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#### SOUTH PACIFIC COMMISSION

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# PACIFIC ISLANDS MARINE RESOURCE INFORMATION SYSTEM (PIMRIS) COORDINATOR'S REPORT, AUGUST 1989 - AUGUST 1990

by

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# **Summary**

1. This report is for the period August 1989 to August 1990. During this time, and after a slow beginning, much progress has been made within the PIMRIS Coordination unit based at the University of the South Pacific, as well as in the other three participating and executing international organizations, the Forum Fisheries Agency(FFA), the South Pacific Applied Geosciences Commission (SOPAC), and the South Pacific Commission(SPC). The four organizations that make up the system have successfully recruited staff, embarked on the training of regional information officers (SOPAC and USP), proceeded on the installation of the computer system CDS-ISIS version 2.3 for the construction of the PIMRIS Bibliographical Information System, continued with the respective newsletter and other publications, introduced new information services, and established links with other marine institutions outside and within the region. Response from users and the requests received for PIMRIS services are encouraging however, still much promotion work to do to ensure that PIMRIS is fulfilling its main objectives of improving the availability of marine information to users in the region, thus developing national capacity and manpower resources to better manage their living and non-living marine resources.

#### Activities and services

PIMRIS activities include: the active collection, processing of technical documents, especially ephemera material and unpublished works including research results, maps, statistical reports; evaluation, repackaging and dissemination of information; provision of literature searches, question-and-answer services, bibliographical support, current awareness service, contents pages awareness service for selected periodical titles, copying services; and assistance with the development of national departmental reference collections on marine resources. All the participating agencies have introduced various services to meet the objectives of PIMRIS. The coordination unit has commenced a current awareness services contents pages awareness service, copying services, information services, subject packages services and training in information handling. SPC has established a number of Special Interest Groups which are starting to function as channels of communication among technical workers in the region. Information bulletins on Beche-de-mer and on Pearl Oysters have been published in connection with this activity. Second issues of Bulletins on these two topics are in preparation, as is the first issue of a Bulletin on Ciguatera. The backlog of SPC Fisheries Newsletters that has built up in recent years is close to being cleared at which time the Newsletter will resume publication on a quarterly basis. A new, occasional publication consisting of collected Technical Papers on Fisheries by regional authors is also close to finalisation and will be published this year. The SPC continues to offer information and copying services, and has produced a listing of all its journal titles. FFA continues with the publication of its FFA news digest. FFA also offers information services and copying services. SOPAC has been working on managing its information resources and is developing its database for use by interested clients. It now has a list of all its journal titles and is able to produce lists on topics of current interest.

#### **Products:**

# 3. PIMRIS Coordination unit

PIMRIS newsletter (quarterly)
Contents pages awareness service (regular)
Recent publications list (monthly)
Information packages. no.1 (quarterly)
Driftnet fishing (quarterly)
IMR database on hardcopy.
Information packages no.2 (quarterly)
Sea level rise and greenhouse effect

These products are sent to 276 users on the mailing list. 92 regional users are on the list to receive everything that the coordinating unit publishers or produces.

# 4. <u>SPC</u>

Fisheries Newsletter numbers 41-46
List of journal titles on marine resources held by SPC
Beche-de-mer Information Bulletin number 1 (number 2 in prep)
Pearl Oyster Information Bulletin number 1 (number 2 in prep)
(Ciguatera Information Bulletin number 1 in prep)
(Technical Papers on Fisheries, volume 1 in prep)

(Draft copies of all items in preparation are available from the SPC Secretariat).

# 5. SOPAC

List of journal titles on marine resources held by SOPAC Bibliography of selected works on sea level rise

#### 6. **FFA**

FFA news digest Serials list

# Requests received

7. Some of the requests received include: trochus in the South Pacific; tuna - general and in the South Pacific; transportation of trochus shell in Vanuatu; interactions between tuna fisheries; crown of thorns; turtle fishing; coastal resource management; coral reefs in the South Pacific; beche-de-mer, climatic changes in the South Pacific and the Marshall Islands; fishing activities in Fiji and the South Pacific; lagoon dredging in Funafuti Island, Hawaii and the South Pacific. Many of these requests were for literature searches which PIMRIS provided using ASFA on CD-ROM and a search of the library collection. Databases abroad are also searched. Resulting documents are copied and sent by fax if urgent or by airmail. We have found that the mail service from PIMRIS coordinating unit to anywhere in the Pacific is excellent. For instance, turn around time from receipt of request to despatch from PIMRIS for requests from the Northern Pacific - Marshall Islands, FSM and Guam is about 8 (sometimes less) days.

