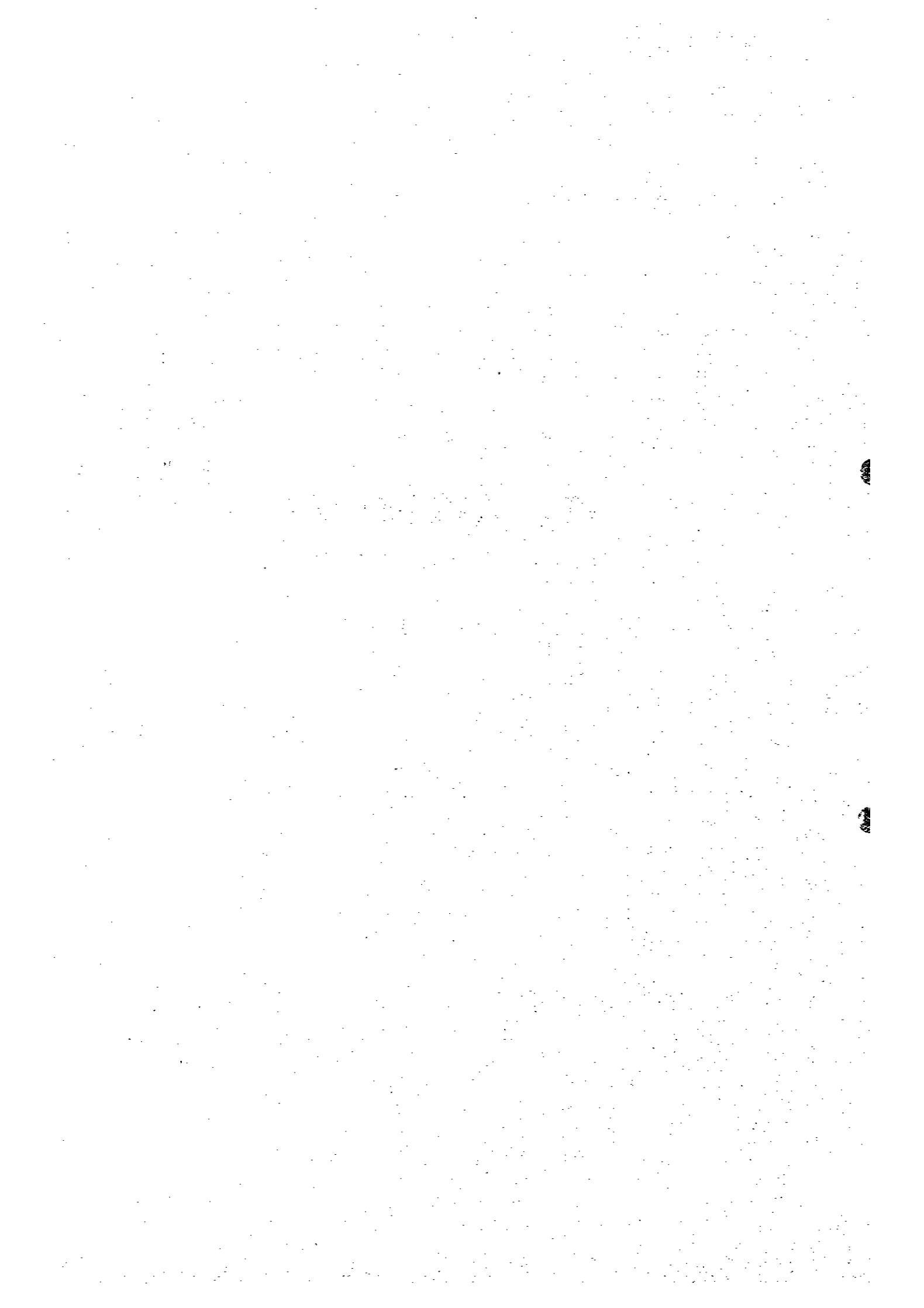


## **IV. APPENDIX**



## 1. Personnel

### LIST OF PERSONS CONCERNED

#### (1) Advisory Committee

Name	Position	Institution
1. Yukio Tasaka	President	National Research Institute of Fisheries Science
2. Yukihiko Sakamoto	Member (Phase I)	Office of the Overseas Fisheries Cooperation Fisheries Agency
3. Tomomi Hirano	Member (Phase II and III)	Office of the Overseas Fisheries Cooperation Fisheries Agency

#### (2) Study Team

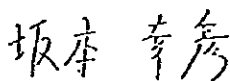
Name	Position	Institution
1. Tamotsu Tomiyama	General Affairs / Fishing Communities Development	System Science Consultants, Inc.
2. Takashi Morimoto	Fishing Societies / Fishing Organization	System Science Consultants, Inc.
3. Shigeru Iwasaki	Fisheries Product Marketing / Fishing Economy	System Science Consultants, Inc.
4. Eiichi Haruta	Fisheries Production / Gears and Fishing Methods	System Science Consultants, Inc.
5. Sachio Yamamoto	Natural Conditions Study / Control	System Science Consultants, Inc.
6. Yasuhiko Taki	Plan of Fishing Communities Modernization	System Science Consultants, Inc.
7. Hiroshi Abo	Equipment Plan	System Science Consultants, Inc.
8. Masahiko Watanabe	Plan of Facilities / Cost Estimation	System Science Consultants, Inc.
9. Tetsuo Mizobe	Social Participation / Women Participation Analysis	System Science Consultants, Inc.
10. Hiromi Sato	Coordinator	System Science Consultants, Inc.

2. Scope of Work

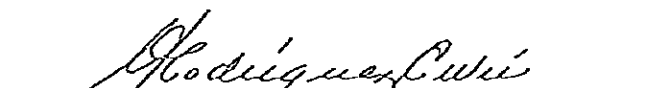
SCOPE OF WORK  
FOR  
THE MASTER PLAN STUDY  
ON  
THE SMALL SCALE FISHERIES DEVELOPMENT PROJECT  
ON THE NORTH COAST  
OF  
THE REPUBLIC OF HONDURAS


AGREED UPON BETWEEN  
DIRECCION GENERAL DE PESCA Y ACUICULTURA,  
SECRETARIA DE RECURSOS NATURALES  
AND  
JAPAN INTERNATIONAL COOPERATION AGENCY

TEGUCIGALPA, M.D.C. 19th JULY 1995



MR. YUKIHIKO SAKAMOTO  
TEAM LEADER  
PREPARATORY STUDY TEAM  
JAPAN INTERNATIONAL  
COOPERATION AGENCY  
JAPAN

  
LIC. YOLANDA RODRIGUEZ DE-CWU  
MINISTRO POR LEY  
SECRETARIA DE RECURSOS  
NATURALES  
REPUBLICA DE HONDURAS

  
LIC. ARIUSO MORALES FUNES  
VICE MINISTRO,  
SECRETARIA DE COORDINACION,  
PLANIFICACION Y PRESUPUESTO

## I. INTRODUCTION

In response to the request of the Government of Honduras, the Government of Japan has decided to conduct the Master Plan Study on the Small Scale Fisheries Development Project on the North Coast of the Republic of Honduras (hereinafter referred to as "the Study") in accordance with the relevant laws and regulations in force in Japan.

