

International Association of Aquatic and Marine
Science Libraries and Information Centers

newsletter

Number Forty-two
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IN THIS ISSUE

| | |
|-----------------|------|
| Regional Groups | 2 |
| 1992 Conference | 4 |
| CD-ROM | 6-7 |
| Internet | 9-14 |
| Survey | 15 |

From the President

Nearly 20 years ago IAMSlic was founded by librarians primarily from Canada and the US (particularly the east coasts of both countries). Gradually as more members were recruited from western North America, from Europe and from Latin America, Africa, Austro-Asia and the Pacific, leadership has become distributed with greater geographic proportion.

And yet the annual conference which has been the central event in IAMSlic has remained a North American event. With the formation of the Committee on International Cooperation in 1986, conscious efforts have been made to expand and to strengthen the role in IAMSlic of librarians from outside North America, to create an Association that is more truly integrated internationally.

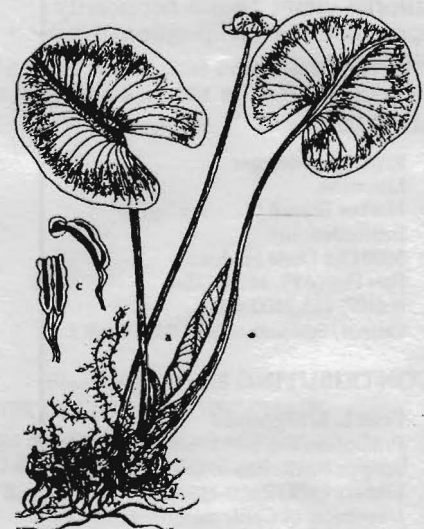
Among the changes promoted by CIC have been the formation of well-integrated regional groups and location of conferences outside of North America. In 1989 the conference was held in Bermuda and this year, for the first time, IAMSlic will be meeting in Europe proper -- at the Alfred Wegener Institute in Bremerhaven. A meeting of the EURASLIC regional group of IAMSlic will be held in conjunction with the IAMSlic conference.

For the first time, it should be conveniently possible for IAMSlic librarians in Europe, Africa and the Middle East to join with colleagues from North America, to share experience and to discuss more effective, productive methods of cooperation.

For those in North America, special arrangements have been made [see elsewhere in this newsletter] for affordable -- exceptionally affordable! -- travel to Europe. This will be an exciting opportunity for new professional initiatives as well as providing a chance to make new friends.

Make your plans now for October!

Tom Moritz □



Communications to IAMSlic should be directed to:

Kristen L. Metzger

Harbor Branch Oceanographic Institution
5600 Old Dixie Highway
Ft. Pierce, Florida 34946 USA

IAMSLIC / CYAMUS WORKSHOP

The first meeting of the IAMSLIC/Cyamus Regional Group on March 6-8, 1992 was hosted by the Monterey Bay Aquarium, Moss Landing Marine Laboratories, Hopkins Marine Station and the University of California, Santa Cruz. This group has met informally for four years, but this was the first meeting since the regional group was formally established. Thirty-three IAMSLIC members and their guests (from California, Oregon, Washington and Hawaii) introduced themselves and described recent changes and new programs at their libraries and institutions.

The first day included informal discussions on such topics as disaster planning, fund raising and grant writing. Internet access, including public access Internet sites and the IAMSLIC bulletin board on the Internet was also addressed. (See article in this issue of the IAMSLIC Newsletter for instructions on subscribing to the IAMSLIC bulletin board).

The group considered the desirability of a union list of serials.

The decision was made to develop a list for the region and then determine if the procedures used could be scaled up for IAMSLIC as a whole. Steve Watkins, Janet Webster and Joe Wible will explore the possibilities.

Tom Moritz gave an update of activities of the IAMSLIC executive board and committees. He encouraged all members to participate in the twinning program. It is an easy way for us to have a broader impact in developing countries.

Eleanor Uhlinger described the travel program arranged with Anton Travel for getting to the 1992 IAMSLIC annual conference in Bremerhaven, Germany. There are significant savings in airfare which should increase the possibilities for people attending. (See article in this issue of the IAMSLIC Newsletter for further details).

The group had the opportunity to visit the libraries at the Hopkins Marine Station (Stanford University), the Monterey Bay Aquarium and the

new Science Library at the University of California, Santa Cruz. A tour of the Long Marine Laboratory (UCSC) was also part of the activities. The Saturday evening banquet was followed by a presentation from Dr. Milton Love, author of *Probably More Than You Want to Know About the Fishes of the Pacific Coast*, (Really Big Press, P.O. Box 60123, Santa Barbara, Ca. 93160, \$12.95). Dr. Love's slide presentation was accompanied with humorous anecdotes and natural history of a variety of fishes.

Throughout the meeting we were able to visit the wonderful Monterey Bay Aquarium. We also received an early-bird tour of the newly opened exhibit, "Planet of the Jellies."

Preliminary plans are being made for next year's meeting in Friday Harbor, Washington. Everyone was able to share experiences, successes and failures, learn new things, meet new people and renew old friendships. What more could you ask from a meeting! □

The IAMSLIC newsletter is published quarterly; in March, June, September and December.

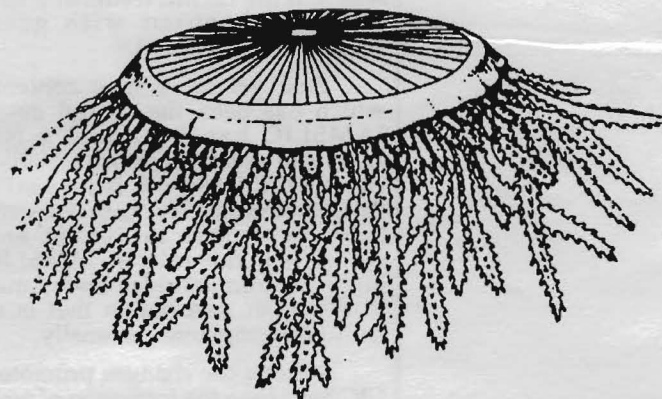
IAMSLIC assumes no responsibility for the statements and opinions advanced by contributions to IAMSLIC publications. Editorial views do not necessarily represent the official position of the association.

