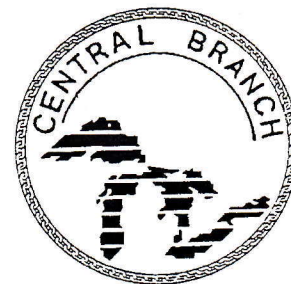


The Canadian Hydrographic Association
Association canadienne d'hydrographie



NEWSLETTER

*** September/October 2003 ***

Vol. 17, No. 7

Canadian Hydrographic Association

Central Branch

2003 Executive

Vice-President: Tim Janzen (905) 336-4846
Secretary: Fred Oliff (905) 336-6242
Treasurer: Jeff Walker (905) 336-4607

Executive Members: Heather MacArthur (905) 319-6926
George McFarlane (416) 512-5764
Brian Power (905) 319-6928
Jim Weedon (905) 336-4841
Scott Youngblut (905) 336-4836

Address:
Canadian Hydrographic Association
P.O. Box 5050
Burlington, Ontario L7R 4A6
FAX: (905) 336-8916 or 336-4819

Our web page: <http://www.hydrography.ca/>

Our e-mail addresses: lastnamefirstinitial@dfo-mpo.gc.ca

(Except Jeff Walker: walkerjb@dfo-mpo.gc.ca and George McFarlane: george.mcfarlane@pwgsc.gc.ca)

Central Branch Committees

Communications and Publicity

Newsletter: - J. Weller, T. Janzen, F. Oliff,
L. Robbins, J. Walker.
Web Site: - J. Weedon.
Lighthouse: - A. Leyzack, H. MacArthur, J. Walker.

Membership

Branch: - B. Power, T. Janzen, G. McFarlane.
International: - T. Janzen.
Elections: - B. Power, T. Janzen, S. Youngblut.

Admiralty Launch Surveyor

B. Power, E. Brown, J. Dixon, H. Duller,
T. Janzen, A. Leyzack, W. Warrender, J. Weedon.

Education and Development

Gerry Wade Memorial Library: -
T. Janzen, A. Leyzack.

Meetings: - H. MacArthur, G. McFarlane, J. Walker.

2003 Side Scan course: -

T. Janzen, A. Leyzack, C. Robinson.

Social Events

H2O: - E. Brown, J. Leyzack, B. Power.
BBQ: - G. McFarlane, T. Janzen.
AGM: - F. Oliff, H. MacArthur, T. Janzen,
J. Weedon, S. Youngblut.

Printed on 50% recycled paper

Notes from the Branch Vice-President

Good autumn everyone!

I'm just recently back from the Arctic, where pan ice was starting to form, and even more recently back from Calgary, where I attended the Canadian Institute of Geomatics (CIG) conference and several Association of Canada Lands Surveyors (ACLS)/CHA workshops. The CHA also took advantage of the event to hold a Director's meeting and the 2003 National AGM.

The AGM dinner was well attended, with 32 participants. We were entertained afterward with a presentation and short movie by a spokesperson from Mammoet about their project involving the raising of the Soviet submarine Kursk. A very impressive feat of engineering! Also of note, CHA National President Andrew Leyzack acknowledged the significant work and time put in by Prairie Schooner Branch V-P Bruce Calderbank on behalf of the CHA towards the conference and workshops, with a plaque, as a token of appreciation. Thank you for your efforts Bruce, well done!

As for the workshops, I first had the opportunity to speak for two hours on the topic of hydrography - a session that was aimed at helping ACLS candidates successfully navigate the ACLS "Hydrography and Oceanography" exam.

I sat in on the partially CHA sponsored "Offshore Issues Seminar", during which noted and respected guest speakers discussed aspects of offshore boundary rights and delimitation, as it is relevant to Canada. Of special interest were the more recent developments with UNCLOS III and a discussion on why Canada has not yet ratified the convention yet, though it looks like we are very near to doing so. Also of great interest, the 2nd edition of "Canadian Offshore Property Rights" which was recently re-written by Bruce Calderbank, Ted McDorman and David Gray, under the auspices of the ACLS and CHA, was introduced at this seminar.

