



NEMO Newsletter

Quarterly Newsletter of the North East Map Organization

NUMBER 47

July 2002

From the Bridge

Another meeting has come and gone, and summer is running by. To those who attended, participated, and who assisted with the many things to make the meeting successful, I say thank you and glad to have worked with you. We had a great list of presenters and the facilities were wonderful, with only a few minor glitches.

We start another year of NEMO and a change at the helm. I wish to offer my sincere thanks, both for myself, and for the organization in thanking Jim Walsh for his excellent year as Captain NEMO. He did a great job on everything, and made my job as the new Captain both easier and harder. Easier because of the assistance he provided in easing me into the position, and helping me in setting up the 2002 meeting, and harder because he will be hard to top on all that he has accomplished for us over the past year (though not limited to just last year alone). I salute you for your dedication to NEMO and as the outgoing Captain NEMO!

I also wish to thank Nancy Kandoian for her excellent work as Secretary for a number of years. She has always done more than just keeping minutes: writing letters, keeping track of activities, offering ideas and thoughts on things we can do to promote NEMO and maps, always being willing to assist and to offer moral support and personal effort to many activities of the organization for a long time.

Pat McGlamery not only assisted on making the 2002 meeting at UCONN a success, he also provided thoughts and helpful ideas during the process and provided a great tour of the Map Library's facilities, where the people and technology are making some innovative ways to improve access to a wide variety of cartographic materials. I am looking forward to working with Pat to make the 2003 meeting a success and know that he will do great things for this one.

Thank you to Thelma Thompson, our new secretary, for volunteering to take that vital position, and to get involved. She will carry on the traditions of this office.

One member who is important to our organization is Eric Ricback, our membership chair. He takes care of new memberships and renewals, keeps the mailing database and produces labels when needed. Thank you Eric for your work through the years.

Heather Hoffman continues her term as secretary and keeps the books shipshape and our funds under a good eye. I know how much work goes into the job sometimes, and also know that the Editor appreciates the good relations with the financial leader of NEMO.

And, speaking of editors, I just want to remind everyone that the NEMO Newsletter is a good publication because NEMO members provide submissions and are supportive of the efforts of the Editor, David Bertuca (Me!). I thank all of you for submitting and for reading. Please keep sending stuff and consider submitting if you have not done so. More is always better and your ideas, thoughts, articles, and comments are what makes our organization strong and fun.

The NEMO Web site is always looking for submissions of ideas and URLs for presentations you create on the Web or collections you have or wish to promote. If your collection has a Web site or you create special pages on maps, map cataloging, cartography, collections, etc., please send them to me for use on the NEMO Web site. I try to find member-prepared pages as I go, but if your page is not there it is probably not because I didn't think to add it: I may just not have gotten to finding it yet. If there is something you created that you wish to add links to, let me know.

Finally, it was great seeing many of you this year at the meeting, and to have the chance to talk about maps and geography, as well as to just get to know you better and enjoy the gathering. NEMO is a great group and we have a good time together. I look forward to this year as Captain and hope you all do too. If there is anything that you think of that we can do to make NEMO better, or if you have any comments, etc., please let me know.

Smooth seas and great winds for us ahead!

David Bertuca
Captain NEMO



Daisy says Hi!

NEMO Meeting
June 6-7, 2002

Changes in Latitude,
Changes in Attitude

Meeting reports and annual meeting minutes inside!



Member Special -- Maps of Ground Zero
Special thanks to **Gene Moser** for making arrangements for us to purchase copies of this map for our membership. The maps are included with this issue if you did not attend the annual meeting. [Members only special]

Minutes Of The NEMO Business Meeting

The NEMO annual business meeting was called to order sometime after 8:30 a.m. on June 7, 2002 in Storrs, CT, with Captain Jim Walsh presiding. About 12 to 15 members were present during various times of the meeting.

Minutes of the previous meeting were accepted as published in the *NEMO Newsletter* of July 2001.

As newsletter editor, David Bertuca encouraged members to send in articles and announcements and illustrations. He reported on the favorable publicity and frequent hits of our Web site.

It was reported that secretary Nancy Kandoian sent out thank you letters last year to annual meeting speakers and those who assisted with meeting planning – a practice we hope to continue.

Treasurer Heather Hoffman reported that in our accounts, including a money market account, we now have a balance of approximately \$2,400. This does not include intake and bills to be paid for the current meeting. For our information, it costs roughly \$50 to print and mail each issue of the newsletter.

