

The Canadian Hydrographic Association
Association canadienne d'hydrographie



NEWSLETTER

*** April/May 2003 ***

Vol. 17, No. 4

Canadian Hydrographic Association

Central Branch

2003 Executive

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(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,
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: - 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

Aloha!

Wow! Fantastic! Those are just a couple of words to describe the recent gathering of hands and friends of the Heritage Launch Surveyor. The event was held at the home of CHA member Heimo Duller and family and was very well done, with the basement done over to give the appearance of being in the belly of a ship. A lot of effort was put in; from the benches we sat on, to the pieces of "cargo" and gear stacked about the room and parceled up in canvas. There were over a score of hands present, dressed in their best 19th century period regalia, and the memories of the last 10 years, stories and tankards all flowed, or overflowed, as the case may be. My compliments go to the galley staff, who prepared a meal of traditional fare, but done to a standard that I'm sure seafarers of the day would not have been accustomed to - there would have been no threats of throwing these cooks over the side! After we had had our meal, blessed by Captain Bibby, and taken in the ambience of candle lantern light, Brian and Heimo stood up to make some presentations. Significant moments in the life of the Launch were recounted and the contributions of individuals were recognized - recognition accompanied by commemorative pewter medals, cast by Heimo himself! All in all, it was a fantastic evening of nostalgia, reminiscing and camaraderie. I was honoured to be present, and would like to thank Heimo, Leigh, Julia, and Brian for their efforts.

If you would like to get in on the camaraderie, your chance is quickly approaching, with two Launch events on the horizon; Upper Canada Trade Faire in Odessa, May 9-11, and the landing of settlers at Port Hope, June 6-8 at Port Hope. I encourage you to get involved with these events if you can, and if so, contact Brian Power.

The other item of note is the completion of the Side Scan Sonar Course, held in Burlington. The course's practical approach to side scan sonar use and data interpretation taken by instructor Garry Kozak seems to have been very well received. I heard many positive comments and nary a discouraging word from the 35 participants. Due to its success, and the fact that the course filled quickly and generated a waiting list, the CHA (either here, or at another Branch) will consider hosting it again, in the not too distant future. It was great to be able to meet some of our new members face to face, and I would like to thank all of you who participated!

As a parting comment, the next meeting on May 22 will be held at my place (see ad in this newsletter), and I look forward to hosting you.

Until such time...

Happy hydrography!

- Tim.

The following photographs were taken during the evening of the celebration.



Gala Reception on the Gundeck of HMS Mansfield (Burlington)



Captain Bibby Addresses his Crew Before Dinner



Recognition of and Awards Presentation to Launch Hands



Chow Time - With Period Fare and Dress

Minutes of General Meeting of CENTRAL BRANCH held on 30th April 2003

1) The meeting was held at the residence of Nancy and Ab Rogers. Tim thanked the hosts for their hospitality and called the meeting to order at 19:19.

Attendees:

Tim Janzen - VP- Chair,	F. Oliff – Secretary,	
J. Walker –Treasurer,	D. Gartley - VP - Pacific Branch	
Andrew Leyzack	Brian Power	Laimis Liatukas
Janis Davies	Carol Robinson	Ab Rogers
Earl Brown	Scott Youngblut	Karl Rhynas
John Medendorp	Mike Bennett	Jim Weedon

Regrets: H. MacArthur, L. Robbins and A. Knott

Guest Speaker- Jon Preston of Quester Tangent

2) Minutes of the 27 March meeting were available.

B. Power and A. Leyzack noted that it was due to withdrawal of support of the USCG, not CCG, that the landing at Fort Niagara and the row across Lake Ontario was cancelled.

- Moved A. Leyzack/J. Medendorp CARRIED

3) Treasurer's Report: J. Walker presented the Treasurer's Report.

- Moved S. Weller/B. Power CARRIED

4) Correspondence: (T. Janzen) No correspondence but regrets from H. MacArthur, A. Knott and L. Robbins. Barry Lusk replied to Tim's editorial regarding hydrographic education in Canada.

