



NEMO Newsletter

Quarterly Journal of the North East Map Organization

NUMBER 56

November 2005

Welcome aboard!

To help us plan for NEMO 2006 this newsletter includes a survey prepared by our newsletter editor David Bertuca. Several able reviewers assisted David. I am grateful to each of them for their time and effort. Please thoughtfully respond to the survey. Your assistance as we all as reconsider and refocus NEMO will assure a stronger organization.

The next newsletter will have reports on the survey and initial plans for NEMO 2006.

Paige Gibbs
Captain NEMO

Natural Resources Canada Announces End to Paper Topo Maps Jan 2007

[posted CARTA list by Lori Sugden (September 23, 2005)]
If you agree with me that this is a very bad policy decision (abandoning paper topographic maps) could you please assist me in making this fact known.--Brad Green
President, World of Maps Inc.
Sept 22, 2005.

On September 7, 2005 Natural Resources Canada invited the Regional Distribution Center (RDC) business representatives from across Canada to hear the bleak future prospect for paper topographic maps in Canada. The meeting was chaired by Mr. John Dawson, Acting Director Centre for Topographic Information Other government representatives attending are:

Jean Cooper, Director General, Mapping Services Branch
Barbara MacIntosh, Manager CMO
Marjo Lalonde, Supervisor
John Donner, CTI
Sylvain Lemay, CTI
Pat Fish, CTI
Donna Williams, Atlas of Canada
Steve Westley, Atlas of Canada
Craig Stewart, Geo Connections

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NEMO SURVEY IN THIS ISSUE

Please take a few moments and give us your thoughts. The NEMO Survey appears in this issue. The survey can also be completed online:



<http://www.NorthEastMap.org>

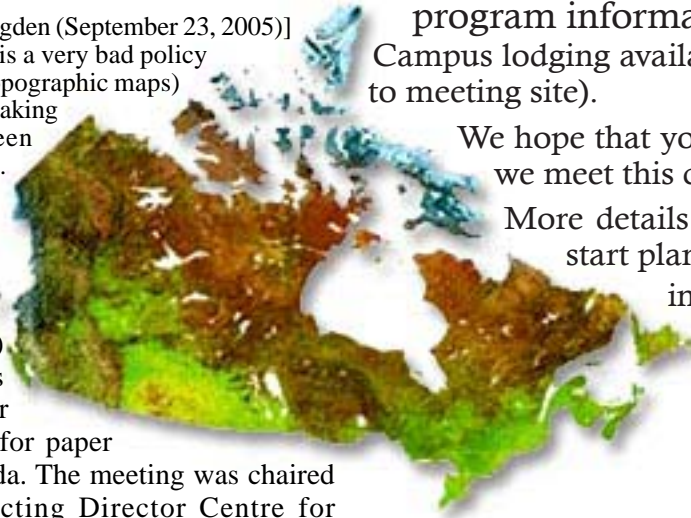
click on "Survey" and let us know what you are thinking.

20th Annual NEMO Meeting!
University of New Hampshire, Durham
June 8-9, 2006

Registration and preliminary program information in this issue!
Campus lodging available in Mills Hall (near to meeting site).

We hope that you can be with us when we meet this coming spring at UH.

More details to follow but you can start planning today to be ready in 2006.



"Where, after all, do universal human rights begin? In small places, close to home—so close and so small that they cannot be seen on any map of the world."—Eleanor Roosevelt



Eye Daisy d. 2005

Coordinates

Online Journal of the Map and Geography Round Table, American Library Association

Clark Map Library

Update on *Coordinates*

By David Y. Allen, Editor

It has been less than a year since the first appearance of *Coordinates: The Online Journal of the Map and Geography Round Table of the American Library Association* (<http://www.sunysb.edu/libmap/coordinates.htm>). So far *Coordinates* has published a respectable eight articles, which should remove any doubts about the long-term prospects of the journal.

A glance at the eight articles reveals the eclectic nature of *Coordinates*. *Coordinates* publishes a wide range of articles relating to maps. Authors include not only librarians, but historians, geographers, and GIS practitioners. Its board of editors includes people who are not librarians or members of the Map and Geography Round Table. Anyone interested in maps is encouraged to submit articles for consideration. All those with relevant qualifications and willingness to work are invited to help in the production of the journal.

Now that *Coordinates* has been launched, it is time to take stock of our situation, and see what can be done to further improve and publicize the journal.