Members were reminded to send NEMO materials to the archives c/o Patrick McGlamery who will forward them to the NEMO archives at UConn. Patrick will check and report back to us about issues of the newsletter that are still lacking from the archive.

We discussed the issue of honoraria for meeting speakers, which came up during the planning for this year. Paige Gibbs moved that the executive committee have the discretion to establish an honorarium in particular cases if appropriate. The motion was seconded and passed.

Jim read a letter of invitation from Bruce Obernhaus and Janet Collins for NEMO to represent itself with 2 delegates on the Cartographic Users Advisory Council. CUAC is a sort of liaison between the map user community and federal government agencies, and also a watchdog for public access to map information. The council meets once a year in May in the Washington, D.C. area. Delegates are also responsible to maintain contacts with one or more federal mapping agencies throughout the year. Discussion ensued about the responsibilities, whether there were NEMO members willing to serve, whether NEMO could bear the costs to relieve the representatives of expenses, and whether to open this decision up to a mail ballot of the membership. The sense of the group seemed to be positive about NEMO participating, assuming we could find willing delegates and provide some support. David Allen volunteered to be a delegate. Paige moved that the members present support participation in CUAC, subject to confirmation by a mail vote of the fuller membership. She also moved that we support each representative with \$100 toward the expenses of attending the CUAC meeting. Heather seconded this motion, and those present voted in its favor.

Gene Moser made a proposal in favor of NEMO issuing an annual map award. He showed some examples of maps to consider, presented a written proposal, and began to discuss possible criteria. There was discussion both pro and con. Paige moved that a committee be established to issue an annual award for a map of a geographic area within NEMO's area, if a suitable candidate presents itself. Patrick seconded the motion. Gene, Mark Jaquith, and Ernie Woodson volunteered to serve on a committee to establish criteria and develop guidelines.

The committee constituted last year to develop a student essay award – Paige Gibbs, Eliza McClennen, and Dick Gelpke – were requested to put together a proposal to present at next year's meeting.

We discussed possible days to meet next year: we could try a Monday and Tuesday for a change, June 2 and 3; or Thursday and Friday June 5 and 6; or if we meet in the Boston area we might try to piggyback onto the International Conference on the History of Cartography, which is meeting in Boston June 15-17 and in Portland June 18-20.

Regarding officer terms and elections, Heather will continue her current term as treasurer for the next year. Nancy's term as secretary is coming to an end as of this meeting. Thelma Thompson of University of New Hampshire volunteered and was elected to be NEMO's new secretary. Patrick McGlamery volunteered and was elected to serve as NEMO's new captain-elect. He will plan the next meeting, with assistance from Beverly Presley and Jim Walsh. With thanks to Gene Moser for providing us all with Ground Zero maps by Laura Kurgan, and with thanks to David Bertuca for planning the current meeting and to Patrick for being our local host, Jim passed the captainship on to David and the meeting was adjourned at approximately 9:45 a.m.

Respectfully submitted,

Nancy Kandoian

Outgoing secretary

Buffalo Neighborhoods... Continued from page 4

residence patterns and therefore similar property value is also a factor. Ernie explained that each neighborhood in this project is identified by the residents. He has gathered information through door-to-door interviews and combined this with planning information and neighborhood association information, among other sources.

As an encore, Mr. Woodson has completed a neighborhood map of New York City, which will go online shortly.

The template is a planning map. Cartographic information is augmented by links to schools, association and other entities within each neighborhood. A substantial bibliography with web links is included in the site. --*Summary by David J. Bertuca*

Current Officers (2001-2002)

Captain	David J. Bertuca	dbertuca@buffalo.edu
Capt.-Elect	Patrick McGlamery	patrick.mcglamery@uconn.edu
Secretary	Thelma Thompson	thelmat@cisunix.unh.edu
Treasurer	Heather Hoffman	jaquith@thecia.net

Boston Redevelopment Authority Boston Atlas

Martin von Wyss, manager of the online Boston Redevelopment Authority Boston Atlas demonstrated this website and presented its background at the NEMO 2002 Annual Meeting. The site was established to bring together data collected by many Boston city agencies into one application that could be graphically portrayed. As important as the map images are--the data that allows them to be drawn is even more valuable to scholars, geographers, architects, developers and planners.