Accordingly, the Japan International Cooperation Agency (hereinafter referred to as "JICA"), the official agency responsible for the implementation of the technical cooperation programs of the Government of Japan, will undertake the Study in close cooperation with the authorities concerned of the Government of Honduras.

The present document sets forth the scope of work with regard to the Study.

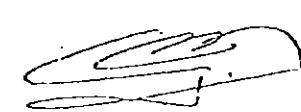
## II. OBJECTIVES OF THE STUDY

The objectives of the Study are:

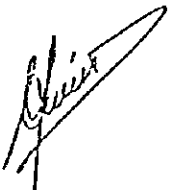
1. To prepare the master plan for the small scale fisheries development project on the north coast of Honduras with social and gender consideration integrated. The intention of the project is to contribute to the development of small scale fisheries and to up-grade the living conditions of the fishermen in the Study area,
2. to conduct the field surveys necessary for the formulation of a small scale fisheries modernization program in the priority areas, and
3. to carry out technology transfer in the course of the Study to the counterpart personnel of the Government of Honduras.

## III. OUTLINE OF THE STUDY

1. The Study Area  
The Study Area shall cover the north coast of Honduras (APPENDIX-I).
2. Scope of the Study  
The Study will cover the following items.
  - (1) Collection of data and field survey
    - a. Natural conditions
    - b. Socio-economic conditions
      - Basic infrastructure
      - Population and households (by sex and



- ethnicity)
- Major sources of income
- c. Social and gender situation
- Presence of social groups
  - General situation of women
  - The degree of women's participation in fishery-relevant activities.
- d. Existing policy and regulations concerned with the study.
- Fisheries Act.
  - Fisheries development plan
  - Credit and taxation
  - Others
- e. Condition of fisheries
- Number of fishermen
  - Size of fish catch
  - Fishing gear and methods
  - Aquaculture
  - Fishermen's organizations/cooperatives
  - Others
- f. Marketing conditions
- Supply and demand
  - Marketing system
  - Transportation system
  - Cost and price
  - Marketing infrastructure
  - Others
- (2) Field survey for the formulation of a small scale fisheries modernization program in priority areas,
- (3) Initial environmental examination (IEE)
- (4) Formulation of a master plan for a small scale fisheries development project including the following components:
- Identification of the direction that socio-economic development should take in the Study Area.
  - Identification of beneficiary groups.
  - Social gender analysis (economic activity profile, access and control, needs analysis and impact analysis).
  - Guideline for fisheries resources management.
  - Fisheries production system.
  - Marketing system.
  - Marketing facilities.
  - Extension and education.
  - Institutional arrangements.
  - Project evaluation.



#### IV. WORK SCHEDULE

The Study shall be carried out in accordance with the attached tentative work schedule. (APPENDIX-II).

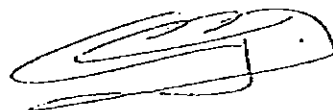
#### V. REPORTS

JICA shall prepare and submit the following reports to the Government of Honduras.

1. Inception Report  
Twenty (20) copies in Spanish at the beginning of the Study.
2. Progress Report  
Twenty (20) copies in Spanish at the end of first field study in Honduras.
3. Interim Report  
Twenty (20) copies in Spanish at the beginning of second field study in Honduras.
4. Draft Final Report  
Twenty (20) copies in English and in Spanish at the end of the Study.  
The Government of Honduras will provide JICA with its comments of the Draft Final Report within one (1) month after receipt of the Draft Final Report.
5. Final Report  
Fifty (50) copies in English and in Spanish within two (2) months after receipt of the comments from Government of Honduras on the Draft Final Report. In any doubt arises in interpretation, English text shall prevail.

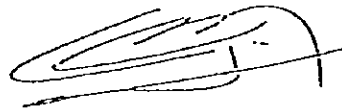
#### VI. UNDERTAKING OF THE GOVERNMENT OF HONDURAS

1. To facilitate smooth conduct of the Study, the Government of Honduras shall take necessary measures:
  - (1) to secure the safety of the Japanese study team,
  - (2) to permit the members of the Japanese study team to enter, leave and sojourn in Honduras for the duration of their assignment therein, and exempt them from foreign registration requirements and consular fees,
  - (3) to exempt the members of the Japanese study team from taxes, duties and other charges on equipment, machinery and other materials brought into Honduras for the conduct of the Study.



- (4) to exempt the members of the Japanese study team from income tax and charges of any kind imposed on or in connection with an emoluments or allowances paid to the members of the Japanese study team for their services in connection with the implementation of the Study,
- (5) to provide necessary facilities to the Japanese study team for the remittance as well as utilization of the funds introduced into Honduras from Japan in connection with the implementation of the Study.
- (6) to secure permission for entry into private properties or restricted areas for the conduct of the Study.
- (7) to secure permission for the Japanese study team to take all data and documents (including maps and photographs) related to the Study out of Honduras to Japan.
- (8) to secure clearance for the use of communication facilities including transceivers,
- (9) to provide medical services as needed. Any medical expenses incurred will be chargeable to members of the Japanese study team.

2. The Government of Honduras shall bear claims, if any arise, against the members of the Japanese study team resulting from, occurring in the course of, or otherwise connected with, the discharge of their duties in the implementation of the Study, except when such claims arise from gross negligence or willful misconduct on the part of the members of the Japanese study team.
3. Direccion General de Pesca y Acuicultura (hereinafter referred to as "DIGEPESCA") shall act as counterpart agency to the Japanese study team and also as coordinating body in relation with other governmental and non-governmental organizations concerned for the smooth implementation of the Study.
4. DIGEPESCA shall at its own expense, provide the Japanese study team with the following, in cooperation with other organizations concerned:
  - a. available data, maps and information related to the Study,
  - b. counterpart personnel,
  - c. suitable office-space with necessary equipment in La Ceiba and Tegucigalpa,





d. credentials or identification cards,

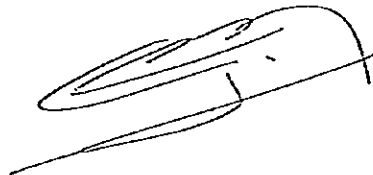
#### VII. UNDERTAKING OF JICA

For the implementation of the Study, JICA shall take the following measures:

1. to dispatch, at its own expense, study teams to Honduras,
2. to pursue technology transfer to the Honduran counterpart personnel in the course of the Study.

