reliance Review Report completed by the province. Certain recommendations in the report strike me as things we need to be aware of, like:

- a recommendation that Government establish an independent Office of Professional Regulation and Oversight;
- a recommendation that government standardize, through legislation, 10 elements of professional governance, including the authority to regulate firms, and critically Council authority to pass certain bylaws, including for fees to be a member of the Association;
- new rules for the composition of councils and committees, potentially with the Office of Professional Regulation and Oversight taking on the role of vetting and appointing council and committee members, potentially eliminating elections. An adjunct to this recommendation is the potential for (more than) 50% of Board members to be "lay persons".



British Columbia Land Surveyors

*The Association of BC Land
Surveyors is sponsoring a
"Meet the Students Night at BCIT"
for all BC Land Surveyors.*

*BC Land Surveyors are asked to
come out, join the fun, have some
food and meet the students.*

*This is a great opportunity
to promote the profession of
land surveying as a career!*

*Tell them about the
Career Entry page on our website:
www.abcls.ca*

MEET THE STUDENTS

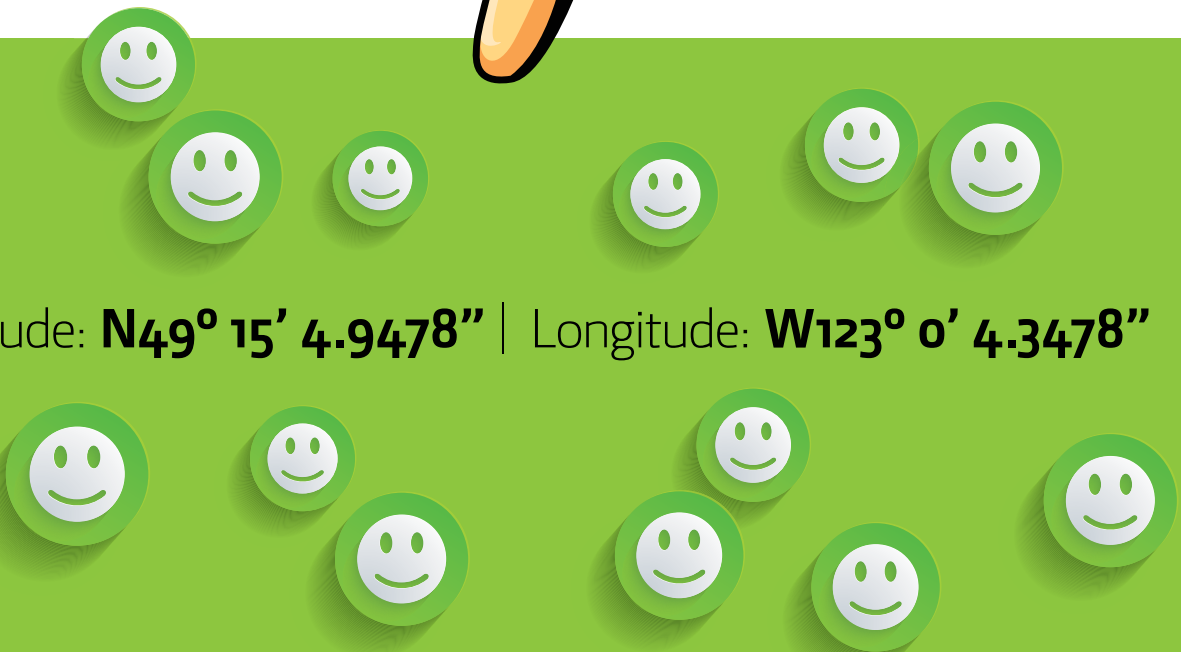
When:
**Friday,
January 25, 2019**
Doors Open at 5:30pm

Where:
BCIT
Burnaby Main Campus
3700 Willingdon Ave. -
Town Square A & B,
(SE 2 Building)

No Charge Menu:
Beef on a Bun
by Chartwell's
Catering
No host bar



Latitude: **N49° 15' 4.9478"** | Longitude: **W123° 0' 4.3478"**



Give the recommendations some thought – think about what that might look like for the profession. How would our profession change? Maybe the system we have now is working? What do you think?

You will remember our current project, Project ACE (Advanced Customer Enhancements), as suggested the focus is on the ‘user’ and in particular improved user experience and efficiencies for professional, business and government filers. This is the first large project in 10 years that the LTSA has really struggled to meet planned schedules. A year ago, I anticipated I would be talking to you about some up-coming changes, originally scheduled for mid-2018. The project has slipped due to the capacity challenges created by government priorities and supplier capacity. As such, it is now at the earliest FR19.2 in April 2019, and it is more likely FR19.3 in June 2019, before land surveyors see even small enhancements. The big impact, changes to “plan submissions” – a move to web based submission is scheduled for FR20.1 in February 2020.

Given we have a March, 2019 AGM in Kelowna there is lots of time to talk to you about how you will experience the changes. We will continue to work with the Land Surveyors Advisory Task Force (LSATF) and keep you and they informed.

The LTSA, as at the end of September, 2018 remains busy but we have seen a clear reduction in routine transaction activity; that is in general land title office filings, over the last three months: a reduction in August of about 13% year over year, and in September of 16%. October, to date, appears to be very similar to last year.

We have not seen the same level of reduction in plans. In July 2018, 906

plans were received in the land title office compared to 903 in July 2017. In August 2018, 947 plans were received in the land title office compared to 907 in August 2017. The increase year over year is therefore 4.4%. In September 2018, 860 total plans were received in the land title office, compared to 808 in September 2017.

For the first two quarters of fiscal 2018/19 5,301 total plans (2 mylar) were received in the land title office, 243 (4.8%) more than the 5,058 (2 mylar) in the same time frame last year.



We have not seen the same level of reduction in plans. In July 2018, 906 plans were received in the land title office compared to 903 in July 2017.

In the Surveyor General Division we have generally seen increased activity year over year. While business activity in fiscal 2017/18 was below historic averages, we seem to be returning to those historic averages, this fiscal year. This is particularly evident when you look at the number of survey plans over Crown land being submitted for confirmation.

To the end of September 2018, being the first 6 months of the 2018/19 fiscal year we have received 830 Crown land survey plans, a 448 plan (or 144%) increase from the 382 in the same six months of 2017/18. We issued 42 Crown grant documents through the same first six months of the fiscal year, up 3 from the same period last year. We also processed 210 statutory applications, 20 below the 230 from the first six months of fiscal 2017/18.

The Surveyor General Division has focused attention this past six months on improving and updating our external policies and requirements. This has included work related to Circular Letters, Directions to land surveyors and external checklists for SGD submissions. These changes have been communicated through the ABCLS updates.

In early September, some of you were invited, as part of a randomly selected group of myLTSA customers to respond to our bi-annual Customer Satisfaction survey. I want to thank all of you that did respond. I have no results – but am aware that 87 of 311 land surveyors invited to participate did so, a 28% response rate and the highest amongst any group. The total number of invited participants was 9,749 with 1,254 responses. As these numbers include land surveyors who responded, the rate of responses for all other groups was 12.4%. So land surveyors responded at a rate 2.3 times greater.

Survey results will be available after mid-November, well after this article will have been submitted.

At the LTSA we remain focused on our mission to deliver responsive and trusted expertise and reliable land title and survey systems which are essential to BC’s economic and social foundation.

2. Organizational changes

The New Westminster land title office has moved to a new location in the Anvil Centre in New Westminster. The office is located on the 5th floor of the new civic center / office building at the corner of 8th Street and Columbia Street, directly across the street from the 8th Street Skytrain Station. The valuable records stored in the land

title office vault in New Westminster are now housed in a climate controlled and specially designed vault, much better for the preservation of these records.

The address of the new office is:

*Land Title and Survey
Authority of British Columbia
New Westminster Land Title Office
Anvil Centre
Suite 500 – 11 Eighth Street
New Westminster, BC
V3M 3N7*

We note that Bert Hol and O'Brian Blackall continue as the ABCLS nominees on the LTSA Board of Directors. Bert's term expires March 31, 2019 and I know the ABCLS is working on nominees for the seat on the LTSA Board commencing April 1, 2019.

Chad Rintoul is the ABCLS representative to the LTSA Stakeholder Advisory Committee. Chad participated in a September 12, 2018 Stakeholder Advisory Committee meeting. Kelly Stofer represents the ABCLS on the Project ACE Advisory Committee which last met September 17, 2018.

3. ParcelMap BC

Over the last year the ParcelMap BC team has transitioned from a "build mentality" to a focus on maintenance, with the support of land surveyors providing Survey Plan Datasets for all plans registered in the land title office or confirmed by the Surveyor General for deposit in the Crown land registry.

I remind all of you that the ParcelMap BC product is far from perfect. We will continue to address any errors that you bring to our attention as soon as we can. Contact the team through

the ParcelMap BC support e-mail at: myLTSAtechsupport@ltsa.ca

The first major fabric adjustment, fabric improvement, occurred in July 2018 in the Lumby area. Since the Board trip we have completed a significant adjustment on Bowen Island, and in Lions Bay. We are working on the long-term adjustment / improvement plan.

Here is some detailed information I shared with the ABCLS Board on September 6, 2018:

- As of August 7, 2018 the ParcelMap BC operations team is reporting the current "plan event" turn-around time is 1.27 days.
- As of August 20, 2018 Overdue and Defected Datasets, had been reduced to 7 and 6 respectively. Excellent results. (This is something we should all celebrate; I congratulate you all for this accomplishment.)
- On September 19, 2018, the LTSA held a PMBC Adoption Working Group meeting with two members of the LSATF attending. The widespread adoption by, in particular, local governments, the Province, and major utilities, is a significant focus of the LTSA. We are working closely with the ICI Society (the Integrated Cadastral Initiative Society) and there is lots of work underway. Whistler and Kimberley were the first two municipalities to declare ParcelMap BC as their official cadastral base map. We expect more local governments to follow suit in the coming months.

We do note that the processing of a GNSS survey in Elkford has been completed. A Circular Letter was

prepared to be released in September, 2018 to announce the results and to declare the new coordinates the official coordinates. The shift was in the magnitude of 1.1 metres to 1.5 metres – so fairly significant.