The site www.bostonredevelopmentauthority.org/atlas went online a year ago. It is expected to change over time as more data sources are added. *MapJunction* is the mapping software for the website. Up to five layers of information can be used to create a map. The site takes advantage of a non-profit website, created by Bill Warner, which includes historic maps. Assessor's records, data from the Fire department and the Water, Sewer and Parks Commissions are among the sources currently available for the user to create a map. Some of the features that could be included in a map are building footprints, construction material and utility hookups. The data on the site can be downloaded as geographic information in electronic mapping applications (e.g. *MapInfo* or *ArcView*) that can be manipulated using computer aided design programs. This allows the opportunity to test a design or plan and examine the impact it would have on a location. The digital files thus become part of the conversation between developers and the Boston Redevelopment Authority.

Security and access to some of the information on the website has become much more a concern since 9/11 and the BRA is considering how to address these issues. Boston has been selected is a test site for Homeland Security initiatives and the BRA is cooperating in this project. There are two sides to the situation; von Wyss noted that the New York Port Authority and other New York City offices depended on information previously downloaded by other agencies and academics to replicate databases that had been housed at the World Trade Center.

Von Wyss observed that paper maps still meet a need. A paper map "gave its life" to enable him to make the trip on his motorcycle in a rainstorm from Boston to the University of Connecticut campus to make his presentation.

Summary by **Paige Gibbs**,
University of Massachusetts Dartmouth

Epidemiology and Mapping

Ellen K. Cromley, Presenter

Ellen K. Cromley is a professor in the Geography Department at the University of Connecticut, and co-author with Sara McLafferty of *GIS and Public Health* (New York: Guilford Press, 2002).

Professor Cromley's talk focused on the mapping of vector-borne diseases. These diseases are spread through intermediary organisms, such as fleas and ticks. Because of the variety of factors involved in their spread, vector-borne diseases lend themselves to GIS (especially vector mapping, of course). Among other things, it is possible to map: the distribution of vectors, the distribution of hosts, the distribution of habitats, and the distribution of health outcomes (human cases).

Prof. Cromley began her talk with a brief review of the history of medical mapping. She pointed out that many of the earliest thematic maps are on medical subjects. These include *Seaman's Map of Yellow Fever in New York* (1798), and maps of cholera in London produced in the 1850s. The twentieth century has seen the production of many medical maps, including the Atlas of Diseases project, which started in 1944.

The resurgence of infectious diseases in recent years has coincided with the growth of computerized mapping. The use of remote sensing and GPS have facilitated medical mapping, as well as the development of GIS.

Prof. Cromley illustrated her talk with maps showing the distribution of West Nile Virus and Lyme Disease. She showed how the distribution of Lyme Disease can be affected by such unexpected factors as the distribution of oak trees. (Acorn cycles can affect the deer population.) She also showed how GIS analysis can be used to evaluate the effectiveness of disease intervention efforts, such as altering habitats to keep deer away from human habitations.

Prof. Cromley also talked about some of the problems that stand in the way of effective GIS mapping of diseases. She mentioned the difficulty of gathering information about such subjects as the distribution of ticks and the infection rates of deer. She also stressed the importance of understanding database design for working with GIS.

Her talk concluded with a passionate plea for public funding of data collection and distribution. She stressed the importance of public spatial data for health mapping (including orthophotoquads and Tiger Line data). She underlined the need for data to be shared freely between agencies and the public.

Summary by **David Allen**,
SUNY at Stony Brook

Cartographic Curiosities

Our first speaker at NEMO 2002 was **Fred Musto**, curator of the map collection at Yale. For the purposes of this presentation, he limited the definition of Cartographic Curiosities to items of only two dimensions, printed on paper. Within these limits, he produced a couple of dozen fascinating and delightful examples from the Yale collection.

Myths and Misconceptions: He divided the subject into five categories. The first discussed was "Myths and Misconceptions." Most of us are familiar with the early maps of North America showing California as an island, but he opened his slide show with one of the earlier maps of the North Atlantic showing the locations of some major islands, most particularly Friesland, which is shown to be as large as Iceland and easier to reach from Europe. The map was said to be based on a voyage to that region in 1388. Subsequent investigations have failed to confirm the existence of many of these islands. The second slide was an Ortelius map of Iceland. The main attraction here was the menagerie of amazing sea monsters, none of which seem to be on display at Sea World. Also shown was a beautiful map of the Garden of Eden and vicinity. The exclusive walled community is located in scenic, desirable Mesopotamia (Open house Sunday from 12 to 2). Perhaps inspired by the wondrous Hanging Gardens of Babylon.