We are seeking to get the journal more widely indexed and cataloged. Librarians and other academics can help by asking their institutions to add *Coordinates* to their online catalogs. This can be easily done, since *Coordinates* has been cataloged on OCLC (Series A is OCLC #56827498; Series B is OCLC #56827678).

We are also planning to seek “sponsors” for our journal. In return for helping to support the journal, links to sponsors’ websites will be included on a separate page of the journal, which will be linked to the homepage. We are looking for support from map vendors, GIS software producers, rare map dealers, and others concerned with the commercial side of cartography. There will be no other advertising. All money raised will go to support the activities of MAGERT, including the publication of *Coordinates*.

Finally, we are looking for ways to delegate more of the responsibility for running *Coordinates*. This would not only mean less work for the editor, but would strengthen the publication in many other ways. One idea is to have subject-oriented “Associate Editors” for various areas, such as map cataloging, GIS, and academic cartography. Specific responsibilities could be negotiated, but would include at a minimum soliciting articles and reviewers. It would also be helpful to have someone play the role of “advertising manager” in finding sponsors. And anyone who wants to serve as “production editor” and take charge of such things as html coding will be welcomed with open arms.

Keep your eyes open for future articles. They will be announced (at the very least) on MapHist and Maps-L.

On the Job: Map and Geography Librarian, The Guy H. Burnham Map and Aerial Photography Library, Clark University, Worcester

[interview in: *Worcester Telegram & Gazette*, Aug. 8, 2005]

Beverly J. Presley

Time in current job: 16 years



What do you do?

“I’m in charge of the library, overseeing the organization of the library, making acquisitions and providing service to people when they come in. We have over 240,000 sheet maps, plus books, atlases and digital maps.”

Who uses the library?

“We are a government depository, and we are open to the public for genealogical research, environmental research, all sorts of things. We’ve had land prospectors come in, lawyers and litigators on both sides. One time two cold-case detectives came in certain that a man had killed his wife and they suspected that he had dumped the body where a housing project went in. We had aerial photographs of the location.”

How did you become a map librarian?

“It was serendipitous that I got here. I came here on a grant-related project to catalog maps. The map librarian at the time left, and I had fallen in love with the library at that point so I was lucky enough to be hired. I’ve always had a love of geography and maps, even as a little girl I was thrilled when my National Geographic arrived. I studied history and the history of art in college before getting my library degree. Maps are many things, but they are aesthetic things. So studying art was appropriate.”


What do like most about your job?

“Working with the maps. It’s easy to get away from the maps, like when I’m doing administrative work. The library needs constant administration, but the most enjoyable part of the job is finding material that will answer questions for people.”

Continued on page 4

Current Officers (2005-2006)

Captain	Paige Gibbs	pgibbs@UMassD.Edu
Capt.-Elect	Paige Gibbs	pgibbs@UMassD.Edu
Secretary	Thelma Thompson	thelmat@cisunix.unh.edu
Treasurer	Heather Hoffman	jaquith@thecia.net



North East Map Organization Annual Meeting

June 8-9, 2006
University of New Hampshire
Durham, NH

North East Map Organization (NEMO) promotes communication among anyone interested in maps. NEMO's main area of geographical emphasis includes Connecticut, Delaware, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island and Vermont.

This year our meeting features:

For Librarians – a workshop providing enhanced map cataloging skills. Will also be of interest to anyone wanting to know how maps are included in online catalogs

For teachers, transportation specialists, historians, genealogists, and anyone interested in cultural and physical changes – a session featuring Digitized Historical Topographic Maps

For everyone – additional presentations, opportunities to meet and share with other map specialists and enthusiasts, as well as a dinner and social, and a field trip.

Preliminary Schedule*

(to be finalized early spring 2006)

Thursday June 8

Noon – Registration (Holloway Commons-Squamscott)

1:00-4:00 p.m. Map Cataloging Workshop

Nancy Kandoian, Map librarian New York Public Library, David Bertuca, Map Librarian State University of New York Buffalo

5:30 Reception, Cash Bar, Map swap

6:30 Dinner: Presentation: Ocean Mapping

Friday June 9

8:00 a.m. Continental Breakfast

8:30 a.m. NEMO Annual Meeting

9:30 a.m. Digitized Historical Topographic Maps
Representatives from several New England states will present and discuss current digitized map projects and suggest how they may be used in educational settings.

Lunch break (not included in registration fee)

Friday afternoon field trip in the Durham-Seacoast area (details TBA).

*additional presentations may be added.

