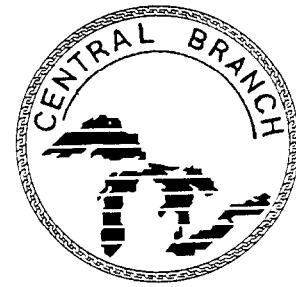


The Canadian Hydrographic Association
Association canadienne d'hydrographie



NEWSLETTER

*** April/May 2001 ***

Vol. 15, No. 4

Canadian Hydrographic Association

Central Branch

2001 Executive

Vice-President: Andrew Leyzack (905) 336-4538
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(Except Earl Brown: earlbrown@home.com)

Central Branch Committees

Communications and Publicity

Newsletter: - J. Weller, E. Brown, F. Oliff, L. Robbins
Web Site: - J. Weedon, J. Dixon
Lighthouse - A. Leyzack, J. Weller, F. Oliff

Education and Development

Gerry Wade Memorial Library:
- T. Janzen, F. Oliff, B. Power
Seminars: - S. Hinds, J. Dixon, A. Leyzack

Membership

Branch: - B. Power, J. Dixon, T. Janzen
International: - A. Leyzack, G. Pugach, L. Robbins
Elections: - F. Oliff, T. Janzen

Social Events

H20 - E. Brown, J. Miles, B. Power
BBQ - T. Janzen, J. Biggar
AGM - F. Oliff, S. Hinds, T. Janzen, B. Power

Admiralty Launch Surveyor

- J. Dixon, E. Brown, H. Duller, A. Leyzack, B. Power, B. Warrender

Notes from the Branch Vice-president

Monuments... Plaques of recognition... I believe each of our Branches has at one time been instrumental in building at least one of these. Visible and lasting reminders of the contributions of past hydrographers and the ships that carried out their surveys.

Pacific Branch has to their credit the *Bent Propeller Monument* at Oliver Cove, in recognition of the men and women who surveyed this rugged area, and, on the seawall in Victoria, a plaque in memory of *CSS Wm. J. Stewart*.

Last year, Quebec Branch built a first-order benchmark and monument at Father Point, where the *International Great Lakes Datum* meets the salt chuck.

Central Branch, in partnership with the Marine Heritage Association, continues to support a less fixed monument, the Admiralty Launch *Surveyor*.

I see an opportunity for CHA to get involved in another "monumental" project. Recently I was contacted by a couple from Bic, Quebec who have restored a cottage on the St. Lawrence River. The cottage, known as Bayfield Cottage, was built c. 1851 by Archibald Campbell (the last seigneur of the Seigneurie of Bic) for his wife and named in honour of a visit from Admiral Bayfield. Bayfield was apparently a relative of the Campbells and for those who don't know, was the Admiralty's Hydrographer in these parts during the first half of the 19th Century. Dr. Ronald Jackson and his wife are looking for an Admiralty Hydrographic crest to place above the entrance of the cottage. Dr. Jackson would prefer a fairly large crest (about 18" high) so it can be visible from the road. I have asked them to send me more information and perhaps a photograph of the cottage. Meanwhile, if any of our members with connections with the British Admiralty can help, I'd like to hear from you.

For those hydrographers in this hemisphere, field survey season has arrived and Central Branch has held its last general meeting before the field season break. At that meeting, our guest speaker, Mr. Jim Statham of Marshall Macklin Monaghan stirred up a very interesting debate on the merits of membership for hydrographers in the Association of Canada Lands Surveyors. Thanks for visiting us Jim. We will, as usual, be holding a summer BBQ. This year it is on Saturday 7 July, following the return of the Georgian Bay survey.

Hope you have a safe and productive survey season.

– Andrew

Next Meeting

Our next meeting is our annual CHA Summer BBQ. This will be on the afternoon of Saturday 7 July. Jon and Norma have very kindly offered to host this event at their residence: 2 Appleridge Court, Carlisle, Ontario. See the enclosed flyer.

Come on out and enjoy!

Central Branch Treasurer's Report for the year 2000

Balance forward December 31, 1999		\$ 1,387.84
Receipts		
Membership Dues (2000)	\$ 2,135.13	
Membership Dues (2001)	270.00	
H2O Bonspiel	1,794.59	
AGM registrations & sponsors	893.00	
GPS raffle and 50/50 draw	392.00	
CHS All-staff/stationery supplies	147.98	
		\$ 5,632.70
Expenditures		
CHA: National Dues for 2000	\$ 1,155.00	
Postage	460.18	
NewsLetter Paper	106.95	
Seminars and meetings	241.12	
H2O Bonspiel	1,776.29	
Summer BBQ	239.96	
AGM	1,201.89	
GPS raffle	181.90	
Miscellaneous	18.64	
CHS All-staff/stationery supplies	147.98	
CIG MasterCard charges	19.80	
Bank Charges	3.00	
		\$ 5,552.71
Working Balance December 31, 2000:		<u>\$ 1,467.83</u>