# Feedback from users

8. PIMRIS values the advice and interest given by Fisheries Officers and personnel on PIMRIS services. Through the suggestions from Fiji and the Federated States of Micronesia PIMRIS has commenced an evaluation, on a regular basis, of its products and services. Input of this kind is welcomed.

### **Steering Committee**

9. The Steering Committee met in Suva 14-15 November, 1989. All participating units of PIMRIS attended as well as a number of observers - ICOD, FAO/UNDP Regional Fishery Support Program,IMR. The Committee made a number of recommendations: seek support for a PIMRIS outreach information person; confirm the need for programming support particularly for CDS-ISIS; maintain services that is very much user oriented and to monitor user needs; program regional staff training; seek ICOD funding for the SPC component at SPC; and assist the development of national collections and build upon the regional one with some urgency. The need to locate, identify, process and disseminate information on marine resources collected was seen as important and a task that will have to continue for sometime. It was recognised that if this work was not done much of the material that existed in various places would be lost very quickly.

# Staffing

- 10. The PIMRIS Coordination unit lost Ross Thrasher in January 1990. His replacement is being sought. In the meantime Esther Williams has assumed the responsibilities of Coordinator. Louisa Finiasi was recruited as an assistant in the unit. Ganeshan Rao, Graduate Trainee is currently on training leave at the University of British Columbia enrolled in a Master in Information Science degree.
- 11. In the Forum Fisheries Agency, Bette Kirchner was appointed in September 1, 1989 as Information Officer. Her assistant is Samao Nalei Kuang. SOPAC's Librarian is Heather Creech. Her assistant is currently on post graduate training in Canada (MLS).
- 12. SPC's PIMRIS-related activities are primarily carried out by Fisheries Information Officer Jean-Paul Gaudechoux and Librarian Rosemary Cassidy, with extensive support from other Fisheries Programme and Library staff.

# PIMRIS bibliographical information system

- 13. Version 2.3 of CDS-ISIS was received and installed at the PIMRIS Coordination unit in September. In December all IMR records were loaded onto the PIMRIS database. Other records in the USP Library on marine resources are being added to the database also. It is hoped that the SPC and SOPAC records will be added once we have mastered the program that can merge the records. PIMRIS is currently working on the possibilities of downloading PIMRIS database using CDS-ISIS any record from other databases but based on ISO-2709. It is possible to exploit and download records off the Aquatic Sciences Fisheries Abstracts.
- 14. In addition PIMRIS recognises the need to simplify the system and get the records out to the users. We hope that by later in the year we may be in a position to offer some positive developments. Unesco will be assisting PIMRIS by supporting a workshop on CDS-ISIS to run from 17-26, September, 1990. It is hoped that the consultations we will have will assist us in developing PBIS and the distribution of the database developed. Mr Del Bigio a trainer/consultant from UNESCO will be running the workshop.

# PIMRIS Outreach Information Officer based at PIMRIS

15. ICOD has approved the appointment of a PIMRIS Outreach Information Officer. A CUSO volunteer has been selected and will commence work in August or early September. The objective of this project is to develop the capacity of five countries of the South Pacific to better manage their living and non-living marine resources. This Officer will provide the following services: on-site consultation and training on the techniques of handling marine information; assistance to fisheries departments in the organization of their document collections; identification and recording of primary documents for inclusion in the PIMRIS database; provision of information services to fisheries officers.

# Consultancy services

16. PIMRIS during the year received a number of requests for advisory services on the management of national collections. While we were able to service the request from Tonga the request from Vanuatu is on hold pending the completion of the new building. Kiribati and Guam also made requests but because we do not have a full time coordinator this work had to be deferred. It is hoped once that we get a Coordinator and the new Outreach person PIMRIS will be able to respond to requests promptly.

# **Funding**

17. PIMRIS is funded by ICOD. The SPC component is funded by the French government. The University of the South Pacific inputs a considerable amount to the system by way of collection building, staffing, communication costs and advisory and computer services.

#### Conclusion

18. PIMRIS has been in operation for about eighteen months and the level of service and work that have been accomplished in this time is pleasing particularly when one considers the initial difficulties the system faced with staff recruitment and lack of computer expertise. Now with some of the products in place and participants' acquired confidence in the services that they can provide, PIMRIS is on its way to achieving its objectives. There is no doubt that the monitoring of services and users needs are paramount and PIMRIS will endeavour to meet regularly with PIMRIS users so as to ensure that its work and emphasis in the future are on the right track. It is planned to develop PIMRIS objectives and aims with the continuing input from users.

