

## A Message from the President

First of all, let me express my appreciation to the ACLS membership for bestowing on me the privilege of being your president for the ensuing year 2011-2012. As your president, along with a very capable council and ACLS Staff, we will do our absolute best to ensure that the ACLS continues to move forward with our strategic priorities and other association initiatives.

Being President of an association such as ours requires countless hours of meetings, travel and personal dedication. For this reason I would like to express the ACLS's sincere gratitude to our immediate Past President Jeff Fee. While president, Jeff exhibited strong leadership and professionalism – thank you for a job well done, Jeff!!

This September, we will also be saying good-bye to Paul Scott who has served as one of our public members on Council for the past 3 years. Paul has been a valued member of council and has brought much insight and wisdom to our council meetings. We truly thank Paul for all his hard work and dedication over the years and wish him the very best for his future endeavours.

This past June was a very active month. June 4<sup>th</sup> to 7<sup>th</sup> marked the eleventh annual Surveyor on Bike's (SOB's) reunion in Cranbrook, B.C. During this annual event, the SOB's took in a few days of activities surrounding the 2011 David Thompson Brigade canoe trip from Invermere B.C. through parts of Montana, Idaho, Washington and Oregon, eventually to the final destination of Astoria, Oregon at the mouth of the Columbia River. I was honoured to represent the ACLS at the B.C. Montana border crossing event where an international boundary monument was adorned with a commemorative David Thompson plaque. There were numerous other dignitaries in attendance from both Canada and the USA. The ACLS along with several other sister associations helped out by sponsoring some of Brigade Canoes.



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*Left to Right: Kyle Hipsley, Acting International Boundary Commissioner for the USA, Peter Sullivan, Surveyor General and International Boundary Commissioner for Canada, Mike Thomson, Surveyor General and Boundary Commissioner for B.C. and Rick Beaumont, President – ACLS*



*Members, visiting delegates and accompanying persons after a flight aboard Buffalo Air, Yellowknife*

Directly following the SOB's trip, it was off to Prince Edward Island where I had the pleasure of representing the ACLS at the APEILS's AGM which was held at Dalvay by the Sea, PEI – what a spectacular place to hold a meeting. All who attended enjoyed the location, the meetings, the Seminars and the fellowship with the members and visiting delegates. It is my understanding that two weeks later Prince William and Catherine stayed at the same place while visiting PEI.

Then the next week was our National Surveyors Conference (NSC) and AGM in Yellowknife. Congratulations to the conference organizing committee for putting together an outstanding program for both delegates and the accompanying persons. Feedback from our membership was very good and most loved being able to visit and take in the sights around Yellowknife.

Next year's NSC and AGM will be held in conjunction with the Saskatchewan Land Surveyors Association AGM at the Hotel Saskatchewan Radisson Plaza in beautiful downtown Regina from June 6 to 9, 2012.

### **MyCLSS:**

MyCLSS is now up and running and thanks to the very positive response from the membership, the proposed changes to our Bylaws to support MyCLSS were supported with an overwhelming majority and will now go into effect. This excellent practitioner tool/digital process has been made possible as the result of a lot of work and a strong working relationship between the Surveyor Generals Branch and the ACLS.

**Professional Surveyors Canada (PSC):**

Professional Surveyors Canada is a young organization that needs our support to grow and become a viable and successful organization. The PSC has been created as a national body that will support and promote the survey industry in Canada. Although membership is voluntary, I would urge you as professional land surveyors to join the PCS and help it to flourish. The cost of membership is only about \$0.50/day – how can you not join! For more information on the PSC go to: <http://www.psc-gpc.ca/surveyors/>

**Labour Mobility:**

We continue to work closely with our sister associations on the Labour Mobility issue. Currently, we are in discussions with the other associations to have the subject of Hydrographic Surveying put back into the core subjects for CBEPS students. This will ensure that survey students who come through the CBEPS process will have a better background in Hydrographic Surveying. Due to the fact that so much of Canada's borders deal with water boundaries, we feel that Hydrographic Surveying is very important to us as an association and to the protection of the public. We hope to have this finalized by the fall of 2011.

**On line On Demand Professional Examinations:**

In August we initiated our "On-Line On Demand Professional Examinations" for candidates with a commission in good standing from other provincial survey jurisdictions who wish to become a Canada Lands Surveyor. This on line system will make it very easy for a candidate to apply and take the required professional exam.

**Mandatory Continuing Professional Development (CPD):**

It is now mandatory that all ACLS license holders track their professional development. Therefore in August the ACLS launched the online CPD Tracking System that allows members to easily keep record of all CPD hours that they have accumulated. First indications are that the tracking system works very well and is already being used by many of the members. This is a good thing we have. Thanks go out to the CPD Committee members and all those involved in making this process a success.

In closing, this is starting to look like a very interesting upcoming year, with lots of work for your council and various committees to do.

Challenges are good and change brings on new challenges!!!