However, as a result of learning that most of the monuments within the Elkford ISA Area are either destroyed or inaccessible, we are in the process of determining if we either expand the extent of the Elkford ISA Area to take in additional monuments that exist, or cancel the Elkford ISA Area. We are consulting with stakeholders including land surveyors and hope to have an announcement in November or soon thereafter.

There are two additional factors to consider. Prior to the completion of this quality GNSS survey the Elkford ISA monuments were considered to be Class D monuments and as such their coordinates were not published in the MASCOT system. The coordinates for all monuments in the ISA Area are ready to be loaded into MASCOT. We should note that we have created some significant work for the ParcelMap BC team in adjusting the Elkford portion of ParcelMap BC.

4. Survey and Plan Rules (Including Director's Requirements)

The long awaited completion of the Survey and Plan Rules and their implementation is getting nearer, and should be a reality by the time you read this.

On September 6, 2018, the ABCLS Board approved Version 1.1 of the Survey and Plan Rules. This should be the final draft and the ABCLS will soon seek an order from the Surveyor General to bring them into force.

I am prepared to do that, but am waiting clarity on the completion of tasks that are necessary to support the implementation.

The primary task is updating of the Electronic Checklist Registry. The checklist must be in sync with the rules and as such there is a lot of work to get that ready. The work must be done, tested and verified. The issue is that the ABCLS cannot run two checklist systems in parallel, so the cross-over is effectively a “big bang” type of event.

The other tasks are being undertaken by the Practice Advisory Department and include the creation of Interpretative Bulletins, updating the sample plans and their working checklists they make available to land surveyors.

I anticipate issuing the order soon, with a probable implementation date of November 15. This would mean a survey and plan completed, with a checklist date of November 14 or earlier would have to comply with the existing General Survey Instruction Rules and a survey and plan completed with a checklist date of November 15 must comply with the new Survey and Plan Rules.

The Director of Land Titles is amending the format of the “Electronic Land Title Plan and Plan Application Requirements” document (Director’s Requirements) with an aim to publish the document in coordination with the Survey and Plan Rules, or soon after.

The Director’s Requirements must be complied with for submission of plans and related documents to the Land Title Office. The amendments to the document align with corresponding changes to the Survey and Plan

Rules. Amongst other requirements, the document provides the linkage between plan notations and the corresponding signatures required on the Application to Deposit Plan in LTO Form.

5. CGVD28 to CGVD2013 Transition

As I announced on the Board trip the CGVD28 to CGVD2013 transition has been delayed once again. The “go live” date was scheduled to be August 31, 2018. Peter Haas had a series of Circular Letters ready to go, however at the last possible moment a serious problem, in the transformation, was found by GeoBC, and the release of the adjustment was put on hold.

There is a bias between the spirit-levelled network and derived orthometric elevations and GNSS-derived elevations. The difference is significant in parts of the province.

We will try and keep you informed, but the best guess I have at present is that it will be into the New Year before I have any concrete information about timing of proceeding with the CGVD28 to CGVD2013 transition. This delay also means that the major adjustment in Metro Vancouver, both horizontal and vertical, is further delayed, at this point, to an unknown date.

6. LTSA BUSINESS DEVELOPMENT LOTA (Land Ownership Transparency Act)

Most of you will be aware that the government announced, as part of its budget plans, a comprehensive 30-point housing strategy. The announcement included the creation of a Beneficial Ownership Registry – and the budget also indicated it would be operated by the LTSA.

Ever since there has been much work underway on the Beneficial Ownership Registry. The draft of the enabling legislation has been tabled as the Land Ownership Transparency Act. A white paper was released June 20, 2018 seeking feedback, with an approximate two-month consultation period. That consultation period has been extended by two months, however the LTSA remains very busy on the design and operations parameters for the registry.

Condo and Strata Assignment Integrity Register

As part of the same budget announcement, government were clear that they were moving forward with an ability to track strata unit pre-sales and more specifically the on-going assignments of these contracts. This has since become known as the Condo and Strata Assignment Integrity Register. This is really a situation where government believes significant dollars of tax revenue is not being paid on profits from resale (assignment) of strata unit sales contracts.

It is still unclear at this point the time frame for implementation of either the Condo and Strata Assignment Registry or the Beneficial Ownership Registry, although there is some discussion of the Condo and Strata Assignment Registry being on line very early in 2019.

Boundary Commissioner

Work on the Alberta-BC Boundary Commission has been active. Since the bulk of the monuments placed along the watershed boundary between Alberta and BC are now over 100 years old, some are in need of restoration to ensure the boundary remains well marked for another 100 years.

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Over the summer we have had two projects underway. A monument restoration survey centered around the Yellowhead Pass, where approximately 33 Alberta-BC Boundary Monuments are being restored (re-built). We also have, as part of our 30 year Alberta-BC boundary maintenance project, an inspection survey underway in the Tent Mountain Pass area in southern BC. Both projects should finish in the next 6 weeks and we will start to prepare for next year.

Our 30-year plan has us looking at doing one new monument inspection survey, and one corresponding restoration survey in the following year, in a leapfrog manner every summer.

LTSA Reorganization

I want to advise the group that the LTSA is undergoing an internal reorganization, with the focus being to transition to a customer-centric organization and create the capacity for Business Development opportunities. I will have much more on this at the 2019 AGM.

Thank you for allowing me to talk about these matters at the early October travelling Board meetings. I hope they offer an opportunity for you to think about the work you do and how these items may affect you and what you might consider doing to prepare.

In closing, I would encourage anyone who is interested in knowing more about the LTSA to take a tour through our website at www.ltsa.ca. ❖



Message from the **Secretary**

Transparency

By Kelly Stofer, *BCLS Secretary*

The Strategic Plan identifies the Association's mission, vision, and values. One of these values is that we believe in the "ideals of being impartial and transparent". It is through transparency that members and the public have access to information needed to make decisions and trust that our system of self-regulation is working effectively. Transparency allows members and the public to hold the ABCLS accountable.

Professional regulatory bodies can provide transparency in several ways. One is by ensuring public representation on Boards and committees relating to complaints and discipline. The ABCLS has one government appointed layperson on the Board, and we have recently decided to request the appointment of a second. We also have a public representative, appointed by the Board, on the Complaint Inquiry Committee. Thus, complaints are both investigated and decided by panels which include members of the public.

Another way that regulators provide transparency is by placing information in the public domain. The ABCLS makes the Bylaws, Board policies, Board minutes, the Code of Ethics, Survey and Plan Rules, professional and ethical guidance (i.e. the

Professional Reference Manual), Strategic Plan, Annual Report, and disciplinary outcomes publicly available. I think there is more that we can do to enhance the accessibility of this information, but it is all available upon request. The ABCLS also provides detailed information about examinations and instructions to candidates for registration as land surveyors. The Complaint Inquiry Committee's regular column in the Link magazine provides anonymized information about complaints which are not upheld to further promote transparency and learning.

Another step toward increased transparency involves ABCLS Board meetings. In the analysis which accompanied the 2018-2020 Strategic Plan, an internal weakness of the ABCLS was identified around the level and transparency of Board communication with the membership. In our recent governance review, a member task force recommended that the Board meeting prior to the AGM be open to all members to attend, commencing with the 2019 AGM. As I write this article, the Board is planning to discuss this recommendation at the December meeting, and as you read this article, the Board may have already decided whether or not to implement this recommendation.



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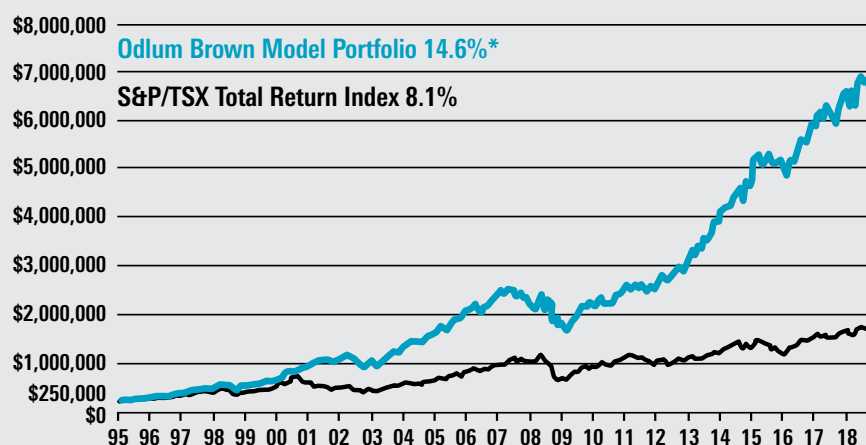
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	YTD	1 YEAR	3 YEAR	5 YEAR	10 YEAR	20 YEAR	INCEPTION ²
Odlum Brown Model Portfolio³	-0.1%	2.0%	7.9%	10.6%	12.9%	13.1%	14.6%
S&P/TSX Total Return Index	-4.2%	-1.7%	8.2%	5.4%	8.4%	7.0%	8.1%
S&P 500 Total Return Index (\$CDN)	9.5%	12.1%	12.4%	16.3%	15.3%	5.7%	9.6%

¹ Except for YTD Period. ² December 15, 1994. ³ The Odlum Brown Model Portfolio is an all-equity portfolio that was established by the Odlum Brown Equity Research Department on December 15, 1994, with a hypothetical investment of \$250,000. It showcases how we believe individual security recommendations may be used within the context of a client portfolio. The Model also provides a basis with which to measure the quality of our advice and the effectiveness of our disciplined investment strategy. Trades are made using the closing price on the day a change is announced. Performance figures do not include any allowance for fees. Past performance is not indicative of future performance. *Compound annual returns are from inception December 15, 1994 to November 15, 2018.

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Opening up Board meetings could be a big step toward incorporating modern professional governance practices. But when we, as a regulatory body, think about increasing Board transparency, we need to be careful to balance the principles of public protection and accountability, with fairness and privacy.

If we were to open the March Board meeting, we would first need to identify subject matter that should be considered in an open meeting and subject matter that should only be discussed in a meeting that is closed. For example, matters involving personal information about an identifiable individual being considered for an appointment, contract, award, or employment should be discussed in a closed meeting. The same goes for certain discussions involving security or property of the ABCLS, advice that is subject to solicitor-client privilege, litigation or potential litigation involving the ABCLS, decisions on whether or not to hear a complaint, and consideration of information received in confidence.