#### Acknowledgement

- 19. I thank the International Centre for Ocean Development for all their assistance and time given to this project. In the past twelve months we have enjoyed the help and advice of both Ronald Archer and Carol Stanish. Philip Saunders has been helpful on the spot and we appreciate this close to base service. Without this combined assistance and the funding available, PIMRIS would not be able to operate and the region would not be able to begin developing its capability in handling its own information resources in marine.
- 20. The FAO/UNDP Regional Fishery Support Programme and in particular Robert Gillett have provided support in many ways.

PIMRIS Coordination Unit The University of the South Pacific Suva FIJI

August, 1990

#### PIMRIS STEERING COMMITTEE

MINUTES OF THE SECOND MEETING OF THE PIMRIS STEERING COMMITTEE, UNIVERSITY OF THE SOUTH PACIFIC LIBRARY, 14-15 NOVEMBER 1989.

#### <u>Participants</u>

Librarian, SPC, Noumea Rosemary Cassidy

Librarian, SOPAC, Suva (Chair) Heather Creech

Fisheries Info Officer, SPC, Jean-Paul Gaudechoux

Noumea

Bette Kirchner Information Officer, FFA, Honiara

PIMRIS Coordinator, USP, Suva (Secretary) Ross Thrasher Esther Williams University Librarian & Pro Vice-Chancellor,

USP, Suva

### <u>Invited Observers</u>

Program Officer, ICOD, Halifax Librarian, Fiji Fisheries, Lami Ronald Archer Anita Deo

PIMRIS Assistant, USP, Suva Louisa Finiasi

Bob Gillett Fisheries Development Advisor, FAO/UNDP Regional Fishery Support Programme, Suva

David Russell Information Officer, IMR, USP, Suva

#### INTRODUCTIONS AND ADMINISTRATIVE ARRANGEMENTS 1

Meeting was called to order at 9:15 am on 14 November. Members introduced themselves, and arrangements for coffee and lunch were announced.

#### APPROVAL OF AGENDA

Several items were added to the agenda. For approved agenda see Appendix 1.

#### APPROVAL OF MINUTES OF FIRST PIMRIS STEERING COMMITTEE MEETING 3 (6-8 MARCH 1989)

These minutes were approved without amendment.

### BUSINESS ARISING FROM THE MINUTES

Regarding Item 5.1, SPC is revising a proposal for submission to ICOD regarding support to the SPC component of PIMRIS, which will include a provision for translation services.

Regarding Item 4.3, FFA is considering the ASFIS format for its ISIS database. To be discussed later in the meeting under CDS/ISIS (Agenda Item 11).

Regarding Item 6.1, public awareness activities are under way through FFA and FAO/UNDP (posters and displays). High school curriculum development in Earth Sciences was discussed at SOPAC's annual session. A proposal from SPC for training in report writing/editing is now with ICOD. This topic to be discussed further under Other Business.

#### 5 REPORTS FROM REGIONAL ORGANISATIONS

- 5.1 FFA Report attached, PIMRIS 89/6. Highlights: Bette Kirchner appointed Information Officer, Laura Gilakisa as Assistant Librarian, Samao Nalei Kuang as Assistant Information Officer; FFA Library periodicals organised, and reference and request materials ordered; FFA news digest is now being issued monthly.
- 5.2 SOPAC Verbal report presented. Note name change in organisation from CCOP/SOPAC to SOPAC -- South Pacific Applied Geoscience Commission.

Databases for monographs and serials have been developed on ISIS Version 1 using a simplified AUSMARC format and ASFIS descriptors and classification. About 1000 records have been catalogued to date. ISIS 2.3 has now been installed. The nearshore minerals bibliography that was previously input on InMagic software may be transferred to ISIS 2.3.

Dillie George was appointed as Trainee Librarian in June. She is Papua New Guinean, with a Library Diploma from Adcol and a BA in Geography from UPNG. Dillie began the MLS programme at Dalhousie University in Halifax, Canada in September.

SOPAC Librarian assisted IMR Information Officer in the implementation of his ISIS database.

SOPAC library has instituted a current awareness service, interlibrary loan service, and has conducted ASFA searches at USP Library. Access to the GeoRef database is being sought.

