

The Canadian Hydrographic Association
Association canadienne d'hydrographie



NEWSLETTER

*** September/October 1996 ***

Vol. 10, No. 5

Canadian Hydrographic Association

Central Branch

1996 Executive

Addresses:

Vice-President: Terese Herron (905) 336-4832
Secy.-Treasurer: Andrew Leyzack (905) 336-4846
Executive Members: Jon Biggar (905) 336-4832
Jennifer Campbell (905) 336-4827
Al Koudys (905) 336-4835
Paola Travaglini (905) 336-4851
Bill Warrender (905) 632-5747
Sam Weller (905) 336-4732

Bill Warrender, 1218 Hammond Street, Burlington
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All others:

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

Our Internet address (for most of the Branch Executive): firstname_lastname@powershare.chshq.dfo.ca

Central Branch Committees

Membership/Nominations/Elections

T. Herron, J. Biggar, J. Campbell, A. Koudys.

Lighthouse

T. Herron, J. Weller, P. Travaglini, A. Leyzack.

Social Events

BBQ: J. Biggar, P. Travaglini, A. Koudys,
J. Campbell.

H₂O: A. Leyzack, P. Travaglini, B. Power,
J. Miles, B. Tinney, D. Pyatt.

AGM: J. Campbell, A. Leyzack, J. Biggar,
A. Koudys, T. Herron.

International Members

T. Herron, P. Travaglini, L. Robbins, J. Weller.

Seminar

W. Warrender.

NewsLetter

J. Weller, T. Herron, A. Leyzack, L. Robbins,
K. Weaver.

Wade Essay Award

W. Warrender, A. Leyzack.

Heritage Launch

A. Leyzack, W. Warrender, J. Dixon, B. Power,
H. Duller.

Notes from the Branch Vice-President

Field season has ended, Hallowe'en is just around the corner and our Branch meetings have started again. As in previous years, it is election time. Members should be thinking about who they would like to have on the Branch Executive in 1997. Nominations were opened at the October meeting and the Nominations Committee is awaiting your nominations.

Serving on the Executive can be very rewarding, so please consider accepting a nomination and donating some of your time to the CHA.

Nominations will close at the meeting on 6 November, ballots will be sent out with the NewsLetter, voting will close at noon on 5 December and the 1997 Branch Executive will be announced at the AGM & Dinner on 5 December.

A big thank-you to the organizers and hosts of the BBQ. The turnout was great, the weather was fine, and the food was excellent. Thanks to everyone who contributed.

To those of you wondering where Lighthouse is ... it is coming. Edition 53 is close to going to press.

Hope to see you at the November meeting at Bill Warrender's home. Thanks again, Bill.

- Terese

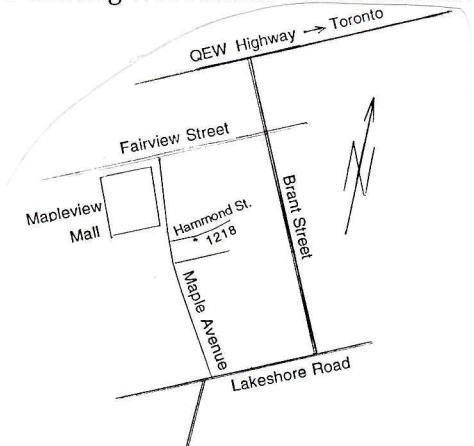
Next meeting

Our next meeting is at 19:00 on Wed. 6 November 1996 at Bill & Helen Warrender's home: 1218 Hammond Street, Burlington [off Maple Ave. south of Fairview].

This meeting will receive the Nominations Committee report with names of people nominated for election to the Central Branch Executive for the year 1997.

Our guest speaker will be Doug Cuthbert, M.A., P.Eng. Doug has worked for 25 years with the Department of Public Works and Environment Canada. He is presently with the International Joint Commission's Operations Control Board, which controls the outflow and water levels of the Great Lakes.

The meeting will include our traditional refreshments.