What about the Board's consideration of whether a Board meeting should be open or closed? I think this should also be discussed in a closed meeting. And I suspect we will sometimes run into matters involving the protection of the public interest which outweigh the principle that meeting topics should generally be open.

Another question to consider is whether members attending an open meeting should have an opportunity to address the Board, and if so, under what conditions? Who should decide whether a member or other guest is able to appear before the Board, and when should this decision be made? (There are practicalities to consider with respect to meeting room size, i.e. auditorium or board room.) Should there be a time limit on member presentations? Are there matters that should not be open to discussion? What will be the process to request permission to present at a Board meeting? The Board would need to develop policy to address these and other questions.

We should also keep in mind that ABCLS Board decisions must be made transparently and in the interest of the public. Why then would we consider opening Board meetings to ABCLS members and not also consider opening them to the public?

Following a motion carried under new business at the 2017 AGM, the Board considered the question of making meetings available to the members and broadcasting them live on the internet using video feed technologies. The 2017 Board felt that live video would make for cumbersome, less open discussions and would stifle debate. It was felt that the entire tone and effectiveness of Board meetings would be compromised. While the governance task force has made a somewhat different recommendation, I suspect it could raise some similar concerns.

Members can expect an update with reasons for any decision made by the Board following consideration of this recommendation in December. ❖

New Commissions



L - R: Colin Grover BCLS, Kelly Stofer BCLS, Rob Pearlman, Rob's wife Dayna Jones, Ryan Hourstan BCLS, Peter Wittstock BCLS

Robert (Rob) Pearlman BCLS #999

Rob was commissioned on November 15, 2018 in Victoria by Kelly Stofer.

He was born and raised in Victoria BC and became interested in surveying through educational opportunities he had while living in Vancouver.

Rob received his commission as an Ontario Land Surveyor in January of 2018.

He would like to give a big thank you to his wife Dayna for her patience and support. Also, thanks to Marty Nisbet OLS, his surveying mentor in Ontario and everyone at Monteith and Sutherland Ltd for their support. Thanks to the staff and partners at JE Anderson and Associates and to the staff and members of the ABCLS who have helped with advice and tutoring along the way.

When not land surveying, Rob enjoys rock climbing, mountaineering, spending time with his wife and dog and scale modelling.

Board of Examiners - Fall 2018 Sitting

The Board of Examiners has completed the fall 2018 sitting of the professional exams and field projects. Candidates submitted a total of 58 written exams and 18 field projects.

After adjudicating this round of exams and field projects, the examiners had these comments:

- Poor handwriting continues to be a theme seen across the written exams but has improved. There could also be improvements with spelling and grammar.
- Candidates should be aware of the marks awarded to each question. In some instances there is too much writing for a simple (2-3 mark) question and not enough for a complex (6-8 mark) question.
- If an assumption were made for the purpose of your answer, the examiners would like to have that assumption stated.
- Examinations must be approached much the same as field notes, with clear and neat answers in a logically organized manner. If the examiner has difficulty reading the answers, and the answers are scattered, the candidate is not going to do well. It is important to read and understand the question before attempting to answer, remembering that in most questions, especially in the Practical Exams, the question is looking for an understanding and application of the concepts, not the definition. If the candidates find themselves copying anything verbatim, they may be falling short.
- The best preparation for the exam is not only being well versed in theory and practice, but also being aware of current events and discussions within the association.
- A well prepared candidate needs to take part in the regional and general meetings, read the articles and the letters to the editor in the Link, and talk to other candidates and land surveyors to understand and develop a position on the pertinent issues currently affecting land surveyors.
- Insufficient level of detail: Consider the field project as an opportunity to show the examiner what you know. A project must illustrate your competency to the examiner in order to be successful, so don't leave anything out. Projects should include a level of detail, as would be typically discussed with a supervising land surveyor or peer. For example, to say that a post found looks good is insufficient. The examiner expects dimensional comparisons between your survey and previous plan(s) dimensions to fully qualify this good-looking post, as acceptable in the position it was found. The narrative must walk the examiner through this thought process in detail.
- Project 2 specific: The survey undertaken must present more than the usual level of boundary resolution challenge, in order to enable the candidate to show the examiner the logic applied in solving the problems. This doesn't mean the survey has to be overly difficult, only that it contain some conflicts and inconsistencies to resolve with professional level supporting rationale. This rationale may include reference to court decision precedent where applicable.
- The examiners are looking for application of the hierarchy of evidence and not simply a list and discussion of the order.
- Consider that a field project is prepared to satisfy entry into a profession. With this in mind, reports are expected to be prepared and presented at a professional level, as though you are presenting it to your client.
- Diagrams and figures add value and should be labeled.
- Reports should be in colour to enhance photographs and illustrations. If submitted digitally, hyper linking to the relevant appendices makes the report reader friendly.

The guidelines are not intended to limit the candidate reports; this is an opportunity to showcase their knowledge. ❖

E&N Grants – Don't Take Them For Granted

by Katie Hannah, *BCLS Deputy Surveyor General*

This is a cautionary tale, reminding researchers to do their due diligence when researching rights within the E&N lands. I stumbled upon an interesting situation a couple of months ago – a parcel with both an E&N grant and a provincial Crown grant. Confusion quickly turned into a small amount of panic when basic research didn't yield the expected result, being a forfeit to Crown. This led to a deeper dive into the Surveyor General Vault records, which in turn led to my enlightenment about a little-remembered piece of legislation known as the Vancouver Island Settlers' Rights Act.

In 1884 the Settlement Act (1884 – Chapter 14 S.B.C. – An Act relating to the Island Railway, the Graving Dock and Railway Lands of the Province) transferred to Canada the available lands within the Railway Belt, a block of three and a half million acres in the Peace River District, and nearly two million acres – over 20% – of Vancouver Island. This was as a result of the Terms of Union when British Columbia joined Canada in 1871. The grant was recorded in the Victoria Land Registry in May 1887.

This first grant of land to the Esquimalt and Nanaimo Railway included all coal, coal oil minerals, timber, base minerals, and the beds of all available bodies of water. Despite

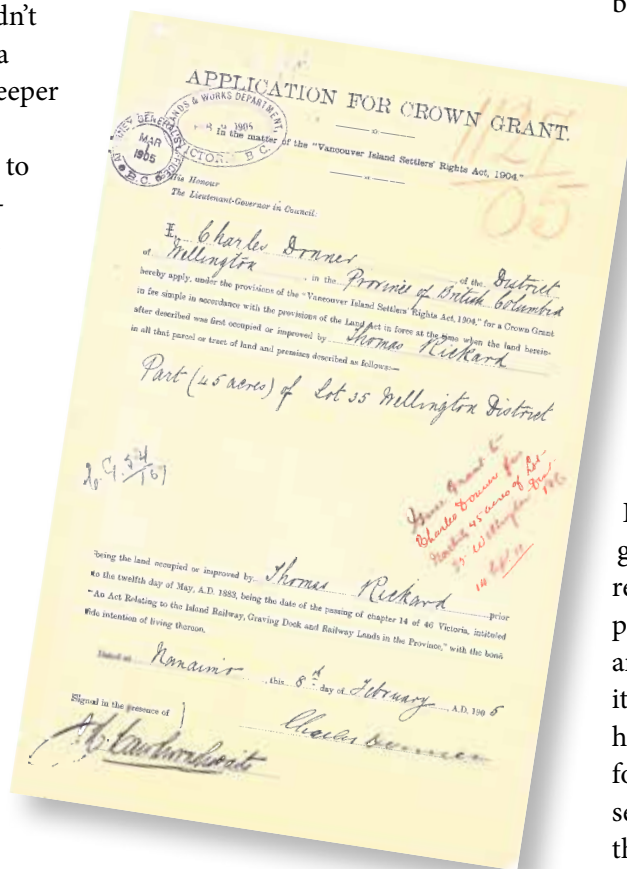
any pre-emption requests, settlers who purchased land from the E&N received only surface rights, and therefore did not receive the same rights as those who purchased land directly from the Crown. A fight ensued which eventually resulted in the Vancouver Island Settlers' Rights Act (Chapter 54 S.B.C.

As a result of the VI Settlers' Rights Act, the E&N applied to the Dominion government for a third grant to make up for lands alienated under this Act. (The second grant was for lands that were not available to the E&N in the first grant, due to previous alienation.)

On to a history of the parcel that brought this to my attention.

The parcel is District Lot 35 (a.k.a. District Lot 35G), Wellington District. Why on earth would a parcel be “also known as”? The original entry in the Absolute Fees Book notes the parcel description as simply DL 35, as does the sketch within document 7570N and subsequent transfers of ownership. The provincial field note book, however, refers to the parcel as DL 35G, as does the Provincial grant of the northerly 45 acres. The reasoning behind including “G” in a parcel description has been lost in the annals of history. For mineral claims it seems to indicate that the owner had the rights to mine gold and silver; for surface parcels a non-exhaustive search in Tantalus seems to indicate that all of the “G” parcels fall within the E&N area, so perhaps it was applied to those parcels of Crown land situated within the E&N lands.

District Lot 35 was surveyed in November 1890 by A. R. Heyland. The parcel was plotted in March 1906 and gazetted in November of the same year. The survey was completed as a



1904). The VI Settlers' Rights Act required that a settler prove bona fide occupation and improvement of the land prior to enactment of the 1884 Settlement Act in an application to the Lieutenant Governor in Council.



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result of Pre-emption Claim No. 26, made by Thomas Rickard in June 1884.

Mr. Rickard purchased DL 35 from the E&N, which was recorded in the AFB on September 24, 1891. Two entries below is a sale of the north 45 acres of DL 35 from Mr. Rickard to Mr. Charles Donner. Sources differ in the date of this sale, but it occurred either in 1890 or 1891, but certainly prior to the entry within the AFB.