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SAIL CONFERENCE

The Second Annual SAIL meeting was held in Savannah, Georgia March 11, 12, and 13th at the Skidaway Institute of Oceanography. Tom Turner of Skidaway hosted the conference, and Linda Pikula of NOAA was the Program Planner. Twenty-five Marine Science Information Specialists from the Southeast and the Caribbean attended the workshop to share information on library technology and strengthen networking in the Southeast.

Fran Chatterjee of the Bermuda Biological Station and Gloria Greene of the University of the West Indies, Jamaica discussed their institutions' programs, library technology and networking. A list of local databases available at SAIL libraries will be exchanged. Members of SAIL established a fund for twinning membership in IAMSLIC for Caribbean libraries. Joint hosts for next year's meeting will be the NOAA/NMFS Laboratory in Beaufort, North Carolina and Duke University Marine Laboratory. □

FAREWELL FROM ALLEN VARLEY

Dear Friends,

This is to let you know that at the end of April I am retiring from my post as Head of Library and Information Services at the Plymouth Marine Laboratory and Marine Biological Association. During the 25 years that I have been in Plymouth I have had the good fortune to be able to meet many of you and to be actively involved with marine information programmes and systems. Although I am taking early retirement I intend to retain an interest in developments in marine information. If I can be of any assistance or if any of you visit this part of the world, I will be very pleased to hear from you, and can be contacted at home.

Parsonage Farm
Newton Ferrers
Plymouth PL8 1AT
England
☎ (752) 872281

It has been a great pleasure working with you.

Sincerely,
ALLEN VARLEY ☐

ELECTRONIC MAIL ADDRESSES: ADDITIONS AND CORRECTIONS

Andrea Coffman's Omnet address was listed incorrectly. E-mail addresses for Andrea are as follows:

Omnet: J.JACOBSON (Attn: A. Coffman)
Bitnet: acoffman@oregon
Internet: acoffman@oregon.uoregon.edu

Kristen Metzger now has an Internet mailbox in addition to Omnet.

Omnet: HBOI.LIBRARY
Internet: harbomet@class.org ☐

ALAN BALDRIDGE

A cover story on Alan Baldrige, head librarian at Stanford University's Hopkins Marine Station Library, entitled "Alan Baldrige, a generous nature" appeared in Alta Vista Magazine, pp10-13, 9 February 1992. The story notes that "Baldrige's name is not exactly a household word" but long-time IAMSPLIC members may disagree. ☐

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Golden Gate Park
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CALL FOR PAPERS

IAMSLIC '92

FOR THE FIRST TIME IN EUROPE !

The 18th Annual Conference of the International Association of Aquatic and Marine Sciences Libraries and Information Centers (IAMSLIC) will be held October 5-9 1992 at the Alfred-Wegener-Institut fuer Polar-und Meeresforschung, Bremerhaven, Germany

The conference theme will be:

"AQUATIC INFORMATION RESOURCES - TOOLS OF OUR TRADE"

Please send proposals for papers before June 1st 1992.

Send proposals to conference organizer:

Eirikur T. Einarsson, Librarian
Marine Research Institute
P.O. Box 1390

121 Reykjavik, Iceland

Phone: (+354)-1-20240

Fax: (+354)-1-623790

ScienceNet: MRI.ICELAND.LIBRARY

Internet: eirikur@hafro.is

Local arrangements:

Regine Sbresny, Librarian
Alfred Wegener Institut fuer
Polar- und Meeresforschung
Columbusstrasse, Postfach 12 01 61
2850 Bremerhaven

ScienceNet: ALFRED.WEGENER Attn: R. Sbresny □



1992 IAMSLIC CONFERENCE ✈ TRAVEL ✈

IAMSLIC has appointed Anton International Travel and United Airlines the official travel agent and airline for the 1992 International Association of Aquatic and Marine Science Libraries and Information Centers Convention in Bremerhaven, Germany.

You can contact Anton International Travel at 1-800-245-5630 or FAX (707) 829-5730 for reservations and information. Special convention airfares are available for travel to London or Hamburg from all cities that United Airlines flies in the United States, Canada, Australia, New Zealand and the Philippines. Contact Anton International Travel for price quotes and to reserve the most economical airfare as soon as possible. United Airlines special conference rates are available for travel from September 29 to October 24.

Anton International Travel is available to assist you with conference hotel reservations, visa and passport applications, European rail passes, pre and post convention travel and rental cars. If you are planning to attend the conference, make sure your passport has not expired or will expire while you are at the conference. United States passports are now valid for ten years.

This conference represents an opportunity to visit a unified Germany and travel easily to cities such as Dresden and Berlin. Be sure to contact Anton International Travel for more information at 1-800-245-5630. □

GERMANY VIA IRELAND ?

Matt Murphy, Director of the Sherkin Island Marine Station, has generously offered to welcome anyone wishing to visit the marine station at Sherkin Island while traveling to or from the IAMSLIC meeting in Germany. He says, "We can offer accommodation - sleeping bag style which we can provide. That apart, you will be well looked after and we'll show you some of the islands of Roaringwater Bay. Cork City is the nearest airport - 60 miles away. I look forward to hearing from you". He can be contacted at:

Matt Murphy, Director
Sherkin Island Marine Station
Sherkin Island
County Cork
Ireland
☎ 028 20187 □

SIMPLIFIED IMPORT OF REFERENCES INTO PRO-CITE SOFTWARE

Personal Bibliographic Software, the producer of Pro-Cite bibliographic database software for IBM or Macintosh, has streamlined its Biblio-Link product line. Biblio-Link is used to convert references downloaded from online or CD-ROM databases or from library catalogs into a format suitable for import into a Pro-Cite database. Biblio-Link for IBM is now available in two modules or "packages": Online and Library.