Central Branch

Treasurer's Report to 2 October 1996

Balance forward 2 May 1996:	\$ 4,361.51
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Receipts

Membership Dues	\$ 370.53
Barbecue (raffle & empties)	30.00

	\$ 400.53
	\$ 4,762.04

Expenditures

General Meeting No. 3	\$ 60.00
Newsletter Paper	105.67
Postage	126.20
Barbecue	90.55
Wade Essay Award	200.00
CISM/Bank service charges	16.05

	\$ 598.47
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Balance 2 October 1996:	\$ 4,163.57
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[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 will be passed to Lighthouse on request.]

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Lighthouse "Convenience" Account

31 Dec. 1995 to 2 Oct. 1996

Balance (Audited) forward 31 Dec. 1995:	\$ 1,164.59
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Receipts

Subscriptions (1996)	\$ 1,336.44
	\$ 2,501.03

Expenditures

Transfer to Lighthouse	\$ 1,000.00
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Balance 2 October 1996:	\$ 1,501.03
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... the hazards of uncharted waters ...
CSL Pintail high and dry in Rankin Inlet

Minutes of General Meeting of CENTRAL BRANCH held on 2 October 1996

1) This year's 4th General Meeting was at Terese Herron's residence in Waterdown. Terese welcomed everyone and called the meeting to order at 7:15 p.m.

Attendees:

Terese Herron - V.P.- Chair
Andrew Leyzack - Secretary-Treasurer
Jon Biggar Ken Dexel Peter Knight
Al Koudys John Medendorp Brad Tinney
Paola Travaglini Keith Weaver Sam Weller
Mike Crutchlow - Guest Speaker

2) Minutes of 2 May 1996 meeting were circulated in the last newsletter and were available at the meeting.

- Moved S. Weller/P. Travaglini CARRIED

3) Treasurer's Report: (A. Leyzack) Andrew reported that a statement could not be prepared for the meeting but would be published in the up-coming newsletter.

4) Correspondence: (T. Herron) Terese reported on correspondence with Dave Wells and Dean Fletcher (both of New Brunswick) about membership, and E-mail with Dr. Janet Mersey, Geography Department, University of Guelph, about participation in the Wade Essay Award. We have also been in touch with some of our international members by e-mail.

5) Committee Reports:

Membership: (J. Campbell) Terese reported membership receipts as: 33/38 paid in-house, 21/24 paid out-house, 21/28 paid international, 2 sustaining, and 2 life. Dave Wells and Dean Fletcher, both of New Brunswick, expressed an interest in joining the Branch. K. Dexel suggested the committee approach CHS' newly hired term employees with membership applications.

Action: Terese to approach new CHS term employees for '97 membership.

Outstanding Action 1: Membership committee still to report back comments from former sustaining members.

Outstanding Action 2: Andrew still to forward H2O sponsor mailing list to past president Dave Pugh to assist him with sustaining member campaign.

Seminar: (B. Warrender) On behalf of Bill, Terese reported that National President, Ken McMillan will speak at our next meeting, to be held at Bill Warrender's home: 1218 Hammond Street, Burlington.. [Ken later had to withdraw from this commitment.]

Wade Essay Award: (B. Warrender) The winners of the 1995/96 award were published in the last newsletter.

Lighthouse: (T. Herron) Terese reported there have been some new subscribers and that the next issue is well on its way to completion.

Social Events: Paola reported that 35 (members, their families and guests) attended this year's **BBQ**. She thanked Andrew and Jackie for hosting, Sam Weller for providing the wine, and Al and Jon for their assistance. Report to follow in the next newsletter.

Terese reminded the membership that this year's **AGM and Dinner** is confirmed for December 5 at the Mimico Cruising Club.

Heritage Launch Project: (A. Leyzack) Andrew reported that the Surveyor and her crew enjoyed an active sailing season. In addition to previous commitments, the Surveyor's reenacted early hydrography at the opening of a new exhibit at Penetanguishene, made in honour of the 19th century hydrographer Admiral Henry Bayfield. Consideration from the summer's events amounted to over \$1000 dollars and will be put towards future launch maintenance. Some crew members, less launch will be rounding off the summer on the Thames River by attending Heritage Days at Chatham this coming weekend.

6) Nominations: Terese called for a motion to open the Nominations for the 1997 Executive. Nominations will close Nov. 6 and voting will end noon, December 5, the day of the Annual General Meeting.

- Moved P. Travaglini/A. Koudys CARRIED

7) With no other business to discuss, the meeting adjourned at 20:15.