Best regards

Rick Beaumont, CLS, ALS (ret)  
President

***Summary of Council Meetings******August 4th, 2010: teleconference***

- Council approves noting the checklist numbers on plans as part of helping MyCLSS run smoother

***October 13th, 2010: teleconference***

- Council recommends the membership vote on the approval of the new bylaw amendment to implement Mandatory CPD beginning on January 1, 2010.
- Council agreed ACLS will donate \$1,000 to the David Thompson Brigade.
- Council agreed ACLS will decline going ahead with the proposal to gather and donate old survey equipment with thanks due to financial constraints. It was recommended that the request is forwarded to Professional Surveyors Canada.

***November 25-26, 2010: Face to Face Meeting***

- Council approves the new guidelines for project reports.
- Council approved a fee structure for marking on-line exams and an honorarium for Board of Examiner members for added tasks.
- Council agrees that the members of the Complaints Committee are confirmed.
- Council approves contracts with Fairmont be accepted for NSC 2014 and NSC 2015.

### ***January 11th, 2011: teleconference***

- Council approved the annual report for the year 2009-2010.
- Council agreed on the recommendation of the Board of Examiners that a Canada Lands Surveyor Commission will be offered to the following candidates:
  - Lucas Cairns, Fort St. John, BC
  - Ryan Gordon, Grand Prairie, AB
  - Abéné Rissikatou, Gatineau, QC
  - Ryan Schuler, Medicine Hat, AB
  - Peter Srajer, Calgary, AB
  - Kelly Stofer, Sidney, BC
  - David Storback, Prince George, BC
  - Kyle Titus, Calgary, AB and
  - David Amantea, Calgary, AB
- Council approved the appointment Bill Edgerton as the new Chairperson for the ACLS Complaints Committee.
- Council approves having 6000 new membership cards and receipts printed.

### ***March 15th, 2011: teleconference***

- Council approves the Canada Lands Surveyors Regulations amendments as shown in the Regulations amendment package bearing number R-10-01 dated May 17th, 2010 which was approved by the Association membership on June 28th, 2010.
- Council approved the new section on Quality Assurance to be added to the Practice Manual.
- As a result of complaints case 10-01 Council agrees that the complaint be dismissed provided that a letter be sent to the surveyor and that the surveyor be subject to a practice review for 2 years.

### ***April 18th, 2011: teleconference***

- Council approves the new Log of Experience spreadsheet for candidates applying for a license.
- Council approves the revised SGB-ACLS MOU.

### ***May 11th, 2011: teleconference***

- Council approves the proposed bylaw amendment package for implementation of the mandatory checklist.
- Council agreed on the recommendation of the Board of Examiners that a Canada Lands Surveyor Commission will be offered to the following candidates:
  - Benson Agi, Ottawa, ON
  - Ryan Baete, Calgary, AB
  - Lee D. Chaulk, Halifax, NS
  - Jeremy Howden, Calgary, AB and
  - Rory O'Connell, Victoria, BC

### ***May 27th, 2011: teleconference***

- Council agrees that the 2013 Conference will be held in Niagara Falls, Ontario in the Crown Plaza Hotel.
- Council approves the bylaw document to send to membership with revisions, including changing the effective date of the bylaw to August 1, 2011 for the implementation of the mandatory electronic checklist.

## ***Executive Director's Notes***

### **Scholarships**

Our scholarship program, funded by the ACLS Foundation Inc., strives to both encourage and provide financial reward to students who are currently pursuing a degree or a diploma in the field of geomatics. Three scholarships of \$1,500 each are available annually. One scholarship is specifically targeted to an aboriginal student that meets the eligibility requirements.

The scholarship program is able to continue because of generous donations of our members and our annual fundraiser of a silent auction at the National Surveyor's Conference. This year at the silent auction in Yellowknife we raised \$2,496.00!

This year the recipients of the scholarships were:

- Stépanie Boily of Cégep Limoilou, Québec, QC
- Pier-Olivier Morin of Laval University, Québec, QC
- Francis Guindon of Laval University, Québec, QC

## New CLSs

The following individuals were awarded CLS Commissions as a result of passing their last exam at the October 2010 and March 2011 exam sittings: Abéné Rissikatou, Gatineau, QC; Ryan Thomas Gordon, Grande Prairie, AB; David James Amantea, Lethbridge, AB; Kelly Stofer, Sidney, BC; David E. Storback, Nanaimo, BC; Peter Srajer, Calgary, AB; Ryan Schuler, Medicine Hat, AB; Douglas Lucas Cairns, Fort St. John, BC; Kyle Titus, Calgary, AB; Ryan Lee Baete, Calgary, AB; Jeremy D. Howden, Calgary, AB; Benson Agi, Ottawa, ON; Lee David Chaulk, St. John's NL; and Rory O'Connell, Victoria, BC.

## Blueprint for the Future

ACLS regularly participates in the career fair Blueprint for the Future. This is a series of national career fairs designed to attract First Nation, Métis and Inuit high school students to the wide array of potential careers available in all employment sectors organized by NAAF (National Aboriginal Achievement Foundation).