The IBM Online Package converts references downloaded from databases on the BRS, Dialog, Medlars, and STN online databanks and from SilverPlatter compact disc databases. The IBM Library Package converts references downloaded from automated library systems (DOBIS, DROLS, MUMS, NOTIS, OCLC, SCORPIO) or in USMARC format. The Macintosh Biblio-Link Package focuses on the BRS, Dialog, and Medlars databanks and excludes the "library" options in the IBM version. These Biblio-Link Packages cost US\$ 295 each which is a cost reduction compared to past practice particularly for the IBM Online Package. Contact:

Personal Bibliographic Software
PO Box 4250
Ann Arbor MI 48106 USA
(313)996-1580
(313)996-4672 □

HYDROLOGICAL TABLES ON DISK

Applied Environmetrics Hydrological Tables by Tom Beer is available on 5.25 DOS disk for US\$ 125 or A\$ 150. The Hydrological Tables are a standard computerized reference work for commonly used hydrological data. Data tables cover: physical properties of water, open channel flow, molecular transport properties, open water evaporation, saturation values of dissolved oxygen/nitrogen/argon, soil moisture properties, drought indices, catchment hydrology, sedimentation for spherical particles, sediment transport, sunrise and sunset times, and more. Applied Environmetrics is also the publisher of computerized tables for oceanography and meteorology. Contact:

Applied Environmetrics
PO Box 946
Roslyn WA 98941-0946 USA
or
118 Gordon St
Balwyn, Vic. 3103
Australia
ISBN 0-9590809-3-7 □

CDS/ISIS:

A WELL-KEPT SECRET

On a bus trip to the Johnson Space Center in October, A Belgian working in Mombasa now returned to Paris (who will remain nameless) told me about CDS/ISIS. He described it as a robust tool, adequate but not fancy. He apologized for its un-user-friendliness. This latter remark, I discovered later, was a way of hiding from me the fact that you need to know Pascal programming to fully utilize the program.

If you liked Latin, if you prefer a car with standard shift, if you recoiled at the thought of the Sex Machines in Woody Allen's *Sleeper*, you will love CDS/ISIS. It is not so much a library automation program (as we Americans have come to know them) as the Pascal programming language with value-added bibliographic functions. It is as if there were a version of dBASE specifically for variable-length bibliographic records. The small price of admission is to learn the simplified version of programming in Pascal.

Aristotle noted that an animal's claw is marvelously adapted to its specific function and is in many cases much more powerful than a man's hand. However, a man's flexible, un-specialized hand, under the guidance of his unlimited intellect, can perform an infinite variety of tasks, including fashioning a tool to bop the animal. So too in library automation. Do you want to pay many K for a one-trick pony, or do you prefer to pay zero K for a marvelous genie who obeys your every command? As Marcellin, the computer repairman, says, I do not want the machine to control me; I want to control the machine.

The best things in life are still free, but they do seem to take effort.

Charles A. McFadden □

RESEARCH NETWORKS AND LIBRARIES

"Research networks and libraries, applications and issues for a global information network" (citation below) was written to promote electronic transfer of data between libraries and between libraries and users. The book discusses the vast potential of research networks as a global infrastructure for electronic data transfer and emphasizes the role of standards, particularly those for Open Systems Interconnection. This book is a must-have for those interested in networking. Chapters include: Overview of Network Concepts (includes protocols); Library Applications of Research Networks (includes document delivery); Libraries and Research Networks Projects in North America, Europe, Australia, and Japan; Issues in Library Use of Research Networks (including outlook for developing nations); and, Future Initiatives. An extensive appendix covers the topology of global research networks; details are given for each network and all are listed in a geographic index.

Gary Cleveland. "Research networks and libraries, applications and issues for a global information network". 1991. International Office for Universal Dataflow and Telecommunications, International Federation of Library Associations and Institutions c/o National Library of Canada, 395 Wellington St, Ottawa, Canada K1A 0N4, ISBN 0-9694214-1-9. □

CD-ROM DRIVE EVALUATIONS

PC MAGAZINE reviewed fifteen CD-ROM drives and selected the Sony CDU-7205 as its Editor's Choice [Mitt Jones, "CD-ROM drives finally up to speed", PC MAGAZINE 10(18):283-338, October 29, 1991]. Paul Nicholls of University of Western Ontario conducted an informal electronic mail survey of CD-ROM drive users over the Internet PACS-L conference. His survey asked conference members to rate the basic functionality and reliability of their CD-ROM drives on a scale of 1-5 where "5" represents complete satisfaction and "1" complete dissatisfaction. Each response (N) might represent dozens of individual drives, so I have left in cases with a low response rate. The four libraries rating the NEC CDR-72, for example, might easily represent 10-20 individual drives. These results should not be viewed as HIGHLY reliable or accurate, but may give some idea of how the drives stack up.

| CD-ROM DRIVE | N | MEAN | MIN | MAX |
|------------------|------|------|-----|-----|
| NEC CDR-72 | 4 | 5.00 | 5 | 5 |
| Hitachi CDR-1700 | 16 | 4.90 | 4 | 5 |
| Hitachi CDR-1503 | 34 | 4.71 | 3 | 5 |
| Hitachi CDR-3600 | 13 | 4.50 | 1 | 5 |
| Philips CM-201 | 2 | 4.50 | 4 | 5 |
| Pioneer DRM-600 | 4.50 | 12 | 4 | 5 |
| Sony CDU-1701 | 2 | 4.50 | 4 | 5 |
| Todd (Hitachi) | 6 | 4.50 | 3 | 5 |
| Toshiba TXM-3200 | 6 | 4.30 | 3 | 5 |
| Hitachi CDR-1502 | 7 | 4.20 | 3 | 5 |
| Sony CDU-200 | 2 | 4.00 | 3 | 5 |
| Philips CM-100 | 16 | 3.70 | 2 | 5 |
| Hitachi CDR-3500 | 5 | 3.60 | 2 | 4 |
| Amdek LD-1 | 4 | 3.50 | 3 | 4 |
| NEC CDR-35 | 2 | 3.50 | 2 | 5 |
| Sony CDU-6100 | 2 | 3.50 | 3 | 4 |
| Toshiba TXM-2100 | 4 | 3.25 | 2 | 5 |
| Sony CDU-100 | 5 | 3.20 | 2 | 5 |
| Toshiba TXM-3201 | 9 | 3.10 | 1 | 5 |
| Philips CM-121 | 2 | 3.00 | 2 | 4 |

CD-ROM HARDWARE CONFIGURATIONS

Lee Jaffe and Steven Watkins detail hardware configurations and considerations for CD-ROM systems in "CD-ROM hardware configurations, selection and design" in CD-ROM PROFESSIONAL 5(1):62-68, January 1992. This article presents a useful and practical overview of CD-ROM systems. □

MICROCOMPUTER VIRUS MONITORING

CD-ROM workstations available for public access can be subject to inadvertent invasion by viruses. A review of twenty virus-checking software entitled "On guard: 20 utilities that battle the virus threat" appeared in PC MAGAZINE 10(18):199-280, October 29, 1991. PC MAGAZINE tested each software against several viruses and selected two products as the best: Central Point Anti-Virus and Dr. Solomon's Anti-Virus Toolkit. Page 201 of the review offered "five common-sense tips for safer computing": apply write-protect tabs to all program disks before installing new software; do not install software if you don't know where it's been; make executable program files read-only; abolish the use of floppy disks to transfer files (hard to do this with CD-ROM workstations); and, back up your hard disk. □

CD-ROM LONGEVITY

CD-ROMs have their data digitally encoded onto aluminum embedded in plastic. Recent statements by the U.S. National Archives and Records Administration have set the expected lifespan of an aluminum CD-ROM at 3-5 years. Ken Thibodeau of the National Archives stated that the aluminum is vulnerable to oxidation. Oxygen permeates the plastic coating around the aluminum; the aluminum oxidizes and breaks down. Oxidation begins during the manufacturing process itself because there is no attempt to evacuate the air between the aluminum and the plastic coating; preventing air from being introduced during manufacture is cost prohibitive. The only coating presently available that could possibly protect against oxidation is glass which has other problems including breakage.