With enactment of the VI Settlers' Rights Act in 1904, Charles Donner began preparation of the documents to be included with his "Statutory Declaration in Support of Application for Crown Grant," which he signed on February 8, 1905. The provincial Crown grant was given on October 4, 1911 to Mr. Donner, "being the northerly forty-five (45) acres of Lot Thirty-five G (35G)." The original documents included in the application are attached to the grant kept in the Surveyor General vault and include handwritten affidavits. The only hint of this grant being different from any other alienation by the Crown is a note in the verbiage near the top which reads: "Know ye, that, pursuant to the "Vancouver Island Settlers' Rights Act 1904[...]"

So despite being cautioned that "dead men tell no tales," the records they leave behind can certainly aid in figuring out the story of a funny parcel with two grants. For more information, read Bill Taylor's 1975 paper "Crown Land Grants: A History of the Esquimalt and Nanaimo Railway Land Grants, the Railway Belt, and the Peace River Block," a copy of which can be found on the LTSA's website www.ltsa.ca ❖

2018 BCLS Golf Tournament

Marissa Moore, *BCLS*

The 5th Annual BCLS Golf Tournament was held on September 14 at Kamloops Golf & Country Club. Although it was an unsettled day, weather-wise, we managed to avoid rain and have a lot of fun. We had incredible interest and participation this year, with a total of 52 players, plus additional guests who attended the banquet. It was a pleasure to see so many new and familiar faces come out and support the event.

The scoring changed this year to incorporate handicaps into the team scramble format. This was well received by the players and provided a better opportunity for all teams to have a chance of winning. The winning team this year was Scott Rhodes, Dave Underwood, Chris Crowell and Landon Klassen, all from TRUE. They were rewarded with the trophy and first choice at the prize table. When people travel long distances to show their support, we feel it's important that nobody goes home empty-handed. This year we had a lot of fun shopping for prizes and ended up with a prize table worth over \$2600, which included golf clubs, electronics, clothes and gift cards.

We had a significant interest in sponsorships again this year:

- **Silver Sponsor** – Vector Geomatics
- **Bronze Sponsors** – Robertson



(from left to right) Dave Underwood, Scott Rhodes & Landon Klassen (Chris Crowell was not in the photo).

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- **Hole Sponsors** – Parallel 49 Brewing, Allnorth and Spatial Technologies
- **KP's/Long Drives** – BCIT Geomatics Program, The LTSA, Hango Land Surveys, CanCadd Imaging Solutions and Spatial Technologies

I'd like to thank those sponsors, along with everyone who participated and generously donated. We had a 50/50 draw, putting contest and our traditional auction for dinner. Combining these with the sponsorships and donations, we raised almost \$7,200 for the BCLS Foundation. This was a record year, which I'm absolutely thrilled about.

Planning is already underway for next year and a spot has been secured at Talking Rock Resort & Quaaout Lodge on September 20, 2019. If you're interested in participating, a block of rooms has been reserved at the lodge. You're encouraged to book early as rooms are limited.

As always, please don't hesitate to contact me with any questions, comments or suggestions. I look forward to seeing you all next year! ❖



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“What we’ve got here is failure to communicate.”

Cool Hand Luke (1967)

While the Complaint Inquiry Committee (CIC) occasionally comes across instances of poor communication in the course of complaint investigations, it recently found itself investigating a complaint that was directed squarely at a land surveyor’s poor communication and related allegations involving unauthorized completion of a survey, aggressive and rude behaviour, and making a false accusation and threatening statement.

In the end, the CIC was satisfied that the BCLS had not breached a bylaw or conducted himself unprofessionally, but the BCLS recognizing his own mistakes had no choice but to issue an apology for a poor choice of words, and to absorb about \$5,000 in uncollected fees.

The facts were roughly as follows:

- (a) The client emailed the BCLS and requested the marking of corners and boundaries, an itemized quote, an indication of the approximate timing of the work, and how long it would take.
- (b) The BCLS, with some delay, emailed the client with a quotation to mark the corners and boundaries. The email did not specify the timing for the work.
- (c) Some seven months later, the client emailed the BCLS and

indicated that she would like to schedule the survey. She asked about the timing for scheduling the work. The BCLS took the email as confirmation of the assignment.

- (d) The parties spoke by telephone the following month. From this call, the client understood that the BCLS would contact her later to confirm whether or not she wished to proceed with the work. The BCLS could not say for sure that the client was incorrect.
- (e) About five months later, the client received an invoice. She was surprised because she did not think she had authorized the work and was not notified that it was proceeding. It was at this point that a dispute arose.
- (f) In an email exchange that followed, the client confirmed her understanding that the work was not authorized to proceed and highlighted concerns with the communication. The BCLS replied to the effect that it was starting to look like a scam, and would not end there.

After carefully reviewing his file, the BCLS acknowledged that he might have proceeded without clear authorization. In addition to a lack of clarity around whether the work was authorized to begin

with, there does not appear to have been any notification that the work was proceeding, or that it had been completed, except perhaps for the invoice.

Of particular note was the absence of a written contract. The Professional Reference Manual provides practice guidelines which include entering into written contracts that outline the services to be provided and the terms for professional fee compensation. The CIC noted that land surveyors generally do enter into written contracts with their clients; however, the ABCLS does not require them to, and in this instance, the BCLS chose not to. In many respects, this complaint was the predictable result of an assignment without a written contract agreed by the parties, spelling out the scope of work and schedule for completion.

The CIC found insufficient evidence of aggressive or rude behaviour during a telephone call in which the parties discussed the unexpected completion of the work. Likewise, the CIC found that a statement by the BCLS that “... this is starting to look like a scam, but of course this will not end here” fell short of a false accusation and threatening statement.

The CIC accepted that the BCLS proceeded based on either a genuine misunderstanding that the client wished to go ahead with the survey,

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or a breakdown in his work tracking system. There was insufficient evidence to suggest that the BCLS had conducted himself unprofessionally by deliberately proceeding with work that was not authorized. The CIC understood the BCLS' concern that he would not be paid for completed work which he believed at the time, had been authorized.

In deciding that the BCLS had not

breached a bylaw or conducted himself unprofessionally, the CIC took into account a written apology by the BCLS for his choice of words and a decision not to pursue collection of his invoice.

We all get busy and things can slip through the cracks, but client communication and contractual matters in particular, should probably be prioritized. Throughout the investigation, the CIC noted that

the BCLS responded promptly, professionally, and honestly, and was focused on resolving the complaint. The CIC hopes this complaint can highlight: firstly, the value in having a client consent to an assignment based on a written contract which spells out the scope of work, schedule, and professional fees; and secondly, the role of the CIC in attempting to resolve complaints where the parties are willing. ❖

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BC Land Surveyors Foundation, Ray Chapman Memorial Award	\$2,500	Bachelor of Science in Geomatics	Joel Peterson
BC Land Surveyors Foundation, W.N. Papove Sr. Memorial Award	\$2,500	Geomatics Engineering Technology	Yunhui Li
BC Land Surveyors Vancouver Island Group and Association of BC Land Surveyors Awards	\$1,500	Bachelor of Science in Geomatics	Nikita Kolotilin
BC Land Surveyors Vancouver Island Group and Association of BC Land Surveyors Awards	\$1,500	Geomatics Engineering Technology	Connor Ludvigson
BC Land Surveyors, G.M. Thomson Citizenship Award	\$2,500	Geomatics Engineering Technology	He Wang
BCLS Foundation Kenneth K. Wong Memorial Land Surveying Scholarship	\$2,500	Geomatics Engineering Technology	Peter Shaw
BCLS Foundation Women in Geomatics Award	\$2,500	Geomatics Engineering Technology	Yeseul Kim



Steven Wong, BCLS presenting the **BCLS Foundation Kenneth K. Wong Memorial Land Surveying Scholarship** to Peter Shaw



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Kettle Valley Railway Bike Tour



By Robert Allen,
British Columbia Land Surveyor (Life Member)
Canada Lands Surveyor (Retired)
Life Member, Canadian Institute of Geomatics

Group photo at one of the now-decommissioned trestles.

Early in the Spring I noticed an ad in BC Nature magazine, for an organized bike tour along part of the old Kettle Valley Railway (KVR). It started at the old Coquihalla toll booth and headed about 25 km down the KVR, to the Portia Exit. I've always had an interest in old railways, starting when I was a kid and my Dad would take my brother and me hunting near Courtenay. We were able to travel along some of the old Comox Logging railway grades. The grades were straight with long gradual curves with very little elevation change: perhaps that is what started my interest in surveying – wondering how they could be so straight. There had to have been a surveyor involved! They were



Kelly Pearce holding a photo of Andrew McCulloch, the Chief Engineer on the project.

also ideal locations to look for grouse.

I have also spent a fair amount of time on different parts of the KVR and marvelled at the tenacity of the surveyors that found a location line that would work for the required alignment and grades – no easy feat in the rugged mountainous country that we have in south western British Columbia.

The tour was on August 11, organized by the Hope Mountain Centre for Outdoor Learning <http://hopemountain.org>, there were 15 of us plus a guide/historian and a bike mechanic. We started riding about 10:00 am and were down at the Portia



Entrance to one of the now-decommissioned tunnels.

Exit by 4:30 pm. We each packed a lunch, water/juice, and a spare inner tube. We passed numerous tunnels and trestles, all of which had been decommissioned years ago during a practice exercise by the Canadian Army. Some of our ride was along the old grade itself and some was along a pipeline access road which was sometimes on the old grade and if not, was in close proximity to it. We stopped for lunch about 12:30 and then carried on. Our guide/historian, Kelly Pearce, was very knowledgeable and stopped at each tunnel and

trestle and other points of interest to tell of some of the facts and figures of the KVR.

We left our vehicles at the toll booth and when we got to the bottom, a bus was waiting to take us back up the hill to our vehicles. The bike mechanic stayed behind with our bikes to keep an eye on them.

It was all downhill and an easy ride. Most of us had mountain bikes but there were also two folks on electric (assist) bikes. The scenery was

spectacular and the company was equally great. They don't do this trip every year but I plan to keep an eye open for it and do it again the next time it is advertised. ❖

Photos of the bike tour can be viewed here: www.flickr.com/photos/hopemountain/sets/72157700170292475

For some short additional reading, in the March 2004 issue of The Link I had a short article titled "Andrew McCulloch Revisited".

robert.allen.bcls@gmail.com



One of the still-remaining snow sheds.



Riding along the old rail grade.



The remains of a decommissioned trestle.