Dates on 7.5 min. Topo Maps

[Maps-L message written by John Conroy and posted by Joan R. Zeeb-Roman Map Library Kent State University--*slight editing by NEMO for ease of reading.*]

I recently had a few questions about dates on 7.5 min. topo maps. The reply that I received was very good, so I thought that I would share it with the list. It was written by John Conroy of the NMP Standards Team, USGS/Mid-Continent Mapping Center.

I've been asked if I would answer your questions. I don't blame you for being confused because in order to understand the dates on our maps, it requires some information about our map revision types that most people are not aware of. I've tried to summarize it as briefly as I can below but, as you will see, it gets a little complicated.

The USGS has done 7.5-minute mapping since about 1908 but it didn't become the base map series until about 1950 (before that, the 15-minute map series was the base map series). Most of the revision of maps up until the end of the 1960's involved field checking and contour revision. In 1969 the USGS began updating maps using imagery and ancillary sources (photorevision maps).

New features and modifications of previously mapped features were shown in purple on these maps. Planimetry (roads, buildings, drains, etc.), boundaries, and names were updated during photorevision, but there was no field checking and contours were not updated. There were other kinds of revision mapping going on at the same time, but these involved field checking and contour updating. We stopped making photorevision maps in about 1994. We no longer have a permanent field crew to check map detail, so we have prepared only a few field checked maps during the last five years (complete revision). However, we continue to update maps from imagery and ancillary sources (basic revision).

Although basic revision maps are not field checked, new and modified detail is added in one of the five basic colors (red, blue, brown, green, and black), and contour revision is an option that that a cooperater can pay to have done. Since 1993, if our map supply is low and a photoinspection has indicated that a revision of map detail is unwarranted, we have updated the collar information, boundaries, names, and corrected known errors on maps (minor revision). (See the end of this message for more information on minor revision maps.)

The imprint date on our maps is the year the map was printed. The imprint date is changed whenever anything on the map is changed (including complete, basic, and minor revision). The imprint date is not changed when a new supply of maps is reprinted to replenish dwindling map supply. The people who maintain our stock of maps in the distribution center in Denver use this date to determine whether or not they should retain the maps

Continued on page 4

Beverly Presley Interview... Continued from page 2

How has technology impacted the library?

“The field has changed dramatically. We used to say that the most prolific map maker was the U.S. government. Now it’s (online mapping service) Mapquest. I personally believe, however, that it will be a long time before paper maps will be replaced by the digital format. Not everybody has the technology to use maps online, the resolution of monitors and printers is not where it should be, and you can’t see an entire map on most computer screens.”

What do you like least about your job?

“There are never enough resources — and I don’t just mean financially. You’d always like to do more and have more material, but people don’t understand that not every place in the world has been mapped in the detail they expect. Or, it may have been mapped, but a country is afraid of being invaded, so it’s not going to let its maps be in the public domain. The government also has taken a lot of maps out of circulation. Under pressure from the American Indian population, for example, Indian burial sites were taken out of American maps to prevent them from being raided.”

What have you learned on the job?

“I’ve learned an enormous amount about the technical aspects of cartography and the ways the Earth can be represented. I’m more convinced than ever of the importance of this information and how critical it is to preserving our resources and our planet.”

Would you do the job for free?

“I would — if I had some other way to support myself. It’s great fun. It’s often like detective work: Someone comes in with a scrap of information and you find what they want from that.”

What is the oldest map at the library?

“We have some very interesting maps that we’ve gotten for our collection from people doing research in other countries. We also have a large collection of 19th century guidebooks. But our oldest map is an 1829 map of Worcester. We also have maps of sports facilities, oil fields, bike paths, trout streams. We have maps of all sorts of things.”

Are you related to Elvis Presley?

“Not close enough to be in the will. When I retire, I may do some genealogical research. But as far as I know right now, no.”

Compiled by: Business reporter Jim Bodor To have or suggest a job profile, send information to Andi Esposito, business editor, Telegram & Gazette, Box 15012, Worcester, MA, 01615-0012, or send e-mail to aesposito@telegram.com.

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visit the Photo and Map Library:

7.5 Minute Topo Maps... Continued from page 3

already on the shelves.

We have used different methods for deriving the map date (the one you call the “edition date”) over the years. Until 1977, the map date on 7.5-minute maps, other than photorevision, was the field check date. On photorevision maps, the original date was retained, but the date of the revision photography was added in purple below the previously published black map date.