Shape: The second set was maps with shapes inspiring the map maker. Examples shown were a 1581 map of the world that he called a cloverleaf (trillium perhaps), showing Europe, Asia, and Africa as the pointed leaves with Jerusalem at the center. another slide was a 1698 map of the Swiss Canton of Zurich as a lion's head.

Fantasy: Third came fantasy. While I was expecting Middle Earth and Narnia, what he had for us was something that I've seen less of. That is, depictions of virtue and emotion in the form of a tourist guide to life. We were shown the road to matrimonial bliss, the path from hell to heaven, and the siege of the heart by cupid being bombarded by feminine wiles.

Surreal: His next group consisted of what he termed surreal. These were maps with regions caricatured. His examples were all of Europe and there were some great ones. My personal favorite was one expressing the great animosity between France and England circa 1800. The scene is England as a somewhat corpulent John Bull forcefully expelling fecal boatloads of Royal Marines from an anal Southampton across the channel onto a then sullied Normandy coast. Many other examples were shown that make one long for better editorial cartooning than we see today.

Games and Puzzles: To wrap things up he briefly discussed cartographic puzzles and games. He only brought one example to illustrate this category, but it was delightful. Dating from the mid 1700s it showed a path of small circular maps about 1"

in diameter that showed various locales around the world. Two or more players would start at one end of the path and advance toward the end by rolling dice to determine the number of spaces to move while trying to avoid any of the trick spaces that would send you back or capture you for a time. While these games were reportedly used as pub games for adults, I find it remarkable how similar this one is to the several rounds of Candy Land that I played with my four year old last night.

The presentation ended with a question period which focused on what sort of thing he sought out for the Yale collection. The gist of his answers suggested that he has a generous annual budget and that, in addition to

the rare and historically important, he also sought to preserve and collect the cartographically curious.

*Summary by Mark Jaquith,
Cambridge, Massachusetts*

[Editor's note]

For more on Cartographical Curiosities,
go to Yale's Web page:

<http://www.library.yale.edu/MapColl/curious.html>

Note: this summary did not appear in the print version of the Newsletter.



Aerial Photography

David J. Riordan, the marketing and sales manager as well as GPS consultant of **Eastern Topographics** of Wolfeboro, N.H., engaged NEMO members on Thursday afternoon, June 6, with a description of the nature of his firm. While it started out in 1967 as the Lakes Region Survey Service, a ground survey firm focused on central New Hampshire, it has morphed into an aerial photography, photogrammetric mapping and digital terrain modeling firm that no longer conducts ground surveys. It has expanded to serve all of the New England states as well as parts of New York and New Jersey.

Eastern Topographics concentrates on small jobs, with the goal of providing the highest quality mapping with the shortest turnaround time. For scale, David mentioned examples of a cemetery and a golf course, as well as town mapping to update features such as landfill changes. The firm does not conduct boundary surveys. With "library imagery," an archive of aerial photography captured over the history of the firm, as well as the resources to fly and capture custom imagery for specific projects, it is able to serve local governments, land surveyors, and other private clients. The historic archive supports those conducting site assessments and land use studies. Approximately 20 employees range from pilots and camera operators to mapping and GPS specialists. They combine the best of technology from World War II to the present to produce vector-format maps, rectified digital orthophotos, and aerial mapping, making use of GPS for ground control.

Web site: <http://www.e-topo.com/>

Summary by Nancy Kandoian,
New York Public Library

Additional meeting reports will appear on the NEMO Web site:
<http://ublib.buffalo.edu/libraries/units/sel/collections/maps/nemo/nemo2002.html>

The Geography of City Neighborhoods: Manhattan, Buffalo, and Boston

Ernst Woodson gave an entertaining and informative presentation of the mapping project of the neighborhoods of Buffalo, New York. This work was originally created by Mr. Woodson, with technical Web development performed by several persons. The project is on a website hosted by SUNY Buffalo libraries where Ernst and his colleague and collaborator David Bertuca are librarians. Though a glitch in the meeting room's AV setup didn't allow a live demo of the Website: <http://ublib.buffalo.edu/libraries/units/sel/collections/maps/buffmap.html> Mr. Woodson instead, led the NEMO conference participants through the creation, development and maintenance of this website with good descriptions. The current iteration is the second generation of this website and it is continually being revised as new information, features (and time) allow.