4) Committee Reports:

Admiralty Launch Surveyor: (B. Power) Ten new oars have been obtained from Discovery Harbour, for the price of \$350. The 10th Anniversary dinner was a resounding success. Approximately 22 or 23 participants from the past ten years attended. Tim thanked Leigh, Julia and Heimo for their efforts and for hosting the dinner. Brian said that the launch has been uncovered and is now on the trailer, which was recently certified. A Marine Inspection Certificate is being pursued through the CCG.

Gerry Wade Library: (T. Janzen) An almost complete set of Lighthouse is now in the collection. The material has been catalogued. A recent addition to the library is a text on GPS, authored and donated by CHA member Dr. Ahmed El-Rabbany

Meetings: (T. Janzen for H. MacArthur) The May 22nd meeting will be hosted by Tim in Grimsby. The Annual General Meeting has been booked for December 11th at the Mimico Cruising Club. A speaker has been secured.

Sidescan Course: (A. Leyzack) The course is in progress and is going really well, with lots of positive comments from attendees. The last day of classroom was today, with launch demonstrations starting tomorrow.

Lighthouse: (A. Leyzack) The next edition will be sent to the printer in the next week. Reports from other Branches have been very slow to come in, with none from Pacific, Prairie Schooner, or Quebec. A new column, "Announcements", has been added, with a posting of National events; some involving allied organizations, such as ACLS, FIG and CIG. This will be a mostly black-and-white issue, with some colour advertisements. At this time there has been no correspondence from the CHC2004 organizing committee about advertising.

Membership: (B. Power) There are currently 75 paid-up members of Central Branch. This includes 32 in-house, 19 out-of-house, 12 international, 4 life, 1 honorary and 7 of the 10 Corporate (formerly

Sustaining) members. Receipts and cards are being sent out. The next edition of the newsletter will contain certificates for Corporate members identifying them as such, rather than Sustaining. We will be dating future certificates so we can track when they joined.

Web-site: (J. Weedon) The new address is now up and running (www.hydrography.ca). By Friday, May 9th, the existing site will be transferred over to the new site, and a link will be established to redirect users of the older site. Branch pages will be done by Jim or by the Branch itself. A meeting tomorrow will be held to figure out some of the details. Links to the CHC2004 and Friends of Hydrography web-sites were requested.

6) National President: (A. Leyzack) There is a lot going on in the National scene. Bruce Calderbank of Prairie Schooner Branch has been instrumental in assisting with organizing Geomatics 2003 (CIG) and preceding workshops in Calgary, from October 14-18. The CHA is co-sponsoring an offshore consultation workshop, hosted by the ACLS, to take place concurrently with the conference. The CHA will have a National AGM and Director's meeting to coincide with this conference. National will budget funds to support the workshop and CHA Directors to attend the workshop and conference.

Andrew recently attended the FIG Working Week 2003 in Paris as Secretary for Commission 4. Adam Kerr is the chair of the Strategic Partnerships Working Group, and is trying to group all hydrographic associations under one international umbrella organization. National hydrographic associations are being invited to join the FIG under Commission 4. The FIG serves its member associations by producing "best practice" reports and has a Code of Ethics.

Should CHA join FIG under Commission 4? What would be the benefits? For instance, it is being proposed that professional-level publications such as the International Hydrographic Review could be distributed to the membership. Some of the issues that are being worked on are the Marine Cadastre and Coastal Zone Management. Michael Sutherland, is currently the Chair of the Coastal Zone Management Commission 4 Working Group. Dr. El-Rabbany (a Central Branch member) is a Chair of a working group dealing with Vertical Datums and is cooperating with Commission 5 (Positioning and Measurement) members in this regard. This is a good opportunity to become more aligned with activities relevant to hydrography. The International Federation of Hydrographic Societies is primarily a learned organization, whereas FIG is a professional organization concerned with best practice issues.