[from: OCLC Pacific Network News Update #70: 31-32]. □

POLAR REGIONS CD-ROMS

Martha Andrews reviewed the scope, purpose, and relationship of the PolarPac and Arctic & Antarctic Regions CD-ROMs in "International polar regions databases on CD-ROM", SPECIAL LIBRARIES ASSOCIATION GEOGRAPHY & MAP DIVISION BULLETIN 166:2-6, December 1991. □

HERE'S A FAVORITE
TOPIC:

CD-ROM REFERENCE ASSISTANCE

"Reference assistance for CD-ROM users: a little goes a long way" by Kristine Condic [CD-ROM PROFESSIONAL 5(1):56-57, January 1992] presents helpful guidelines for assisting CD-ROM users. Condic emphasizes being brief and letting users try suggestions on their own before offering more assistance. □

SEAFLOOR IMAGERY AND BATHYMETRY FOR CONTINENTAL SHELF OF WASHINGTON, OREGON, AND CALIFORNIA

Data and seafloor imagery for GLORIA sonar and bathymetric data for the U.S. northwest exclusive economic zone is available on compact disc. GLORIA data is available from 40 degrees North to 49 degrees North latitude in a full-resolution, processed binary file format as well as a compressed format for display (17 2-degree by 2-degree image files). Bathymetric data is available from 30 degrees North to 49 degrees North latitude in an ASCII file format which duplicates the USGS library database as well as a format used for display. Display software is provided for DOS microcomputers. The CD-ROM is entitled "GLORIA imagery and bathymetry, U.S. West Coast EEZ" and numbered as U.S. Geological Survey Open-file Report 91-396. Contact:

USGS-NOAA Joint Office for Mapping and Research
915 National Center
Reston VA 22092 USA
☎ (703)648-6524
Fax (703)648-5464 □

RUNNING CD-ROMS UNDER DOS 5.0

An article entitled "MS-DOS 5.0 setup with the CD-ROM Extensions" [Tom Roscoe, CD-ROM PROFESSIONAL 5(1):126-128, January 1992] detailed potential problems and solutions for running CD-ROM workstations with the new release (5.0) of DOS and Microsoft CD-ROM Extensions, MSCDEX. □

AGRIS INTERNATIONAL FOR MORE FISHERIES & AQUACULTURE INFORMATION

Peter Brueggeman
Scripps Institution of Oceanography Library

The ASFA (Aquatic Sciences and Fisheries Abstracts) database is an obvious and valuable resource when searching for information on fisheries and aquaculture. ASFA is produced by Cambridge Scientific Abstracts with input from FAO centers. FAO's own AGRIS INTERNATIONAL database has fisheries and aquaculture references that do not appear in ASFA. Though FAO is involved with ASFA which covers fisheries and aquaculture, a sizable and unique body of references to fisheries and aquaculture literature appears in the AGRIS INTERNATIONAL database.

For purposes of illustration, a search on title words "fisheries" and "aquacultur*" [*=truncation] was executed on both databases simultaneously; the search was then narrowed to those with the word "Pacific" and with publication year from 1988 to 1992. Duplicate references were removed with the Dialog databank's duplicate detection feature. Duplicate detection is not 100% perfect but its capability appears to be high and sufficient for comparing database overlap and uniqueness. After duplicate references were removed from the list with preference for keeping duplicates given to ASFA, 46 of the total of 257 references from both databases were "unique" to AGRIS INTERNATIONAL. Remember that some of these 46 "unique" AGRIS INTERNATIONAL references will actually be in ASFA due to failure of Dialog to detect all duplicates. A quick recheck of ten of the 46 "unique" AGRIS INTERNATIONAL references found two that were actually in ASFA. The remaining eight of the test group of ten references were indeed unique to AGRIS INTERNATIONAL and not found in ASFA.

Extrapolation indicates that 36 of the 46 AGRIS references can be expected to be unique to the AGRIS INTERNATIONAL database and not found in ASFA. This corresponds to 14% of the total number of retrieved references being unique to AGRIS INTERNATIONAL. This high yield indicates that the AGRIS INTERNATIONAL database has suf-

ficient unique material to warrant searching it when attempting comprehensive retrieval of fisheries and aquaculture information. As further indication of the utility of AGRIS INTERNATIONAL for fisheries and aquaculture information, the following titles are eight references found to be unique to AGRIS INTERNATIONAL:

- The Pacific oyster, *Crassostrea gigas*, as a biological filter for a marine fish aquaculture pond.
- A survey of aquaculture in the Indo-Pacific coastal region.
- Women in fisheries. Why women count: prospects for self-reliant fisheries development in the South Pacific compared to the Indian Ocean Development and social change in the Pacific Islands.
- Report. Network of Aquaculture Centres in Asia and the Pacific. Governing Council Meeting. 1.
- Review of research and recent developments in South Pacific albacore fisheries with emphasis on large-scale pelagic driftnet fishing. Report. Expert Consultation on Large-Scale Pelagic Driftnet Fishing.
- Data needs and availability for South Pacific albacore fisheries. Report. Expert Consultation on Large-Scale Pelagic Driftnet Fishing. Growth, mortality and maximum sustainable yield of the Indo-Pacific mackerel (*Rastrelliger brachysoma*) off the southwest coast of Thailand.
- The exercise of coastal state jurisdiction over EEZ fisheries resources: the South Pacific practice Exclusive Economic Zone. □

TWINNING

To encourage increased membership outside the developed countries, the IAMS LIC Executive Board has established a membership fee based on the geographic location of the applicant. Membership fees for those applying from developing countries will be \$12.50 for 1991/92 and \$17.50 for 1992/93.