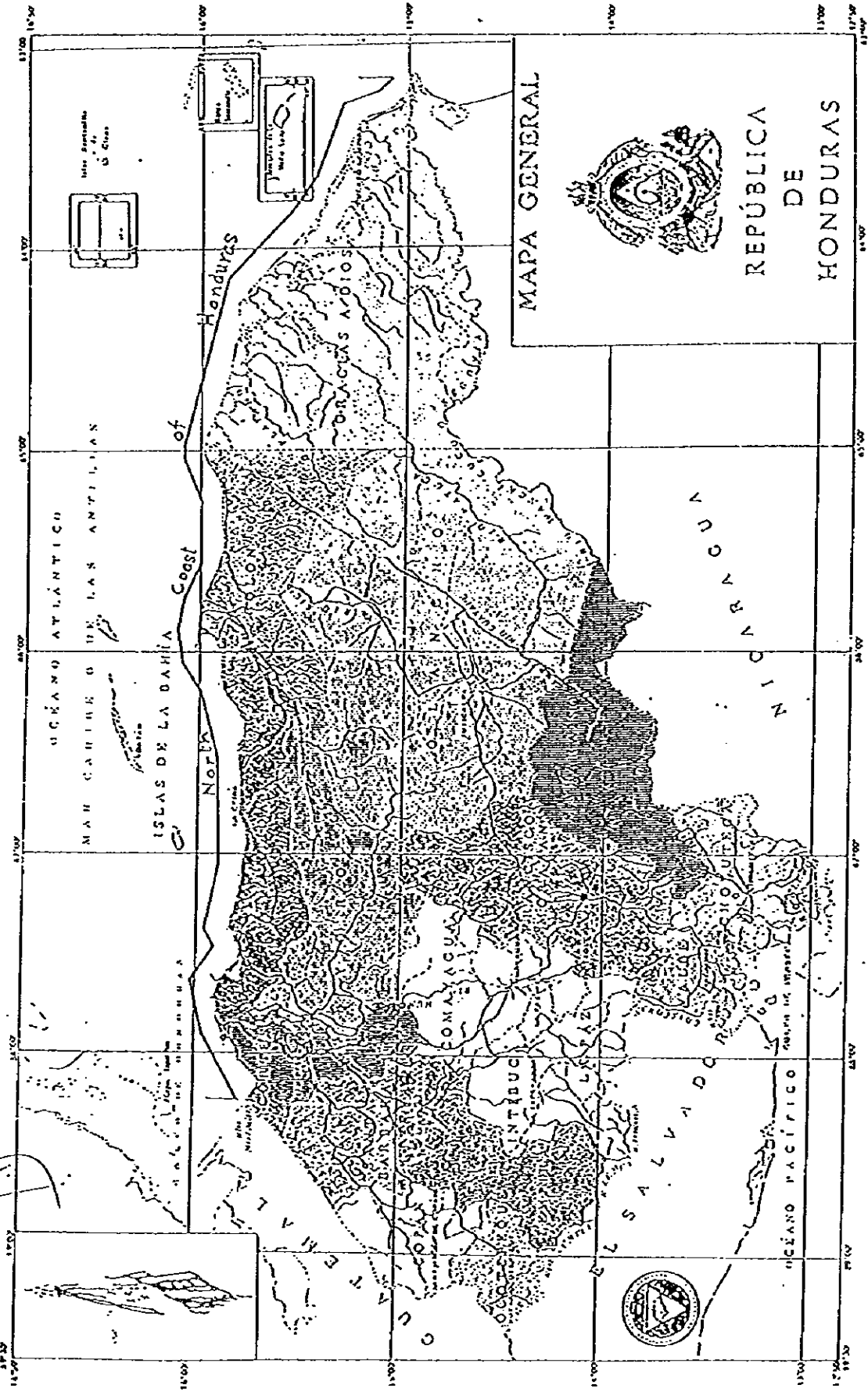
#### VIII. OTHERS

1. JICA and DIGEPESCA shall consult with each other in respect of any matter that may arise from or in connection with the Study.
2. The Scope of work is made both in English and Spanish. In the case of any discrepancies arising in translation, the English version shall prevail.



HONDUR...NO CONOCE TU PATRIA A TRAVÉS DEL INSTITUTO GEOGRÁFICO NACIONAL.

(APPENDIX I)



SECRETARÍA DE ESTADO EN LOS DEPARTAMENTOS DE COMUNICACIONES,  
 OBRAS PÚBLICAS Y TRANSPORTE

Escala 1:17,000,000

1000 Mts.

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MAPA GENERAL  
 REPÚBLICA  
 DE  
 HONDURAS

TENTATIVE WORK SCHEDULE OF THE STUDY

(APPENDIX-II)

CONTENTS	5	10	15	20	24 ( month )
TERMS					
The Study					
Submission of Report	Δ IC/R	Δ PR/R	Δ IT/R	Δ DF/R	Δ F/R

Note: IC/R Inception Report, PR/R:Progress Report, IT/R; Interim Report, DF/R; Draft Final Report, F/R; Final Report,

②

2. M/M

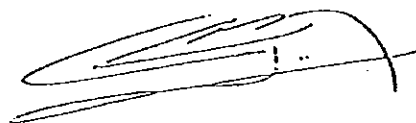
MINUTES OF MEETING  
ON  
SCOPE OF WORK  
FOR  
THE MASTER PLAN STUDY  
ON  
THE SMALL SCALE FISHERIES DEVELOPMENT  
PROJECT ON THE NORTH COAST  
OF  
REPUBLIC OF HONDURAS

The Preparatory Study Team (hereinafter referred to as "the Team") organized by the Japan International Cooperation Agency (hereinafter referred to as "JICA") headed by Mr. YUKIHIKO SAKAMOTO, visited the Republic of Honduras from 9th July to 20th July, 1995 for the purpose of discussing and confirming the Scope of Work for The Master Plan Study on the Small Scale Fisheries Development Project of North Coast of the Republic of Honduras (hereinafter referred to as "the Study").

The team had a series of discussions with the officials concerned of the Direccion General de Pesca y Acuicultura (hereinafter referred to as "the DIGEPESCA") on the Scope of Work for the Study. The list of participants attending the meetings is attached in the Annex.

The following are the main issues discussed and agreed upon by the DIGEPESCA and the Team.

1. The DIGEPESCA requested the following matters to the Team, and the Team promised to convey the requests to the Government of Japan.
  - (1) Training of the Honduras counterpart(s) in Japan
  - (2) To hold seminars for not only DIGEPESCA personnel but also other people concerned, according to its necessities to facilitate the understanding of the Study.

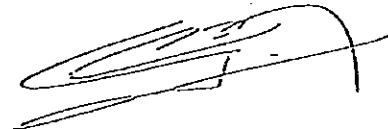


2. The DIGEPESCA expressed that they would make necessary efforts and take necessary actions on the following matters for the smooth implementation of the Study.