In 1977, the map date of revised maps, other than photorevision, became the year the map was edited. We continued to use the revision photography date for the purple map date on photorevision maps until about 1980, at which time it was also changed to be the same as the map edit date. In 1994, we resumed using the year of the field check (on maps that are field checked) or the year of the imagery source (on maps that are not field checked) for the map date.

On minor revision maps, the map date is the year of the inspection photography. On maps prepared by the USDA Forest Service according to USGS basic revision guidelines, the map date is the more recent year of either the Forest Service correction guide or the revision imagery.

On field checked maps, the difference between the map date and the imprint dates is due to production schedules, shelf time, and map finishing efforts. On non-field checked maps, the date of the revision imagery also has to be factored in; even with our more efficient revision procedures, if the revision imagery source is three years old at the time the project is authorized, the difference between the two dates on the new updated map will be at least three years.

A checklist of our minor revision procedures can be viewed by going to our standards website at <http://mapping.usgs.gov/standards/>, clicking on *Primary Series Quadrangle Map Standards*, scrolling down and clicking on the pdf icon for *Part 2: Specifications, Standards for Revised Primary Series Quadrangle Maps* <http://rockyweb.cr.usgs.gov/nmpstds/acrodocs/qmaps/2rqm0602.pdf>, and going to *Appendix 2-K: Minor Revision Procedures* (page 249 of 261).

If you need more information, please don’t hesitate to contact me.

John Conroy NMP Standards Team USGS/Mid-Continent Mapping Center 1400 Independence Road, MS 524



NEMO Meeting

20th Annual Meeting of the North East Map Organization
University of New Hampshire, Durham, NH

REGISTRATION FORM

June 8-9, 2006

e-mail registrations accepted (send check or bring to meeting)

Name:	_____
Address:	_____

City, ST zip:	_____
Telephone:	_____ e-mail: _____

If you have any questions, contact Paige Gibbs
Telephone: 508-999-8886 / e-mail: pgibbs@umassd.edu

Registration fee \$120 single \$160 couple

(includes \$15 NEMO membership, Thursday Dinner Event, and Friday Breakfast)
You must register by May 20, 2006: no walk-ins for full meeting

Instead of the Full Meeting you may choose Individual event registration
(walk-in session registrations allowed; both include \$15 NEMO membership):

- Map Cataloging Workshop Thursday, June 8: \$60
 Technical Sessions Friday, June 9: \$45

Lodging - On-campus reservations for Thursday night only
(check requirement below and add to registration fee)

Single (\$50) Double (\$80)

I need to park a car on Thursday Friday Parking is Free.

Mail form with check (payable to: NEMO or North
East Map Organization) by May 20, 2006 to:

If you e-mail your
registration, please
bring this form to
the meeting with
your payment.

Paige Gibbs
Library
University of Massachusetts Dartmouth
285 Old Westport Road
Dartmouth, MA 02747