If you or your institution are willing to be a "twin", the above rates are what you would be requested to pay in support of your chosen "twin".

So far only 3 offers to twin have been received from IAMS LIC members. In contrast 15 institutions in developing countries are asking for help in joining IAMS LIC.

- 1 Tanzania
- 1 Kenya
- 1 Nigeria
- 1 Ivory Coast
- 1 Cameroon
- 1 Guinea
- 2 Benin
- 2 Mauretania
- 3 Senegal

Anyone interested in participating in this program should send their name to:

Connie Cooke
Library
University of Connecticut at
Avery Point
1084 Shennecossett Road
Groton, CT 06340-6097 USA

You will be notified of the name of your "twin" or you may choose an institution or country on your own.

Eleanor Uhlinger □

CEMARE

Centre for Marine Resource Economics

CEMARE is a centre for training, advanced studies, research and consultancy, particularly in the field of fisheries economics. It offers both Master of Science (MSc) and Postgraduate Diploma (PgD) courses in Fisheries Economics. It's Research Staff produce a wide range of publications, at present there are over 90 in the CEMARE Research Paper Series, various reports, and most recently it has become responsible for producing the EAFE (European Association of Fisheries Economist) Bulletin. CEMARE has a comprehensive library which focuses on the social science aspect of fisheries and related topics.

If anyone would like further information about any aspect of CEMARE, please contact:

Dr. S. Cunningham, Director
CEMARE
Portsmouth Polytechnic
Milton Site, Locksway Road
Portsmouth PO4 8JF
United Kingdom □

PIMRIS PROFILED

An overview of the Pacific Islands Marine Resource Information System (PIMRIS) appeared in ICOD INFO 4(1):3&5, 1991 entitled "From the library shelf to the hands of users". Papers on PIMRIS were presented at the 1989 and 1990 IAMS LIC conferences. □

MARINE ANIMAL SOUND DATABASE

"Marine Animal SOUND Database" [Woods Hole Oceanographic Institution Technical Report WHOI-91-21] describes the structure and contents of an unusual database system providing comprehensive means for quantitative analyses and statistical comparisons of marine animal vocalizations. The Marine Animal SOUND Database system catalogs the WHOI collection of underwater sound recordings from marine animals, makes digital sound sequence files available, and provides software for analysis, display, playback, and export of selected sound files. The text databases index and sort information on the sounds. The digital sound files are accessed directly from the text record, analyzed onscreen, listened to, and compared or exported as desired. The SOUND databases have about 5000 entries and textual data is based on INMAGIC software with digital sound files being stored on optical disks. The database record structure is described in detail. □

SOUTH PACIFIC GEOSCIENCE DIRECTORY

The South Pacific Applied Geoscience Commission (SOPAC) has published the South Pacific Geoscience Directory [SOPAC Miscellaneous Report 118, November 1991]. Compiled by Heather Creech, the Directory lists regional government officials, researchers, consultants, commercial agencies and donor agencies with an interest and expertise in South Pacific geoscience. The Directory entries are arranged by country with subject indexing and a list of acronyms. Contact SOPAC at:

Technical Secretariat
South Pacific Applied Geoscience Commission
Private Mail Bag
Suva, Fiji □

AD-HOC INTERNETWORKING COMMITTEE (AHIC) SECOND QUARTERLY REPORT

Since our last report, AHIC has:

(1) Revised our name to better reflect the variety of electronic communications systems available to our members;

(2) Established an electronic conference on the Internet [IAMSPLIC@UCSD.EDU] and BITNET [IAMSPLIC@UCSD] to provide a wider sector of our membership with an electronic means to share information (see details in P. Brueggeman's article on page 10 in this issue). An IAMSPLIC volunteer currently relays messages from OMNET's IAMSPLIC bulletin board to the Internet/BITNET conference. Incidentally, non-members in the aquatic and marine science information community are being brought into Internet-mediated electronic discussions with our members. Hopefully this will increase membership in IAMSPLIC;

(3) Announced this Internet conference on the IAMSPLIC bulletin board and via direct email to all non-OMNET members for whom we had email addresses.

(NOTE: I was unable to reach several e-mail addresses listed in the new EURASLIC directory. If you did *NOT* hear from me, please send a message to me at ESUHLINGER@UCDAVIS.EDU Once I

get your message I can figure out the correct path from my system to yours. I did not intentionally overlook anyone!)

(4) Created a second OMNET bulletin board, IAMSPLIC.NET, to facilitate communications between non-OMNET and OMNET users.

IAMSPLIC.NET, a new READ-ONLY bulletin board, will receive postings from the Internet IAMSPLIC conference. Beginning in April 1992, a volunteer will relay messages from the Internet/BITNET conference to IAMSPLIC.NET. Messages posted on IAMSPLIC.NET will not duplicate those on the IAMSPLIC or EURASLIC bulletin boards and may be slightly longer than typical OMNET messages. The separate IAMSPLIC.NET board was established to support cost control for OMNET users. Some may wish to view OMNET's IAMSPLIC board and not the IAMSPLIC.NET board. Those who are on both OMNET and Internet will be able to choose where they view information.

OMNET users should respond to postings on IAMSPLIC.NET by sending their messages to IAMSPLIC. In order to respond directly to an individual who is not on OMNET, the OMNET user must use COMPOSE MANUAL and then select the "send a message to the Internet" or "send a message to the BITNET" option.

(5) Developed a brief questionnaire to gather information about costs and procedures by which people gain access to the Internet or other electronic systems (see questionnaire on page 15 in this issue).

(6) There are several ways individuals can "join" the Internet if their institution has no direct connection. Some of these avenues were discussed in previous IAMSPLIC newsletters and another is described in this newsletter (see P. Brueggeman's article on "The World" on page 10 in this issue). Please contact me if you need additional information about these services.