Neighborhoods each have a unique character and frequently a name established by precedent. A neighborhood can be defined by these criterion: easily walkable, includes a commercial gathering point, and is usually bordered by a manmade obstacle (e.g. railroad grade, major roadway) Similar

Continued on page 2

Carto Clips

Fellowships for 2002-2003

The American Geographical Society Collection, University of Wisconsin-Milwaukee Libraries welcomes applicants for **Helen and John S. Best Research Fellowships**. Stipends of \$375 per week, for periods up to 4 weeks, will be awarded to support residencies for the purpose of conducting research that makes direct use of the Collection. The Fellowships will be tenable between December 2, 2002 and November 28, 2003.

The Collection, the former research library and map collection of the American Geographical Society of New York, has strengths in geography, cartography and related historical topics.

Applications must be postmarked by September 16, 2002. For further information, write, call or e-mail the AGS Collection, P.O. Box 399, Milwaukee, WI 53201-0399, (414) 229-6282 email: agsc@leardo.lib.uwm.edu.

Web site: <http://leardo.lib.uwm.edu>

--Christopher Baruth AGS Collection

Subscribing to Maps-L[ist]

In case you are not a subscriber to the Maps-L discussion list, here are the instructions.

To subscribe to Maps-L go to: <http://www.listserv.uga.edu/> and follow the pages to the maps-l subscription page. OR

To subscribe to maps-l send a message to:
listserv@listserv.uga.edu

The message should say:

subscribe maps-l **My Name**

[Where **My Name** is your own name.]

Lewis and Clark Expedition GIS

In order to mark the 200th anniversary of the Lewis and Clark Expedition, and to share the cartographic history of the exploration, approximately 30 of the most significant historical maps of the region from the David Rumsey Collection are now available on-line via the GIS Viewer at:

<http://www.davidrumsey.com/>

This visual voyage of discovery through the map history of the Lewis and Clark Expedition starts with pre-expedition maps of the early 1800's, then includes Lewis' original 1814 map of the expedition routes, next carries through to the first complete Government Land Office surveys of the late 1800's, then into the modern age 1970 National Atlas, and finally to the space age of satellite imagery. The David Rumsey GIS Viewer allows online visitors a unique opportunity to easily interact with, integrate, and visualize these historic maps along with the modern geospatial data from NASA, USGS, ESRI and GCS Research.

The modern geospatial data that can be overlaid and compared to the historical maps includes urban areas, transportation infrastructure (roads, rail), public land survey, lakes, parks, state boundaries, digital elevation models and satellite imagery. Users can create, save, and print custom maps, as well interactively blend/fade/merge and overlay/swipe multiple map layers for enabling real-time visual change analysis. Results of user customized map layer visualizations can be saved and downloaded as new images, complete with the georeferencing information, thereby allowing easy integration into other desktop GIS applications.

--Phil Hoehn, Librarian

13th European Mapcurator's Group Conference

The 13th conference of the Groupe des Cartothecaires de LIBER (European Mapcurator's Group) will take place from 3-6 September 2002 at Helsinki University Library, Finland. The final invitation can be located at the group's website:

<http://www.kb.nl/infolev/liber/intro.htm>

or directly on

<http://www.kb.nl/infolev/liber/13th.htm>

--Jan Smits, President GdC de LIBER

20th International Conference on the History of Cartography

June 15-20, 2003

Harvard Map Collection, Harvard University, Cambridge,
MA (June 15-17, 2003)

Osher Map Library, University of Southern Maine,
Portland, ME (June 18-20, 2003)

Call for Papers

The biennial international conferences on the history of cartography (ICHC), held under the auspices of Imago Mundi, Ltd., bring together a wide array of scholars who are interested in all aspects of the production and consumption of maps: historians of cartography, historians of science, art historians, geographers, cartographers, literary scholars, librarians, archivists, other historians, students in other cognate disciplines, map collectors, and map dealers.

ICHC 2003 features sessions on specific themes. Each session will comprise three 20 minute papers, each with five minutes of discussion. A separate poster session will permit presentation of posters up to 4' x 8'. Audio-visual equipment will be available: overhead projectors, slide projectors, and computer projectors (presenters will provide their own computers).

