

I. INTRODUCTION

In response to the request of the Government of the Republic of the Philippines (hereinafter referred to as "GOP"), the Government of Japan (hereinafter referred to as "GOP") has decided to conduct Preparation of Forest Information in Wide Area and Forest Management Planning (hereinafter referred to as "the Study") and exchanged the Notes Verbales with GOP concerning the implementation of the Study. The Japan International Cooperation Agency (hereinafter referred to as "JICA"), the official agency responsible for the implementation of the technical cooperation programmes of GOJ, will undertake the Study in accordance with the relevant laws and regulations in force in Japan.

On the part of GOP, Ministry of Natural Resources (hereinafter referred to as "MNR") shall act as counterpart agency to the Japanese survey team and also as coordinating body in relation with other governmental and non-governmental organizations concerned for the smooth implementation of the Study.

The present document constitutes the implementing arrangement between JICA and MNR under the above-mentioned Notes Verbales exchanged between the two governments.

II. OBJECTIVE OF THE STUDY

The objectives of the Study are as follows:

- To gather, compile and analyse basic data and information related to the forest in the wide area
- To prepare basic items for forest management plan in the wide area
- To formulate a sustainable forest management plan for the model area

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III. SCOPE OF THE STUDY

1. Study Area

The Study Area (hereinafter referred to as the Area) will cover watershed of Cagayan River of approx. 2,700,000 ha, and Model Area (maximum 50,000ha) will be selected in the Area (see APPENDIX I).

2. Outline of the Study

(1) Data Acquisition

a. Existing Data Collection

- Landsat data
- Aerial photographs
- Topographic maps and other maps
- Meteorological data
- Social statistics

b. Compilation of Reconnaissance Maps

- Compilation of existing maps and data
- Landsat and photo interpretation

c. Field Surveys

- Checking and correction of reconnaissance maps
- Additional data collection

d. Compilation of Basic Data

(2) Data Processing and Analysis

a. Computer input/filing

b. Geographical characteristics with meteorological data

c. Land characteristics

d. Forest land classification

(3) Formulation of Basic Items for Forest Management Plan for the Area.

Following are to be carried out for the Area:

- Establishment of forest management blocks

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- Zoning of forest areas
- Preparation of guidelines for forest management

(4) Formulation of Forest Management Plan for Model Area

- a) Aerial photography
- b) Additional data collection
- c) Field surveys
- d) Formulation of the management plan

IV. STUDY SCHEDULE

The Study will be carried out in accordance with the attached Tentative Schedule.

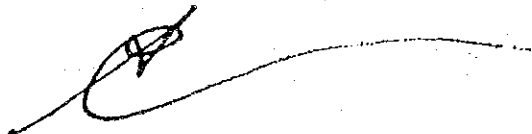
V. REPORTS AND MAPS

JICA shall prepare and submit the following reports and maps in English to GOP.

1. Reports (30 copies each)
 - a. Inception Report
 - b. Progress Report
 - c. Draft Final Report
 - d. Final Report
(Concerning "Forest Information and Basic Items for Forest Management Plan for the Area" and "Forest Management Plan in Model Area")

2. Maps of the Area (Polyester Base, Scale: 1/100,000)
 - a. Geographical Characteristics (1 set)
 - b. Land Characteristics (1 set)
 - c. Forest Land Classification (1 set)
 - d. Basic Items for Forest Management Plan (1 set)

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3. Aerial Photography of Model Area (1 set)
 - Negative Films
 - Contact Prints
 - Photo Index
4. Magnet Tapes (Filing Data) of the Area (1 set)
5. Forest Information Register for Model Area (1 set)

VI. UNDERTAKING OF GOP

In accordance with the Notes Verbales exchanged between GOJ and GOP, GOP shall accord privileges, immunities and other benefits to the Japanese survey team and, through the authorities concerned, take necessary measures to facilitate the smooth conduct of the Study.

1. GOP shall be responsible for dealing with claims which may be brought by the third parties against the members of the Japanese survey team and shall hold them harmless in respect of claims or liabilities arising in the course of, or otherwise connected with the discharge of their duties in the implementation of the Study except when such claims or liabilities arise from gross negligence or willful misconduct of the above-mentioned members.
2. MNR shall, at its own expense, provide the Japanese survey team with the following, if necessary, in cooperation with the other agencies concerned:
 - (1) Available data and information related to the Study;
 - (2) Counterpart personnel and appropriate number of drivers;

- (3) Suitable office space in Manila and Tuguegarao;
 - (4) Credentials or identification cards to the members of the Japanese survey team.
3. MNR shall make necessary arrangements with other governmental and non-governmental organizations concerned for the following:
- (1) to secure the safety of the Japanese survey team;
 - (2) to permit the members of the Japanese survey team to enter, leave and sojourn in the Philippines for the duration of their assignment therein;
 - (3) to exempt the members of the Japanese survey team from taxes, duties, fees and other charges on equipment, machinery and other materials brought into the Philippines for the conduct of the Study;
 - (4) to exempt the members of the Japanese survey team from income tax and charges of any kind imposed on or in connection with any emolument or allowance paid to the members of the Japanese survey team for their services in connection with the implementation of the Study;
 - (5) to provide necessary facilities to the Japanese survey team for remittance as well as utilization of the funds introduced into the Philippines 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 to take all data and documents (including photographs) related to the Study out of the Philippines to Japan by the team;

- (8) to provide medical services as needed and its expenses will be chargeable on members of the Japanese survey team.