ELEANOR UHLINGER,
AHIC CHAIR

Bodega Marine Laboratory Library
PO Box 247 / Westside Road
Bodega Bay, California 94923-0247
USA

FAX 707-875-2089

Internet: esuhlinger@ucdavis.edu
OR ucdbml@ucdavis.edu

BITNET: esuhlinger@ucdavis OR
ucdbml@ucdavis

UUCP: uunet!ucdavis!esuhlinger
OR uunet!ucdavis!ucdbml ☐

EASIER INTERNET ACCESS

CLASS, Cooperative Library Agency for Systems and Services, is offering access to the Internet. A CLASS/INTERNET password and a workstation or microcomputer with modem are minimally required. Charges include the cost of CLASS membership (if not already a member, US\$ 135/year; lower rates for consortia members), CLASS Internet password fee (US\$ 150/year for one password), and connect time charges of US\$4.50/hour. The dialin phone numbers for Internet access via CLASS are in northern and southern California so factor in long-distance phone charges. CLASS is offering Internet access through CERFNET, a mid-level state network. You can use the Internet to search library online catalogs, transmit and receive electronic mail from any other Internet user, download public domain software, and more. CLASS also offers educational opportunities and training, consultation services, product brokering and other services. CLASS' product brokering includes library supplies (e.g. DEMCO, Brodart, Gaylord), document delivery (e.g. Information on Demand), software (e.g. 20% discount for Pro-Cite bibliographic database software), original and copy cataloging (e.g. 5% discount on Shelfmark cataloging), online databanks (e.g. \$4-\$10/hour discount on Dialog), and CD-ROMs (e.g. Dialog, Silver Platter, Cambridge Scientific Abstracts). A 10% discount is available for Aquatic Sciences and Fisheries Abstracts CD-ROM.

CLASS

1415 Koll Circle, Suite 101
San Jose CA 95112-4698 USA

☐ (800) 488-4559

☐ (408) 453-0444

Fax (408)453-5379

OPTION FOR INTERNET ACCESS

The World is a public access UNIX system with access via Compuserve's Packet Network. The World is accessed with 9600, 2400, 1200 baud modems and consists of a Sun Microsystem Sparc Server with over 3 gigabytes of disk storage and international network connections. To sign up for public access, dial 617-739-WRLD and type "new". The basic rates are \$2/hr 24 hrs/day and a \$5 monthly account fee. The 20/20 Plan is \$20 paid in advance for 20 hours of online time during a one month period. This includes the monthly account fee and an additional 1500 blocks of disk space. After your first 20 hours, the hourly rate is \$1/hr.

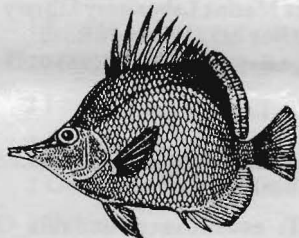
The World offers electronic mail with access to numerous networks including Internet, UUCP, BITNET, EUNET (Europe, Soviet Union), JANET, JUNET (Japan), Fidonet, BIX, Compuserve, Applelink, and MCI mail. All popular Unix mail

programs are available. The World carries USENET which is an international bulletin board system with over 2600 conferences (newsgroups). More than 1,000,000 people are reachable. The World offers ClariNet with UPI, AP, and satellite news services formatted and organized. The World supports electronic mailing lists; you can join and form mailing lists devoted to specialized topics. The World also offers Unix software, Internet connectivity including ftp and telnet, and many other services.

To access the World via Compuserve, first find your local Compuserve number. Dial direct to Compuserve at 1-800-848-4480 using your modem. Enter the command "phones" at the prompt. You can also call the World direct at 617-739-0202 for your local number. After you have the local Compuserve number, dial it and enter "world,domestic" at the "Host name:" prompt. Use the

password "notobvious" to gain access to The World. At The World's login prompt, use the login "new" to begin the account request program. You will be asked a few questions necessary to create an account. Visa or Master Card is accepted for billing purposes. The World will allow you to select your login name. Your login name will be your electronic mail address. An initial password is provided by the account creation software. For customers with credit cards, the account is available immediately upon completion of the request. Customers who request postal billing must contact the World's office for account activation.

The World is managed by Software Tool & Die, 1330 Beacon Street, Brookline, MA 02146 USA. 617-739-0202. Software Tool & Die staff have extensive UNIX and international networking experience. □



INTERNET ARTICLE

A readable article on the Internet entitled "The Internet" by Gord Nickerson appeared in COMPUTERS IN LIBRARIES 11(8):25-29, September 1991. Future columns by Nickerson will cover "telnet" to remote computers including library catalogs, file-transfer-protocol (FTP) for getting files or documentation over the Internet, etc. □

IAMSLIC BULLETIN BOARD ON INTERNET/BITNET

IAMSLIC's Ad Hoc Internetworking Committee (AHIC) has established an Internet- or Bitnet-accessible computer conference or bulletin board for discussion of information-related topics in freshwater, brackishwater, and marine sciences. Called the "IAMSLIC Conference", membership is free and open to all interested parties with the intention being to broaden computer conferencing beyond the range and limitations of Omnet ScienceNet. The IAMSLIC Conference runs parallel to IAMSLIC's Omnet bulletin board and is not intended to shift conferencing from one media to another. Messages from IAMSLIC's Omnet bulletin board are being cross-posted on IAMSLIC's Internet Conference; AHIC is working on the issues and mechanics of cross-posting the Internet Conference messages onto the Omnet bulletin board. An advantage of Internet conferencing for some participants is that costs may be less than Omnet ScienceNet or that Internet-related costs may be covered under institutional overhead. IAMSLIC's Omnet bulletin board and the Internet Conference present good models for broadening access to computer conferencing by running parallel conferences on separate electronic communication systems.

TO SUBSCRIBE to the IAMSLIC CONFERENCE, send the following electronic mail message to the computer addressed at listserv@ucsd.edu or listserv@ucsd.bitnet :

subscribe your Internet or Bitnet email address iamslic

TO SEND A MESSAGE to the IAMSLIC CONFERENCE, send an email message to the computer addressed at iamslic@ucsd.edu or iamslic@ucsd.bitnet. Note that this is different address than the subscription address. Anyone can send a message to the Conference; you do not have to be a subscriber.

TO SIGNOFF the IAMSLIC CONFERENCE, send the following electronic mail message to listserv@ucsd.edu or listserv@ucsd.bitnet :

delete your Internet or Bitnet email address iamslic

For further information on the IAMSLIC CONFERENCE, contact Peter Brueggeman at pbrueggeman@ucsd.edu or pbrueggeman@ucsd.bitnet or at address at front of IAMSLIC Newsletter. □

LIBRARY-ORIENTED COMPUTER CONFERENCES AND ELECTRONIC SERIALS

By Charles W. Bailey, Jr.