There will be three workshops on issues relating to the history of cartography, several associated cartographic exhibitions, an extensive social program, and activities for accompanying persons.

Full details of these activities, together with information about conference fees, hotels and other accommodations, and the social program, together with registration forms, will be found at www.ichc2003.org (updated regularly). Questions about the conference should be addressed to info@ichc2003.org.

Conference Themes

Papers, posters, or entire sessions are solicited addressing issues pertinent to any of the following themes (in all historical periods and cultures):

(a) cartography, states, and empires e.g., the production and use of maps by governments, cartography and representations of nationalism, cadastral mapping, military mapping, rise of thematic mapping, etc.

(b) cartographic literacy and culture e.g., patterns of map consumption, cultural understandings of the nature of maps, cosmographical and religious mappings, intersections of graphic and non-graphic maps, reception of new cartographic concepts, cartography and mass literacy/popular culture, etc.

(c) cartography and commerce e.g., conditions of the map trade, marketing of maps, geographical knowledge as a commodity, interrelations of the map, print, and book trades, etc.

(d) mapping the Americas e.g., the conceptualization of the New World, colonial mapping projects, mapping frontiers of settlement and exploitation, representing the independent republics, etc.

(e) any other topic in the history of cartography

Any questions about possible topics for papers, posters, or sessions should be addressed to Prof. Matthew Edney, chair of the ICHC 2003 program committee, at edney@usm.maine.edu or by mail at Osher Map Library, University of Southern Maine, Portland, ME 04104-9301, USA.

Submissions must be received by October 15, 2002. Notification of acceptance or rejection will be made by January 15, 2003.

See the Web site for details.



Map Meeting in Texas University of Texas at Arlington October 4-5, 2002.

The Texas Map Society, the Philip Lee Phillips Society, and the third Biennial Virginia Garrett Lectures on the History of Cartography will be holding a joint meeting at The University of Texas at Arlington on October 4 and 5, 2002. This meeting in the past has proven to be a major event for those interested in maps and cartographic history.

We in the Texas Map Society would like to extend a special invitation to members of the various map societies in the United States to attend this exciting event.

Should you have questions or comments, please contact:

Katherine (Kit) R. Goodwin

817-272-5329 (voice)

817-272-3360 (fax)

<mailto:goodwin@uta.edu>

NACIS Meeting Announcement

The North American Cartographic Information Society will meet October 9-13, 2002 in Columbus, Ohio.

Here is where elusive cartographers and GIS professionals (teaching faculty, commercial, state and federal employees) get together to talk shop — if we take the time to talk, they will attend and listen.

NACIS has existed for 22 years and is an organization of librarians, teaching faculty, cartographers and GIS professionals. Annual membership is \$42.00/year, registration costs at the annual conference run about \$125 (significant amounts of food; workshops and field trips extra and optional) and there is a journal *Cartographic Perspectives* as well as a Web site:

<http://www.nacis.org/meetings.html>



Membership Renewal Form

Dear NEMO Member;

If you did not attend the annual meeting in June, and did not send in your renewal, please make sure to take the time to renew your membership for the 2001-2002 year. One way to tell if you have not paid, is to look at your mailing label. If there is a **red 2001 or 2002 on the label, then you need to renew** (if 2003 is on the label you already renewed).

Besides the meeting, NEMO membership provides you with the quarterly newsletter and to a network of colleagues. To renew, please photocopy and fill out the form below and send it with a check for \$15.00 (payable to **NEMO**) to:

Eric Riback
National Geographic Maps
2504 Kerry Lane
Charlottesville Virginia 22901

Thank you.

Name/Title: _____

Address: _____

City/ST/zip _____

Phone: _____

e-mail: _____

The NEMO Newsletter

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We invite and welcome contributions and suggestions. Please submit all materials to the editor using e-mail, 3.5" PC or Macintosh disk (in Word, RTF, or ASCII format), or by sending a typewritten document. Newsletter submissions and questions on submissions should be directed to:

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NEMO (North East Map Organization) is a group dedicated to serving as a unifying body for all who use, produce, collect, and market maps and cartographic information in the North-east; 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.

Subscriptions are included with membership in NEMO, which is fifteen dollars per year. Back issues for the current year will be included with new memberships.

Membership inquiries should be addressed to:

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web: <http://www.mapville.com>

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First Class Mail

Return address requested



**2002 Meeting Issue
& Renewal Information**