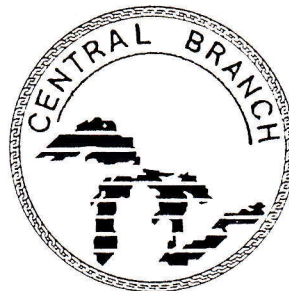


The Canadian Hydrographic Association
Association canadienne d'hydrographie



NEWSLETTER

*** January 1994 ***

Vol. 8, No. 1

Canadian Hydrographic Association

Central Branch

1994 Executive

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Secy.-Treasurer: Andrew Leyzack (905) 336-4847
Executive Members: Jon Biggar (905) 336-4832
Jennifer Campbell (905) 336-4827
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Ken McMillan
489 Enfield Road
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All others:

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

Please note: on 4 October 1993 our area code changed from (416) to (905)

Central Branch Committees

Membership/Nominations/Elections

Terese Herron, Jon Biggar, Jennifer Campbell.

International Members

Terese Herron, Andrew Leyzack, Larry Robbins,
Sam Weller.

Lighthouse

Terese Herron, Chris Gorski, Sam Weller.

Social Events

BBQ: J. Campbell, Jon Biggar, Chris Gorski.
AGM: S. Hinds, J. Biggar, J. Campbell, T. Herron.
H2O: Brad Tinney, Brian Power, Dave Pyatt.

Seminar

S. Hinds, C. Gorski, A. Leyzack, K. McMillan.

NewsLetter

Sam Weller, Chris Gorski, Terese Herron,
Andrew Leyzack, Larry Robbins.

Wade Essay Award

Andrew Leyzack, Sean Hinds.

Heritage Launch

Sean Hinds, Jim Berry, Andrew Leyzack,
Ken McMillan, Brian Power.

Notes from the Branch Vice-President

To begin I would like to say thank you to Sean for all his time and effort over the past four years. Central Branch has come a long way in that time, through the dedication of several members and Sean's leadership. On behalf of the Branch, "Thanks Sean"; you can relax but I'm sure we will be seeking you out for input.

The Heritage Launch is a vital part of our Branch. An idea became a dream and is now a reality. There are several events being lined up for the summer months and we will also be hosting Bingo to raise some money for the Launch. The Heritage Launch is well received where ever it goes and the events are always a lot of fun for participants. Come on out and support the Project even if it's one event or one Bingo shift; the more people involved the lighter the load.

Our 23rd Annual H₂O Bonspiel will be on Saturday 12 March. Get your name in soon – you'll have a fun day and a great meal.

To increase our membership we will be seeking out potential members this year. If you know of someone or any people in Private Industry who would be interested in the CHA, please let us know so we can contact them.

– Terese Herron

Next Meeting

The next CHA meeting is at 19:00 on Tuesday February 15, at Keith Weaver's home: 2668 Cavendish Drive, Burlington [just off Brant Street, south of Highway 5].

Our guest speaker will be Keith Clifford, Port Meteorological Officer with the Atmospheric Environment Service, Environment Canada, Ontario Region. He'll be speaking about Marine Weather Activities on the Great Lakes. Our traditional beer and pizza will follow his talk. Hope to see you there!

News of our Members

Les R. Peer, originally from Belfast, Northern Ireland, completed his education at Humber College, Toronto, and graduated as an Electronic Technologist. Les spent 15 years in the development, testing, manufacturing and servicing of geophysical prospecting instruments, then in 1980 joined Environment Canada where he has been working in the Calibration Laboratory of the National Water Research Institute at CCIW. In 1983 Les became the Head of the Calibration Lab.

Married to Anne, Les's hobbies include building models and full-size replicas of historic sailing craft; he has devoted many loving hours to our CHA/CB Heritage Launch. He and Anne spend their summer leisure hours sailing Lake Ontario in their 24 foot Shark sailboat, "checking out the CHS charts," he says.

Central Branch of CHA – Financial Statement

12 Months ended 31 December 1993 (unaudited)

Balance forward 31 December 1992: \$ 554.83

Receipts

Membership Dues	\$ 3,970.07
H ₂ O Bonspiel	1,660.00
AGM -cash in	1,340.00
Conference Workshop	5,484.41
CHA Brochures	880.44
CHA Student Award	260.59
CHA Shirts	1,792.49
Conference - misc.	1,670.01
CHA Mugs	938.38
Books	775.00
Bank Interest	9.23
	<u>\$ 18,780.62</u>
	\$ 19,335.45