- (1) To allocate necessary numbers of counterparts
- (2) To allocate necessary funds in order for the Honduran counterpart personnel to fulfill their duties and responsibilities for the conduct of the Study.
- (3) To prepare motorcycles and boats which will be necessary for the Study Team to conduct field studies in the area of The Mosquitia.

3. The DIGEPESCA referred to the process of master planning for the Small Scale Fisheries Development Project on the North Coast as follows:

- (1) That detailed field studies referred to fisheries census to collect basic data on fisheries in the area of The Mosquitia on the north coast of Honduras will be conducted through the collaboration of both side of Honduras and Japan.
- (2) That field studies and data collection in the area other than The Mosquitia area on the north coast of Honduras will principally be carried out by Honduras side.
- (3) That the formulation of the Master Plan for the Small Scale Fisheries Development Project on the North Coast will be done by the collaboration of both side of Honduras and Japan.
- (4) That it will require approximately 2 years to formulate a master plan, considering a great amount of efforts and time for fisheries census (1).
- (5) That it is preferable that the DIGEPESCA and the Study Team Sent by Japan side direct field studies for fisheries census in the Mosquitia area on the north coast in such a way to promote community participation, i.e. participation of men and women related to the fisheries, school teachers and students, local government officials, and others; that DIGEPESCA will take necessary actions to promote autonomous and active participation of fishermen and other people



(4)

in the Study.

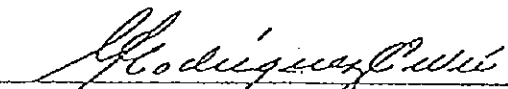
4. The DIGEPESCA made a request to the Team for a prompt formulation of a master planning for the modernization of small scale fisheries, especially in six areas defined as priority areas. The Honduran Government requested to the Government of Japan the grant aid for the following communities: Limon, Santa Rosa de Aguán, Trujillo, La Ceiba, Tela, Omoa and these surrounding areas.

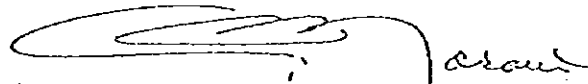
The Team promised to convey this request to the Government of Japan.

Tégucigalpa, M.D.C. 19th JULY 1995

坂本 幸彦

MR. YUKIHIKO SAKAMOTO  
TEAM LEADER  
PREPARATORY STUDY TEAM  
JAPAN INTERNATIONAL  
COOPERATION AGENCY  
JAPAN

  
LIC. YOLANDA RODRIGUEZ DE CWU  
MINISTRO POR LEY  
SECRETARIA DE RECURSOS  
NATURALES  
REPUBLICA DE HONOURAS

  
LIC. ARTURO MORALES FUNES  
VICE MINISTRO,  
SECRETARIA DE COORDINACION,  
PLANIFICACION Y PRESUPUESTO

ANNEX

LISTE OF ATTENDANCES  
( LISTA DE ASISTENTES )

Date: 19 / 07 / 1995  
(Fecha)

NAME (NOMBRE)	POSITION (CARGO)	ORGANIZATION (ORGANIZACION)
岡坂 行男 (YUKIO TASAKA) (Hideaki YOKOGI)	経済政策 流通研究部長	水産庁 中央水産研究所 (National Research Institute of Fisheries Science)
横尾 英明	業務係長	Provincia de Villa Rica 水産庁 海外漁業協力室
畑中 初音 (Hatsune HATANAKA)	Associate Expert.	JICA
Nohemy Dumit	Secretaria Técnica (Experto de JICA)	SECEPLAN
野沢 俊博 (SHUNHISAKI NOZAWA)	JICA 専門家	SECEPLAN
土器屋 哲支 (TEISUO DOKIWA)	JICA 専門家 (Experto de JICA)	UPSA 天然資源省 (RR NN)
TAKASHI MATSUZAKI	Experto de JICA	DIGEPESCA, RR. NN
Marco Polo Micheletti	Director	DIGEPESCA RRNN
TAKESHI NAGASE (Takeshi Fukui)	DIRECTOR	JICA EN HONDURAS
福井 美子	Interpreter 通訳者	JICE
(Tadahiro Sumitani)	coordinator	JICA

### 3. Minutes of Meeting on IC/R

1/2

#### MINUTES OF THE MEETING ON THE INCEPTION REPORT FOR THE MASTER PLAN STUDY ON THE SMALL SCALE FISHERIES DEVELOPMENT PROJECT ON THE NORTH COAST OF THE REPUBLIC OF HONDURAS

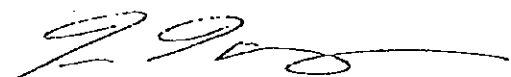
In pursue to the objective of the Scope of Work for the Master Plan Study on the Small Scale Fisheries Development Project on the North Coast of the Republic of Honduras (hereinafter referred to as "the Study") signed on July 19, 1995, Japan International Cooperation Agency (hereinafter referred to as "JICA") dispatched the Study Team headed by Dr. TAMOTSU TOMIYAMA from December 7th, 1995 to February 4th, 1996.

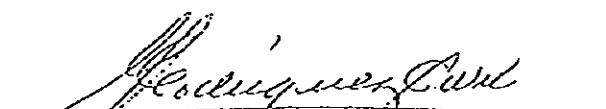
The Study Team submitted 20 copies of the Inception Report to the Honduran side and held a series of discussions with the Honduran authorities concerned.

The outstanding results of the discussions are as follows:

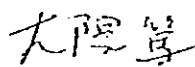
1. Honduran side agreed in principle upon the contents of the Inception Report. A comment, plus a couple of clarifications, which are shown in the Annex attached to the Minutes, were made.
2. Both sides agreed to cooperate with each other for the efficient conduct of the Study so that its objectives would be attained as described in the Inception Report.


Tegucigalpa, M. D. C., January 18th, 1996

  
DR. TAMOTSU TOMIYAMA  
Team Leader  
Study Team, JICA

  
LICDA. YOLANDA RODRIGUEZ DE CWU  
Vice-Ministra  
Secretaría de Recursos Naturales

Witnessed by

  
MR. ATSUSHI OKUMA  
For Leader  
Advisory Committee, JICA

  
LIC. ARTURO MORALES FUNEZ  
Vice-Ministro  
Secretaría de Coordinación,  
Planificación y Presupuesto



## ANNEX COMMENTS AND CLARIFICATIONS

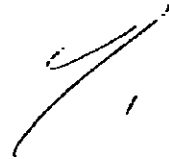
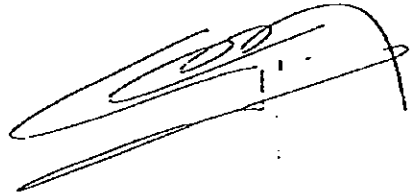
## 1. Comments

"(Trujillo, Limón, Santa Rosa de Aguán, La Ceiba, Miami y Omoa)" in page 1, paragraph 5), line 3 to 4, be changed to "(Limón, Santa Rosa de Aguán, Trujillo, La Ceiba, Tela, Omoa y comunidades aledañas)".