VII. UNDERTAKING OF GOJ

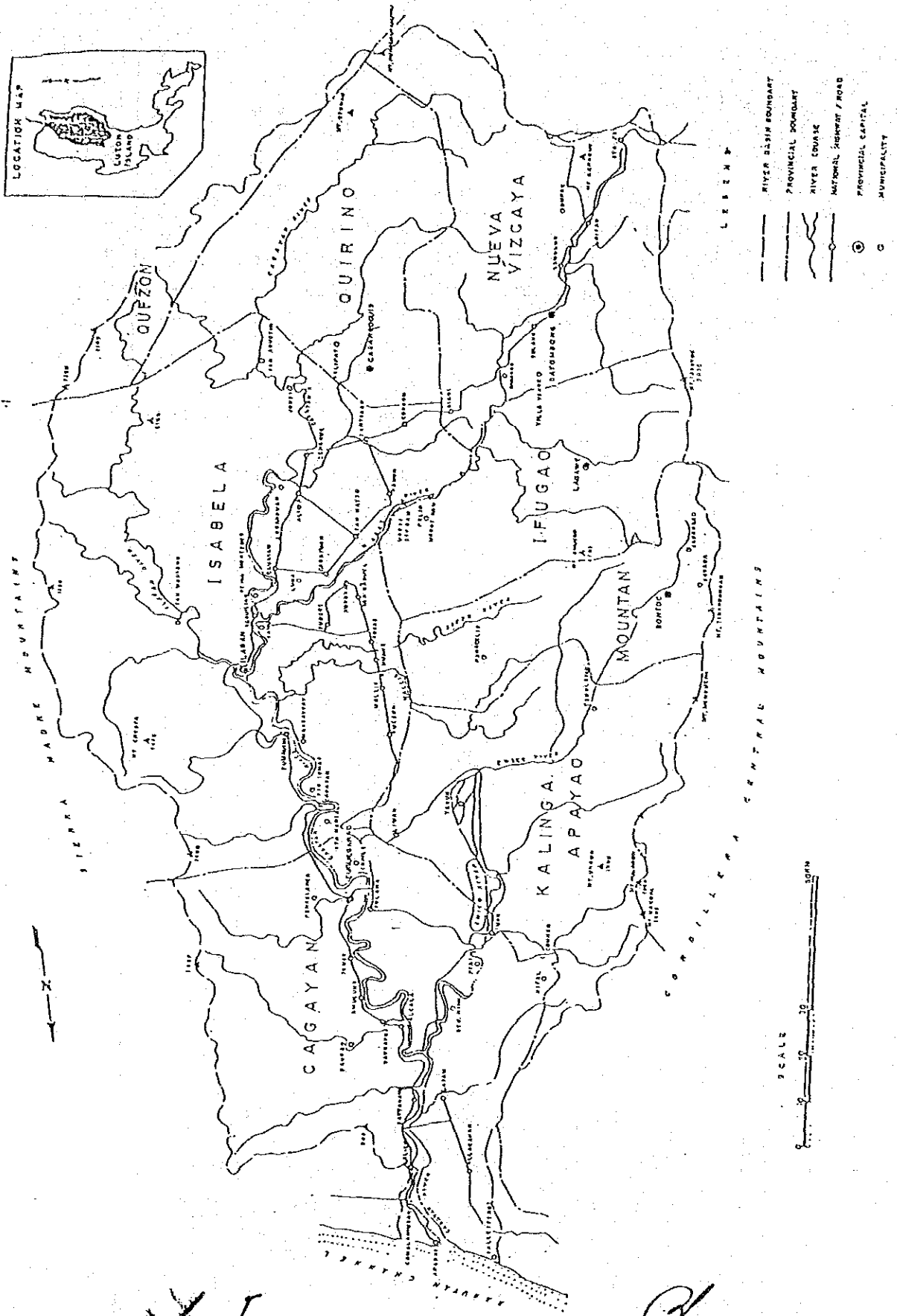
In accordance with the Notes Verbales exchanged between GOJ and GOP, GOJ, through JICA, shall take the following measures for the implementation of the Study:

1. To dispatch, at its own expenses, survey teams to the Philippines;
2. To pursue technology transfer to the Philippine counterpart personnel in the course of the Study;
3. To provide the following equipment and machinery for the implementation of the Study which will remain the property of JICA unless otherwise agreed;
 - (1) vehicles *JJ*
 - (2) equipment and machinery for forest survey

VIII. CONSULTATION

JICA and MNR shall consult with each other in respect of any matter that may arise from or in connection with the Study.

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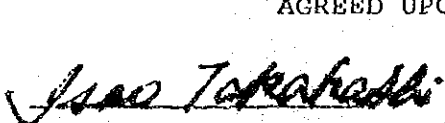
M E M O R A N D U M

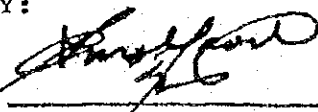
The Japanese Implementing Arrangement Discussion Team and the Philippine Authorities concerned held meetings on May 15th, 16th, 17th, and 20th to discuss the details of Implementing Arrangement for Preparation of Forest Information in Wide Area and Forest Management Planning.

Through the discussions, both sides understood and agreed on the following items:

1. Both sides agreed on the contents of the Study.
2. Alienable and Disposable areas shall be excluded from the subject of the Study.
3. The Model area shall be selected in accordance with the information acquired in the process of the Study.
4. The Philippine Authorities concerned assured that the Japanese Survey Teams could gather necessary data including aerial photographs and bring them to Japan for compilation and analysis.
5. The reports and maps mentioned under Item V, Implementing Arrangement, shall remain the confidential documents addressed solely to MNR.
6. Technology transfer shall be made through cooperative work with the Philippine counterpart personnel in the course of the Study.

AGREED UPON BY:


MR. ISAO TAKAHASHI
Leader of the Study Team
Japan International
Cooperation Agency


HON. ARNOLD B. CAOILI
Deputy Minister
Ministry of Natural
Resources

20 May 1985

JICA