I was also invited to attend the "ACLS Second Offshore Issues Consultation Workshop." In this venue, speakers presented varied topics dealing with the offshore and the audience (a cross-section of industry, government and academia) was split into small groups and asked to debate and record discussions dealing with questions of these topics. I particularly enjoyed the presentation by CHA National President Andrew Leyzack on certification for hydrographers in Canada, and the interest it stirred.

On a couple of other topics, you should know and will read again further in this newsletter that the CB 2004 nominations are open. Please take some time to nominate worthy candidates - there are many in this Branch, and please seriously consider running, if nominated. There is much work to do and your assistance is welcomed.

Finally, the CB AGM and dinner is fast approaching. Consider setting aside the late afternoon/evening of Thursday December 11th to join friends and colleagues at the lovely and festive Mimico Cruising Club.

For more information on the preceding, please visit:
<http://www.hydrography.ca/NEWcha-home.html>
<http://www.aclsaatc.ca/english/seminars/seminars.htm>
<http://www.cig-acsg.ca/page.asp>

Hoping you all had a prosperous summer filled with, among other things... happy hydrography!

-Tim.

Central Branch Treasurer's Report

31 December 2002 to 8 October 2003

Balance forward December 31, 2002: \$ 44,138.92

Receipts	
Membership Dues (2003)	\$ 4,649.40
H ₂ O Bonspiel	1,481.79
AGM Sponsorship/Refund	127.00
CHC 2002 Proceedings	22.41
Side Scan Course	16,501.36
Bank interest	12.67
Other income	40.00
	\$ 22,834.63
	\$ 66,973.55

Expenditures	
Postage	\$ 667.33
Seminars and meetings	241.67
Cheque re-order	37.14
H ₂ O Bonspiel ice and catering	1,613.95
Summer BBQ	278.00
NewsLetter Paper	252.24
Side Scan Course	12,952.01
Transfer of Multibeam Surplus	26,211.36
Credit Card Expenses	105.49
Stationery	446.78
Gerry Wade Library	86.07
Sponsorship of	
Offshore Management Seminar	250.00
	\$ 43,142.04

Working balance 8 October 2003: \$ 23,831.51

Note: To help the Lighthouse Editorial team and the Admiralty Launch Surveyor Committee, the Central Branch treasurer handles some of their income and expenditures (reported below). The balance is held available and is passed on as required.

Lighthouse Convenience account

Balance forward 31 December 2002 \$ 6,144.91

Receipts	
Subscriptions	\$ 1,175.17
Sponsorship	\$ 4,000.00
	\$ 5,175.17
	\$ 11,320.08
Expenditures	
Stationery	\$ 91.79
Printing	\$ 8,000.00
	\$ 8,091.79

Working balance 8 October 2003: \$ 3,228.29

Admiralty Launch Surveyor Convenience account

Balance forward 31 December 2002: \$ 897.90

Receipts	
Heritage Launch Rental fee	\$ 500.00
Port Hope 210 Re-enactment	\$ 350.00
	\$ 850.00
	\$ 1,747.90
Expenditures	
Oars	\$ 350.00
Insurance Renewal	\$ 864.00
Rope for Lead Line	\$ 69.92
Launch repairs	\$ 77.06
Tall ships Sarnia	\$ 651.18
	\$ 2,012.16
Working balance 8 October 2003:	<u>\$ - 264.26</u>

Minutes of General Meeting of CENTRAL BRANCH held on 8th October 2003

1) The meeting was held at the Canada Centre for Inland Waters in Burlington. The meeting was called to order at 12:12 p.m.