## 2. Clarifications

It was confirmed that the following items were contained in the Inception Report:

- 1) Application of the community participation method from the beginning of the Study;
- 2) Consideration of the cultural inherence of people in different areas;
- 3) Review of the regulations for the industrial fisheries to help the artisanal fisheries attain sustainability.



GA

#### 4. Minutes of Meeting on PR/R

1/2

MINUTES OF THE MEETING ON THE PROGRESS REPORT  
FOR THE MASTER PLAN STUDY  
ON THE SMALL SCALE FISHERIES DEVELOPMENT PROJECT  
ON THE NORTH COAST OF THE REPUBLIC OF HONDURAS

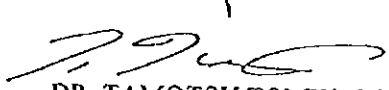
In pursue to the objective of the Scope of Work for the Master Plan Study on the Small Scale Fisheries Development Project on the North Coast of the Republic of Honduras (hereinafter referred to as "The Study") signed on July 19, 1995, Japan International Cooperation Agency (hereinafter referred to as "JICA") dispatched the Study Team for the Phase II Survey headed by Dr. TAMOTSU TOMIYAMA from May 20th, 1996 to November 30th, 1996.

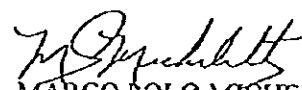
The Study Team submitted 20 copies of the Progress Report to the Honduran side and held a series of discussions with the Honduran authorities concerned.

The outstanding results of the discussions are as follows:

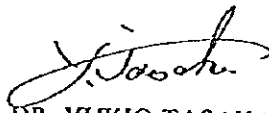
1. Honduran side agreed in principle upon the contents of the Progress Report. A couple of comments and clarifications, which are shown in the Annex attached to the minutes, were made.
2. Both sides agreed to cooperate with each other for the efficient conduct of the Study so that its objectives would be attained as described in the Progress Report.

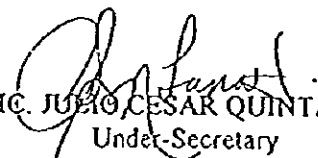
Tegucigalpa, M.D.C. May 28th, 1996

  
DR. TAMOTSU TOMIYAMA  
Team Leader  
Study Team, JICA

  
DR. MARCO POLO MICHELETTI  
Under-Secretary  
Secretaría de Recursos Naturales  
República de Honduras

Witnessed by:

  
DR. YUKIO TASAKA  
Leader  
Advisory Committee, JICA

  
LIC. JULIO CESAR QUINTANILLA  
Under-Secretary  
Secretaría de Coordinación  
Planificación y Presupuesto  
República de Honduras

## ANNEX

COMMENTS AND CLARIFICATIONSCOMMENTS:

1. Activities on Community Organizations such as COMPA and MASTA shall be studied during Phase II Survey.
2. Further published information by the Honduran Government on marine animal species in danger or in extinction in Honduras is to be collected.
3. Fishery Census Survey is to be implemented from Regional Divisions where mainly divers and crew from fishing boats live, taking into account the seasonal timing of commencement of the shrimp, lobster and conch fishing.
4. Questionnaire of the household survey (type A) is to include a question on language capability on Garifuna by local people.
5. Questionnaire on the fish production survey (type C) is to include a question on fish production cost together with salt fish processing cost.
6. Questionnaire of local fish vendor survey (type D) is to include the question on specified purchasers from local fish vendors together with destination of fish.
7. It is mentioned there are no cases of Environmental Impact Evaluations in the fisheries field up to this moment, however there are cases in aquaculture in the southern coast, for which further studies need to be made during Phase II.

CLARIFICATIONS:

1. Conditions on fisheries' resources will be collected further from fishermen during the Phase II Survey.



5. Minutes of Meeting on IT/R

1/3

MINUTES OF THE MEETING ON THE INTERIM REPORT  
FOR THE MASTER PLAN STUDY  
ON THE SMALL SCALE FISHERIES DEVELOPMENT PROJECT  
ON THE NORTH COAST OF THE REPUBLIC OF HONDURAS

In pursue to the objective of the Scope of Work for the Master Plan Study on the Small Scale Fisheries Development Project on the North Coast of the Republic of Honduras (hereinafter referred to as "the Study") signed on July 19, 1995, Japan International Cooperation Agency (hereinafter referred to as "JICA") dispatched the Study Team for the Phase III Survey headed by Dr. TAMOTSU TOMIYAMA from January 15th, 1997 to March 15th, 1997.


The Study Team submitted 20 copies of the Interim Report to the Honduran side and held a series of discussions with the Honduran authorities concerned.

The outstanding results of the discussions are as follows:

1. Honduran side agreed in principle upon the contents of the Interim Report. A comment on the contents and revision of sentences were made, which are shown in the Annex attached to the minutes.
2. Both sides agreed to cooperate with each other for the efficient conduct of the Study so that its objectives would be attained as described in the Interim Report.


Tegucigalpa, M.D.C., January 28, 1997

  
Dr. TAMOTSU TOMIYAMA  
Team Leader  
Study Team, JICA

  
Dr. MARCO POLO MICHELETTI B.  
Under-Secretary  
Secretaría de Agricultura y Ganadería  
República de Honduras

Witnessed by:

  
Mr. YOSHIO NOTSU  
Leader  
Advisory Committee, JICA

  
Licda. LUCIA DE MARDER  
Representative  
Secretaría Técnica y de Cooperación  
Internacional  
República de Honduras

## ANNEX

COMMENT AND SENTENCE REVISIONSCOMMENT:

1. Based on a DIGEPESCA comment, a program of resources survey similar to the one for the Eastern Zone should also be implemented for the Western Zone.

SENTENCE REVISIONS:

Based on recent Honduran Government reorganization, and discussion between both sides, the following sentences have been revised and/or added to the Spanish version:

1. On page 18, line 27 and 28, it should be read: "The eight macro-watersheds", instead of "the eight big rivers".
2. On page 20, line 16, it should be read: "el pargo aleta amarilla", instead of el pez aleta. Same page, line 29, it should continue with the following text: "in any case, it is necessary to gather further data and in a continuous way, in order to evaluate in detail the current resources conditions of the resources described ahead:"
3. On page 22, line 1, text to be deleted.
4. On page 25, line 32, it should be read: "The government has established four more municipalities, conforming the Department in the following way: Puerto Lempira, Brus Laguna, Villeda Morales, Francisco Bulnes, Wampusirpe, Ahuas."
5. On page 28, line 3, the following text is to be added: "As it will be described on page 38, the total number of divers and boat drivers is only of 1475 according to the results of the Fisheries Census/Survey".
6. On page 35, line 4, it should be read: "latrines" instead of bathrooms.
7. On page 41, line 15, it should be read: "Percentage of nets".
8. On page 44, line 26, it should be read: "the producer price of fresh fish", instead of "the the price of fresh fish".
9. On page 45, line 8, instead of "fresh fish" it should be read: "fishing products". Same page, line 10 instead of 290.000, the correct number is 2,900.000.
10. On page 77, numeral (2) becomes numeral (3), and numeral (2) goes as follows:  
(2) In order to provide opportunities of economical self-reliance to fishing community women, it is necessary to carry out several types of vocational training covering a wide range of the objective area, through MOPAWI, one of the NGO's that has been carrying its activities out in La Mosquitia. However, it is essential to carry out preliminary studies on job opportunities offer and demand.
11. On page 88, starting on line 5, it should be read: "For the joint evaluation on behalf of the Study, participation of the following institutions was proposed :Sub-Secretariat of the Environment and the offices of DECA, DDA and DIGEPESCA. Also, in the case of fishing activities to be planned in the Rio Plátano Biosphere, Sub-Secretariat of the Environment has proposed that DAPB of the Natural Resources Secretariat be participated in the joint evaluation.