7) Other Business: (T. Janzen) the Transfer of Surplus Funds, including the definition, formula and exclusions was discussed. The Multibeam course, held last year, generated approximately \$44,000 and according to the formula, approximately \$26,000 will be transferred to National. The CB Executive has passed this proposal and transfer, and will be tabled for acceptance by other Branches at the next meeting of the National Directors.

Laimutis Liatukas pointed out a mistake in his e-mail address as published in the last newsletter. It should be laimisl@yahoo.com.

ACTION: Andrew will check that this is corrected in Lighthouse prior to publication.

7) The business part of the meeting adjourned at 20:25.

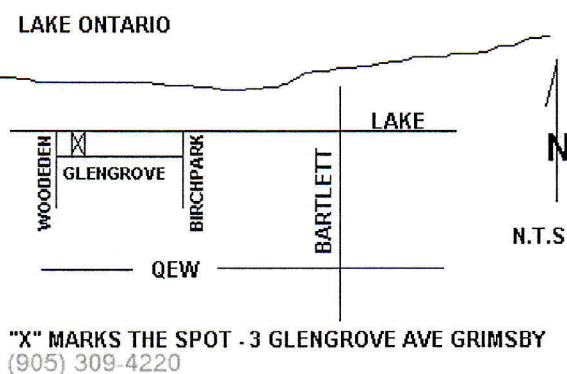
- F. Oliff/E. Brown

CARRIED.

Our guest speaker, Jon Preston of Quester Tangent, provided us with a very informative computer-assisted demonstration on bottom classification using QT's Multiview and Sideview software. After the talk, we enjoyed our traditional beer, pizza and discussion.

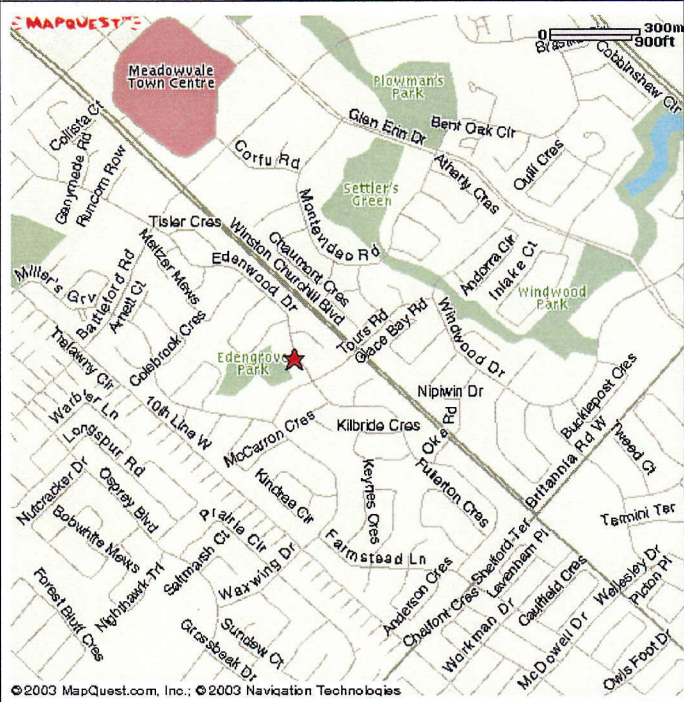
Next meeting

Our next general meeting is at 1900hrs on Thursday May 22, at the Janzen abode. The guest speaker for the evening will be Anthony Sani OLS, with the topic "Capturing Accurate Shorelines in the Arctic." Our traditional refreshments will be available. Members and guests are welcome.



CHA BBQ

The 2003 CHA BBQ will be held at the McFarlane residence, 6420 Edenwood Drive, Mississauga. It will be held on Saturday June 28th, with a rain date of Sunday June 29th, and it will start at 1:00 p.m. All the food, fixings and beverages (plus sunshine, hopefully) you could want will be provided, but please bring your lawn chair and either an appetizer, munchies, or a salad. All CHA members, families and friends are invited. Hope to see you there for a day of fun in the sun! Please direct any inquiries you may have to Branch VP Tim Janzen, at 905-336-4846 (w), or 905-309-4220 (h).