- Moved S. Weller/J. Medendorp CARRIED

Central Branch member, Mike Crutchlow of the CHS Data Acquisition, Technical Services Division, presented us with a most informative session on the Simrad EM3000 swath system. Those who attended the meeting were provided with a good description of the system, its capabilities, present-day applications and future potential as a hydrographic survey tool. The newly acquired swath system was successfully put to use for the first time in CHS Central and Arctic Region during this season's survey at Rankin Inlet, NWT.

Discussion continued over pizza and beer.

... and turn signals for roos

PERTH, Australia (AP) — Camels have been fitted with flashing bicycle taillights in the Australian tourist town of Broome.

The camels carry tourists for sunset rides along Broome's famous Cable Beach 2,300 km north of Perth.

Toronto Sun, 10 July 1996

The International Column

by Larry Robbins, Commander, RNZN

I've mentioned Adam Kerr and his peripatetic wanderings around the world on hydrographic business a couple of times in this column. I've always thought Adam to be a good ambassador for the CHA. Imagine how impressed I was to find an article in one of the Internet newsgroups recently about a visit that Adam paid to the 'Russian Navy Head Department of Navigation and Oceanography St. Petersburg'. He certainly gets around!

It starts "From 3-4 June 1996, Mr. A.J. Kerr visited the Head Department of Navigation and Oceanography of the Russian Navy. On 3 June, accompanied by the Hydrographer, Vice Admiral A.A. Komaritsyn, he called upon the Naval Chief of Staff Admiral Igor Hmelnov at the Navy Headquarters in Moscow. During this meeting it was possible to stress the importance of Russian participation in the IHO and, in particular, its active participation in the XVth IH Conference. Also arranged during the short time in Moscow was a visit to the Central Research Institute 'DELFIN'. This is a major government research and production institute that produces navigational instruments, primarily for the navy but also now being sold elsewhere.

"Travelling by train overnight, Mr. Kerr next called upon Vice Admiral Komaritsyn at the Head Department in St. Petersburg. During the two day period of his visit to St. Petersburg, tours were arranged of the Hydrographic Office and to the naval base at Kronstadt, where a visit was made to the oceanographic vessel ADJARIA."

The article then goes on to describe in great detail Adam's visit to the Navigation and Oceanography Museum, and a general tour of the offices to see work on modern atlases and on electronic charts. Numerous meetings were held, but he did get some time off to tour the city (it says!). He then went on to visit the Estonian National Maritime Board.

Things here in NZ have been quiet on the hydrographic front. After a detached boat camp survey in the South Island of New Zealand, MONOWAI is gearing up for a survey on the west coast of the North Island, which will probably be her last major survey. The RNZN has just announced its acquisition of an ex-USN TA-GOS vessel, TENACIOUS, which is to be renamed HMNZS RESOLUTION after the vessel used by Cook in his second and third voyages of exploration. She'll arrive here in NZ early next year, and will undertake a refit, amongst other things to fit a multibeam system.

MONOWAI's "cousin", HMAS MORESBY the RAN's principal survey ship, is doing her farewell voyage at

present, though she's apparently had a bit of a reprieve and will get a little more surveying time after that voyage before bowing out in favour of their new ships. For the first time, RNZN survey officers will be working in the Antarctic this (southern) summer as part of the Australian survey team deployed there.

Talking of Cook and Resolution, the last portion of a chart in current use still to be directly attributed to Cook is about to be replaced by a modern survey as mentioned in this column a little while back. The publication date for the new chart of Dusky Sound has now been announced as January 1997 and, the announcement says, a historic cartouche of Cook's plan of Pickersgill Harbour will ensure that Cook's name is perpetuated in its association with this historic area.

It has been good to watch the lengths that a modern Hydrographic Office is going to in order to perpetuate the name and work of the illustrious predecessor.

News & interesting items from (or about) International Members are always welcome. Send them to me at: 1 Varlene Terrace, Forrest Hill, Auckland 1310, New Zealand. Or on the Internet: larry@robbins.gen.nz.