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OIP Group Luncheon

Wayne Griffith, *BCLS (ret) CLS (ret)*

Secretary OIP Group

The OIP Group met at the Creekside Grill on Monday, September 10, 2018. This was our third visit to this eating establishment. I reserved for twenty and seventeen surveyors attended

Those present were Keith Errington, Robert Allen, Chris James, George Fenning, Larry Achtemichuk, John

Nash, Bill Chapman, John Henderson, George Robertson, Neil Bennett, Dick Mak, Ralph Turner, Stan Nickel, Helge Jacobsen, Martin Schulze, Dave Liddle, and Wayne Griffith. Dai Yates, Clare Hobbs, Ron Scobbie and Rick Clendenning were unable to attend due to other commitments but we hope to see these gentlemen at the January luncheon. We opened the luncheon with a moment of silence

to remember the loss of Life Member Barry Cotton.

Bill Chapman opened with our first order of business. Chapman Land Surveying is one of the sponsors of a play titled "Vimy" produced by the Western Canada

celebrated military victory of the war and a staggering 10,500 Canadians were either killed or wounded in the action. Bill talked about the outstanding contribution the survey community made to the War effort at the time. During the Great War 129 surveyors enlisted, representing over half of the active surveyors in the province at the time. Unfortunately 24 died and several were wounded. Nine surveyors received the Military Cross. Truly an impressive contribution considering Canada's population at the time. For those interested in attending the presentation it will be on Friday and Saturday, November 2 and 3, 2018 at the May Meek Arts Centre in West Vancouver.

Robert Allen followed and he provided me with the following write up of his message to the Group: "Jay Sherwood approached me with the idea of digitizing two large photo albums in the vault in the Office of the Surveyor General. This would be a project to be finalized in 2021 in recognition of British Columbia's 150th anniversary of becoming a Province and joining Confederation.

The two large photo albums were donated to the LTSA about a year ago. The albums were put together probably between 1915 and 1920 and are a compilation of photographs taken by BC Land Surveyors in British Columbia from 1911 to 1915. The albums are organized into sections by

Theatre. "Vimy" is a drama set in a field hospital in France just before Canadian soldiers attacked the entrenched German army at Vimy Ridge. This was Canada's most



Above: Ralph, Neil and Bill

Right: Group ordering

Below: Group settling in



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latitude, beginning at the 49th parallel and going up to the 59th. Within each section the photographs are organized by surveyor. The photographs all have brief captions that make them identifiable and they are in good condition and are generally of high quality, but the albums themselves are starting to deteriorate. There are over 1000 photographs in the two albums and it would be a shame to lose them through fire, theft, deterioration, etc.

I am hoping to have some money put into the Historical and Biographical Committee budget to assist with the scanning and listing of the photographs, and I was looking for some moral support for the project from the OIPs."

Needless to say Robert received the moral support of the Group and

hopefully the Association will step up with the required funding to get this project underway.

Helge Jacobsen presented an interesting problem regarding the status of one-chain corridors between sections often labelled road and the status of Pinecone Burke Provincial Park. He was having trouble with the various levels of government in determining ownership of the road and park. Helge came well prepared, with a handout explaining his concerns. I'm not sure how successful his efforts were but with all the great retired minds present I am sure Helge received some good advice.

John Nash reported that he had been to visit Doug Meredith. Apparently Doug was in good humour and joked that he had long outlived his expiry

date several times. It was nice to hear that the ageing process had not dulled his sense of humour. Doug's presence has been missed at the luncheons and the Group sends their best wishes.

Once again the luncheon passed quickly and with no time taken for jokes and tall tales. Maybe we will get there at the New Year luncheon. If you would like to join the OIP Group please contact Wayne Griffith at wmgriffith@shaw.ca.

The OIP Group will next meet Monday, January 7, 2019 at Ricky's All Day Grill from 11:30 to 1:30pm. Ricky's is located at 8958 - 152nd Street. Dick Mak recommended this as a new location and the restaurant is located in the Evergreen Mall at the Intersection of Fraser Highway and 152nd Street. ❖

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Battle of Vimy Ridge

By Robert Allen,
*BCLS (Life Member),
CLS (Retired)*



One hundred years ago this year, the First World War ended; WWI, The Great War, The War to End All Wars, etc. To commemorate this life changing event, the Kay Meek Arts Centre in West Vancouver is presenting, or by the time this article is published, will have presented, a play simply titled VIMY, named after “a celebrated military victory, the Battle of Vimy Ridge (April 9-12, 1917)”. It was the first time the Canadian Corps had fought together and it was considered a pivotal moment in the war. It was “an incredible engineering [and surveying] feat and a great success” but came at a horrendous loss “with 10,000 men killed or injured”.

The play was presented on November 2 and 3, 2018 in West Vancouver and it takes place in a field hospital in France just before the Canadian forces attacked the entrenched German army at Vimy Ridge. It tells the story through the experiences of four soldiers from different divisions and of one nurse; they all represent different regions across Canada. The play is also going to be performed on Remembrance Day at Vimy Ridge.

Bill Chapman, BCLS, and his firm, Chapman Land Surveying, were sponsors of the play. A number of Bill’s family and old partners in his firm served during the war and all suffered from it in one way or another. 129 BC Land Surveyors, more than half of the

active BCLSs, signed up to serve overseas and 24 lost their lives and numerous others suffered injuries that affected them the rest of their lives. Nine of them were awarded the Military Cross. There is no doubt in my mind that the land surveying profession sent more men to that war than any other profession and unfortunately lost a higher percentage as well.

Our friend and well-known author, Jay Sherwood, was also involved with this project helping Bill and the Kay Meek Arts Centre with some of the research.

I would encourage you to read the accompanying information which has been taken from the blog for this play. The blog can also be viewed at:

<https://kaymeek.com/blog/vimy-a-local-connection-chapman-land-surveyors>

Lest we forget!

VIMY, A LOCAL CONNECTION: CHAPMAN LAND SURVEYING

By Jay Sherwood and Zoe Quinn

This year's Remembrance Day has a special significance, marking the 100th anniversary of the end of the Great War. At Kay Meek Arts Centre, we're commemorating this historic milestone by presenting Western Canada Theatre's remount of *Vimy* by Vern Thiessen, directed by James MacDonald who also helmed the premiere a decade ago for the 90th anniversary.

A celebrated military victory, the Battle at Vimy Ridge (April 9-12, 1917) was the first time the Canadian Corps fought together. Although it was considered a pivotal moment in the war, an incredible engineering feat and a great success, the sacrifice was extreme with 10,000 men killed or injured.

The battle at Vimy Ridge also has special significance for one of the show's sponsors Bill Chapman of Chapman Land Surveying in West Vancouver, with a personal connection to his firm and family.

THE HISTORY OF CHAPMAN LAND SURVEYING

It's hard to imagine what the North Shore must have been like 100 years ago. In fact, West Vancouver wasn't founded until 1912 and there were no bridges, only a ferry to link downtown to the communities that now sprawls from Deep Cove to Lions Bay.

The entire province was being surveyed around the turn of the 20th century and one of the first land surveying companies in Vancouver was Williams Brothers, established in 1889. George Dawson joined in 1891. The Williams brothers left and John Elliott joined the firm in 1906. In

1950s. Bill Chapman joined his father Ray Chapman in the business in 1975.

VIMY & BC LAND SURVEYORS

During the Great War, 129 BCLS surveyors enlisted, representing over half of the active surveyors in the province at that time. 24 died and several received injuries that affected them for the rest of their lives. Nine were honoured with the military cross.

Advanced engineering and surveying techniques were employed at Vimy Ridge and were instrumental in its success. The land surveyors were vital in the planning and execution of the attack, adding their expertise



Photo from Library and Archives Canada.

1911 Dawson became the province's Surveyor General and Mervyn Hewett joined Elliott. Elliott married Edith Swift. Her sister, Daisy Swift, married Ernest Chapman. Their son, Ray, Bill's father, worked for his uncle John, and through that decided to become a surveyor. Later Ray went into partnership with John and his brother, Hector and the firm went on to become Chapman Land Surveying and moved to West Vancouver in the

especially with the construction of the tunnels and railway lines.

ELLIOTT & HEWETT'S WAR YEARS

Three members of the small Elliott and Hewett firm served in the war and two fought at Vimy Ridge. Mervyn Hewitt enlisted in 1915 at the age of 43 and was a sergeant in the 3rd Canadian Division Engineers. He went on to



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Photo from Library and Archives Canada.

receive the Decoration Militaire for his service. He was one of several BC land surveyors who worked on developing the infrastructure of the tunnels, railways and communications that played a key role in the Allied success at the Ridge.

John Elliott, the eldest of four brothers, was married and had children. He stayed back in Vancouver to maintain the business while his three brothers—Hector, Lachlan and Marshall—all enlisted. Hector and Marshall worked on Elliott and Hewett's survey crews. Hector contracted an illness during training and was discharged. Lachlan, who hoped to be a lawyer, was severely wounded at Mount Sorrel and never able to work at steady employment again. Marshall enlisted in the 54th Battalion and fought at Vimy. The war experience of the Elliott brothers is similar to that of many families living in BC during the war years.

Continuing the tradition of serving in the Canadian military, Bill's father

Ray Chapman served in the Second World War.

BC SURVEYORS AT VIMY RIDGE

Mervyn Hewett was one of several BC land surveyors who developed the infrastructure of tunnels, railways and communication lines that played a key

role in the Allied success at Vimy Ridge.

Another was Lieutenant Richard Henderson, BCLS #2. According to the BCLS Roll of Honour, "He was attached to the 11th Field Company, Canadian Engineers, with whom he was engaged in consolidating the ground before Vimy Ridge on April 11 1917, when he was instantly killed by a chance shell." The war diary for the 54th Battalion that day states: "Intermittent shelling... Lieut. R.H. Henderson, attached 11th Coy, C.E., killed."

On the same day, Marshall Elliott, who served in the 54th Battalion, was injured when one of the intermittent shells fired at this sector of the line exploded near him. The shrapnel lacerated Marshall's left thigh, and necessitated the amputation of his little toe. He was in the hospital for a few months and left with a permanent weakness in his feet and legs.