Central Branch Treasurer's Report

31 December 2002 to 26 April 2003

Balance forward December 31, 2001: \$ 44,138.92

Receipts	
Membership Dues (2003)	\$ 2,857.85
H2O Bonspiel	1,481.79
AGM Sponsorship/Refund	127.00
CHC 2002 Proceedings	22.41
Side Scan Course	13,547.86
Bank interest	6.47
	\$ 18,043.38
	\$ 62,182.30

Expenditures	
Postage	\$ 301.16
Seminars and meetings	80.04
Cheque re-order	37.14
H2O Bonspiel ice and catering	1,613.95
NewsLetter Paper	126.12
Room Rental for Side Scan Course	428.00
	\$ 2,586.41

Working balance 26 April 2003: \$ 59,595.89

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	\$ 859.84
	\$ 859.84
	\$ 7,004.75

Expenditures	
Stationery	\$ 66.79
	\$ 66.79

Working balance 26 April 2003: \$ 6,937.96

Admiralty Launch Surveyor Convenience account

Balance forward 31 December 2002: \$ 897.90

Receipts	
Heritage Launch Rental fee	\$ 500.00
	\$ 500.00
	\$ 1,397.00

Expenditures	
Oars	\$ 0.00
	\$ 350.00

Working balance 26 April 2003: \$ 1,047.90

Please note the corrections to the name spelling and the e-mail address in the following personal advertisement, which was published in the last newsletter.

Personal Advertisement

Laimutis Liatukas – Hydrographer

Extensive knowledge and experience in managing, operating, calibrating *Multi/Single Beam (ELAC Nautik) and Swath Sonar Systems*, surveying techniques and planning.

Thorough knowledge in bathymetric data processing and quality control.

Self-motivated professional, focused on result achievements, familiar with working under high-pressure environments, technically oriented and experienced navigator aboard ships of 500BRT or more.

Affiliation – Canadian Hydrographic Association, Central Branch

Seeking Employment

(416) 588-2331, email: laimisl@yahoo.com

Side Scan Training Course

Thirty-five participants from various government departments and private sector companies attended the Side Scan Training course, held April 29 to May 1 in the Hamilton/Burlington area. Of the 35, 18 were CHA members. Course participants hailed from as far as the Pacific, Maritimes and United States. Registration in the course brought with it two new Corporate Members; ASI - Group of St. Catharines, Ontario, and Klein Associates of New Hampshire, USA, plus two new regular members; Ricardo Ronca and Brian McCrodan, both divers from Peterborough, Ontario. Furthermore, interest in renewing a Corporate Membership in CHA was expressed by Jon Preston of Quester Tangent.

Feedback from the course participants was very positive and we wound up with a waiting list and requests for future offerings.

The demonstrations and seminars were provided by Klein Associates, McQuest Marine Sciences (for Imagenix) and the Quester Tangent Corporation.

Thanks to all participants and industry representatives for contributing to the program.

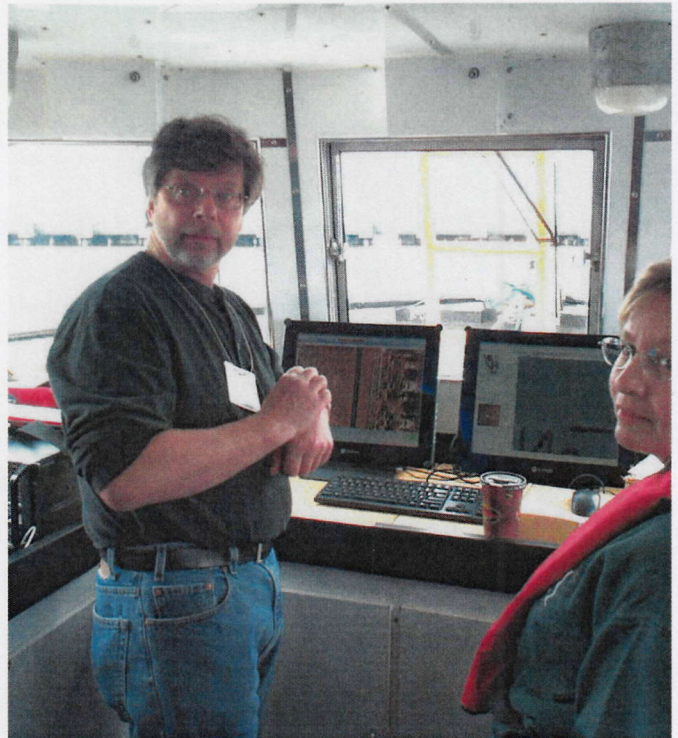
Side scan images from the demonstrations will soon be posted on the web site.