Expenses

National Dues	\$ 1,980.00
Postage	857.34
H ₂ O Bonspiel	1,853.10
AGM - cash out	1,450.26
BBQ	117.44
CHA Brochures	880.44
Meetings	217.37
CHA Shirts	1,621.89
Calligraphy	18.00
Newsletter	192.05
CHA Student Award	260.59
Directors' Meeting	20.00
Conference Workshop	3,458.60
Books	965.00
CHA Mugs	1,715.30
Conference - misc.	1,766.92
Bank Charges	55.26
	<u>\$ 17,429.56</u>
	\$ 1,905.89

Heritage Launch Project - through CHA/CB account:

Receipts	\$ 2,432.05
Expenditures	4,701.29
	<u>\$ (2,269.24)</u>

Working Balance 31 December 1993: \$ (363.35)

[Note: To assist the Editorial team, some Lighthouse income and expenditures (reported below) are handled by the Central Branch treasurer. The balance is held available and is passed to Lighthouse on request.]

Lighthouse "Convenience" Account

Balance forward 31 December 1992: \$ 253.44

Receipts

Subscriptions	\$ 2,418.50
	<u>\$ 2,418.50</u>
	\$ 2,671.94

Expenditures

Postage	\$ 833.28
Reprographics work	477.49
	<u>\$ 1,310.77</u>
Working Balance 31 December 1993:	<u>\$ 1,361.17</u>

Minutes of General Meeting of CENTRAL BRANCH held on 19 January 1994

1) The first General Meeting of 1994 was held at Vice President Terese Herron's home in Waterdown. Terese welcomed everyone and called the meeting to order at 7:15pm.

Attendees:

Terese Herron - V.P.
Brad Tinney acted as Secretary
Bruce Wright George Fenn Brian Power
John Dixon Heimo Duller Lorne Joyce
Sean Hinds Chris Gorski Peter Knight
Ab Rogers Mike Bennett Les Peer
John Medendorp Dave Pyatt Bill Warrender
Gunther Schutzenmeier

2) The minutes of 2-Dec-93 meeting were circulated in the last newsletter and were available at the meeting.
- Moved S. Hinds/B. Power CARRIED

3) Treasurer's Report: Terese stated that the 1993 year-end treasurer's report is yet to be audited by Rick Sandilands but will be presented at the next General Meeting in February and published in the coming (January) newsletter. The income and expenses report for the 1993 AGM was shown.

- Moved L. Peer/J. Medendorp CARRIED

4) Social: Terese reported that the H2O committee has been formed with Brad Tinney, Brian Power, and Dave Pyatt. The H2O Bonspiel is scheduled for March 12th at the Dundas Granite Curling Club.

5) Sean presented a BINGO report and described the \$7,000 requirement outstanding on the Heritage Launch Project. Andrew Leyzack is heading the Bingo project and is looking for volunteers.

6) Seminar: Brian is planning a seminar in February, date to be announced in the January newsletter.

7) Lighthouse: Terese stated that the journal will be going to press in about two weeks.

8) Membership Committee: Terese reported that paid-up 1993 membership stands at 30 International, 25 out-house, 40 in-house and 7 Sustaining Members.

9) Heritage Launch: Sean reported on the Heritage Launch Project, stating that our participation in the 1994 Toronto International Boat Show went off well. Sean reported on his presentation to the joint Company of Master Mariners/CHA meeting on Tuesday, January 18 at HMCS York, Toronto. A schedule of events for the 1994 season is being developed with much activity to be expected in the southern Georgian Bay area.

10) Wade Essay: Terese reported that Andrew and Sean are planning to revive the Award. The award budget has been increased to \$500 to raise interest. Peter Knight stated that he is willing to look into a true sustaining fund.

11) A motion was made to adjourn the business meeting.
- moved J. Medendorp/B. Power CARRIED

The business part of the meeting adjourned at 8:00pm.

The attendees were then entertained by speaker Lorne Joyce from the Mississauga Historical Society. Lorne's topic: Early Ships on the Great Lakes. The slide show presentation contained some wonderful pictures. Mr. Joyce has a wealth of knowledge of the time, the people and the ships. The evening was topped off with the usual fare of pizza and beer.

CHA Bingo Nights

The following motion was moved and actioned at our last meeting regarding our Branch's commitment to Bingo as a Heritage Launch Fund-raiser:

that Central Branch commit to Bingo and possible shows, and the funds be forwarded to the Heritage Launch Project.

A show of hands was made by those willing to volunteer for bingo pending the acceptance of our application for a lottery license and the availability of bingo times.

Well friends, the moment is here! The CHA Central Branch, in keeping with the objectives of the Heritage Launch Project, has been approved by the City of Burlington to run a Bingo, and Bingo World (1400 Plains Rd and Brant) has some twilight slots (4 - 6 pm) available. Bob Langford and Brad Tinney (CHS), both bingo veterans, have offered to help prepare volunteers for the Bingo duties. A maximum of 5 people will be required per event.