Many thanks to Bill Chapman and Chapman Land Surveying for your support of this presentation of Vimy, and to all veterans and their families who have served.

Lest We Forget ❖



Dave Dyck, Bill Chapman, Harry Hickman and Keith Errington - Steve Minnie missing from the photo.



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Joseph D. Pemberton's Extraordinary Journey to Fort Victoria

By Calvin Woelke

Here's a survey assignment: Leave everything you know, sail half-way around the world, lose part of your luggage and equipment while en route, have the remaining equipment detained until you get permits, endure extortion from travel guides, get violently ill at sea (what we would probably call norovirus), narrowly escape a massive city-wide fire, be delayed by a month by a well-meaning neighbour, and your bosses need a proper cadastral survey performed because the last surveyor didn't do as good a job as he claimed he could. This is what happened to British Columbia's first Surveyor General, Joseph Despard Pemberton.

J.D. Pemberton was employed by the Hudson's Bay Company (HBC) and was told that he was to leave London within two days and be on a ship, the RMS Thames heading to Panama via Chagres (Atlantic side of Panama, west of Limon Bay). From Panama (the canal wouldn't be opened for another 63 years) he was to take the first steamer to San Francisco, up to Astoria, then further up to Fort Vancouver, then finally up to Fort Victoria, reporting to Chief Factor James Douglas.

Pemberton's bosses in HBC wanted to have an accurate survey of Victoria and the surrounding area. The first surveyor they hired to do the job was to be 'Company-Colonial Surveyor in the Northwest and Settler,' Captain Walter Colquhoun Grant. It turned out Grant wasn't as qualified as the

HBC wanted. After a while and an incomplete map, Grant and HBC parted ways. J.D. Pemberton was sent out to be Company-Colonial Surveyor of Vancouver Island.¹

Before Pemberton arrived in Victoria, he had quite the trip; Part of his luggage didn't go with him after Panama, and the luggage that did was detained at various offices in Panama. Once he boarded the steamer California going to San Francisco, many people fell ill including himself. Due to picking up passengers at every port, the California became overcrowded. In Pemberton's own words:

"The 'cuisine' became gradually vile, often 'dunce' of the worst description, and cleanliness in the cabins utterly neglected; anything to drink at four times its value, and persons in fever could not obtain any light drink, nothing but bad wines, ales, spirits...

When I got here (San Francisco) I was just able to walk without assistance, hands trembling, & ankles swelled out, and unable to speak distinctly. The first night I had a spasmodic fit. I am now, thank God, getting all right again."
(A6/120:MF47 p.11) *

Pemberton arrived in San Francisco on April 23, 1851 and left there on the steamer Sea Gull in the afternoon of

May 3, 1851. That night San Francisco was consumed by fire which destroyed three quarters of the town, including the hotel where Pemberton had stayed. No one aboard the Sea Gull knew of the fire at the time. When Pemberton arrived at Humbolt Bay (220 miles north of San Francisco) the Sea Gull came across another ship carrying 200 passengers heading to San Francisco that was wrecked. The Captain of the Sea Gull persuaded Pemberton and 40 others to go ashore at Humbolt Bay, so the Sea Gull could go back to San Francisco with the 200 passengers from the wrecked ship. The delay was only to be a few days, but due to the fire in San Francisco, Pemberton was delayed for more than a week. (A6/120:MF47 p.14)

After more delays, on May 20, 1851 Pemberton arrived at Fort Vancouver and was received by Mr. Ogden, the Representative of the Board of Management. According to Pemberton, Ogden "was informed of the nature and circumstances connected with my engagement under the Company, but did not feel justified in going to the expense of sending me express." (A6/120:MF47 p.14,15)

Pemberton eventually arrived at Fort Victoria on June 24, 1851 via the Cowlitz and Nasqually (sic) Rivers, seeing the Puget Sound Company's farms en route. He reported to Douglas who treated Pemberton warmly and said he would help the new surveyor any way he could. Pemberton wrote to his superiors back in London:

“From the conversation I had with him (Douglas), a survey of the Fur trade reserves and Puget Sound lands is much wanted, and we propose at once surveying the country from a point west of Esquimalt Harbour to Cordova Bay, including the lands lying on Victoria harbour, Cadboro Bay, Oak Bay, etc etc. Although I have not all the instruments required for the extended survey, I shall find no difficulty in executing this part of the survey in such a manner as to connect and make it uniform with the Trigonometrical survey which is to follow. Some delay in reconnoitering [sic] etc takes place, but I hope to make preliminaries as short as possible, and to be at work in a few days, and shall lose no time in dispatching this part of the survey, including range of about 20 miles, as quickly as possible.”
(A6/120:MF47 p.15,16)

Pemberton didn't waste any time and immediately got to work. The fires didn't help his survey, but he still managed to make great progress. He also asked for more assistance as he pointed out in his letter dated August 8 to Andrew Colville (HBC):

“Since my arrival here I have been actively engaged preparing the plans alluded to in my last, in doing which, I am confident you will hear from Mr. Douglas, there has been no want of energy on my part. “The Fires” broke out this season earlier than usual, viz. on the 12th of July, giving me only

18 clear days; notwithstanding this disadvantage I have surveyed the “fur trade reserve,” and am now occupied with the Puget Sound, tracings of which with my report on these districts I shall forward (the) moment they are complete. Mr. Douglas has shewn since my arrival a disposition to assist as much as possible; we have some difficulty in finding men sufficiently active and intelligent, to act as chainmen...Immediately after the annual rain has ceased, the undergrowth of Fern, brush, wild peas etc., in the woods is comparatively low, later in the season it grows to a considerable height, often over one's head. Every exertion should therefore be made to forward the survey immediately after the rain has ceased. There has been but a single shower since my arrival, and from inquiries I have made, even in wither I hope to make considerable progress...”

“You will shortly be able to judge at what rate I am able to progress singly, and should you hereafter think it desirable to increase the means at my disposal, I think you will not altogether disapprove of the Pupil system, in which in a great measure, I believe consists the secret of the dispatch with which English Engineers usually execute their engagements. You will also recollect how very indifferently Capt'n Grant's assistant, who had nothing at stake, turned out, and I can assure you that any Engineer has a great deal of trouble, often amounting to annoyance, to make such recruits of service.” (A6/120:MF47 p.15)

*A. Barclay Esq, etc etc
September 11, 1851
Fort Victoria.
Vancouver's Island*

*Dear Sir
I beg to enclose to you my Report on the Victoria District, with map of Victoria and Esquimalt districts, sketches of the principal timbers etc, and shall [be] much obliged by your placing same before the Governor and Committee at your convenience. I have likewise procured a box of specimens [margin: specimens] of rocks and soils, to which I would particularly invite your attention, as such remittances might be made in time to form an interesting Geological Cabinet.*

*I remain etc.
Signed J. D. Pemberton*

PS. The tracings are unavoidably rough: the error into which they would be most likely to lead an artist or London draughtsman is executing the trees on too large a scale, thereby making the content of land appear very much less than it is – this is a point of much importance, and I would earnestly request the gentleman who shall copy these tracings to consult the execution of an Irish Ordnance map of the same scale, so as to correct me in this and some other particulars. In copying these maps the grouping should be preserved, but the artist should have considerable latitude in other respects.
(A6/120:MF47 p.16)

Why is this map so important?

5 Locker L isn't just a large, pretty map, and it isn't the oldest map of the south Island. In 1842 Douglas and Aldolphus Lee Lewes made up a sketch map of the south portion of Victoria from Cadboro Bay to the east around the tip and over to Portage Inlet on the west. 5 Locker L happens to be the oldest original map in the LTSA collection. Pemberton's reference to "tracings ... sent along with soil and mineral samples" implies we have the original. What makes this map so interesting is that it and various samples - soil, mineral, vegetation etcetera - were prepared by a surveyor who meant not only to enlighten the HBC of the Cadastral extent of their property on Vancouver Island and Douglas Treaties, but also to be prepared in order to persuade British subjects to colonise Victoria.

"It is the opinion of the Governor and Committee that the first objects of survey should be the district around and westward of Fort Victoria, comprehending the tract of country with the natives of which Mr. Douglas has made arrangements in regard to any right which they may have supposed they possessed..."

"In making your surveys you will keep in view that they will form the materials or groundwork out of which an accurate map of the island is afterwards to be constructed on the principle stated in the memorandum prepared by you, and as the main object for which these surveys are undertaken is the colonization of the Island,



5 Locker L, Surveyor General Division of Land Title and Survey Authority

you will be careful to note the external features and geological formation of the several localities which you examine, mentioning the nature and qualities of the soil and subsoil, the different kinds of timber and other vegetable productions, and, in short, all such particulars as it may be useful for settlers to be informed of."

Pemberton was also to take charge of the Register of all grants and transfers from one individual to another. (A6/120:MF47 p.8)

In spite of delays, norovirus, extortion plots and one of the most ravaging fires in San Francisco's history, Joseph Despard Pemberton made it to Vancouver Island to become our first Surveyor General, and this plan of Victoria District and part of Esquimalt became the first of many produced by Pemberton and his staff. ❖

Footnotes

1: Ruggles, Richard I. A Country So Interesting: The Hudson's Bay Company and Two Centuries of mapping, 1670-1870. McGill-Queens University Press, 1991, pp 95-96

*Provincial Archives of Manitoba, H.B.C. Archives, J.D. Pemberton's Correspondence A6/120: Microfilm 47 (Transcribed)

114th Annual General Meeting and Continuing Professional Development Days

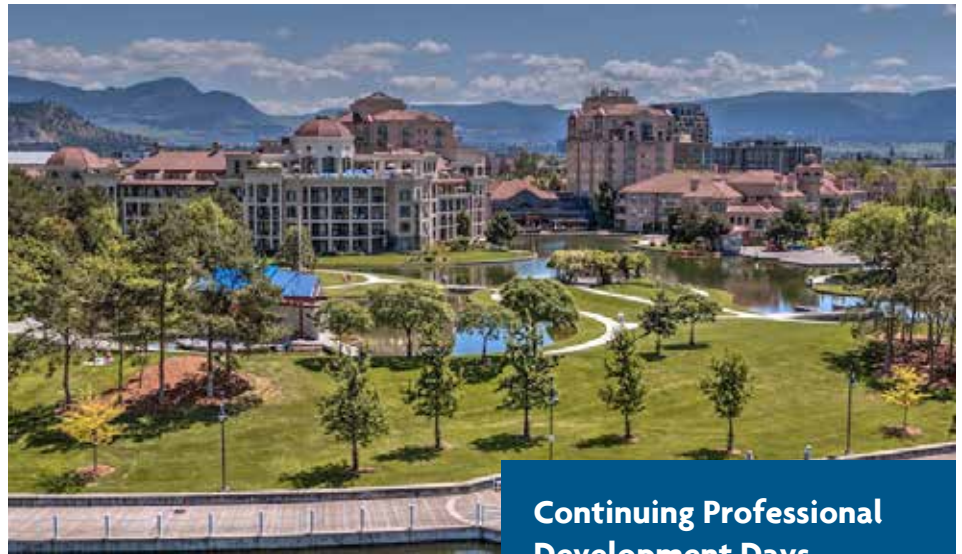
On behalf of President Roger Galibois, we would like to invite you to attend the ABCLS Continuing Professional Development Days (March 20 and 21) and the 114th AGM (March 21 and 22) at the Delta Grand Okanagan Resort. This is your opportunity to attend some really great CPD events, be informed, and participate in decision making at the annual general meeting and join with others in celebrating the accomplishments of land surveyors and students in the past year.