Attendees:

T. Janzen – VP, F. Oliff – Chair,		
H. MacArthur – Secretary, J. Walker –Treasurer		
B. Power	A. Leyzack	G. McFarlane
M. Bennett	J. Medendorp	A. Koudys
R. Beri	J. Weedon	R. Cameron
J. Biggar	S. Weller	S. Youngblut
C. Robinson		

2) Minutes of the May 22nd meeting were made available. Action items:

a) B. Power did not get in touch with M. Crutchlow.

ACTION: B. Power to contact M. Crutchlow regarding the new Small Craft Regulations, especially as they pertain to “boats for hire”.

b) Three corporate members were notified by letter of their non-payment of membership dues but there has been no response to date.

Motion to accept the minutes:

- Moved G. Mc Farlane/J. Walker CARRIED

3) Treasurer's Report: (J. Walker) Jeff presented the Treasurer's Report and asked us to note that: a) membership dues are still coming in; b) the Side Scan Sonar course was still generating money because of a payment correction from CARIS; c) the annual CHA BBQ cost \$300.00; d) stationery was an unexpected cost.

Tim noticed that the budget seems to indicate a loss for the H₂O Bonspiel. Jeff explained that the budget for the bonspiel appears in the red because they had to use 88% of the \$150.00 that CHA offers the bonspiel but is not recorded as a separate expenditure.

Motion to accept the budget:

- Moved T. Janzen/B. Power CARRIED

4) Correspondence: (A. Leyzack) Andrew announced that Laimutis Liatukas has secured employment with a shipping company in Halifax. Best of luck to Laimutis.

Andrew often receives “news from industry” and has made an effort to inform non-CHA corporate members of the benefits of membership but has yet to receive a response.

Fred has received information from CARIS about an upcoming St. Louis conference. Fred is trying to get them to become corporate members (and advertise in LIGHTHOUSE) but there has been no response.

Tim asked members to provide him with any contact information changes so that he may keep the member list up-to-date.

ACTION: Members to give name, address and telephone changes to Tim.

5) Membership: (B. Power) We now have 96 paid members. Brian removed Ed Lewis, who recently retired, from the membership list.

Brian made a motion to open nominations for the 2004 Executive. Nominations will close November 6th.

- Moved B. Power/A. Leyzack CARRIED

6) Committee Reports:

Admiralty Launch Surveyor: (B. Power) Repairs have been made to the rib that was rotted and the mast bracket. The new oars have been cleaned and painted to match the old oars. Al Geyer offered to survey the boat. The Surveyor is 11 years old and its fair market value is \$19,950.

Brian stated that the Surveyor needs to be winterized.

The Port Hope Loyalist Landing was a success and the participation of the Surveyor and its crew was appreciated. The Tall Ships event in Sarnia was also a success, with the Surveyor boasting a full crew with rowing and sounding demonstrations over 3 days in August. September saw the Surveyor participate in the Marine Heritage Festival as a static display.

The Surveyor was also present to welcome the Haida into Hamilton Harbour.

Two invitations had to be declined: Wasaga Under Seige because of insurance issues and a similar reenactment event in Barrie because it conflicted with another engagement.

BBQ: (B. Power) The annual CHA BBQ was another success. Approximately 35 members, family and friends came out to the McFarlane residence on a nice but windy day in June. A good time was had by all. Special thanks to George McFarlane and family for hosting this year's BBQ.

Lighthouse: Discussion will be deferred until the next meeting, but Andrew mentioned that he expects the next issue to be out on time. Andrew did not receive any branch reports so he submitted Surveyor articles. He suggested that someone else be delegated next year to write the Branch report.

7) Other Business:

Meetings: George would like the location for future meetings to be determined well in advance so that CHA members who are from out-of-town can make appropriate arrangements in advance of the meeting. He also stated that he would like to have an Executive meeting before the November 6th meeting.

Andrew asked the branch to consider hosting a GPS training course next year. Dr. El-Rabbany is a professor at Ryerson and would be able to teach the course on-site.