Lighthouse Convenience account

Balance forward December 31, 1999:		\$ 1,561.12
Receipts		
Subscriptions (2000)	\$ 125.32	
		\$ 125.32
Expenditures		
Refund	\$ 25.00	
Postage	394.25	
		\$ 419.25
Working Balance December 31, 2000:		<u>\$ 1,267.19</u>

Launch Convenience account

Balance forward December 31, 1999:		\$ 4,543.90
Receipts		
Tall Ships Halifax	\$ 1,000.00	
Tall Ships Sarnia	500.00	
Model Draw	320.00	
BBQ Fundraiser	623.58	
Donation of materials	356.93	
		\$ 2,800.51
Expenditures		
Tall Ships Halifax	\$ 900.00	
Tall Ships Sarnia	1,222.12	
Upper Canada Trade Fair	70.00	
Chatham	91.36	
Video tapes	19.19	
BBQ Fundraiser	314.61	
Fundraiser donation	308.97	
Maintenance and repairs	1,061.86	
Publicity Materials	72.79	
Tarpaulin	667.00	
		\$ 4,727.90
Working Balance December 31, 2000:		<u>\$ 2,616.51</u>

Minutes of General Meeting of CENTRAL BRANCH held on 26 April 2001

1) The meeting was held at the Big Star Restaurant, Burlington. Andrew called meeting to order at 12:35.

Attendees:

Andrew Leyzack - VP- Chair
Sam Weller -Treasurer, A/ Secretary
M. Bennett J. Coles M. Crutchlow G. Fenn
J. Goodyear C. Gorski M. Johnston A. Koudys
J. Medendorp F. Oliff B. Power A. Rogers
R. Treciokas J. Weedon A. Welmars S. Hinds
W. Warrender J. Statham

Regrets: J. Dixon T. Janzen G. McFarlane

2) Minutes of the 21 March meeting were available:

Andrew asked the CHC2002 committee about discounts: CHA Sustaining Members and THSOA Corporate Members receive 10% discount on the Exhibitor package.

Motion to accept the minutes:

- Moved J. Weller/ S. Hinds CARRIED

3) **Treasurer's Report:** J. Weller said the 2000 Financial Statements have been approved by the auditor and will be published in the NewsLetter. To date, Central Branch account is \$1,594.97; Lighthouse Convenience Account \$2,644.09; and Launch Convenience account \$2,616.51.

- Moved J. Weller/F. Oliff CARRIED

4) **Correspondence:** (Andrew) From Les Reading about membership; from International Member Ron Dreyer, moving from St. Lucia back to Ontario; and from a Russian graduate engineering student seeking hydro-graphic employment in Canada. Andrew suggested we mention him in a note in the NewsLetter. Would it be feasible for Lighthouse to have a regular column for such items? There was e-mail from CIDA with their new web-site: www.cida.gc.ca. CHA is still active with CIDA, continuing to sponsor education in hydrography in dev-eloping countries. Today he heard from a couple who have purchased Bayfield's cottage in Bic, PQ, to restore it. Does anyone have an Admiralty crest to donate?

Question: Have schools with hydrographic programs been approached with CHA membership information? Answer: not lately. Possibles are College of the North Atlantic, Centre of Geographic Sciences and UNB. The CHA Newfoundland Branch did serve them but has since faded from view.

5) **Committee Reports:**

Membership: (B. Power) Of the 85 names for the year 2000, 20 In-House, 15 Out-House, 13 International are paid to date, plus 4 Life Members and 1 Honorable Member. Andrew and Brian now ask all unpaid members to please do so, to keep their membership in good standing. Andrew said we have been a bit remiss and need to follow up earlier in the year. A reminder letter will be included in the coming NewsLetter. New CHS folk are probably interested and just need to be approached. Perhaps the new CHS Orientation package for in-coming staff could include information on CHA. We have two new Members since the last meeting: Les Reading and Bob Strachan. Welcome aboard!

Admiralty Launch Surveyor: (A. Leyzack for J. Dixon) The committee met last week. The launch is on its trailer and ready to go but does need some light maintenance. Anyone interested in joining in, please speak to John or a committee member. Many of the events are military in origin but our presence helps show that there was also important scientific work being done in those days.

Events for 2001:

28 & 29 April - *Upper Canada Trade Faire* - Odessa, Ont.
www.tradefaire.ca

01 -15 June - *Discovery Harbour* - part of the program for the season, arrangements to be discussed

22 - 24 June - *Fort Ticonderoga* - Lake George, NY

07 & 08 July - *The Gunboat Weekend* - Brown's Bay Park - individual registration: www.gunboatweekend.com

04 - 06 August - *Marine Festival* - Owen Sound, Ontario. This is a MHA show. The details have not been worked out. We have been asked to man the launch for this event and put on the Hydrographic Road Show.

23 -26 August - *Battle of Georgian Bay* - Penetanguishene Ontario - individual registration: www.battleofgeorgianbay.huronion.com

08 - 09 Sept - *Battle of Plattsburg* - Plattsburg, NY - individual registration: www.battleofplattsburgh.com

OR

28 - 30 Sept - *Faire at the Forks* - Chatham, Ontario - individual registration: www.ciaccess.com/CHATHAM/heritage.htm

Social Events: (Andrew for J. Biggar) The summer BBQ will be on Saturday 7 July. The AGM and dinner is confirmed at MCC for Thursday 6 December 2001.