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If you wish to reserve your accommodations, the Delta is set up and ready to accept your call. The room rates begin at \$172/night. The room block reserved for the Association will be dropped as of **February 28, 2019**, so please book as soon as possible to ensure that you get a room. You must specify the event name: **Association of BC Land Surveyors** to access negotiated rates.

*Please note that self-parking overnight will be **free of charge** for our group.*

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Registration information will be forwarded by email early in 2019 and will also be posted on our website.

Continuing Professional Development Days

The CPD Committee is hard at work planning seminars and presentations which will include the keynote address titled “Marijuana in the Workplace” delivered by Lynsey Gaudin, MLT Aikins LLP. Other seminar topics include Survey Case Law, Precise Point Positioning, Insurance in Retirement & Cyber Security, Contracts, Ethics, Student Session and The Future of Professional Oversight in BC.

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Partner Programs

Some of the Partner Programs available during the ABCLS AGM/CPD Days will include the Okanagan Rail Trail, wine tasting and lunch at a winery, downtown Kelowna walking tour, lyengar yoga and a craft workshop.



So What Now? The Implications of Medical & Recreational Marijuana in the Workplace

Wednesday – 8:00am to 9:00am
Lynsey M. Gaudin



Lynsey's presentation will provide an overview of cannabis basics and some current statistics on use both generally and in the workplace. She will provide a current update on the state of the law regarding impairment testing and the extent of employer and employee responsibilities in the workplace when it comes to both medical and recreational cannabis use.

Presenter: **Lynsey Gaudin** is a lawyer with a practice which focuses primarily on labour and employment matters, and also includes advising employers on collective agreement interpretation, collective bargaining, workplace policies, discipline and discharge, and employment contracts. She also has experience with labour and employment arbitrations, trials and appeals. Additionally, she practises in the area of professional regulation and administrative law.

She prepares and advises on guardianship applications, wills, powers of attorney and health-care directives and advising on the administration of estates. She has represented clients at the Saskatchewan Court of Queen's Bench, the Saskatchewan Court of Appeal and the British Columbia Supreme Court.

Continuing Professional Development Days • Kelowna - March 20 to 21, 2019 • Delta Grand Okanagan Resort

Survey Case Law

Wednesday – 9:00am to 12:00pm

Dr. Brian Ballantyne



This session will examine:

- Recent survey case law that affects the land surveyor's day-to-day work with much discussion
- Rectilinear bounds and title issues (six cases since 2011)
- Riparian bounds (six cases since 2000)
- Other case law that is merely good to know – superficial discussion (nine cases since 2010)

Learning Outcomes:

- Know (and know how to apply) survey and boundary principles.
- Interact in real-time problem-based discussion.

This half day seminar will feature an in-person learning experience in a seminar format with references and a copy of the slide presentation made available for attendees.

Presenter: **Dr. Brian Ballantyne** is a surveyor/lawyer who focuses on land tenure reform and boundaries. He works with the Surveyor General Branch of NRCan; and worked with Challenger Geomatics, City of Calgary, University of Calgary, University of Otago, Grand River Conservation Authority and City of Burlington. He has advised on litigation/mediation issues; has worked in New Zealand, Brazil and Russia; and publishes/presents widely.

Precise Point Positioning

Wednesday – 1:00pm to 2:30pm

Brian Donahue

CSRS-PPP – Transitioning to a Modernized Positioning Service in Canada



The Canadian Geodetic Survey (CGS) of Natural Resources Canada (NRCAN) introduced the CSRS-PPP online positioning service in 2003. Since that time well over 2 million GNSS observation files have been submitted to the service and processed using the GPSPACE software package. This software has proven to be very reliable and has undergone many incremental improvements over the past 15 years. Nevertheless, in order to keep pace with the rapidly evolving changes in GNSS signals, constellations, and processing options, the NRCAN CSRS-PPP service underwent a major upgrade in August 2018. At this time GPSPACE was replaced by a modern and flexible positioning software called SPARK. This seminar presented by the Canadian Geodetic Survey will describe the current state of the CSRS-PPP service, the motivation for the August 2018 service upgrade, and look ahead at some future plans to improve the service.

Presenter: Brian Donahue has worked with the Canadian Geodetic Survey, Natural Resources Canada for the past 20 years. He is currently the team leader of the Geodetic Integrated Services Unit which is responsible for the operation of the CSRS-PPP service

Insurance in Retirement & Cyber/Privacy Liability

Wednesday – 1:00pm to 2:30pm

Mark Sampson



This highly entertaining presentation is a “must see” as you will gain valuable insight on the exposures you face as a professional land surveyor when you retire or sell your business. In addition, the seminar will outline other types of insurance products that are available to protect you, your employees, and your business. The topics covered will include:

Retirement or Sale of your business

- The impact to your future liability if selling your business “assets” vs selling your business “liabilities/shares”
- Retirement Coverage – what insurance protection do land surveyors need when they retire? What is available in the insurance marketplace?
- How can the Surveyor protect themselves and their estate from liability upon retirement or sale of their business?
- Claims examples of suits brought against land surveyors that have retired from practice

Other Insurance Products that Land Surveyors need to protect their business:

- Cyber and Privacy Liability Insurance
- Directors & Officers Insurance including Employment Practices Liability (wrongful dismissal, sexual harassment, workplace violence, etc.)
- Business Insurance – insurance for field equipment, general liability, business interruption, UAVs

Presenter: **Mark Sampson, BBA, FCIP** is the Senior Vice President of Commercial Insurance for Gallagher Canada. Mark is the insurance broker who is responsible for the professional liability insurance program for Professional Surveyors Canada.

Mark has been in the insurance industry for +20 years and specializes in developing professional association group errors and omissions liability programs.

Gallagher operates in every province and are widely regarded in the insurance industry as one of the leading brokerages for professional liability insurance.

Contracts

Wednesday – 3:00pm to 5:00pm

Dana Gordon, LLB



The presentation will cover when and why you might need a contract, the essential parts of a contract, and tips for preparing one on your own.

Presenter: **Dana Gordon** was called to the British Columbia bar in 2005, and began practicing litigation in a boutique firm, handling cases for commercial clients from varying industries. She then worked in-house at the British Columbia Medical Association, where she was responsible for negotiating and drafting contracts with the provincial government.

Dana was inspired to establish Benchmark Law after several friends and colleagues with small businesses came to her for advice. Knowing that many small businesses lack the ability to afford the typical high cost of retaining a lawyer, she set out to create a firm that provides high quality legal advice without excessive costs.

Dana is committed to ensuring that the firm provides exceptional service, and she works closely with clients to develop long-standing relationships.

Student Session – Students and Land Surveyors in Training Only

Wednesday– 3:00pm to 5:00pm

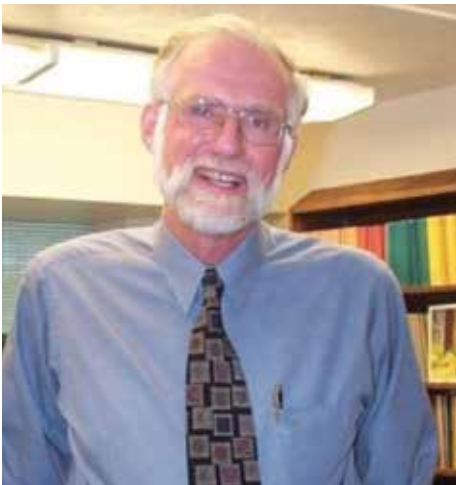
In this student only session, participants will be led through discussion and exercises by BCLS' on a particular topic.

Topics to be offered by the BCLS's are:

- Presentation 1 - Subdivision Applications and Approvals Process
- Presentation 2 - Overview of Stats and Regs Governing Land Surveying
- Presentation 3 - Plan Checking, Signing and Registration
- Presentation 4 - PAI Preparation and Exam Writing Tips and Tricks

Ethics

Thursday – 2:00pm to 3:30pm
Dr. Michael McDonald



Objectives of this Seminar:

1. To create a greater awareness of ethical issues relevant to the work of members by highlighting the Association's Code of Ethics and underlying principles of professional ethics.
2. To underline the importance of professional ethics in the work of members
3. To offer advice on specific ethical issues, especially those discussed in the Code.

Introduction

- Some commonalities between the work of land surveyors and ethicists
- A few words about ethics
- Surveying the current moral terrain for professionals
- What does ethical professional conduct require?
- Key characteristics of a profession
- Essential truths about trust
- What this means for professionals

Focal issues Keyed to the BC Land Surveyors Code of Ethics

- Operating within the public interest
- Maintaining competence and acting competently
- Retaining independence and objectivity
- Relationships with colleagues
- Ethical management of conflicts of interests (COIs) and conflicts of commitments (COCs)
- Providing services provided in a competent and timely manner

Presenter: **Dr. Michael McDonald** was the founding Director of the W. Maurice Young Centre for Applied Ethics (1990-2002). He received an Honours BA in Philosophy from the University of Toronto and an MA and PhD in Philosophy from the University of Pittsburgh. From 1969 to 1990, he was a member of the Philosophy Department at the University of Waterloo.