SOPAC librarian attended Asia/Pacific Special & Law Librarians' Conference in Adelaide, and met with colleagues from Australian geoscience libraries and FISHNET. She also attended the SOPAC annual session in Canberra, and visited several map libraries in Australia and New Zealand. She noted that there will be an exhibition of Pacific region maps at next year's PACRIM Conference.

Several member countries have formally requested assistance with their libraries as part of the official SOPAC work programme.

5.3 SPC - Report attached, PIMRIS 89/11. Highlights: SPC Library database now contains 3000 entries on fisheries and marine environment; urgent need for staff training on CDS/ISIS software; request pending to FAO for ASFA on CD-ROM; Fisheries Information Officer began work in May 1989; backlog of SPC fisheries newsletter is being cleared; Special Interest Groups on beche-de-mer and pearl culture are running, and ciguatera SIG will start soon.

Backlog of <u>SPC fisheries newsletters</u> is now mainly due to workload at SPC printery and typing problems. Steering Committee recommended that a letter be written to SPC management indicating that the Committee recognised the importance of the <u>SPC fisheries newsletter</u>, but expressing the view that its effectiveness would be enhanced by improving its timeliness. The Committee encouraged SPC to explore improvement in this area of timely publication, including the use of commercial printers.

5.4 USP - Report attached, PIMRIS 89/7. Highlights: Ganeshan Rao appointed PIMRIS Graduate Trainee in April, began MLS program in Canada in September; Louisa Finiasi appointed PIMRIS Assistant; bibliographic database system developed using CDS/ISIS software; two issues of quarterly PIMRIS newsletter have been produced and distributed; ASFA on CD-ROM installed; information and consultancy services begun; PIMRIS Coordinator attends regional meetings in Tonga and New Caledonia, and presents paper at international conference in Bermuda.

IMR Information Officer added a verbal report on his activities during his six-month secondment. He has organised the collection by subjects, and set up ISIS databases for print materials and videos. IMR students and staff, and other USP students, have found the new system useful. IMR library has also participated in PIMRIS referrals.

#### 6 IAMSLIC CONFERENCE REPORT

Report attached, PIMRIS 89/8, including conference agenda, abstracts of papers, and text of paper presented by PIMRIS Coordinator. The Steering Committee accepted this report.

### 7 MATTERS ARISING FROM REPORTS

Newsletters - Concern was expressed about the possible overlap in coverage of <u>SPC fisheries newsletter</u>, <u>FFA news digest</u>, <u>SOPAC newsletter</u>, and <u>PIMRIS newsletter</u>. It was agreed after discussion that they appeared to cover different areas, and should continue along the lines established. SPC Fisheries Information Officer and FFA Information Officer agreed to meet to discuss focus and coverage of their newsletters to avoid duplication of information.

The <u>PIMRIS</u> <u>newsletter</u> might focus on current awareness items by extracting journal articles, referencing new documents, listing results of literature searches, and highlighting items from other newsletters. Circulation might be increased by sending <u>PIMRIS</u> <u>newsletter</u> to all fisheries officers in the region.

Periodical holdings - Regional organisations are developing holdings lists. Copies of these should be distributed to other PIMRIS members; Coordination Unit to combine holdings lists and send to IAMSLIC for inclusion in their union list of serials.

Maps - There does not appear to be any systematic programme anywhere to collect and catalogue Pacific maps. A simple listing may be possible as a first step. SOPAC library is developing a map database for its own collection. SOPAC librarian agreed to make preliminary inquiries with other map collections about compiling an initial list of current Pacific island maps.

Collection of material - The Committee agreed that members visiting the fisheries units and other national departments should give priority to the collection of documents or photocopies to be lodged in the USP Library's Pacific Collection.

CDS-ISIS training - to be discussed as a separate item (see Agenda Item 11).

Funding for SPC component of PIMRIS - to be discussed as a separate item (see Agenda Item 10).

### 8 PROGRESS ON 1989 WORKPLAN

Report attached, PIMRIS 89/9. Steering Committee members commented on the following points:

- 1. Regional bibliographic database (PBIS)
- a) Concern was expressed about the complexity of a system based upon the MARC format. While "friendlier" alternatives may be available, the Committee had agreed in its first meeting that AUSMARC would be the regional standard. Further work is needed on the data entry worksheets for PBIS, and this, together with adequate training and documentation, should minimise problems.