e-mail: pgibbs@umassd.edu

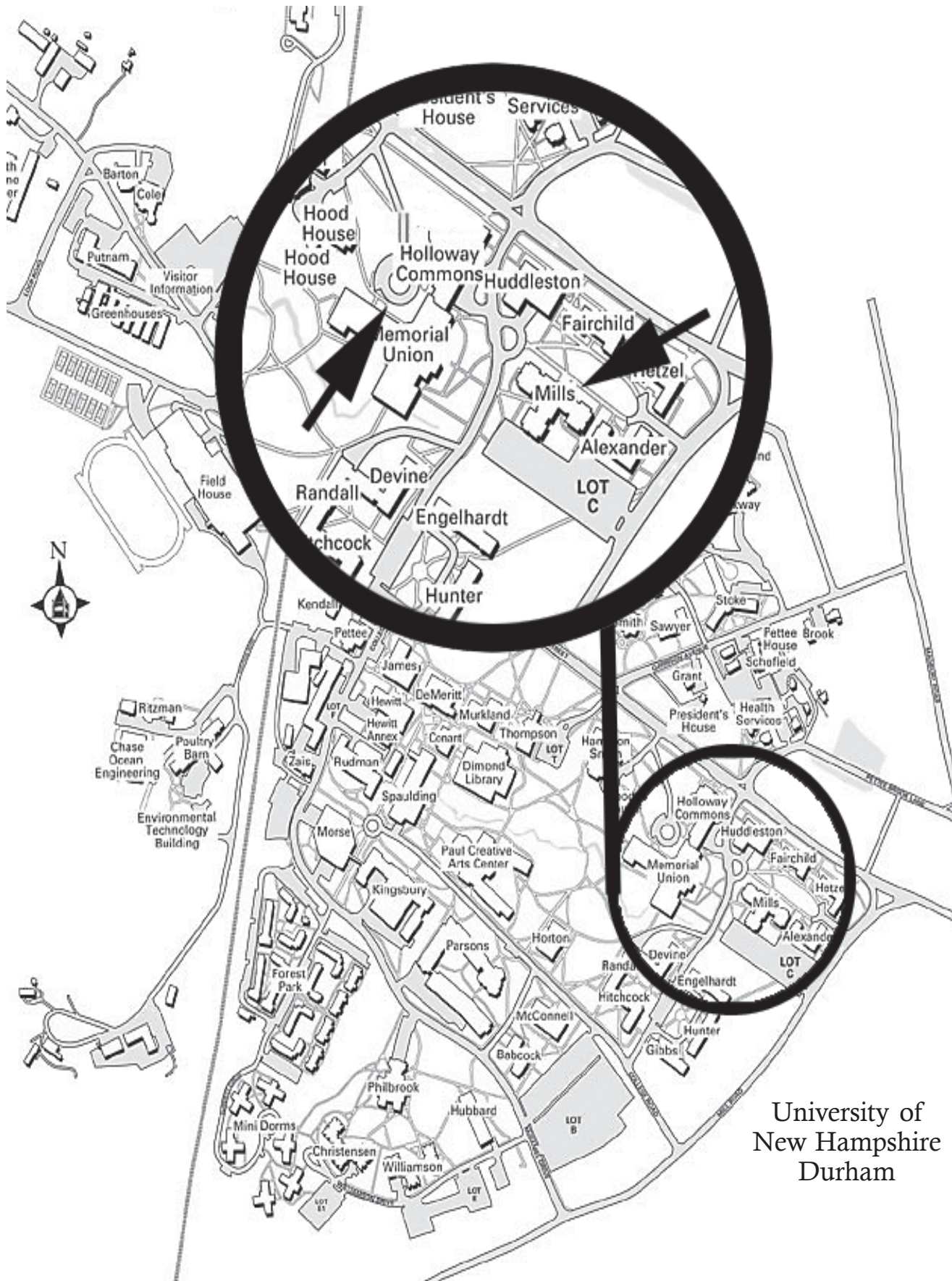
Registration: _____
Lodging: _____
Total: \$ _____

*If you do not plan to attend the meeting, send \$15 for
annual NEMO dues. Fill out the name/address portion above
and check box to the right.

Check here if you are renewing
Membership Only!

NEMO 2006

Meeting Site: Holloway Commons-Squamscott
Residence Lodging: Mills Hall



University of
New Hampshire
Durham

NEMO Survey 2005

We Want Your Input

We are contacting you at this time because you are or were recently a member of the North East Map Organization (NEMO), or are someone who might consider becoming a member in the future. NEMO is exploring ways to make the organization more effective for its members and the larger mapping community.

Your assistance will help NEMO and its members, even if you are not interested in being a member yourself.

Please answer the following questions and provide your thoughts and comments for anything that you believe will assist us in developing NEMO. Your responses will be kept confidential and will be used for setting future objectives, such as meetings, publications, and other activities.

We are asking for your name and contact information for future reference. This will be kept separate from the survey to maintain objectivity. Please place completed survey in an envelope and address to:

David J. Bertuca, Map Librarian
Arts & Sciences Libraries
225 Capen Hall
University at Buffalo
Buffalo, New York 14260-1672

Please provide (optional):

Name _____
Address _____
Address 2 _____
City, State, Zip _____
Phone/e-mail _____

An associate, unrelated to maps, will open and tabulate the materials. Please try to return the survey by January 16, 2006. However, if you submit your survey later, that is most welcome too, as we do value your thoughts. Thank you.

NEMO Survey 2005

Please answer the following questions. Feel free to add comments, or to point out things that we may have missed. Thank you for your time and please contact NEMO if you have questions or additional thoughts.

A. Organization

1. NEMO's target membership has traditionally been a diverse group of people interested in all aspects of maps and cartography (librarians, geographers, map collectors, map users, etc.).

Should we continue to serve this entire population?
____ Yes ____ No.

If NO, what should our scope be?

2. Membership has been maintained at \$15/year, which includes the Newsletter and funds to provide for other business activities of NEMO. Do you think that this amount is: ____ good ____ too low ____ too high?