8) The business part of the meeting was adjourned at 12:45 p.m.

Sandwiches and drinks were enjoyed while guest speaker Andrew Leyzack presented a thought provoking paper entitled “The Canada Lands Surveyor Commission – Its Role as a Certification for Professional Hydrographers and Offshore Surveyors”. Andrew will present the paper at the Canadian Institute of Geomatics Conference in Calgary next week.

Another season comes to an end for the CHA Heritage Launch - Surveyor

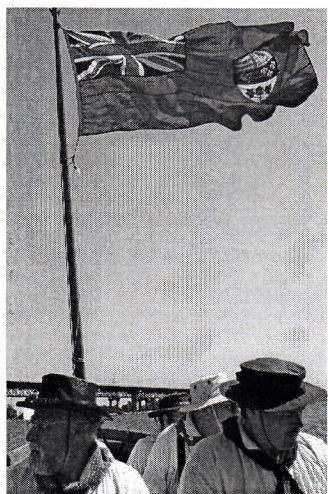
By Brian Power

It has been ten years now that the CHA Admiralty launch *Surveyor* has been participating in local events and as the season activities come to a close I would like to bring the membership up to date on the activities that have taken place since the last NewsLetter.

The last stop on the 2003 American Sail Training Association's Great Lakes *Tall Ships Challenge* was in Sarnia, Ontario. There were eleven vessels on public display in addition to the CHA's Admiralty Launch *Surveyor*. The *Surveyor's* loyal crew participated in the August 22nd-24th weekend's festivities. To the roar of cannon fire and bagpipes the public was drawn to the wharf's edge to see and hear how early hydrographic surveys in Upper Canada were conducted using wooden boats, leadline and sextant; there were two on the water demonstrations daily.



Brian Power at the oars. HMCS Haida in the background.



On August the 28th 2003 at 13:30 hours, the *Surveyor's* crew saluted the HMCS *Haida* as she made her way into Hamilton Harbour. The *Haida* is a Royal Canadian Navy Second World warship, one of only two that are in existence today. To honour the occasion, *Surveyor* flew the Canadian Red Ensign of that era instead of the 18th Century Union Jack that she usually flies. After spending the last 30 years at Ontario Place as

a major tourist attraction, *Haida* will be on display at the new *Canada Marine Discovery Centre*, due to open in the spring of 2004 in Hamilton Harbour.



Surveyor in action at Sarnia

The Goderich Marine Heritage Committee (GMHC), in partnership with the Huron County Museum, hosted its second annual Marine Heritage Festival. The festival runs from September 19th to November 2nd. Messrs. John Dixon, Heimo Duller and Brian Power responded to an invitation from the GMHC to attend the opening ceremonies on the Friday evening of Sept. 29th.

The *Surveyor* was displayed just outside the entrance to the Huron County Museum and remained there on display till the following weekend when she was returned to her home base in Burlington.



Surveyor on display beside the Huron County Museum

Inside the museum there was also an exhibit set up to tell the public about the launch and our Association. I would highly recommend visiting the Huron County Museum. For a town the size of Goderich, they have created a first class museum comparable to any you will find in the large cities of Canada.



Heimo Duller, Brian Power and local CPS rep at the Museum

A number of maintenance and repair jobs were carried out during the past few months. A rotten rib was removed and a new one put in, and the new oars we purchased earlier this year were cleaned and painted to match our originals. The foremast support bracket required fixing. As well, a survey of the launch was performed to determine the fair market value.

In closing I would like to thank all who have participated in making this year's program a success.



Demonstrating the use of a period communications device.

LIGHTHOUSE

Edition 64, the Fall/Winter edition is at the printer and we anticipate that it will be available for distribution by mid-November.

This edition has a good balance of technical and general interest articles and we are pleased that several authors are CHA members.

We look forward to your comments.