12. On page 89, in the Social Environment box, on the table, a numeral should be added, containing the following text:
    - 5) Increase of wastes, because of the increase of fishing production.
  13. On page 90, line 22, it should be read: "Besides, the artisanal fishing sector keeps on fishing in prohibited fishing grounds such as rivers deltas. Considering such activities, the Study should take into consideration the necessary measures to guide the fishermen to follow the current fishing law."
  14. On page 91, line 20, it should be read: "La Baula (Dermochelys coriacea) instead of La Lauda (Dermochelys carriacea)." 8
  15. On page 93, line 21, it should be read: "The Natural Resources and Environment Secretariat", instead of SEDA/COHDEFOR.
  16. On page 135, Appendix 2, numeral 2, after the formula representing export volume of fish, the following sentence should be added: "where export volume is assumed to be 50% of the internally marketed volume". Same page, after Case 1 and Case 2 calculations for export volume, the following sentence should be added: "It was estimated that the Artisanal sector could export its production of fresh fish in a quantity of less than 1,000 tons annually, if the quality of fish is well controlled." 9
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## 6. Minutes of Meeting on DF/R

### MINUTES OF THE MEETING ON THE DRAFT FINAL REPORT FOR THE MASTER PLAN STUDY ON THE SMALL SCALE FISHERIES DEVELOPMENT PROJECT ON THE NORTH COAST OF THE REPUBLIC OF HONDURAS

In pursue to the objective of the Scope of Work for the Master Plan Study on the Small Scale Fisheries Development Project on the North Coast of the Republic of Honduras (hereinafter referred to as "the Study") signed on July 19<sup>th</sup>, 1995, Japan International Cooperation Agency (hereinafter referred to as "JICA") dispatched the Study Team for the Phase III Survey headed by Dr. Tamotsu TOMIYAMA from June 29<sup>th</sup>, 1997 to July 13<sup>th</sup>, 1997.

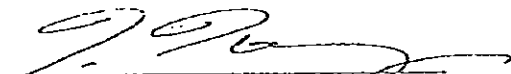
In order to ensure the mutual understanding on the Draft Final Report (hereinafter referred to as "the Report") which the Study Team submitted to the Secretariat of Agriculture and Livestock (hereinafter referred to as "SAG"), a series of meetings presided by Dr. Marco Polo MICHELETTI, Under-Secretary of SAG were held between SAG Staff and the Study Team in the presence of members listed in the Attachment to this document, on July 2<sup>nd</sup> and July 3<sup>rd</sup>, 1997.

Remark: The Scope of Work was agreed upon between the Secretariat of Natural Resources and JICA. However, starting in January 1<sup>st</sup>, 1997, the said Secretariat was divided into two (2) bodies; the Secretariat of Agriculture and Livestock (SAG) and the Secretariat of Natural Resources and Environment (SERNA), due to State Modernization Program, based on decree No. 218-96. This Study was succeeded to SAG. (Enclosed is a copy of decree No. 218-96 that explains the Secretariat change).

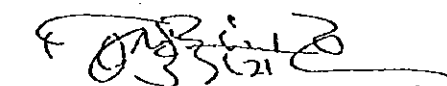
The outstanding results of the discussions are as follows:

1. SAG received twenty (20) copies of the Report in English and in Spanish, respectively.
2. SAG will examine the Report and will submit official comments on it to JICA Honduras Office by August 4<sup>th</sup>, 1997.
3. The Study Team shall examine the comments, and, where possible, revise the Report in making the Final Report.
4. SAG agreed that the Final Report will be open for the public.

Tegucigalga, M.D.C., July 4<sup>th</sup>, 1997

  
Dr. Tamotsu TOMIYAMA  
Team Leader  
Study Team  
JICA

  
Dr. Marco Polo MICHELETTI  
Under-Secretary  
SAG  
Republic of Honduras

  
Mr. Tomomi HIRANO  
Team Leader  
Advisory Team  
JICA

Witnessed by:

  
Mrs. Guadalupe HUNG PACHECO  
Director of International  
Technical Cooperation  
SETCO  
Republic of Honduras

## ATTENDANCE LIST

DATE: July 2<sup>nd</sup>, 1997  
PLACE: DIGEPESCA's Office  
HOUR: 9:00 a.m.

NAME	POSITION	INSTITUTION
<u>HONDURAN COUNTERPART</u>		
Rosa del Carmen GARCIA	Director	DIGEPESCA
Roberto GUERRA	Sub-Director	DIGEPESCA
Rigoberto GONZALEZ	Planner	DIGEPESCA
Rosa DUARTE	Planner	DIGEPESCA
Luis MORALES	Biologist	DIGEPESCA
Gabriela PINEDA	Biologist	DIGEPESCA
Takashi MATSUZAKA	Fishing Expert	DIGEPESCA/JICA
<u>STUDY TEAM</u>		
Tamotsu TOMIYAMA	Team Leader	JICA
Takashi MORIMOTO	Fishing Societies	JICA
Shigeru IWASAKI	Marketing/Economy	JICA
<u>ADVISORY TEAM</u>		
Tomomi HIRANO	Team Leader	JICA
Hiroyuki MATONO	Member	JICA





## ATTENDANCE LIST

DATE: July 3<sup>rd</sup>, 1997  
PLACE: DIGEPESCA's Office  
HOUR: 9:00 a.m.