3. NEMO is an informal organization with a simple officer structure. This allows us to work by consensus and to be more responsive to the membership. Members share in the operation of the organization mainly through attendance at the annual meeting. Do you feel this is a good structure?

Yes ____ , No ____ If no, how would you want to change it?

B. Meetings

At present, we hold an annual meeting.

1. Do you attend NEMO meetings? ____ Yes ____ No.

If NO, why? ____ date conflicts; ____ location;

____ content; ____ format; other: _____

2. Which do you prefer? ____ annual meeting, ____ two meetings a year ____ biennial meetings (alt. years)

3. If NEMO held meetings in association with, or at the same time as other organizations (i.e., New England Library Association, or another professional org.), would you be more likely to attend? ____ Yes ____ No.

4. When would want to meet? ____ June (as in past)

____ Apr/May ____ July/Aug ____ September

____ October/November, OTHER:

5. When would you NOT want to meet?

6. How far would you travel to attend a NEMO meeting?
____ 1 hour ____ 2 hrs ____ 3-5 hrs ____ 5-7 hrs ____ 7+ hrs

7. Which length for meetings would you prefer for annual or other meetings?

____ Thursday afternoon-Friday afternoon (original schedule)

____ Thursday-Friday afternoon (adds morning session time)

____ Friday only (with Thursday evening reception/dinner)

Continued next page...

- Weekend (2 or 3 day)
- Friday and Saturday
- Other: _____

8. Which format would you prefer? (circle up to two):
- a. Formal presentations only
 - b. Formal presentations with panels (related or unrelated to presentations)
 - c. Formal presentations with open time for informal presentations
 - d. Formal presentations and individual workshops (short sessions)
 - e. Mixture of presentations, workshops or demos, and open forum sessions
 - f. Presentations with pre-meeting workshops, or with workshops a day earlier/later
 - g. All-day workshops as main theme for meeting
 - h. Other _____

9. Program/Presentation suggestions (Examples might include: Preservation of paper and digital maps and geospatial data, Cataloging cartographic information, Best practices in digitization, Interesting projects of NEMO members or others in area, Cartography in a digital environment):

10. Other comments regarding meetings

C. Activities

1. What additional activities should NEMO consider?
- Exhibits Virtual (Web)
 - Workshops Virtual workshops
 - Competitions
 - Special publications (maps, books, pamphlets, other)
 - Sponsorship of students in geography/cartography/map-related fields
 - Co-sponsorship of activities with other organizations

D. Participation

1. Would you be willing to do any of the following (check all that apply):
- Write articles, columns, or reviews for the *NEMO Newsletter*
 - Present short papers at meetings
 - Present work sessions (1-2 hour workshops)
 - Present workshops (half day or in conjunction with other workshops)
 - Present workshops (all day)

- Assist in moderating panels or being on a panel
- Assist in meeting arrangements
- Assist in obtaining speakers and workshop presenters
- Assist in judging maps or papers for competitions
- Assist in judging submitted papers for meetings
- Assist in creating unique publications (books, pamphlets, maps)
- Assist in fund raising for the organization
- Serve as an officer

Other: _____

E. Newsletter

Do you read the newsletter? Yes No.
 If NO please tell us why, OR skip to section F.
 I don't read the newsletter because:

- 1. Do you like the newsletter format? Yes No
- 2. If no, what format would you prefer?

3. The current publication is quarterly. Do you prefer:
 stay the same more frequent less frequent

4. What size do you want?
 current (4-12 pages) 4 pages only
 12 pages only other

5. Content. Please check the following content and/or suggest other content types.
 Reviews of maps/books More Less None
 Reports on meetings More Less None
 Articles on specific topics More Less.
 (Suggest topics)

Instructional columns More Less None.
 (Suggest topics)

News about members More Less None
 Other (Please suggest)

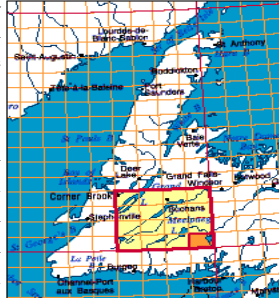
6. Would you want to see any "special issue" type publications on topics or themes. If so, suggest:

F. Additional Comments, Thoughts, or Items Not Discussed:

Canadian Government Maps, Continued from page 1

Current plans from the federal government is that the Canada Map Office (CMO) is to be permanently closed at the end of the current business lease for the 130 Bentley Avenue warehouse in Jan 2007. The CMO has already discontinued press runs of all NTS maps.