Because of the dedication of volunteers running the ACLS booth, we were able to participate in Blueprint for the Future in Calgary on October 26<sup>th</sup>, 2010 and in Halifax on May 3<sup>rd</sup>, 2011.

## National Surveyors Conference 2011



*New CLSs David Young, Robert Cream and Ryan Gordon proudly displaying their commissions*

The latest National Surveyors Conference was held from June 21<sup>st</sup> to 24<sup>th</sup>, 2011 in Yellowknife, Northwest Territories. The Conference was a success with over 100 delegates attending. The Conference managed to delight both delegates and accompanying persons with the variety of opportunities presented to them.

The following members were elected to the ACLS Council positions by acclamation: Rick Beaumont, President and Ivan Royan, Vice President. Gord Stark won his election as a first year Councilor by majority ballot. The rest of council will continue as follows: Past President, Jeff Fee; Councilors, Estelle Moisan and Bruce Hewlko; Lay Councilors, Zakary Hargrove and Paul Scott; and Surveyor General, Peter Sullivan.

New CLS Commissions were presented to the following people at the Gala Dinner: Benson Agi of Ottawa, Ontario; Ryan Baete of Calgary, Alberta; Robert William Cream of Drayton Valley, Alberta; Ryan Thomas Gordon of Grande Prairie, Alberta; Rory O'Connell of Victoria, British Columbia; Nathan Jozef Sikkas of Calgary, Alberta; Benjamin R. Giebrecht of Hinton, Alberta; Morley Seis of Regina, Saskatchewan; David M. Young of Hamlet of Sherwood Park, Alberta; Shahard Zelli of Edmonton, Alberta; and David James Amantea of Lethbridge, Alberta.

The technical program was divided into a number of sessions and workshops.

**Aboriginal Land Claims** was presented by Stephen Kakfwi

**Natural Boundaries** was presented by Steve Rogers and Varick Ollerhead

**Getting it Right** was presented by Brent Taylor

Getting it Right is a quality control CPD seminar developed for the land surveying community. This was the first in a series of seminars that will appeal to land surveyors and their staff, providing an opportunity to learn together in a team

environment. This version was inspired from both the ALSA and ABCLS seminars but adapted to CLSs. Topics that were discussed at this first module were the following:

- Introduction
- Professional Supervision and Responsibilities
- Project Set up

Binders with useful inserts were handed out to participants.

**The Role of the Surveyor in a Canadian National Parcel Map** was a workshop presented by Alex Miller, David Gariepy, David Horwood, and Bill Martin as well as a selection of panelists. The objective of this half day workshop was to engage the Canadian surveying community in a "national discussion" around the need for a national parcel map in Canada as well as the potential for land surveyors to be active participants in the creation, maintenance and use of a Canadian parcel map.

## ***National Surveyors Conference 2012***

Next year's conference will be held in Regina, Saskatchewan from June 6<sup>th</sup> to 8<sup>th</sup>, 2012 at the Hotel Saskatchewan, Radisson Plaza. This Conference will be held in conjunction with the Saskatchewan Land Surveyors Association's AGM.

## ***David Thompson National Geomatics Awards***

The fourth annual David Thompson National Geomatics Awards were presented at the Gala Dinner of the National Surveyors' Conference, June 24<sup>th</sup> at the Explorer Hotel in Yellowknife, Northwest Territories.

Winning the "Innovation in Geomatics" category was McElhanney Associates (Jim Christie, BCLS, CLS) for the project entitled "GPS Monitoring of BC Place Stadium Roof". Finalists were Underhill & Underhill (Christopher El-Araj, BCLS) for the project entitled "Science World" and the MMM Group (Rocky Annett, ALS, CLS) for the project entitled "The BOW".



In the category "Contribution to Society", the winner was MMM Group (Murray Shantz, OLS) for the project entitled "Holy Cities". The finalist was GENIVAR (Brandon MacDonald, NBLs) for the project entitled "New Brunswick Wind Farm".

In the category "Unusual Application in Geomatics", the winner was McElhanney Associates (Jim Christie, BCLS, CLS) for the project entitled



"Capilano Suspension Bridge". The finalists were Underhill & Underhill (Christopher El-Araj, BCLS) for the project entitled "Science World" and the MMM Group (Rocky Annett, ALS, CLS) for the project entitled "The BOW".

*Photos: ACLS President, Richard Beaumont, presenting plaques to winners left: Jim Christie, and right: Rocky Annett accepting for Murray Shantz*

The David Thompson National Geomatics Awards Program is open to all commissioned surveyors who are members of a Canadian surveying association, submitting projects that have been completed within the last three years.

The Association of Canada Lands Surveyors (ACLS) introduced the David Thompson National Geomatics Awards Program in cooperation with all professional surveying associations across Canada through the Canadian Council of Land Surveyors (CCLS) (Now Professional Surveyors Canada (PSC)).