Members were advised that by adopting other systems, they would be making more work for the Coordination Unit in converting records for the regional database. Steering Committee advised that PIMRIS may be directed to handle records entered in other systems should the needs of the regional member require the design of a different system adequate to their immediate needs.

FFA Information Officer noted that ICLARM has developed a program to convert records from Paperbase, a menu-driven, user-friendly database, to CDS-ISIS. Solomon Islands fisheries division is currently using Paperbase for its bibliographic records. FFA Information Officer suggested that member countries' fisheries divisions use Paperbase for their documentation centres, and agreed to contact ICLARM to obtain more information about the conversion software.

- b) USP Library's marine holdings now on the URICA system should also be available on PBIS for distribution around the region. PIMRIS Coordinator will investigate how to download URICA records into CDS/ISIS. It was noted that USP Library plans to load PBIS into URICA at some future date in order to provide online access to remote (i.e. off-campus) users through the campus data network. The PIMRIS Coordinator was directed to prepare an information document outlining how the regional centres' databases will be linked with the USP Library records.
- c) Regarding national contact points, Committee recommended an active role for PIMRIS in collecting (or photocopying) documents around the region in order to house them in the USP Library Pacific Collection.

# 2. Information services

Members suggested additional activities for the PIMRIS Coordination Unit, such as the production of a brochure, posters and other promotional material; follow-up searches on topics requested by clients; compilation of reference statistics, success rates, etc.

#### 7. Technical assistance

It was noted that FFA has a mandate to provide direct assistance to its member countries in the fisheries area, and likewise SOPAC for nonliving marine resources. Cooperation will be necessary between the PIMRIS Coordination Unit and the regional agencies to avoid duplication of effort in the provision of consulting services.

FAO/UNDP Fishery Support Programme has funds available for country visits if PIMRIS resources are insufficient. Procedures will be necessary for PIMRIS Coordination Unit to verify that an official requesting assistance on behalf of a member country has the authority to do so.

#### 8. Input to ASFIS

Committee members agreed with the idea of facilitating worldwide access to Pacific materials by having PIMRIS contribute to ASFA. However, our first commitment is to the Pacific region, and the requirements of the ASFIS format and the writing of abstracts may make this a very labour-intensive activity. PIMRIS Coordination Unit was requested to seek full information from FAO regarding its minimum requirements for contributing to ASFA. PIMRIS was encouraged to seek a "quid pro quo" from FAO in return for providing input to ASFA.

#### 9 DEVELOPMENT OF NATIONAL CENTRES

As noted in PIMRIS Progress Report (Item 5), a funding proposal was submitted to ICOD in March and a Project Identification Paper (PIP) was drafted in August. In subsequent discussions between USP and ICOD, and taking into account suggestions from the Steering Committee, the proposal has shifted from its original emphasis on cataloguing and training at five national focal points to a project with a stronger emphasis on direct service to the fisheries officers and marine-related departments in the regional countries. Rather than Phase 2 of the original PIMRIS database development project, this one should be structured as an "outreach" activity parallel to and complementing the work of the Coordination Unit.

It was noted that FFA and SOPAC librarians have mandates to assist member countries.

USP Librarian noted that the 1987 needs assessment had identified a need for collections to be organised at the national centres. She recalled that the countries tentatively targeted for this activity were Western Samoa, Tonga, Vanuatu, Solomon Islands, and Kiribati. The meeting did not resolve to limit the work of the roving librarian to these five countries.

FAO/UNDP observer offered three useful activities for PIMRIS at this stage: collection development, at both the national and regional levels; repackaging of information for field officers; and direct hands-on information services within the regional countries. These would give tangible evidence of the usefulness of PIMRIS to the grassroots.

PIMRIS SC2 Minutes

Fiji Fisheries Librarian endorsed the idea of providing funds for part-time staff to the national centres. Much of the useful material is now kept in offices, but the presence of library staff may encourage its placement in the library. The Committee agreed that the primary contact in any case should be the officer responsible for information.

A revised proposal will be prepared within the next few days and copies circulated to Steering Committee members for information.

### 10 FUNDING FOR SPC COMPONENT OF PIMRIS

SPC Librarian identified three PIMRIS-related cost areas where assistance is badly needed: software development, staff for cataloguing, and equipment. The French government has funded the Fisheries Information Officer position for two more years.

The Steering Committee encouraged ICOD and other donor agencies to support those SPC activities related to PIMRIS. The SPC Librarian will make specific recommendations to the PIMRIS Coordination Unit.