The CMO now wants to discontinue printing - plotting paper maps of any sort (currently a plotter is used to replenish out of print paper maps). The CMO states that paper maps are not their "raison d'etre" they want to concern themselves with the digital map files only, they claim because that is better but I am convinced their real motivation is simply because they think digital data is cheaper than a warehouse of paper maps.



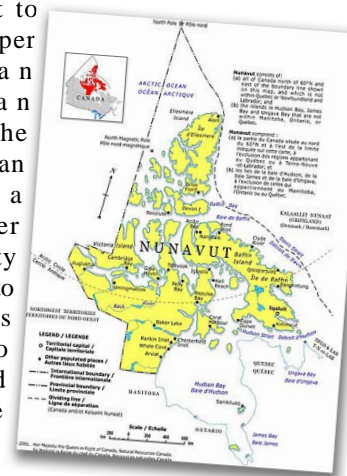
/13	/14	/15	/16
/12	/11	/10	/9
/5	/6	/7	/8
/4	/3	/2	/1

12A

government feels that there is no longer any need to continue to produce paper maps. The quality of the demonstration topo map produced was inferior in quality to a regular paper topo map with that typical computer generated "schematic" look. While the demo map featured an old road network presumably once operational the main advantage of this type of product is that it is "more up-to-date" as I pointed out above that is not relevant to most of the Canadian landmass.

The RDC's were told that if there is a business case it is up to each individual RDC to purchase a large format printer and necessary software to print and distribute topographic maps in the future because the government policy at this time is to abandon paper maps as much as possible.

In my opinion it is the responsibility of the federal government to produce paper C a n a d i a n C a n a d i a n indeed the map data can produce a date paper responsibility government to business has facilities to as suggested prefer to be A N D access the maps at the CMO because despite being old they are of better quality and paid for in full by Canadian taxpayers.

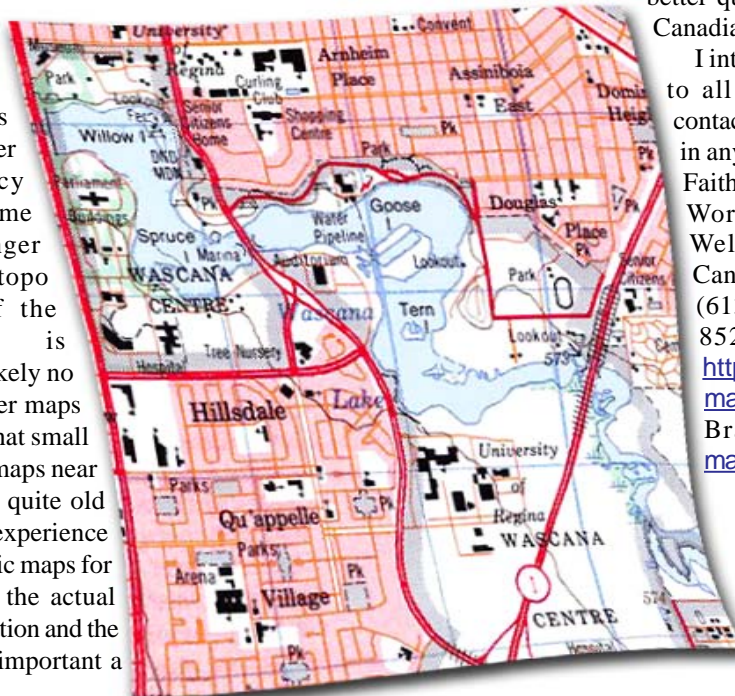


continue to maps of the landmass for taxpayers. If digital vector be used to more up to map it is the of the do that. Our the printing produce maps but I would able to do that continue to existing paper maps of the landmass for taxpayers.

The CMO proposal at the moment is that RDC's would access vector data and produce paper maps for sale. The actual exact method this will take is unknown, a presentation by PCI Geomatics of a map server model they developed was given.

World of Maps Inc. is an RDC and there are ten other private and government agencies acting as RDC's across Canada. This distribution network for selling paper topographic maps has been established successfully for about 10 years. There are also thousands of smaller retail dealers across the country as well. The users of topographic maps (our customers) are from various groups including: Search & Rescue, Forest Fire crews, Hunters, Fishermen, Outdoor recreation users, Engineering firms, Environmental firms, developers, Oil & Gas Pipeline companies, Mining firms, University field workers and many other organizations and individuals.