For details on the David Thompson National Geomatics Awards Program, please visit: <http://www.acls-aatc.ca/en/node/27>

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## GeoEd

The CPD Committee has developed an Internet portal called "GeoEd" to facilitate the distribution of web-based learning opportunities and provide a forum to post all things educational regarding learning opportunities for our members. The portal is available on-line at: <http://geoed.pro/>. The Committee also drafted an instruction manual entitled "The Registered Providers Guide" which is posted on the Internet portal. This guide provides information to help potential course providers to have access to our portal.

We have set up a National Committee for Distance Learning which is composed of representatives from CPD Committees of all surveying associations across Canada. With today's economic challenges we are faced with having to find distance learning solutions that are cost effective, so our hope is to get support from all surveying associations to make this truly national.

**GeoEd** Continuing Professional Development for Canada's Professional Land Surveyors Online Distance Education

Home Purpose Vision Portal Cooperative Forum Courses

**Geomatics Education Canada**

This website is a cooperative of Canada's Provincial and Federal Professional Land Surveying Associations for the purpose of advancing Continuing Professional Development of Canada's professional Land Surveyors.

A Memorandum of Understanding (MOU) on Developing National Learning Opportunities for Canada's Land Surveyors was entered into by all of Canada's Associations on October 24, 2006. The CCLS was originally designated overseer of the initiative, but since the CCLS had more pressing issues, responsibility was passed to the Continuing Professional Development Committee of the Association of Canada Lands Surveyors.

**1.0 Purpose**

GeoEd is the development of distance education as an integral part of a Continued Professional Development program for Canadian Land Surveyors;

GeoEd is a cooperatively developed and maintained Internet portal that enables the distribution of web-based distance learning initiatives and provides a forum for sharing learning opportunities on a regional and national basis;

This website is cooperative approach towards the development of national learning opportunities;

The purpose of this website is to meet the goals of the MOU by distributing web-based distance learning courses, and providing a forum for sharing learning opportunities on regional and national basis.

**2.0 Vision of Distance Education**

In its broadest sense, distance education is the pursuit of continuing professional development, from any location, at any time, and at the pace of the individual learner. Within the context of the MOU, it is the ultimate in flexibility

Screen shot of welcome page of the GeoEd Internet portal

Soon there will be pilot courses available online.

The ACLS Board of Examiners has the intention of using this portal to present distance learning courses to help its candidates study for its Professional Exams. The future seems very promising.

## Surveyor in a Crate



*Jeff Fee, Past President of ACLS, presents the Surveyor in a Crate to Rachell Simmons, principal of William McDonald Middle School in Yellowknife*

Surveyor in a Crate is a teachers' resource kit to be used in classrooms across the country to illustrate the use of geometry in real life situations and at the same time introduce students to surveying in a fun way by playing games.

This is a career awareness initiative to get high school and middle school students interested in surveying by being exposed to surveying tools and problems in the classroom. A similar initiative has been very successful in Alberta.

The philosophy of this package is that science and mathematics are best taught in an integrated forum. This includes integrating general objectives such as creative and critical thinking, communications, personal values and numeracy into the package.

The philosophy behind this package

layout was to include enough information about each of the activities, demonstrations and projects to give teachers without a land surveying background some level of comfort before undertaking them in their classrooms. A background section is included to give some additional information and perhaps an approach to some of the activities.

Some examples of the activities that are included in the crate are:



### Build a Railroad

Students use a contour map to plot the best route for either a railroad track or a super highway from one city to another. Students must take into account the restrictions that apply to changes in the slope allowed for each of the different transportation methods.

### CSI Surveyor

Students take the role of a forensic surveyor trying to reconstruct an automobile accident. They measure skid marks and calculate the speed of the cars.

### Human GPS – Mapping your Classroom

This demonstration using three ropes simulates the workings of a Global Positioning System (GPS). Students use the rope system to map the location of their desks and create a map of the classroom.

## The Lost Monument

Students form teams of surveyors working either outdoors or in a large room such as a gymnasium. They first lay out survey monuments using simulated surveyor chains. The locations of some of their survey monuments then become confused so they must use other measurement systems to relocate them.