For more information please visit:

<http://biachss.bur.dfo.ca/cha-ss2003/>

– Andrew.

The following photographs were taken during the course.



Instructor Garry Kozak Demonstrating Klein's 3000 Digital Side Scan Sonar Aboard M/V Agile



Klein 3000 Gear



Imagenix Tow Fish Aboard McQuest's Extreme Surveyor

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Dear Colleague,

It is my great pleasure to invite you to the 96th Annual Conference of the Canadian Institute of Geomatics, **Geomatics for Industry - Micro to Macro**, being held October 16-18, 2003 at the Fairmont Palliser Hotel in Calgary, Alberta.

Unprecedented growth in Canadian industry has resulted in numerous advances in the technology and skill sets associated with geomatics. The Conference will demonstrate some of these achievements at an open forum where professionals from the geomatics community, as well as professionals from industries which employ geomatics, can observe the latest developments in the state-of-the-art geomatics services available in Canada.

Canada has a proud and outstanding history in geomatics, and the Institute confidently expects that this excellence will continue. Academic institutions, technical schools, government agencies, commercial corporations and professional associations have all contributed to the international recognition of skills and abilities associated with geomatics in Canada. Our world-class professionals are capable of satisfying the geomatics requirements of all clients and users. The Conference offers a fine opportunity for speakers to showcase innovative methods and offer practical solutions to a variety of geomatics problems.

Geomatics for Industry - Micro to Macro promises to be an outstanding professional event. For further details, please visit our web site at www.cig-acsg.ca.

I look forward to seeing you in Calgary.

Alec McEwen
Conference Chair

Mesdames, Messieurs,

C'est avec grand plaisir que je vous invite à la 96^e conférence de l'Association canadienne des sciences géomatiques, **Les sciences géomatiques pour l'industrie – de micro à macro**, qui aura lieu le 16 au 18 octobre 2003 au Fairmont Palliser Hotel, à Calgary, Alberta.

La croissance sans précédent de l'industrie au Canada a engendré un grand nombre de progrès dans la technologie et les ensembles de compétences liées aux sciences géomatiques. La conférence illustrera certaines de ces réalisations dans le cadre d'un forum ouvert où des professionnels de la collectivité des sciences géomatiques ainsi que des professionnels des industries qui utilisent les sciences géomatiques pourront découvrir les derniers développements dans les services de géomatique d'avant-garde disponibles au Canada.

Le Canada possède des antécédents en sciences géomatiques qui sont remarquables et qui lui font honneur et l'Association prévoit avec confiance que cette excellence se poursuivra. Les établissements d'enseignement, les écoles techniques, les agences gouvernementales, les entreprises commerciales et les associations professionnelles ont tous contribué à la reconnaissance internationale des compétences et des habiletés liées aux sciences géomatiques au Canada. Nos professionnels de classe internationale sont capables de répondre aux besoins en sciences géomatiques de tous les clients et de tous les utilisateurs. La conférence offre une occasion idéale aux orateurs de présenter des méthodes novatrices et des solutions pratiques utilisées pour une variété de problèmes liés à la géomatique.

Les sciences géomatiques pour l'industrie – de micro à macro, se promet d'être un événement professionnel mémorable. Pour plus des détails, S.V.P. visiter notre site Web à www.cig-acsg.ca.

J'ai hâte de vous rencontrer à Calgary.

Alec McEwen
Président de la conférence