Assistant Director For Systems, University of Houston Libraries, Texas

1.0 COMPUTER CONFERENCES

Computer conferences are becoming an increasingly important form of communication for librarians. There are a growing number of computer conferences of interest to librarians on BITNET and Internet.

Most BITNET conferences utilize the Revised LISTSERV software, which was written by ERIC Thomas. This software is referred to as the "list server." You can obtain a directory of LISTSERV documentation by sending the following e-mail message to any list server:

INFO ?

Once you know the name of the desired documentation file, send another INFO command to the list server to obtain the file. For example, to get a file that describes searching the message database of a list, send the following command:

INFO DATABASE

Internet computer conferences use diverse software. Contact the person who sponsors the list you are interested in to get further information about how the conference software works.

Computer conferences on both BITNET and Internet are commonly called "lists."

1.1 BITNET Lists

| | |
|-------------------|---|
| ACRLNY-L@NYUACF | Listings of Library Jobs and Events |
| ADVANC-L@IDBSU | Geac Advance Library System |
| ALF-L@YORKVM1 | Academic Librarian's Forum |
| ARCHIVES@INDYCMS | Archives and Archivists List |
| ARLIS-L@UKCC | Art Libraries Association of North America |
| ATLAS-L@TCUBVM | Data Research ATLAS Users |
| AUTOCAT@UVMVM | Library Cataloging and Authorities Discussion Group |
| BI-L@BINGVMB | Bibliographic Instruction |
| BRS-L@USCVM | BRS/Search Users |
| BUSLIB-L@IDBSU | Business Librarians |
| CARL-L@UHCCVM | CARL Users |
| CDPLUS-L@UTORONTO | CDPLUS Software User Group |
| CDROMLAN@IDBSU | CD-ROM LAN's |
| CHMINF-L@IUBVM | Chemical Information Sources |
| CIRCPLUS@IDBSU | Circulation and Access Services |
| CNI-ARCH@UCCVMA | Coalition for Networked Information / Architecture and Standards Work Group |
| CNIDIR-L@UNMVM | Coalition for Networked Information / Working Group on Directories |
| CWIS-L@WUVM | Campus-Wide Information Systems |
| ELLASBIB@GREARN | Library Automation in Greece |
| EXLIBRIS@RUTVM1 | Rare Books and Special Collections Forum |
| FISC-L@NDSUVM1 | Fee-Based Information Service Centers in Academic Libraries |
| GOVDOC-L@PSUVM | Government Documents |
| ILL-L@UVMVM | Interlibrary Loan |
| INFO+REF@INDYCMS | Information + Referral List |
| INNOPAC@MAINE | Innovative Interfaces Users |
| INT-LAW@UMINN1 | Foreign and International Law Librarians |
| LIBADMIN@UMAB | Library Administration and Management |

| | |
|-------------------|--|
| LIBMASTR@UOTTAWA | Library Master Bibliographic Database |
| LIBPLN-L@QUCDN | Library Planning |
| LIBRARY@INDYCMS | Libraries and Librarians |
| LIBREF-L@KENTVM | Discussion of Library Reference Issues |
| LIBRES@KENTVM | Library and Information Science Research |
| MAPS-L@UGA | Maps and Air Photo Forum |
| MEDLIB-L@UBVM | Medical and Health Sciences Libraries |
| MLA-L@IUBVM | Music Library Association |
| MULTILIS@ALBNYVM1 | multiLIS Users |
| NOTIS-L@TCSVM | NOTIS Users |
| NOTISACQ@CUVMB | NOTIS Acquisitions Discussion Group |
| NOTMUS-L@UBVM | Notis Music Library List |
| NOTRBCAT@INDYCMS | Rare Book and Special Collections Catalogers |
| OFFCAMP@WAYNEST1 | Off-Campus Library Services List |
| PACS-L@UHUPVM1 | Public-Access Computer Systems Forum |
| PACS-P@UHUPVM1 | PACS-L Publications Only |
| SERIALST@UVMVM | Serials Users Discussion Group |
| SPILIB-L@SUVM | SPIRES Users |
| USMARC-L@MAINE | USMARC Advisory Group Forum |
| VTLSLIST@VTVM1 | VTLS Users Discussion Group |
| Z3950IW@NERVM | Z39.50 Implementors Workshop |

To subscribe, send the e-mail message:

SUBSCRIBE List First Name Last Name

to LISTSERV@NODE, where node is the part of the address after the "@" character.

(If you are not on BITNET, ask your computer center how to address a message to the desired BITNET node.)

For example, Jane Doe sends the following e-mail message to LISTSERV@UHUPVM1 to subscribe to PACS-L:

SUBSCRIBE PACS-L Jane Doe

For a complete list of all conferences on BITNET, send the following command to any LISTSERV address:

LIST GLOBAL

A useful directory of BITNET and Internet conferences, which is classified by subject and includes descriptions, is also available. Send the following commands to LISTSERV@KENTVM:

GET ACADLIST FILE1

GET ACADLIST FILE2

GET ACADLIST FILE3

GET ACADLIST FILE4

GET ACADLIST FILE5

GET ACADLIST FILE6

For further information, contact Diane Kovacs: DKOVACS@KENTVM.

1.2 INTERNET LISTS

Conservation DistList (Conservation of Archive, Library, and Museum Materials)

Send a subscription request to Walter Henry: WHENRY@LINDY.STANFORD.EDU.

DYNIX_L@OYSTER.SMCM.EDU (DYNIX Users)

Send a subscription request to Todd D. Kelley: KELLEY@OYSTER.SMCM.EDU.

IAMSLIC@UCSD.EDU (International Association of Aquatic and Marine Science Libraries and Information Centers)

Send the following command to **LISTSERV@UCSD.EDU**:
SUBSCRIBE Your E-Mail Address IAMSLIC

LAW-LIB@UCDAVIS.EDU (Law Librarians)

Send subscription requests to: **LAW-REQ@UCDAVIS.EDU**
Contact Elizabeth St. Goar for technical questions:
ESTGOAR@UCDAVIS.EDU.

LIB_HYTELNET@SASK.USASK.CA (TELNET Access to Network Resources)

Send subscription request to Peter Scott: **SCOTT@SKLIB.USASK.CA**.

LS2K@CC.UTAH.EDU (LS/2000 Users Group)

Send subscription request to: **LS2K-REQUEST@CC.UTAH.EDU**.