NAME	POSITION	INSTITUTION
<u>HONDURAN COUNTERPART</u>		
Rosa del Carmen GARCIA	Director	DIGEPESCA
Roberto GUERRA	Sub-Director	DIGEPESCA
Rigoberto GONZALEZ	Planner	DIGEPESCA
Rosa DUARTE	Planner	DIGEPESCA
Luis MORALES	Biologist	DIGEPESCA
Gabriela PINEDA	Biologist	DIGEPESCA
Takashi MATSUZAKA	Fishing Expert	DIGEPESCA/JICA
<u>STUDY TEAM</u>		
Tamotsu TOMIYAMA	Team Leader	JICA
Takashi MORIMOTO	Fishing Societies	JICA
Shigeru IWASAKI	Marketing/Economy	JICA
<u>ADVISORY TEAM</u>		
Tomomi HIRANO	Team Leader	JICA
Hiroyuki MATONO	Member	JICA



TITLE	PUBLISH YEAR / AUTHOR
<b>1. DEVELOPMENT PLAN / FISHERIES LAW</b>	
1.1 LEY DE PESCA	1959 —
1.2 LINEAMIENTOS GENERALES DE ESTRATEGIAS PARA EL DESARROLLO SOCIAL Y PRODUCTIVO DE HONDURAS, 1994-1997	1994 SECLAN
1.3 PLAN DE ORDENACION Y DESARROLLO PESQUERO Y ACUICOLA DE HONDURAS	1994 DIGEPESCA
<b>2. FISHERIES SECTOR</b>	
2.1 ABUNDANCIA DE ROBALO (CENTROPOMUS SP.) EN EL ESTRATO COSTERO DEL NORESTE DE LA COSTA ATLANTICA DE HONDURAS	1987 LUIS MORALES RODRIGUEZ
2.2 ARTES DE PESCA A UTILIZAR EN EL PROYECTO DE PESCA ARTESANAL	1984 RRNN
2.3 ARTES DE PESCA EN EL MINI PROYECTO EN TRUJILLO	1994 JICA EXPERT
2.4 APROYECTO DE ESTAUTOS-HONDURAS MIKITU INDIAN BUSUKA ASLA TAKANKA	1995 HOMIBAT
2.5 CAMPANAS DE INVESTIGACION DE LA FAUNA DE ACOMPAÑAMIENTO DEL CAMARON (FAC) A BORDO DEL BARCO PESQUERO "THREE BROTHERS"	1994 DIGEPESCA
2.6 ENCUESTA DE LAS ACTIVIDADES PESQUERAS EN EL ISTMO CENTROAMERICANO CON ENFASIS EN LA PESCA ARTESANAL	1990 PRADEPESCA
2.7 FISHING AND AQUACULTURE ORDINATION AND DEVELOPMENT IN HONDURAS	1994 DIGEPESCA
2.8 FUTURE ACTIVITIES TO PROMOTE THE INTEGRAL USE OF FAC	1990 PRADEPESCA
2.9 INFORMACION ENBALSE EL CAYON	1994 DIGEPESCA
2.10 INFORME DE LA MISION MULTIDISCIPLINARIA DE PESCA A HONDURAS	1992 DIGEPESCA
2.11 INFORME DIARIO, MINI PROYECT (MEDERNIZACION DE LAS COMUNIDDES PESQUERAS DE LA BAHIA DE TRUJILLO	1995 JICA
2.12 INFORME SOBRE GIRA REALIZADA A DOCE COMUNIDADES PESQUERAS DEL LITORAL ATLANTICO DE HONDURAS	1992 J. P. DE BONILLA
2.13 LA MOSQUITIA, HONDURAS: RESOURCES AND DEVELOPMENT POTENTIAL	1981 ODA
2.14 LISTA DE NOMBRES DE PERSONAS Y GRUPOS FRACASADOS EN PROYECTO MODELPESCA/TORUJILLO	DIGEPESCA
2.15 PROGRAMA DE COOPERACION TECNICA, MODERNIZACION DEL SECTOR PUBLICO PESQUERO HONDURAS	1994 FAO
2.16 PROYECTO DE PESCA ARTIZANAL EN HONDURAS-ANALYSIS DE SUS RESULTADOS Y PROPOSICIONES PARA SU MEJORAMIENTO	FAO
2.17 REGLAMENTO INTERNO DE LA ORGANIZATION MASTA MOSKITIA ASLA TAKANKA	1985 —
2.18 RESOLUCION NO. 021~033-95	1995 SECRETARIA DE RECURSOS NATURALES
2.19 RESULTADOS DEL PROGRAMA DE PESCAS EFECTUADAS POR EL B/I "LAVATRA" EN EL ATLANTICO HONDURENO	1986 L. VILLEGAS, et al
2.20 SECRETARIA DE ESTADO DE GOBERNACION Y JUSTICIA RESOLUCION No. 52-S7	1987 —
2.21 FISHERIES RESOURCES SURVEY IN THE ATLANTIC COASTAL WATER IN THE REPUBLIC OF HONDURAS	1983 JICA

TITLE	PUBLISH YEAR / AUTHOR
<b>3. SOCIO / ECONOMIC SECTOR</b>	
3.1 CENSO FAMILIAR DE SALUD-RIGION DE SALUD 3	1995 —
3.2 CONOCER PARA ACTUAR, PERFIL MUNICIPAL DE HONDURAS	1990 SECPLAN, OIT, FNUAP
3.3 HONDURAN POWER SYSTEM MASTER PLAN	1993 CIDA
3.4 HONDURAS COUNTRY ECONOMIC MEMORANDUM/POVERTY ASSESSMENT	1994 THE WORLD BANK
3.5 HONDURAS EN CIFRAS 1992-1994	1995 DEPARTAMENTO DE ESTUDIOS ECONOMICOS
3.6 INDICADORES ECONOMICOS DE CORTO PLAZO	1995 DEPARTAMENTO DE ESTUDIOS ECONOMICOS
3.7 INDICADORES ECONOMICOS DE CORTO PLAZO	1994 BCH
3.8 INDICE DE PRECIOS AL CONSUMIDOR 1992-1994	1994 BCH
3.9 PLAN AGRICOLA PARA EL DESARROLLO DEL CAMPO 1995-1998	1995 UPSA
3.10 POLITICAS DE POBLACION, POBREZA Y EMPLEO EN HONDURAS	1994 SECPLAN, ILO, UNFPA
3.11 PROYECCIONES DE POBLACION DE HONDURAS POR SEXO Y EDAD 1988-2050	1992 SECPLAN, OIT, FNUAP
<b>4. ENVIRONMENTAL INFORMATION</b>	
4.1 CAYOS COCHINOS, REGLAMENTO PARA USO Y MANEJO SOSTENIBLE	1995 ADMINISTRATION DE LA RESERVA BIOLOGICA CAYOS COCHINOS
4.2 CUADRO RESUMEN DEL SISTEMA DE AREAS PROTEGIDAS DE HONDURAS	1993 MANUEL J. REY
4.3 EL CLIMA E HISTORIA DE CIUDADES Y PUEBLOS DE HONDURAS	1990 E. Z. ANDRADE
4.4 ESPECIES EN PELIGRO DE EXTINCION EN HONDURAS	1994 COHDEFOR
4.5 HONDURAS ENEE	1995 E. Z. ANDRADE
4.6 LA ESTRUCTURA Y EL COMPORTAMIENTO DE LA ATMOSFERA	1989 E. Z. ANDRADE
4.7 LAS MODALIDADES DE LA LUVIA EN HONDURAS	E. Z. ANDRADE
4.8 LAW OF PROTECTED AREAS DECREE/LAW OF 87-87	1987 —
4.9 LEY GENERAL DEL AMBIENTE Y SU REGALAMENTO GENERAL	1995 SEDA
4.10 MANUAL TECNICO DEL SISTEMA NACIONAL DE EVALUACION DE IMPACTO AMBIENTAL	1994 SEDA
4.11 NORMAS PARA REGULAR LAS DESCARGAS DE AGUAS RESIDUALES A CUERPOS RECEPTORES Y ALCANTARILLADO SANITARIO	1994 COMITE TECNICO NACIONAL DE CALIDAD DE AGUA
4.12 NORMAS TECNICO-ADMINISTRATIVAS PARA EL MANEJO Y APROVECHAMIENTO DE LA FAUNA SILVESTRE	1995 COHDEFOR
4.13 PLAN DE ACCION AMBIENTE Y DESARROLLO	1993 SEDA
4.14 POBLACION Y MEDIO AMBIENTE	1993 FUNAP, UNDES
4.15 PROFIL AMBIENTAL	1989 ASOCIACION HONDURENA DE ECOLOGIA
4.16 PROMEDIOS MENSUALES DE VELOCIDAD DEL VIENTO	1965-93 —