Earl Brown

Central Branch Executive 2004 Election

Nominations for the Central Branch Executive for the year 2004 are now open and your Elections Committee is looking forward to receiving your nominations. Anyone accepting nomination should be prepared to set aside time for CHA activities and duties.

Positions available for 2004: Vice-President, Secretary, Treasurer, and five Executive Members. Members in good standing may submit nominations and are eligible for election to the Branch Executive.

Those eligible to nominate candidates and eligible to stand for office are the Central Branch and International members in good standing; these are listed on page 7.

Please phone (905) 319-6928 or email (powerb@dfo-mpo.gc.ca) or fax (905) 319-6916 your nominations.

We will contact the nominees.

Nominations close at the November 6th 2003 meeting. Ballots will be distributed with the newsletter after that meeting and the results will be announced at the Annual General Meeting on December 11th at the Mimico Cruising Club.

Anticipating hearing from you,

Brian Power, Tim Janzen and Scott Youngblut - Elections Committee.

Contacting International Member Ron Dreyer recently to confirm his mailing address, we received an interesting bit of news:

Hi guys,

I've been back in the Caribbean since the end of August. I've never spent any significant time in Barbados before and I'm loving it! We won't be into construction until probably mid-January but I can still find the time to work 6 x 12 each week. Believe it or not - I've been doing beach profiles non stop for the last month and can't get enough of it... stepping over string bikinis (on young Brazilian girls) all day long is a rewarding experience!

New mailing address is below:

Regards,

Ron

Ah yes, the long hours of field work on the beaches. Our sympathies, Ron. By the way, do you perhaps need an assistant? We may be able to locate one or two volunteers able to fly to Barbados at short notice.

CORPORATE MEMBERS of CENTRAL BRANCH (12)

ASI Group, P.O. Box 2205, 250 Martindale Road, St. Catharines, ON, Canada L2R 7R8. [contact: Darren Keyes at (905) 641-0941, E-mail dkeyes@asi-group.com]

Canadian Centre for Marine Communications, P.O. Box 8454, St. John's NL Canada A1B 3N9. [contact: Bill Carter at (709) 579-4872, E-mail bcarter@ccmc.nf.ca]

C&C Technologies, 730 East Kaliste Saloom Rd, Lafayette LA, USA 70508. [contact: Art Kleiner at (337) 261 - 0660, E-mail aak@cctechnol.com]

Fugro Jacques Geosurveys Inc., 25 Pippy Place, ST. JOHN'S NL Canada A1B 3X2. [Contact Todd Ralph at (709) 726-4252, E-mail toddralph@fjg.ca]

HydroService A.S., P.O. Box 212, Hovlandsveien 52, Egersund, Norway N-4379 [contact: Egil O. Aarstad at (+47) 51 464960, e-mail info@hydroservice.no]

NetSurvey Limited, The Office, Astell Farm, Claydon, Near Banbury, Oxon, OX17 1ES, United Kingdom [contact: Duncan Mallace at (+44) 1295 750663, E-mail duncan@netsurvey.co.uk]

Interactive Visualization Systems, 2 Garland Court Suite 203, Fredericton, NB Canada E3B 6C2 [contact: Sherry Rose at (506) 454-4487, E-mail info@ivs3d.com]

Knudsen Engineering Ltd., 10 Industrial Road, Perth, ON Canada K7H 3P2 [contact: Judith Knudsen at (613) 267-1165, E-mail judith@knudsenengineering.com]

Klein Associates Ltd., 11 Klein Drive, Salem NH, USA 03079 [contact: Gary Kozack at (603) 893-6131, E-mail gkozack@kleinsonar.com]

Kongsberg Maritime Ltd., 261 Brownlow Avenue, Dartmouth NS, Canada B3B 2B6 [contact: John Gillis at (902) 468-2268, E-mail jgillis@kongsberg-simrad.ns.ca]

McQuest Marine Sciences Ltd., 489 Enfield Road, Burlington ON, Canada L7T 2X5. [Contact K. McMillan at (905) 639-0931, E-mail email@mcquestmarine.com]

Sani-International Technology Advisors Inc., 3075 14th Avenue Suite 224, Markham ON, L3R 0G9 Canada [contact Anthony P. Sani: (905) 943-7774, E-mail tsani@sani-ita.com]

Corporate Membership in the Canadian Hydrographic Association

The Canadian Hydrographic Association is glad to offer a level of membership to firms and organizations throughout the world who are interested in supporting the CHA.