2.0 ELECTRONIC SERIALS

There are a growing number of library-related electronic journals and newsletters available on BITNET and Internet.

ACQNET (The Acquisitions Librarian's Electronic Network)

Send a subscription request to Christian
Boissonnas: **CRI@CORNELLC**.

ALCTS NETWORK NEWS (Association for Library Collections and Technical Services)

Send the following message to **LISTSERV@UICVM**:
SUBSCRIBE ALCTS First Name Last Name.
For a list of back issue files, send the message: **INDEX ALCTS**.

Consortium Update (SPIRES)

Send a subscription request to: **HQ.CON@STANFORD**.

Current Cites

TELNET MELVYL.UCOP.EDU; Enter command: **SHOW CURRENT CITES**.
(Also distributed on PACS-L.)
Further information: David F.W. Robison, **DROBISON@UCBLIBRA**

Hot Off the Tree (HOTT) (Excerpts and Abstracts of Articles about Information Technology)

TELNET MELVYL.UCOP.EDU; Enter command: **SHOW HOTT**.
Further information: Susan Jurist, **SJURIST@UCSD.EDU**.

IRLIST Digest (Information Retrieval Research)

Send the following message to **LISTSERV@UCCVMA**:
SUBSCRIBE IR-L First Name Last Name.
For a list of back issue files, send the message: **INDEX IR-L**.

MeckJournal

Send a subscription request to **MECKLER@TIGGER.JVNC.NET**.

Newsletter on Serials Pricing Issues

Send the following message to `LISTSERV@UNCVX1`:
SUBSCRIBE PRICES-L First Name Last Name.

Public-Access Computer Systems News

Sent to PACS-L and PACS-P subscribers. See above.

For a list of back issue files, send the following message to `LISTSERV@UHUPVM1`: INDEX PACS-L.

The Public-Access Computer Systems Review

Sent to PACS-L and PACS-P subscribers. See above.

For a list of article files, send the following message to `LISTSERV@UHUPVM1`: INDEX PACS-L.

To obtain a complete list of electronic serials, send the following commands to `LISTSERV@UOTTAWA`:

GET EJOURNL1 DIRECTORY

GET EJOURNL2 DIRECTORY

For further information, contact Michael Strangelove: `441495@ACADVM1.UOTTAWA.CA`.

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ELECTRONIC MAIL COMPENDIUM

!%@: A DIRECTORY OF ELECTRONIC MAIL ADDRESSING AND NETWORKS [Donnalyne Frey and Rick Adams, O'Reilly & Associates, Sebastopol, California USA, US\$ 28, ISBN 0-937175-15-3] is a must-read for understanding electronic mail and international networks. !%@: is revised annually and provides up-to-date, concise information on the major electronic mail networks around the world. Each network entry has basic information describing its geographic range, capabilities, contact organization, how-to-address to someone on the network from other networks (usually gives how-to from Internet and may list one or two others), and more. □

PUBLICATION AVAILABLE:

MARINE INFORMATION CENTRE DEVELOPMENT: AN INTRODUCTORY MANUAL

An Intergovernmental Oceanographic Commission contribution to the Aquatic Sciences and Fisheries Information System (ASFIS), jointly sponsored by IOC, FAO and UN(OALOS). IOC Manuals and Guides # 23, 1991.

Free copies are available from:

Kristen L. Metzger, Librarian
Harbor Branch Oceanographic Institution, Inc.
5600 Old Dixie Highway
Ft. Pierce FL 34946 USA
☎ (407) 465-2400 Ext. 201
FAX (407) 465-2446
Omnet: HBOI.LIBRARY
Internet: `harbomet@class.org` □



SURVEY OF COSTS TO ACCESS ELECTRONIC MAIL AND NETWORKS

The IAMSLIC Internetworking Committee seeks information about the costs members pay to use Internet/JANET/BITNET/USENET/OMNET and related systems. There is no single node available to all our members to reach these systems and costs vary from country to country (and even within a country). Some pay "nothing" while others pay for each character read or sent and each second of computer time. We are especially interested in hearing from members located in remote settings and developing countries.

Please respond to the following questions via email, fax, or letter. Any and all comments will be greatly appreciated. Thanks to those of you who have already given us this information!

We will report our findings to IAMSLIC's Executive Board and to membership. Please provide as much detailed information as you can about which charges are paid directly from your library budget and which are paid by your institution. Please answer separately for each system you use.

(1) Is there a fee for your computer usercode/ID? If yes, how much?

(2) Is there a fee for your password? If yes, how much?

3) Is there a fee to read messages? If yes, how much?
Is the fee per message? Or per character?

(4) Is there a fee to send messages? If yes, how much?
Is the fee per message? Or per character?

(5) Are long distance phone calls involved? If yes, how much does it cost per month?

(6) How do you actually access your electronic mail system?

linked to on-site computer/network?

modem to a local computer/network?

modem long distance to link into a computer/network?

leased phone lines to your institution? If yes, what type?

modem to another organization that grants you free or for-fee access to their network link? (ex, CLASS access to Internet)

Is it a local or distant organization?

There are endless possibilities--we want to hear them all!

(7) How frequently do you check your email?

(8) Please list which electronic bulletin boards or discussion groups you subscribe to and read regularly (ex: IAMSLIC or EURASLIC on Omnet; IAMSLIC, Brine-L, Aqua-L, PACS-L, etc. on Internet):

(9) Which system do the above answers pertain to?

10) Which country do you work in?

11) Any other comments?

12) Please include your name and email address with your response so we have an idea who we're hearing from.

Please reply to:

ELEANOR UHLINGER, AHIC CHAIR

Bodega Marine Laboratory Library

PO Box 247 // Westside Road

Bodega Bay, California 94923-0247 USA

FAX: 707-875-2089

Internet: esuhlinger@ucdavis.edu OR ucdbml@ucdavis.edu

BITNET: esuhlinger@ucdavis OR ucdbml@ucdavis

UUCP: uunet!ucdavis!esuhlinger OR uunet!ucdavis!ucdbml

IAMSLIC

c/o Kristen L. Metzger, Librarian
Harbor Branch Oceanographic Institution, Inc.
5600 Old Dixie Highway
Fort Pierce, Florida 34946 U.S.A.



FIRST CLASS MAIL

William Dunkle
Woods Hole Oceanographic Institution
Quissett Campus, McLean Building
Woods Hole, MA
U.S.A. 02543

International Association of Aquatic and Marine Science Libraries And Information Centers