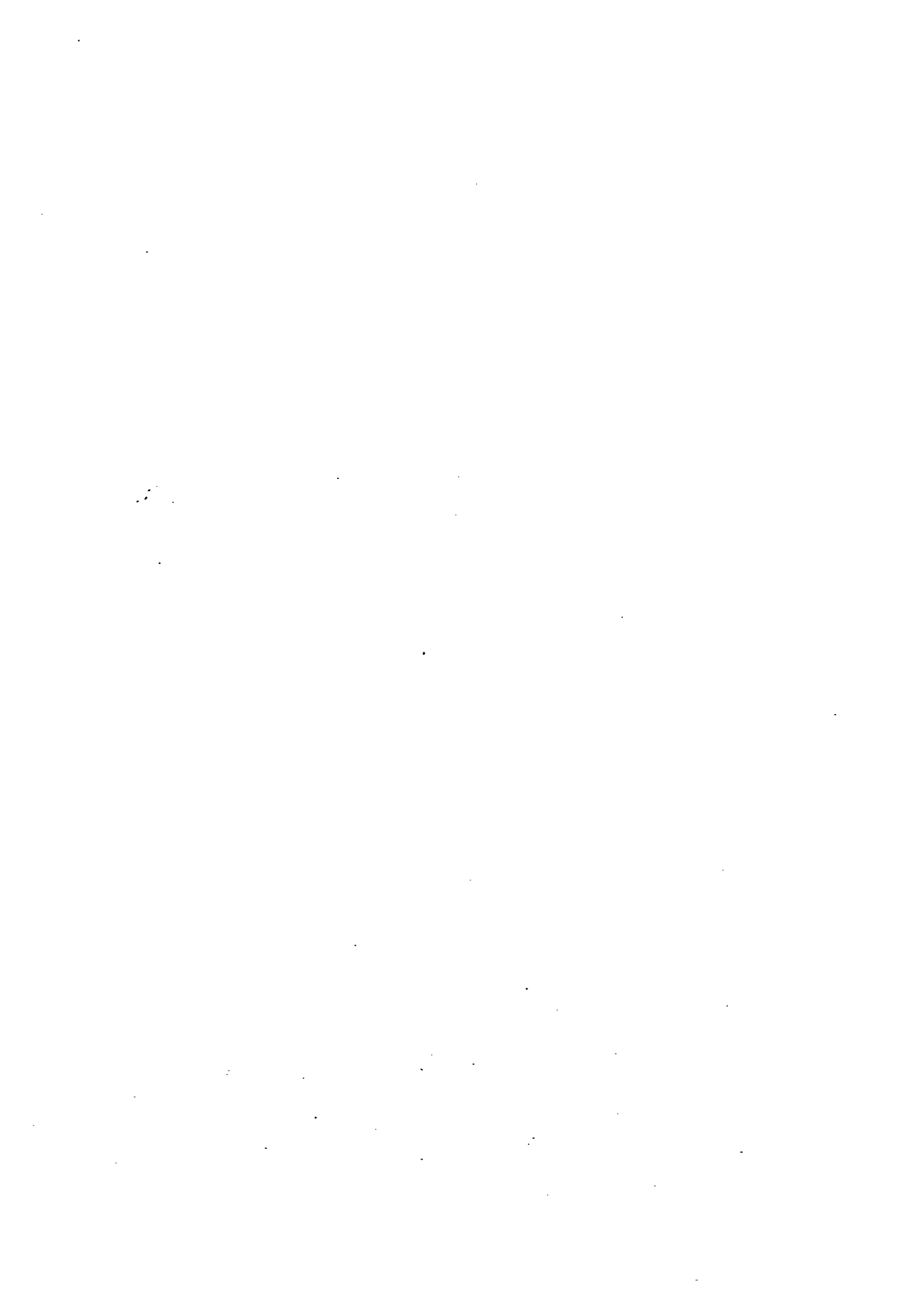
	TITLE	PUBLISH YEAR / AUTHOR
4. 17	PROYECTO DE CONSERVATION DE TORTUGAS MARINAS LA SEGUNDA ETAPA	1995 MOPAWI/JOY FOUNDATION
4. 18	PROYECTO PASEO PANTERA ASISTENCIA TECNICA AL DEPARTAMENTO DE AREAS PROTEGIDAS Y VIDA SILVESTRE FINANCIAMIENTO USAID/HONDURAS	—
4. 19	PROYECTO DE CONSERVATION DE TORTUGAS MARINAS	1995 MOPAWI/JOY FOUNDATION
4. 20	REGLAMENTO DE PESCA DEL PARQUE NACIONAL PUNTA SAL	1995 —
4. 21	REGLAMENTO DEL SISTEMA NACIONAL DE EVALUACION DE IMPACTO AMBIENTAL (SINEIA)	1993 SEDA
4. 22	SEDA PLAN DE ACCION AMBIENTE Y DESARROLLO	1993 SEDA
4. 23	SERIE ECOLOGIA NO1. ECOSISTEMAS DE HONDURAS	1985 ASOCIACION HONDURENA DE ECOLOGIA
	<b>5. MAP</b>	
5. 1	SEGMENTATION MAP DEPARTAMENTO GRACIAS A DIOS 1:100,000	1988 MUNICIPIO PURETO LEMPIRA
5. 2	TIERRAS INDIGENAS DE LA MOSQUITIA HONDURENA: ZONAS DE SUBSISTENCIA 1:500,000	1995 MOPAWI
5. 3	MAP OF THE NORTH COAST	

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