Corporate Membership in the CHA (formerly known as Sustaining Membership) allows companies closely linked with the hydrographic field to become more involved with the activities of the CHA and to maintain a closer contact with users of their products. Through the CHA journal *Lighthouse*, Corporate Members are also able to reach a world-wide hydrographic audience.

Central Branch is proud to acknowledge the support of the agencies, listed above, who have chosen to be associated with this Branch. From time to time we also offer a business card and a write-up of about 200 words on the back page of this NewsLetter (the cost of \$50.00 helps defray the postage). If you would like to avail yourself of this offer, please contact Tim Janzen, V-P of Central Branch [info on front page].

This month, the Canadian Centre for Marine Communications has submitted their business card and an overview of their activities.

HYDRO 2003: The Fourth Australasian Hydrographic Symposium

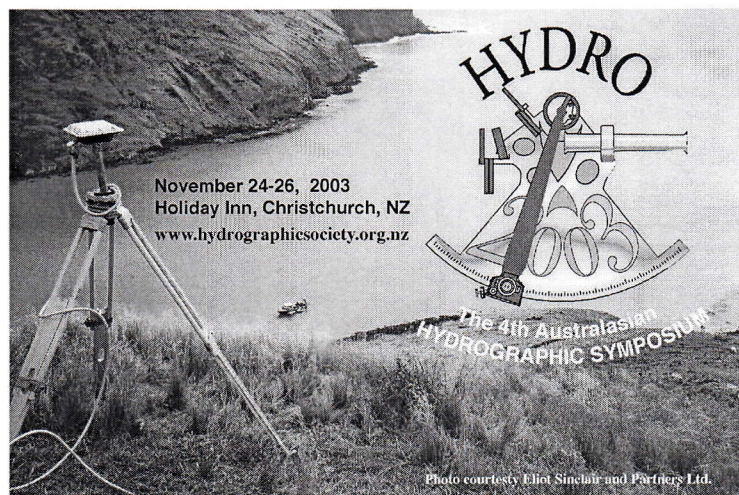
By Peter Knight, Lecturer in Hydrographic Surveying, University of Otago, Dunedin, New Zealand

Hydro2003 in Christchurch New Zealand (Nov.24-Nov.26), organized by the Australasian Hydrographic Society is running back to back with the conference on High Resolution Surveys in Shallow Water in Sydney, Australia the week previous, (the Sydney conference is hosted by the Australian Defense Science and Technology Organization (DSTO)). Despite the fact that these two conferences draw from the same general group, pre-registration at both is strong, which is extremely encouraging for the profession in the region.

New developments at Hydro2003 include a gondola trip to view the city lights and the registration of Admiral David Haslam from the UK. We will miss Rear Admiral Steve Ritchie who has not, as yet registered. We are also, sadly, missing any representative from the CHA.

Best wishes and looking forward to sending an account of the conference before Christmas.

wendybarker@xtra.co.nz or <http://www.hydrographicsociety.org.nz>



MEMBERS of CENTRAL BRANCH [in good standing 28 October 2003]

CCIW in-house (33)

Bartlett, Jason
Beale, Brent
Bennett, Mike
Beri, Raj
Biggar, Jon
Brousseau, Dan
Cameron, Roger
Campbell, Jennifer
Colombe, Laura
Crutchlow, Mike
Davies, Janis
Dixon, John