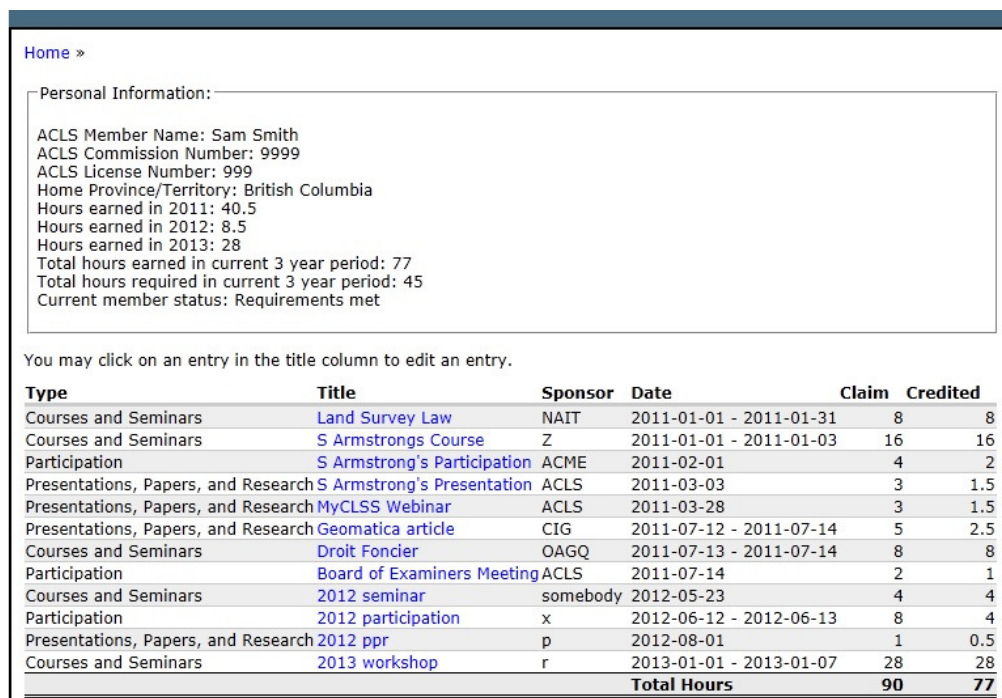
The first Surveyor in a Crate was presented to William McDonald Middle School in Yellowknife during the National Surveyor's Conference 2011 and is expected to circulate through schools in the area. ACLS will have 3 more Crates to circulate throughout the rest of the country.

## Mandatory CPD and Tracking System

Since announcing that Continuing Professional Development had become mandatory for all ACLS license holders, ACLS has been working to make keeping track of hours easier.

Now ACLS has launched a CPD Tracking System that allows members to easily keep a record of all CPD hours that they have accumulated. The tracking system is available when you log into the ACLS website ([www.acls-aatc.ca](http://www.acls-aatc.ca)). It will show up on you menu as "My CPD Hours".

For a more in-depth look at how to use the new system and what it features, please download the User Manual which is available at <https://www.acls-aatc.ca/en/node/239>



The screenshot shows a web interface with a 'Home »' link at the top. Below it is a 'Personal Information:' section containing the following text:

ACLS Member Name: Sam Smith  
ACLS Commission Number: 9999  
ACLS License Number: 999  
Home Province/Territory: British Columbia  
Hours earned in 2011: 40.5  
Hours earned in 2012: 8.5  
Hours earned in 2013: 28  
Total hours earned in current 3 year period: 77  
Total hours required in current 3 year period: 45  
Current member status: Requirements met

Below the personal information is a note: "You may click on an entry in the title column to edit an entry." This is followed by a table with the following columns: Type, Title, Sponsor, Date, Claim, and Credited.

Type	Title	Sponsor	Date	Claim	Credited
Courses and Seminars	<a href="#">Land Survey Law</a>	NAIT	2011-01-01 - 2011-01-31	8	8
Courses and Seminars	<a href="#">S Armstrongs Course</a>	Z	2011-01-01 - 2011-01-03	16	16
Participation	<a href="#">S Armstrong's Participation</a>	ACME	2011-02-01	4	2
Presentations, Papers, and Research	<a href="#">S Armstrong's Presentation</a>	ACLS	2011-03-03	3	1.5
Presentations, Papers, and Research	<a href="#">MyCLSS Webinar</a>	ACLS	2011-03-28	3	1.5
Presentations, Papers, and Research	<a href="#">Geomatica article</a>	CIG	2011-07-12 - 2011-07-14	5	2.5
Courses and Seminars	<a href="#">Droit Foncier</a>	OAGQ	2011-07-13 - 2011-07-14	8	8
Participation	<a href="#">Board of Examiners Meeting</a>	ACLS	2011-07-14	2	1
Courses and Seminars	<a href="#">2012 seminar</a>	somebody	2012-05-23	4	4
Participation	<a href="#">2012 participation</a>	x	2012-06-12 - 2012-06-13	8	4
Presentations, Papers, and Research	<a href="#">2012 ppr</a>	p	2012-08-01	1	0.5
Courses and Seminars	<a href="#">2013 workshop</a>	r	2013-01-01 - 2013-01-07	28	28
<b>Total Hours</b>				<b>90</b>	<b>77</b>

*A screenshot of a sample summary of all CPD hours that a user has accumulated*

If you don't hold an ACLS license, you are still welcome to use the system as a tool to track your CPD activities as it is available to all members.