Canadian Hydrographic Association

***** Central Branch *****

1996 ANNUAL GENERAL MEETING & DINNER

Thursday December 5, 1996 at

Mimico Cruising Club
Humber Bay West Park
Etobicoke (Toronto)

CHA Members and Guests: \$25.00 per person

Cash Bar

Cocktail Reception 4:30 pm
Annual General Meeting 6:15 pm
Dinner 7:00 pm
Guest Speaker 8:00 pm

A Registration Form will be in the next NewsLetter.

For reservations and information please contact

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

Last day for Registration: Friday 29 November

INTERNATIONAL MEMBERS of CHA [4 October 1996]

F. Olanrewaju Adelanwa	Nigeria
Sahari Abdul Aziz	Malaysia
Peter Barr	Australia
Guenter Bellach	Thailand
Ing. F. Bianchetti	Italia
Giuseppe Biscontin geom	Italia
Gary S. Chisholm	New Zealand
Ir Eka Djunarsjah	Indonesia
Nick Emerson	Hong Kong
Luis Leal de Faria	Portugal
Randall J. Franchuk	U.S.A.
Ronald Furness	Australia
G.H. Goldsteen	Australia
Cdr. Syed Nasir Hussain	Pakistan
Instituto Hidrographicco	Espana
Adam J. Kerr	Principaute de Monac
Karl Wm. Kieninger	U.S.A.
Austin Kovacs	U.S.A.
Bruce McGowan	Canada
Charles David Meador	U.S.A.
Capt. K. Millen	United Kingdom
Rumlan Bin Mukhtar	Malaysia
Rear Admiral Steve Ritchie (Ret'd)	Scotland (Life Member)
Cdr. Larry Robbins	New Zealand
Paul Sanson	France
John Smart	Canada
Eric Topple	Canada
Jack L. Wallace	U.S.A.
Dave Wells	Canada

Central Branch Nominations

Dear Member,

This is a call for nominations to your 1997 Central Branch Executive. International and Out-House Members have had a growing voice in our Branch over the past few years and we hope this will encourage input to the Nominations Committee.

The positions available this year are:

Vice-President
Secretary/Treasurer
5 Executive Members

Members eligible for nomination are listed above and on Page 6. Please fax #905-336-8916, phone in or mail nominations as soon as possible to one of us:

Terese Herron	(905) 336-4832
Jennifer Campbell	(905) 336-4827
Jon Biggar	(905) 336-4832
Al Koudys	(905) 336-4835

Nominations close at the meeting on 6 November 1996. Ballots will be distributed in the Newsletter and election results announced at the Annual General Meeting. We look forward to hearing from you!

Terese Herron,
Nominations Committee

Meeting of the Working Group to Establish the Minimum Standards for Recreational Vessels Safety Courses

by Andrew Leyzack, CHS representative on the committee

The Canadian Coast Guard (CCG), in co-operation with provincial and private sector agencies, has initiated a program to develop a set of minimum standards for recreational vessels safety courses. The objective is to provide the groundwork for the implementation of a recreational vessel operator's licencing program. With such a program, CCG hopes to attain consistent, safe boater behaviour, and improve boating safety as a means to reduce the loss of life, injuries and property damage resulting from boating accidents.

As a representative of the Canadian Hydrographic Service (CHS), Central Branch member Andrew Leyzack recently attended the first meeting of the working group to establish the minimum standards for recreational vessels safety courses, held in Toronto.

The first purpose of the meeting was to assemble a working group of stakeholders with representation from throughout the country, both government and private sector. Those present varied in experience from canoeist to ship master as well as training and faculty members from various marine institutions. The following is a list of stakeholders:

ARGUS Nautical Sciences

Bombardier, Canada

Canadian Coast Guard

- Maritimes, HQ, C & A, and Pacific Regions
- Search and Rescue
- College Faculty, Sidney
- Rescue Safety & Environmental Response
- Small Vessel Partnerships

CHS, Central & Arctic Region

Canada Safety Council

Canadian Yachting Association

Camosun College, Victoria B.C.

Canadian Power and Sail Squadrons

Council of Boating Organizations of Canada

Georgian College, Owen Sound.

International Sail and Power Association

Institute Maritime du Québec

Maritime Institute of Memorial University, Nfld.

Marine Industry Liason

Nova Scotia School of Fisheries.