The issue of the old dates of topographic maps was raised at the meeting as it always is, this time used as a reason to discontinue paper maps. (NRCan policy decisions to cut costs some years ago was to no longer update any more paper topo maps) The majority of the Canadian landmass is unpopulated, and there is likely no difference to when the paper maps was originally produced. That small percentage of topographic maps near populated areas are indeed quite old and that is important. Our experience is that people use topographic maps for either remote areas or for the actual accurate geographic information and the date of the maps is not as important a factor.



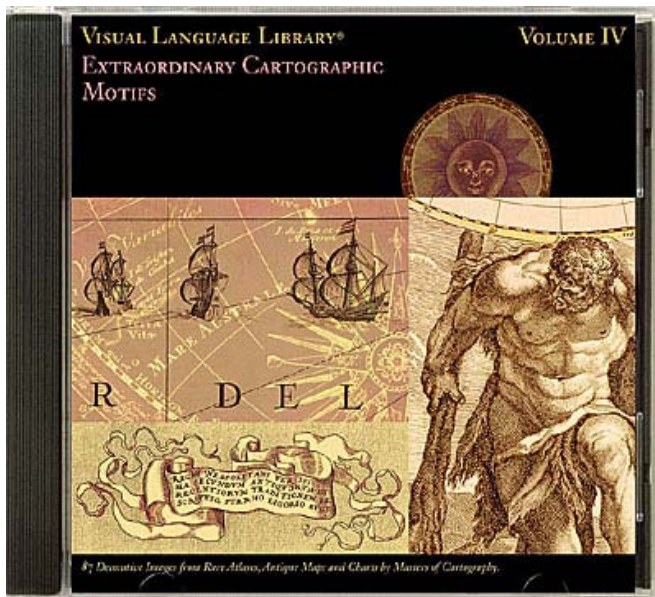
The government claims that they have up-to-date digital vector map data (their demonstration map at this meeting did not support that claim however) and it appears to me that the

I intend to make this issue known to all interested parties, please contact me if you agree and can help in any way.

Faithfully, Brad Green President, World of Maps Inc., 1235 Wellington St. Ottawa, ON, Canada, K1Y 3A3 / Telephone (613) 724-6776 or 1-800-214-8524; Fax. 1-800-897-9969; <http://www.worldofmaps.com>; <mailto:info@worldofmaps.com>; Brad Green's private email <mailto:laptop@worldofmaps.com>

Natural Resources Canada is located at: http://www.nrcan.gc.ca/inter/index_e.html

Extraordinary Cartographic Motifs



“Over 85 of the most decorative motifs selected from antiquarian maps and atlases. Compass roses, sailing ships, mythological creatures, sea monsters, navigational devices, globes and cartouches are found in this collection of exquisite ornaments. Images are provided in three (high, med, and lo) resolutions. High resolution images range from 8MB-30MB RGB. Most illustrations contain hand-edited clipping paths. The CD also includes an Extensis Portfolio™ Catalog Reader.”

This is one of a series of CDs with cartographic art and clip art. The price (\$475) is high, but if you need graphics, you might find what you are looking for. Go to:

<http://www.antique-map.net/volume4.htm>

The catalog of each volume is online as well and good for ideas if nothing else.

The NEMO Newsletter

Quarterly Journal of the North East Map Organization

Number 56

November 2005

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We welcome contributions and suggestions. Please submit materials to the editor using e-mail, 3.5" disk (PC or Mac (Word, RTF, or ASCII, tif, jpg)) CD-ROM, or by sending a typewritten document. Submissions and questions on submissions should be directed to:

Editor: **David J. Bertuca**, Map Librarian
Science & Engineering Library
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phone: 716-645-2947 x229

fax: 716-645-3710

dbertuca@buffalo.edu

NEMO (North East Map Organization) is dedicated to serving as a unifying body for all who use, produce, collect, and market maps and cartographic information in the Northeast; increasing communication between all interested in maps; and working with state, regional, and national organizations and government agencies in dissemination of maps and cartographic information. NEMO's principal region is CT, DE, ME, MA, NH, NJ, NY, PA, RI, VT.

NEMO Membership is \$15 per year. Membership year runs June-May and *NEMO Newsletter* subscriptions are included with membership. Back issues for the current year are included with new memberships. To join, send a check for \$15 payable to **North East Map Organization** to:

Eric Riback
National Geographic Maps
2504 Kerry Lane
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