A number of members have already started to use this system and ACLS has received good feedback

*"I appreciate the ability to keep track of these CPD hours online. It will make it easier to track the hours as I earn them, rather than trying to fill in the form at the end of the year while trying to remember what the seminar was about or how long it was. Thank you and good job on the website" – Calvin Bourassa, CLS, SLS*

## **Labour Mobility**

### **Hydrography**

The Hydrographic Surveying subject has been part of the Common Core Syllabus since early 1980's. Because it is a large part of the CLS jurisdiction, when the CCLS was seeking approval for the new national syllabus the ACLS expressed its opposition to having Hydrographic Surveying removed from the core syllabus. However, the ACLS supported the new national syllabus with the understanding that the Hydrographic Surveying subject would be a professional requirement for CLS candidates. This understanding was clearly expressed and acknowledged by all parties at the time. This is a quote from the CCLS Labour Mobility Coordinating Committee meeting minutes of Oct 8, 2009:

*"ACLS Council decided to go ahead with the half-day examination plus a hydrography examination if the candidate does not have hydrography competencies. This was discussed briefly and was framed as a scope of practice issue where the CLS scope of practice differs from a provincial scope of practice."*

Canada has the world's longest coastline and its continental shelf covering 3.7 million square kilometres (2nd largest in the world). Over 60% of the ACLS jurisdiction lies beneath our oceans. Therefore, Hydrographic Surveying is as fundamental to the CLS profession as is photogrammetry or remote sensing, both of which are core subjects in the national syllabus. The CLS works in a unique geographic context. As such, it is essential that the CLS is qualified to conduct surveys on both land and in the marine environment. Most importantly, the ACLS must ensure that the public is being protected in all areas of our jurisdiction, including the offshore and especially marine safety.

Why, given the current pressures on the profession, does the land surveying community in Canada seem to be pushing aside the opportunity to work in the marine environment by classifying hydrography as an elective area of study? Regardless, it was done by CCLS, and ACLS agreed to it under the proviso that a full hydrographic examination would still be required at the professional level. This ensured that the jurisdiction would be well supported at least by the ACLS. Labour Mobility changed this context. So we now have a potentially dangerous situation. One can argue that professional ethics should prevent surveyors from getting involved with work that they are not qualified for. This may be true, however, there still needs to be some assurance that there is a base level of education for each key subject area, including hydrography. Reducing the examination process to a few random questions will not accommodate this.

The ACLS was founded on the need to have a professional body responsible for the offshore environment. It could be argued that the ACLS should be doing more not less to ensure that this jurisdiction is well served. Particularly given the fact that activity is expected to increase as the search for sources of energy expands, the Arctic ice retreats and multiple uses of the offshore create the need for a system of rights management. I would suggest that backing away from this jurisdiction, particularly now will not do much to support the ACLS claims to be the professional body responsible for the Offshore.

### **Online Exams**

The ACLS has a new on-line, on-demand Web based exam system to allow those candidates who have a provincial surveying commission to earn a Commission as a Canada Lands Surveyor. All candidates are required to write a 4 hour professional exam incorporating the following subjects:

- Acts, Regulations and General Instructions for Surveys
- Property Rights on-shore
- Property Rights offshore
- Aboriginal Government Issues

Since in the National Surveyors Syllabus, the subject Hydrographic Surveying has been moved from the Core list of subjects to the list of Electives, the ACLS has implemented a process to make sure that all CLSs have academic training in hydrographic surveying. This does not affect candidates who applied before January 1<sup>st</sup>, 2011. The process stipulates that candidates who applied on or after that date and who do not meet the hydrographic requirement will have to successfully complete the new on-line hydrographic surveying examination.

At this time, all surveying associations are discussing moving Hydrographic Surveying back to the Core list of subjects in the Syllabus. If that happens, the hydrographic surveying requirement will be dropped. So in the meantime, we are suspending the use of the on-line hydrographic surveying examination system. We anticipate the end of these discussions this fall. Candidates who do not meet the hydrographic surveying requirement can still take the CLS on-line professional examination but will not be issued a CLS Commission until the one of the following scenarios happens:

- Subject Hydrographic Surveying is moved to the list of Core subjects in the National Surveying Syllabus;
- Subject Hydrographic Surveying is not moved to the list of Core subjects in the National Surveying Syllabus, but candidates pass the on-line hydrographic surveying examination.

Candidates with a provincial commission who successfully wrote 1 or 2 of the standard CLS exams have a choice to make; either continue writing the standard twice a year exam or take the on-line, on demand CLS Professional Examinations.

For complete descriptions of the exams, recommended study materials and detailed explanation of the on-line examination procedures, please download the Candidate Information Handbook (PDF) at: [https://www.acls-aatc.ca/files/english/exams/ACLS\\_Candidate\\_Manual.pdf](https://www.acls-aatc.ca/files/english/exams/ACLS_Candidate_Manual.pdf)

The online exams were greatly anticipated by those who are applying as candidates. The ACLS already has an application to write the online exam!

## ***Mandatory MyCLSS***

We are glad to announce that the new MyCLSS website has been launched and the use of the electronic checklist application is now mandatory for ACLS Licence holders. The MyCLSS website includes on line tools for requesting survey instructions, completing a customized checklist for most Survey Documents that you prepare for submission to the Surveyor General and updating of your contact information for use by the ACLS and the Surveyor General Branch. The MyCLSS website also has links to all the common sites that you would typically use during the course of preparing a Survey Document for submission to the Surveyor General making it a convenient single resource site for Canada Lands Surveyors and their staff.