Gorski, Chris
Herron, Terese
Janzen, Tim
Koudys, Al
Leyzack, Andrew
MacArthur, Heather
Mahaffy, Robert
Medendorp, John
Oliff, Fred
Power, Brian
Robinson, Carol
Sandilands, Rick

Shepherd, Al
St. Jacques, Dennis
Travaglini, Paola
Walker, Jeff
Warrender, W.
Weaver, Keith
Weedon, Jim
Weller, Sam
Youngblut, Scott

Private Industry etc. (39)

Berry, James
Brassard, Patrick
Brent, Michael
Brown, Earl (Life Member)
Carrigan, Brian
Davies, Paul
Delle Fave, Joseph
Denniss, Dean
Dexel, Ken
Dexel, Dan
Duller, Heimo
El-Rabbany, Ahmed
Goodyear, Julian

Grant, Steve
Greenfield, Kirsten
Halsall, John
Hinchley, Robert
Hinds, Sean
Karczuga, Ryk
Knott, Anthony
Liatukas, Laimutis
Macdonald, George (Honorary Member)
MacGowan, Bruce
Marshall, Bob
McCulloch, Tom (Life Member)
McCrodon, Brian

McFarlane, George
Mong, Eivind Eik
O'Reilly, Charles
Richards, Bruce
Robinson, Brad
Rogers, Ab (Life Member)
Ronca, Riccardo
Samii, Javad
Sanson, Paul
Smart, John
Statham, Jim
Tinney, Brad
Wells, David E.

INTERNATIONAL MEMBERS of CHA (14)

Barr, Peter
Bellach, Guenter
Bianchetti, Fosco
de Faria, Luis Leal
Dreyer, Ron
Emerson, Nick
Goldsteen, George

Australia
Thailand
Italy
Portugal
Barbados
Hong Kong
Australia

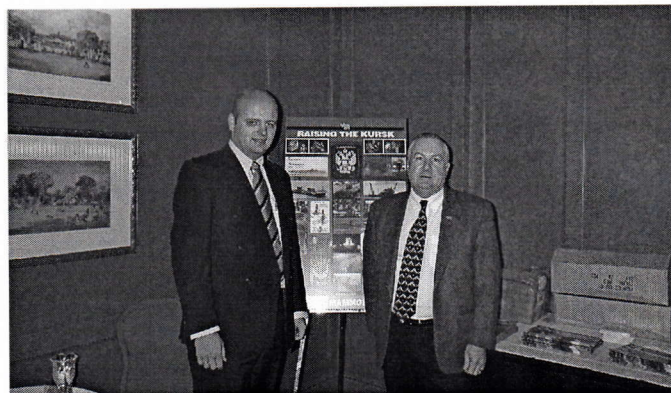
Kerr, Adam
Kieninger, Karl
Knight, Peter
Meador, Charles
Ritchie, Steve
Robbins, Larry
Smith, Kevin

United Kingdom
U.S.A.
New Zealand
U.S.A.
Scotland (Life Member)
New Zealand
New Zealand