# 11 CDS/ISIS VERSION 2.3

Members agreed on the urgent need for a consultancy on CDS/ISIS programming and user training. Names and addresses of possible consultants should be forwarded to PIMRIS Coordinator for further inquiries regarding fees and availability. ICOD may be able to support this, but may insist on a Canadian consultant. PIMRIS Coordinator to develop a proposal, including one week's consultancy at each of FFA and SPC, two weeks at USP, and two days at SOPAC to assist in CDS/ISIS programming.

ICOD observer suggested that contingency funds from FFA, SOPAC and USP projects be requested for release in order to cover the cost of this consultancy. SPC could be included.

The Committee also agreed on the need for CDS/ISIS training in a regional workshop format. USP Library has already requested UNESCO to supply a trainer.

### 12 PIMRIS POLICIES AND PROCEDURES

# 12.1 Cooperation on information requests

FAO/UNDP observer volunteered the assistance of his office's collection and expertise to PIMRIS members, and stated his willingness to advise on the identity and location of useful documents around the region.

# 12.2 Geographic descriptors

Document attached, PIMRIS 89/10. This was developed by SOPAC Librarian as an alternative to ASFIS terminology. Committee agreed to accept these descriptors on a trial basis.

#### 12.3 User documentation

Information item: IDRC has developed a manual for the preparation of catalogue records using microcomputers, using CDS/ISIS as the example software. This will be distributed, presumably free of charge, by the end of the year, and may form a useful basis for a manual of operations for the PIMRIS database.

#### 13 MID-PROJECT REVIEW

Memoranda of Agreement for the three PIMRIS-related projects funded by ICOD (at FFA, SOPAC and USP) call for a "mid term evaluation" by a consultant from Canada. ICOD would administer this evaluation: the cost is built into the three project grants. ICOD Program Officer indicated that the process would be advisory rather than judgmental, in keeping with the recommendation in the 1987 needs assessment. SPC Librarian requested that consultant visit SPC during mid term evaluation in order to gain an overall perspective of PIMRIS.

FFA Information Officer, SOPAC Librarian and PIMRIS Coordinator will each prepare suggested dates and terms of reference for this evaluation, and PIMRIS Coordinator will collate them into a collective proposal which will be circulated for comment.

# 14 FUTURE STEERING COMMITTEE MEETINGS

It was noted that these meetings were intended to take place only once per year, but that this second 1989 meeting was deemed necessary during the start-up phase. The next PIMRIS Steering Committee meeting was scheduled for June 1990 (exact dates to be determined later) in Honiara, with the FFA Information Officer in the chair.

However it was agreed that if funding for CDS/ISIS training would only allow for a training workshop rather than a consultancy to each regional library, USP would be a more suitable venue for a combined training workshop/PIMRIS Steering Committee meeting.

#### 15 OTHER BUSINESS

USP Librarian circulated a document entitled <u>Fisheries</u> <u>education and awareness programme</u>, attached as PIMRIS 89/12. This document identifies aspects of the original PIMRIS proposal that were dropped when the USP project was funded. Some of these aspects have been picked up in subsequent projects and proposals as noted above in Business Arising, e.g. posters and displays, training in report writing/editing.

The meeting adjourned at 12:00 noon on 15 November.

#### APPENDIX 1

# PIMRIS STEERING COMMITTEE SECOND MEETING 14-15 NOVEMBER 1989 9:00 am - 5:00 pm USP LIBRARY - CONFERENCE ROOM

# Approved Agenda:

- 1. Introductions and administrative arrangements
- 2. Approval of agenda
- 3. Approval of minutes of first Steering Committee meeting 3/89
- 4. Business arising from the minutes
- 5. Reports from regional organisations
  - 5.1 FFA (PIMRIS 89/6)
  - 5.2 SOPAC
  - 5.3 SPC (PIMRIS 89/11)
  - 5.4 USP (PIMRIS 89/7)
- 6. IAMSLIC Conference report (PIMRIS 89/8)
- 7. Matters arising from reports
- 8. Progress on 1989 workplan (PIMRIS 89/9)
- 9. Development of national centres
- 10. Funding for SPC component of PIMRIS
- 11. CDS/ISIS Version 2.3
- 12. PIMRIS policies and procedures
  - 12.1 Cooperation on information requests
  - 12.2 Geographic descriptors (PIMRIS 89/10)
  - 12.3 User documentation IDRC manual
- 13. Mid-project review
- 14. Future Steering Committee meetings -- dates, venue, chair
- 15. Other business