We'll be set to start in February and could be running every two weeks. A 3 hour commitment (1½ hour before and after the two hour game) will be required.

All interested volunteers please respond to Andrew Leyzack by E-mail or at (905) 336-4851 work or (905) 563-1848 home.

Please come out and offer your time to support a most successful project.

Congratulations!

Peter Knight was presented with the Centennial Award at Erindale College in October. This award, offered by the Educational Foundation of the Ontario Association of Land Surveyors, was presented to Peter in recognition of his graduate work and published papers in the field of survey law. Peter's paper in the CIG/CHS 1993 Conference Proceedings was recently reprinted by AOLS in the Winter 1994 edition of *The Ontario Land Surveyor*.

International Column

by Gary Chisholm

We are pleased to welcome Gary Chisholm of New Zealand to our International Column as Guest Columnist this month. Thanks, Gary, for writing.

One fine spring morning I woke to the news of the Canadian elections – the Progressive-Conservative party Government went from 170 seats down to 2. The new Government was voted in by a massive swing.

By the time I was in the shower I wondered if there was a parallel in hydrography? My 'mandate' would be to see all hydrographers electing DGPS (ie. those yellow boxes) as their positioning system. I can safely say that those companies involved in offshore survey work are buying only DGPS systems today. Many navies of the world are planning for, or have, DGPS. BUT those involved in dredging ports and harbours are still hesitant on DGPS and hold tightly to range/range and range/bearing systems. Give them a few more years...

Another chance I get to meet my 'mandate' is to get the kids at University. About 20% of graduates from the School of Surveying here in New Zealand get employment in hydrography. Hydrography is the most popular course in the School. Each year I lecture on the theory (and error budget) of DGPS. That's easy to convince them about DGPS.

However, some 'parties' cannot be trusted with their DGPS advertising claims. What's new? I think every company now claims 'sub-metre' DGPS accuracy – but read the small print & ask around; some aren't correct.

On a personal side, my team of surveyors have been busy in Croatia, Pakistan and Bangladesh installing DGPS/HYDRO systems. We get all the good jobs! However we have been making use of some good Canadian HF radio link technology. HF, or satellite links, are good for remote sites but my vote is for the use of RTCM modulated onto radio navigation beacons. These reference stations are being set up by Governments in USA and Europe, and in your neighbourhood! The RTCM message is free, widespread across water and land, but not available in NZ!

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Gary Chisholm – and TrimbleNavigation – also took the opportunity to sponsor the Ad-spot this month. Thanks, Gary, for your support. Even though he himself is paying for the ad, Gary suggested we use Steve Smith's card as it would be more helpful to our North American readers. Double thanks, Gary.

For our readers in the Antipodes, Gary's address is: Trimble Navigation New Zealand Ltd., 76 Chester Street East, P.O. Box 13-547, Armagh, Christchurch, New Zealand. His Fax is: + 64 3 371-3417.

*** SPECIAL EVENT ***

Central Branch proudly presents the 23rd Annual H₂O Bonspiel. This will be held at The Dundas Granite Curling Club on Saturday 12th March 1994.

This is a fun bonspiel; even first-time curlers will enjoy it and are more than welcome. Your entry fee (about \$26) includes the curling, a fine home-cooked meal and (thanks to our generous sponsors) we expect there will be prizes for everyone. Previous 'Spiels have been lots of fun, so mark the date on your calendar.

If you or your firm could be a sponsor please give Brad Tinney a call at (905) 336-4728. Sponsors are welcome to enter their own teams, so line 'em up and get 'em in.

Central Branch 1994 BudgetAnticipated Revenue:

Membership dues		\$ 4,050.00
70 Branch @ \$ 30.00	\$2,100.00	
30 Int'l @ \$ 30.00	900.00	
7 Sustaining @ \$ 150.00	1,050.00	
Heritage Launch Bingo	2,000.00	
Sales Revenues	200.00	
Bank Interest	10.00	
Receivables - Heritage Launch	2,269.24	
<u>Total income:</u>		<u>\$ 8,529.24</u>

Anticipated Expenditures:

National Dues	\$2,200.00
Heritage Launch Bingo	2,000.00
CHA Publicity Display	800.00
Postage	1,000.00
AGM	400.00
Members' Professional Development	500.00
Seminars	200.00
H ₂ O Bonspiel	200.00
Newsletter	250.00
Barbecue	150.00
Wade Essay Award	500.00
Calligraphy	40.00
Miscellaneous	50.00
Bank Charges	30.00
<u>Total expenses:</u>	<u>\$ 8,320.00</u>

**TrimbleNavigation**

Steve Smith

HYDRO/Differential Systems Manager

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