At the CHA National AGM and Dinner, Calgary, October 15, 2003



PSB V-P Bruce Calderbank Receiving Thank You Plaque



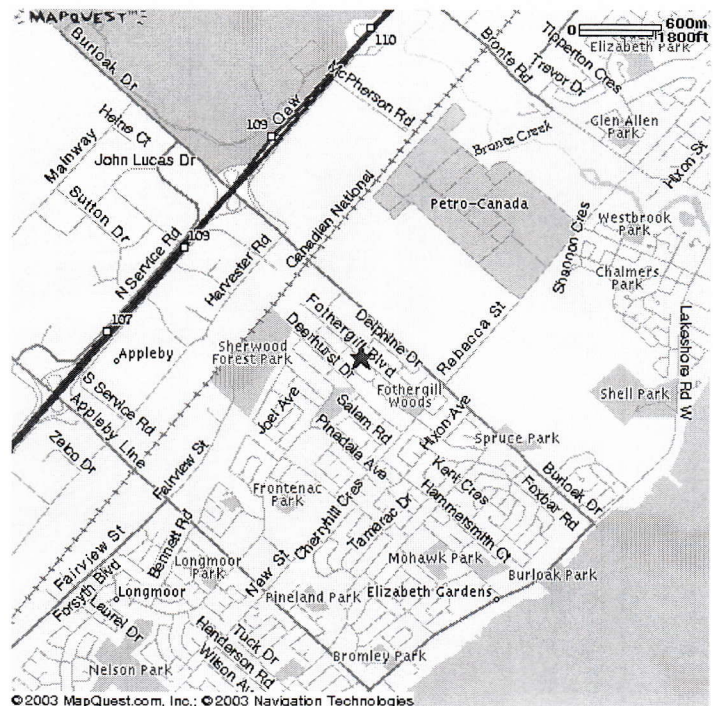
Guest Speakers from Mammoet: Bas & Gordon Guenette

Next General Meeting of CHA Central Branch

The next meeting of Central Branch will be held on Thursday, **November 6th** at Tim Janzen's new residence: 572 Fothergill Blvd., Burlington. Our guest speaker will be Hans Biberhofer, Sediment Scientist with the National Water Research Institute. He is currently involved with contaminated sediment investigations and habitat mapping as well as substratus data and mapping. His topic will be "Multi-beam Data: Beyond Charting", discussing the benefits of the multi-beam surveys done in Hamilton Harbour and Cornwall for sediment remediation, planning and designing studies, ship traffic, etc.

From the QEW, exit SE on Burloak (toward the lake). Go across the tracks and turn right at the lights (Prince William). Stay on Prince William (a few short blocks) until it dead-ends on Fothergill Blvd. Turn left on Fothergill and 572 will be on the right hand side (dark red garage door). There are mailboxes directly across the street from the house - park on the mailbox side - you will be ticketed for parking on our side of the street.

If heading NW on Burloak, Fothergill has an entry point just north of New Street.



CHA Corporate Member **Canadian Centre for Marine Communications (CCMC)** of St. John's, Newfoundland, is leading the way in Networking Canada's Ocean Community:

Established in 1989, CCMC is a national independent ocean technology support organization that provides financial, technical and marketing support services to Canada's ocean technology community. We have as a primary goal to continually improve the competitiveness of Canada's ocean technology community, and this is accomplished through a series of initiatives classified under three areas: Technology Development, Industry Development and Business Development.

Through our *technology development* services, CCMC provides financial assistance to qualified industry partners involved in the development of innovative ocean technologies and related processes. Through a series of initiatives delivered under the headings of *industry development* and *business development*, we provide technical support, help build capacity in the national ocean technology community and also develop international opportunities for our network members here at home. CCMC's national network is considered to comprise all of Canada's ocean technology community players across industrial, academic and governmental borders. The organization is supported in part by its fee-for-service activities, in conjunction with membership fees provided by the Canadian ocean technology community and other strategic partners.

For the first time in Canadian history, the full breadth of the country's ocean technology community united in St. John's, Newfoundland and Labrador on October 20-21 to present, discuss, prioritize and network on the topic of *Innovation for the Oceans*. A CCMC initiative under its *industry development* portfolio, *Ocean Innovation 2003* was a premiere conference and exhibition that sought to improve Canada's international competitiveness in ocean industries by better networking the country's intellectual, commercial and governance resources for mutual advantage. Held at the Delta St. John's Hotel and Convention Centre, this event expected to set a benchmark for ocean industries in Canada and serve as the foundation for a series of recurring annual events to be held in different parts of the country.

For further information, check it out on the web at www.oceaninnovation.ca. [More to follow in our next issue...]



CLAYTON S. BURRY
Director
Industry Development

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E-mail: cburry@ccmc.nf.ca Web Site: www.ccmc.nf.ca