In 2009, the Canadian Bioethics Society gave its Lifetime Achievement Award to Dr. McDonald for his “outstanding contribution to the Healthcare Ethics in Canada”. In 2006, the Certified General Accountants Association of Canada presented McDonald with the designation of Honorary Certified General Accountant for his contribution to professional ethics education for the Association.

For over twenty years Dr. McDonald has been involved in the study and formation of ethical standards for research involving humans and its governance.

Professor McDonald retired in December 2010. He continues to remain active in research, graduate supervision and ethics consulting.



The Future of Professional Oversight in BC

Thursday – 4:00pm to 5:30pm

Wayne Braid & Kathy McLaughlin



The recently introduced Professional Governance Act will make several changes to how natural resource professions are governed in order to increase government oversight and ensure best practices for professional governance are implemented.

The office of the superintendent of professional governance will be established to ensure accountability, transparency and the highest levels of professionalism are achieved consistently across professions.

Currently, the five regulated natural resource professions in scope for the professional reliance review are each overseen by the following self-governing bodies (professional regulators) mandated by various pieces of legislation overseen by four different ministries:

- BC Institute of Agrologists;
- Applied Science Technologists & Technicians of BC;
- College of Applied Biology;
- Engineers and Geoscientists BC; and
- Association of BC Forest Professionals.

Presenter: **G. W. Wayne Braid** is the former CEO/Secretary of The Society of Notaries Public of British Columbia, having served in that position for over 17 years, a professional self-governing organization whose members provide non-contentious legal services to the people of BC. He is Executive Officer of The Notary Foundation of BC and CEO and Managing Director of the BC Notaries Captive Insurance Co.

He ran successful Autoplan and general insurance agencies in Terrace, Kitimat and Stewart and was Chair of the Northern Insurance Brokers Association for many years and on the Board of the Insurance Brokers of British Columbia.

Senator in Jaycees and Paul Harris Fellow in Rotary are among his many community awards. He was also Coroner, Director of the BC Winter Games and Northern BC Winter Games, and an Elected School trustee.

Wayne opened his Notary practice in Terrace in 1986.



He is a firm believer in higher education. Under his direction the Master of Arts in Applied Legal Studies (MA ALS) postgraduate program was established at SFU in 2008 as part of the education necessary to qualify as a BC Notary.

Presenter: **Kathy McLaughlin** acts as business advisor, facilitator and executive coach to private companies, family businesses, public sector and not for profit organizations. Her areas of specialty include strategic planning, leadership and organizational development, succession planning, management assessment, executive and board recruiting and governance.

2019 AGM CPD Schedule

These seminars are designed for the benefit of all ABCLS members, including LSTs, LSAs, Survey Students and Partners/Spouses

Wednesday - March 20, 2019		Thursday - March 21, 2019
8:00am-9:00am Seminar 1-Keynote Speaker: Lynsey Gaudin Okanagan/South Hall		8:30am-10:00am <i>AGM Business Session</i> Okanagan/South Hall
9:00am-10:00am Seminar 2 <i>Survey Case Law</i> Speaker: Dr. Brian Ballantyne Okanagan/South Hall		
10:00am - 10:30am - Coffee Break		10:00am - 10:30am - Coffee Break
10:30am-12:00pm <i>Survey Case Law (con't)</i>		10:30am-11:30am <i>AGM Business Session (con't)</i>
12:00pm - 1:00 pm - Lunch		12:00pm - 2:00pm - Awards Lunch
1:00pm-2:30pm Seminar 3 <i>Precise Point Positioning</i> Speaker: Brian Donahue Okanagan/South Hall	1:00pm-2:30pm Seminar 4 <i>Insurance in Retirement & Cyber Security</i> Speaker: Mark Sampson Shuswap/Pennask/Skeena	2:00pm-3:30pm Seminar 7 <i>Ethics</i> Speaker: Dr. Michael McDonald Okanagan/South Hall
2:30pm - 3:00pm - Coffee Break		3:30pm - 4:00pm - Coffee Break
3:00pm-5:00pm Seminar 5 <i>Contracts</i> Speaker: Dana Gordon Okanagan/South Hall	3:00pm-5:00pm Seminar 6 Student Session Pennask	4:00pm-5:30pm Seminar 8 <i>The Future of Professional Oversight in BC</i> Speakers: Wayne Braid & Kathy McLaughlin Okanagan/South Hall



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STUDENTS! DID YOU KNOW?

The Regional Groups of the ABCLS offer scholarships for students pursuing post-secondary education in survey related fields.

Regional Group Scholarship Awards

BC Land Surveyors –
Vancouver Island Group
and Association of BC Land
Surveyors – \$1,500 each

These awards are awarded to BCIT Geomatics Engineering Technology students based on a combination of high academic standing, leadership, service and all-round performance in the first year. Additionally, first preference is given to students from Vancouver Island.

BC Land Surveyors – Lower
Mainland Group – \$750 each

One award is presented to a graduate of the Geomatics diploma program at BCIT.

One award is presented to a graduate of the Geomatics degree program at BCIT.

Additionally, the recipient must be employed by a member of the Lower Mainland group.

BC Land Surveyors –
Okanagan-Mainline Group
and Association of BC Land
Surveyors – \$1,500

This award is awarded to a student entering a full time geomatics program at a Canadian College, Technical Institute or University. Additionally, the student must plan to work within the land surveying profession, preferably in BC.

BC Land Surveyors – Kootenay
Group and Association of BC
Land Surveyors – \$1,000

This award is presented to a student entering a full time geomatics program at a Canadian College, Technical

Institute or University. Additionally, the student must plan to work within the land surveying profession, preferably in BC and the student must be from the Kootenay region of BC.

Contact the chair of the regional group nearest you for details regarding eligibility requirements, deadlines, and scholarship amounts. ❖

REGIONAL GROUPS! DID YOU KNOW?

The Career and Public Awareness Committee has a program to help fund Regional Group Scholarships. We will provide up to \$1,000 matching funds to pre-approved scholarships.

Questions? Contact Bev in the ABCLS office for more information.



*“Sometimes it’s
a lonely job.”*

Photo by Doug Dodge

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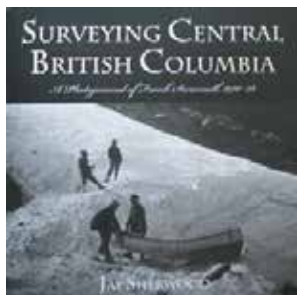


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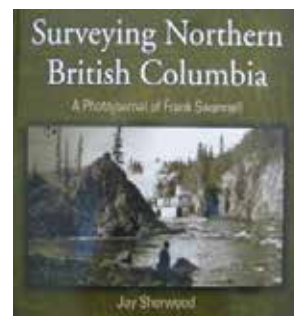
FINANCIAL CONTRIBUTIONS TO THE BC LAND SURVEYORS FOUNDATION

The two primary objectives of the BC Land Surveyors Foundation are to create and maintain a library that houses historical and current reference material related to the surveying industry in British Columbia and financially assist students who wish to pursue careers in surveying by providing scholarships and bursaries.

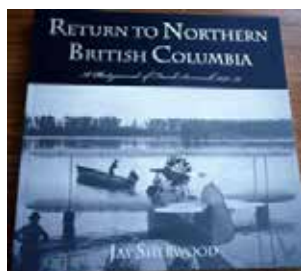
The Foundation has a number of books for sale - consider purchasing them for members of your staff, local schools, or libraries. They will make a wonderful gift and at the same time, your contributions will help support the Foundation. The following books are available from the ABCLS office:



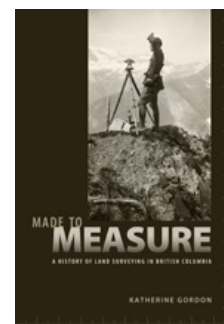
Surveying Central Canada
\$42.00 (taxes included, shipping extra)
Author: Jay Sherwood



Surveying Northern British Columbia
\$30.00 (taxes included, shipping extra)
Author: Jay Sherwood



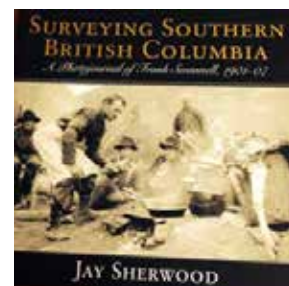
Return to Northern British Columbia
\$42.00 (taxes included, shipping extra)
Author: Jay Sherwood



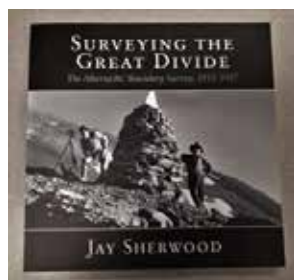
Made to Measure
\$32.00 (taxes included, shipping extra)
Author: Katherine Gordon



Furrows in the Sky
The Adventures of Gerry Andrews
\$21.00 (taxes included, shipping extra)
Author: Jay Sherwood



Surveying Southern British Columbia
\$42.00 (taxes included, shipping extra)
Author: Jay Sherwood



Surveying the Great Divide
\$30.00 (taxes included, shipping extra) Author: Jay Sherwood.

Additional information on these books can be found on the [Foundation/Books for Sale](#) page of the ABCLS website.

The BCLS Foundation Trustees would like to invite all land surveyors to help support these worthy causes through financial contributions. If you are interested and willing to donate, you may contribute by cheque or credit card. You might also like to consider leaving a **Legacy Donation** through your will to contribute to existing scholarships - or to establish a new scholarship in your name. You can do this by stating in your will that the bequest should be made to: *The BC Land Surveyors Foundation, Suite 301-2400 Bevan Avenue, Sidney, BC V8L 1W1*. Donations by credit card can be given by calling our Association office: 250-655-7222. All cheques should be made payable to the BC Land Surveyors Foundation and mailed to the Association office. Please provide your name(s) and mailing address so a receipt can be forwarded to you.

Our thanks to you for helping to ensure the future of the land surveying profession.



**Only a
land surveyor knows
your boundaries.**



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