To help members quickly familiarize themselves with the website, a user manual and a PowerPoint are available on the MyCLSS web site. Click on "Help" at top right of the page. As well, a webinar was presented on March 31st and is now available on YouTube at the following address:

<http://www.youtube.com/watch?v=2jtmLQpyuEk&playnext=1&list=PL4A9EB8EAE83353A6>

If an electronic checklist is completed, the Surveyor General Branch will perform a review of critical items only. If the plan conforms to the requirements, it will be recorded in the CLSR.

To access the website click on: [www.myclss.ca](http://www.myclss.ca)

## ***"Survey, Parcels and Tenure on Canada Lands"***

Replacing the old "Property Rights Manual", "Survey, Parcels and Tenure on Canada Lands" is an updated property rights book that is edited by Dr. Brian Ballantyne. It is available through the ACLS website at: [http://www.acls-aatc.ca/files/english/books/CanadaLands\\_E.PDF](http://www.acls-aatc.ca/files/english/books/CanadaLands_E.PDF)

## ***Mount Gerry Andrews***

To commemorate the legacy of Gerald Smedley Andrews, British Columbia's longest-serving surveyor general, the Province of British Columbia is naming a mountain in the Flathead region Mount Gerry Andrews.

A true British Columbian, Gerry Andrews contributed to his community as a teacher, an engineer, a forester, a land surveyor and a writer. He pioneered the use of aerial photography for mapping and forestry reconnaissance in B.C. and is regarded as a legend among surveyors for both his contributions to the profession and his force of personality. Among his many honours, he has received the M.B.E. (Member of the Order of the British Empire).

#### KEY FACTS:

- Mount Gerry Andrews is located in the Flathead region, just east of Howell Creek in the Kootenay Land District.
- The mountain is the most prominent peak in the Trachyte Mountain Range.
- Mount Gerry Andrews is located at latitude 49° 11' 32.6" N and longitude 114° 33' 33.5" W.
- The elevation of Mount Gerry Andrews is approximately 2,205 metres.

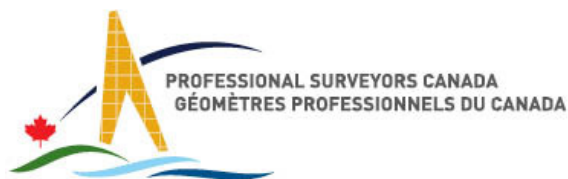
#### GERRY ANDREWS' BIOGRAPHY:

Gerry Andrews (Dec. 12, 1903–Dec. 5, 2005) began land surveying in 1930. He initiated the use of air photography in 1931 and supervised air surveys for the Province in Nimkish Forest, Kitimat, Okanagan, the Kootenays and the Rocky Mt. Trench.

Andrews also served as a Lieutenant Colonel for the Canadian Army during World War II. He developed improved air cameras and undertook depth soundings of Normandy beaches by wave velocities determined from air photos. For his efforts, Andrews was awarded an M.B.E. (Member of the Order of the British Empire).

Returning from duty, he served as chief air survey engineer for B.C. until 1950; and as B.C.'s surveyor general and director of mapping and provincial boundaries commissioner from 1951 to 1968. In addition to being a surveyor, Andrews was a historian and authored more than 50 publications.

## ***Professional Surveyors Canada***



### **Professional Surveyors Canada Membership Explained**

Membership in Professional Surveyors Canada is an individual choice. While the licensing bodies are continuing to support Professional Surveyors Canada, providing the forum once provided by CCLS for national discussion of licensing and regulatory issues in the initiatives, individual memberships are key. You are not a

member of Professional Surveyors Canada through your association but must decide to join or not join as an individual. Of course, we hope to make that decision easy!

Membership in Professional Surveyors Canada is available to any individual involved in or interested in the surveying profession. We have a number of different categories of membership to accommodate the different levels of interest and involvement. The categories are described below. For information on membership benefits, please check out the Benefits of Membership page at [psc-gpc.ca](http://psc-gpc.ca). You will find the link on the left hand menu just above the red Join Now! button.

Our by-laws have three main categories and the board has developed a number of sub-categories so we are sure to have one that fits you. Here is a break down.

Regular or 'Licensed' Members: One of the neat things about Canada is that even when we are working in one language (let alone two or more) we use different words for similar things or the same word to mean different things depending where we are and what context we are working in. This can make it challenging when we are trying to talk to the whole country and this is the case with the regular membership category. We use the word 'licensed' in a fairly generic way to cover licensed/registered/commissioned depending on which jurisdiction and which context we are working in. And, because each of our associations have their own unique blend of membership categories, even the word 'member' can be interpreted differently depending on the jurisdiction. So, we settled on (and this is quoting the by-laws) "Regular member means any person who is a voting member of a Professional Association that has satisfied the requirements for admission and has paid the dues established by the Board." 'Professional Association' is further defined to be our eleven licensing bodies for surveying.