Toronto Harbour Commission

Water Craft Training Centre

Another concerned member was a bereaved parent.

Secondly the group was to define the purpose of the standards and the target population. The group thereby established the target population to be "Any person operating any recreational vessel" (as defined in the Small Vessel Regulations of the Canada Shipping Act). No specific age limit was addressed, however there was some consideration with regards to directing

a minimum comprehension level to that of a 12 year-old individual. The purpose of the standards was defined such that they would "provide the minimum level of knowledge and skills to operate a recreational vessel".

Our third task was to review and identify the basic standards, and the rest of the meeting was dedicated to reviewing and editing the CCG College's compilation of recommended subject content: safety equipment, emergencies, boat safety procedures, operator responsibility, basic terminology, weather, local conditions, float plan, pre-departure, vessel operation, navigation, preventive maintenance, water activities, and specific regional requirements. Unfortunately the majority deleted "basic navigation" from the standards, maintaining that a "basic understanding and introduction to the use of charts and maps" was all that was to be required. The majority felt that basic navigation was not necessarily a safety issue. I took advantage of this point to stress to the group that knowing how to use a chart and knowledge of related nautical publications was indeed a safety issue.

Implementation of the standards was not discussed at this stage and I was not able to ascertain whether or not a simple exam would do, or would candidates take a mandatory course prior to testing. There was some discussion on the nature of testing, resulting in a division between those in favour of including a practical element as part of the exam vs. a simple on-paper exercise. Discussion regarding implementation is set to occur in November of this year.

The next meeting is on October 29 in Montreal, at which time this meeting's discussion and review of the proposed standards will be presented.

Captain Brian Tuomi, Chairman and Region Project Director, in his closing remarks stressed the use of the Internet as a more cost-effective way to communicate with members of the working group and encouraged all interested parties to use the site.

Afterwards, I spoke briefly with Capt. Tuomi. He thanked CHS for participating and encouraged us to remain involved. In my opinion, although the group agreed to recognize knowledge of charts as part of the standards, most group members didn't recognize basic navigation as playing a strong role in the minimum standards. For this reason, I recommend that CHS maintains an involvement in the working group to ensure that the use of charts for safe navigation is not written out of the standards.

For more information, those with Internet access can browse the Canadian Coast Guard College WEB site at <http://www.cgc.ns.ca>

CHA Central Branch — NewsLetter — September/October 1996

MEMBERS of CENTRAL BRANCH [4 October 1996]

CCIW in-house (39 people)

Mike Bennett	Raj Beri
Jon Biggar	Earl Brown
Jennifer Campbell	Mike R. Crutchlow
Paul Davies	Dan Dexel
Ken Dexel	John Dixon
George Fenn	Helen Fuchs-Trapp
Chris Gorski	Terese E. Herron
Sean Hinds	Ken Hipkin
Tim Janzen	Mike Johnston
Al Koudys	Peter Knight
Andrew Leyzack	George Macdonald (Honorary Member)
John Medendorp	Jacqueline Miles
Paul Millette	Hermo Nepomuceno
Fred Oliff	Brian Power
Dave Pyatt	Bruce Richards
Roger Robitaille	Rick Sandilands
Dennis St. Jacques	Brad L. Tinney
Paola Travaglini	Ray Treciokas
R. Keith Weaver	Sam Weller
Arnie Welmers	

Private Industry etc. (23 people)

Jim Berry	Joseph Delle Fave
Ron D. Dreyer	Heimo Duller
Jan Egerdee	John Halsall
J. Scott Holladay	Ryk Karczuga
Don Knudsen	Barry Little
Robert Marshall	T. D. W. McCulloch (Life Member)
R. Kenneth McMillan	Richard C. Padmore
J. W. L. Monaghan	Rodney Reilly
John Parish	A. R. Rogers (Life Member)
Ken Richmond	Bill Warrender
S. J. Statham	Bruce Wright
David Wright	

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SUSTAINING MEMBERS of CENTRAL BRANCH

Simrad Mesotech Systems Ltd., 202 Brownlow Avenue, Dartmouth, NS, Canada B3B 1T5
[contact: John Gillis, Manager (East Coast) and Manager of Marketing, at (902) 468-2268]