Education/Memorial Library: (Andrew for T. Janzen) Thanks to generous CHA members, the bookcase now has an interesting selection of Seamanship and navigation books, and historical books and journals on arctic exploration.

Communications: Lighthouse: (A. Leyzack for E. Brown) The May publication date of Edition 59 will be met. It will go to the printer in the next few days.

6) The business part of the meeting adjourned at 13:18.
- Moved S. Hinds/B. Power CARRIED

After lunch, Jim Statham spoke to us about the *Association of Canada Lands Surveyors* [see back page]. After the talk, Andrew thanked the speaker and gave him a small token of our appreciation. We are very grateful to Jim for giving of his time to come and speak to us and for leading such a valuable and vigorous discussion.

Notes from a talk by Jim Statham

After lunch Jim Statham, Senior Vice-President of Marshall Macklin Monaghan and Past President of the Association of Canada Lands Surveyors (ACLS), spoke to us about the ACLS and its development since becoming a self-regulating professional body and how it concerns working hydrographers. Jim answered several questions that had been given to him earlier and then opened the floor for discussion.

1. Should the locations of platforms, pipelines, sub sea structures, cables and man-made islands be surveyed by a Canada Lands Surveyor (CLS)?

All legal surveys on Canada lands must be performed by a CLS. Such surveys are regulated by the *Canada Lands Surveys Act*, which is administered by the Minister of Natural Resources and the Surveyor General. There are some requirements for offshore surveys by a CLS, such as drilling rigs, while others, such as pipelines and cables, do not require surveys. In essence, there is no property rights system in place for offshore lands whereas surveys are very clearly regulated on shore.

2. Should the party chief (HIC) of any survey of offshore Canada Lands be a CLS?

Legal surveys performed under instructions from the Surveyor General may require the onsite presence of a CLS. Normally the CLS must state that the survey was performed under his/her supervision.

3. Does the ACLS offer a group liability insurance plan for its members (E&OE insurance)? How is this underwritten? (This in view of the fact that our supervisors/HICs and Managers can be personally named in a liability suit)

To offer services to the public, a CLS must be insured to a minimum of \$500,000. Such insurance is available through *Canada Council of Land Surveyors*. Government surveyors working in-house and not providing CLS services to the public are exempt from this requirement.

4. How will ACLS handle certification of existing hydrographers?

Certification requirements are provided on the ACLS web page: www.acls-aatc.ca. Each application is judged on its own merits; individuals can apply for exemptions from some subjects. A person may become a CLS in any of the major disciplines of legal, geodetic, mapping, etc. There is no articling period. It is up to the integrity of each individual to practice in the area of one's own competence.

5. Will a degree be a necessity? What about "grandfather" clauses? Will there be an exam, as in the United States?

The ACLS education requirement is at least a college diploma. There is no longer any grandfathering regulation. Certification is by the ACLS, unlike in the U.S. where licensing of surveyors is by state exam.

6. What benefit is joining ACLS to me (a CLS) who works only in Ontario and does not work in the Arctic or offshore on the east/west coast?

Under the *Canada Lands Surveys Act* membership in the ACLS is mandatory for all Canada Lands Surveyors. However, if a CLS chooses not to offer services as a CLS, then he/she is not required to obtain a license but retains the right to use the CLS designation as long as membership is kept in good standing. The benefit if one does not practice as a CLS is having a professional home. The CLS stamp would also provide some level of assurance that a survey was carried out to certain specifications and standards.

7. What justifies the major increase in cost since self-regulation? Are members simply responsible for supporting the infrastructure that has been created?

Before 1999, all CLSs were administered by the Surveyor General's office. ACLS had voluntary membership but was helped financially by the federal government to prepare for self-regulation. Those government grants ceased in 1999 with self-governance. Today, as a self-governing association, ACLS has three full-time employees, with one more still to come. There is no assistance from any level of government, though there is some in-kind assistance from *Natural Resources Canada* and from the *Canadian Hydrographic Service*. Membership in ACLS gives a surveyor a professional home. This is especially valuable when a person decides to change jobs or relocate. There is a real opportunity for CHS and for individual working-level hydrographers to increase their professional sphere of influence in their offshore work by being Canada Lands Surveyors.

All CLSs are required under the Act to be members of ACLS. This gives the right to be a member of the professional body and to use the CLS designation.

ACLS has 528 members, 347 of them being licensed. Permits are required by entities (companies, partnerships, etc) who provide CLS services and there are over 150 of these this year. All of this is explained on the ACLS web site.

The specific issue of a CLS who has not yet joined the ACLS since it became self-governing is not dealt with by the Act. This issue should be referred to the Executive Director/Registrar. Since the Act says one must be a member of the ACLS in order to be a CLS, it could be argued that such a person has lost his or her right to use the CLS designation. However, membership may be available without major problems if such persons apply soon.