So, here it is in a nutshell. If you are a voting member of ACLS or any of the provincial associations, whether you use the term licensed or commissioned or registered, you are eligible and encouraged to join Professional Surveyors Canada as a regular or 'licensed' member. Your membership will be \$150 plus tax and you will have a vote at all members meetings and board elections.

If you are eligible to be a regular member in more than one jurisdiction, Canada Lands and Alberta for instance, you will be asked to choose one jurisdiction for voting purposes on the application form when you join. You will have only one vote and one membership.

Associate Members: Professional Surveyors Canada was envisioned from the start as a national organization that will bring the whole of the surveying profession together as a community. Associate membership is the vehicle to begin to bring in other people who have an involvement or interest in the profession and develop the contacts and relationships necessary to determine how to create a fully integrated association and provide services that are meaningful and valuable to all. Associate members are defined in the bylaws as, "someone who has expressed an interest in the surveying profession." Associate membership fee is \$125 plus tax and these members will not have a vote at members meetings or board elections.

Retired Members: A retired surveyor may choose to take advantage of a lower priced option within the association member category and join as a Retired Member. The fee for this membership is \$50 plus tax. Because it is a sub-category of Associate Member these members will not have a vote at members meetings or board elections. The on-line application for retired membership is being developed now and will be available soon on the Join Now page of the psc-gpc.ca. If there are any retired surveyors who have already joined as regular members and wish to change their membership category they just need to contact me at the Professional Surveyors Canada office.

Student Members: An option for students is also available under the associate member category for \$20 plus tax. This is available to students enrolled in a post-secondary program in surveying or geomatics on a full time or part time basis. Again the on-line application for student membership is being developed now and will be available soon on the Join Now page of the psc-gpc.ca. Student members will not have a vote at members meetings or board elections.

Corporate Member: Corporate membership will be available very soon as well. The corporate entity could be a survey firm, a supplier or firm in a related industry, a government or school department, or an association. A corporate member is entitled to one vote at members meetings or board elections. There are three pricing options in this membership category. A \$500 option includes one free individual membership (regular or associate), a \$750 option includes two free individual membership (regular or associate), and a \$1,000 option includes three free individual membership (regular or associate).

Corporate members will also be entitled to:

- 15% off all Professional Surveyors Canada products and services (seminars, individual membership for staff, advertising, etc.)
- Job bank and Equipment Exchange posting access
- A free web-banner on psc-gpc.ca,
- A free descriptive paragraph in member's directory,

So, I hope I have explained the membership options for those of you who had questions. As in many things that include our wonderfully varied country, it is not always a short or simple explanation.

Please look over our web site (<http://www.psc-gpc.ca>), send us your comments and suggestions, support a strong unified voice for Canadian surveyors - your voice - and Join Now!

Sarah J. Cornett, BSc, OLS  
Executive Director

## ***Surveyors on Bikes (S.O.B)***

Surveyors on Bikes (SOB's) 11<sup>th</sup> Annual Reunion  
June 4<sup>th</sup> to 7<sup>th</sup>, 2011 in Cranbrook, British Columbia

This year's SOB's annual reunion was held in and around the beautiful southern B.C. community of Cranbrook. It has been eleven years since Stan Nickel, Brian Brown and few other BCLS/CLSs got together for a few days of enjoyable motorcycle riding along the world class biking roads of interior B.C. Since then, the motley crew has grown to about 3 dozen riders from Manitoba, Saskatchewan, Alberta and British Columbia. They are professional land surveyors or have a land surveying background, work either in private industry or the government and have a desire to be on the open road, riding their motorcycle.



Stan Nickel's vision for the 2011 SOB's ride/reunion was to support the David Thompson Brigade as they made their way from Invermere to Fort Steele B.C. and then across the International Boundary. So as usual, the SOB's organized themselves, booked rooms, e-mailed itineraries and began to converge on the rally point of Cranbrook for a few days of fellowship, socializing and riding.

Two big events took priority, the festivities and BBQ at Fort Steele in support of the David Thompson Brigade and the Brigade's crossing of the International Boundary close to Roosville just north of Urica Montana. Both events were spectacular and well attended by local dignitaries, friends and well-wishers. At the international boundary crossing there was a David Thompson commemorative plaque placed on a local international boundary monument.

For more detailed information on the 2011 David Thompson Brigade and their journey see:

[http://www.voyageurbrigade.org/thompson/2011 Thompson Columbia Brigade/2011 David Thompson Columbia River.html](http://www.voyageurbrigade.org/thompson/2011%20Thompson%20Columbia%20Brigade/2011%20David%20Thompson%20Columbia%20River.html)

If you are interested in more information on the SOB's, just send Stan Nickel or myself an e-mail at [stan\\_nickel@telus.net](mailto:stan_nickel@telus.net) or [rbeaumont@telus.net](mailto:rbeaumont@telus.net)



Rick Beaumont, CLS, ALS(ret.)