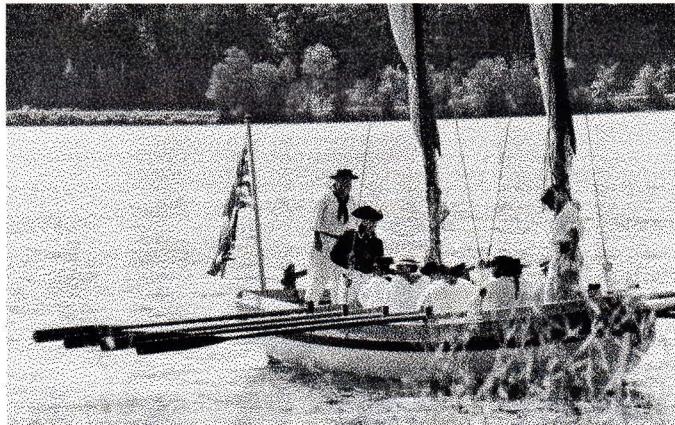
NovAtel Communications Limited, 6732-8 Street N.E., Calgary, AB, Canada T2E 8M4
[contact: Art Silver, Manager Marine Products, at (403) 295-4621]

A Heritage Summer with the launch Surveyor

by Brian Power

The crew of our Heritage launch *Surveyor* had an exciting summer visiting different sites around southern Ontario. At the invitation of Peter Rindlisbacher and his *H.M.S. Detroit* group, we travelled to Amherstburg to take part in that town's bi-centennial celebrations on the August 4 - 5 weekend. The crew of *Surveyor* camped on the scenic banks of the Detroit River at Fort Malden. The launch was moored at the Canadian Coast Guard Base, which was open to the public, allowing us to put up a display booth and tell people the *Surveyor* story and the importance of hydrographic surveying.

The currents in the Detroit River presented a challenge to the crew of *Surveyor* and so we sailed as much as possible. The little rowing we did do was confined to performing sounding demonstrations close to shore in front of Fort Malden.



A week later we found ourselves camping along the shores of the Niagara River at Navy Hall, which is located outside the walls of Fort George at Niagara-on-the-Lake. Once again we had the honour of participating in the town's "Bi-Centennial Salute to the Forts". This was a tourism initiative of the Canadian Consulate General at Buffalo in Partnership with Parks Canada (the operators of Fort George) and the Friends of Fort George and Old Fort Niagara. The weekend celebrated the 200th Anniversary of American sovereignty at Fort Niagara and the 200th Anniversary of the founding of Fort George. The crew was treated to a fireworks display and the RCMP Musical Ride.

We participated in a wreath laying ceremony at sunset outside Navy Hall to mark the anniversary of the foundering of the U.S. schooners Hamilton and Scourge. We enjoyed a leisurely weekend tied up to the side of *H.M.S. Tecumseth*, liaising with the public.

On Aug. 17, *Surveyor* and her crew were sailing off the shores of Discovery Harbour, located at the entrance to Penetanguishene Bay. We were here to participate in the unveiling of the new outdoor exhibit that is dedicated to Admiral Henry Wolsey Bayfield.

In partnership with Discovery Harbour, Mr. Stephen MacPhee, Dominion Hydrographer of Canada and Director General of the Canadian Hydrographic Service, participated in the ribbon-cutting Ceremonies.



Earl Brown at Discovery Harbour

Mr. Earl Brown, the Regional Director of C.H.S., provided a narration of *Surveyor*'s re-enactment of period hydrographic surveying. Later in the evening everyone was treated to the RCMP Musical Ride and an evening social where presentations were made by Mr. John Barrett-Hamilton, General Manager of Huronia Parks, to Steve and Earl in recognition of their participation in the establishment of the new display.

So ends another exciting year.

Knudsen Engineering Ltd. has recently introduced the new **320B/P**, the rugged splashproof version of the standard 320B echosounder. Compact, low-cost and ideal for open boat operation, the 320B/P is the latest in the line of 320 echosounders being used worldwide for precision measurement of depths for hydrographic survey, dredging, navigation, defence, and scientific applications. Recently, systems have been delivered to the Royal Australian Navy, British Steel, Jan de Nul Dredging, and Scripps Institute of Oceanography. Homepage: <http://www.superaje.com/~knudsen/>

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