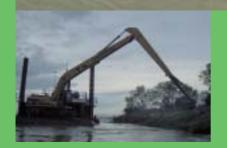
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)
HARBOUR DEPARTMENT, MINISTRY OF TRANSPORT AND COMMUNICATIONS
THE KINDOM OF THAILAND

THE MASTER PLAN STUDY FOR THE COASTAL CHANNELS AND PORTS DEVELOPMENT IN THE KINGDOM OF THAILAND











March 2002

PACIFIC CONSULTANTS INTERNATIONAL

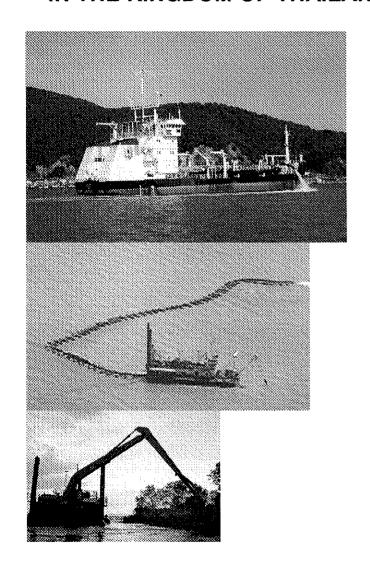
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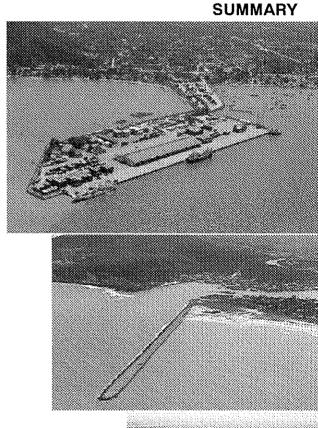
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JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)
HARBOUR DEPARTMENT, MINISTRY OF TRANSPORT AND COMMUNICATIONS
THE KINDOM OF THAILAND

FINAL REPORT

THE MASTER PLAN STUDY FOR THE COASTAL CHANNELS AND PORTS DEVELOPMENT IN THE KINGDOM OF THAILAND







March 2002

PACIFIC CONSULTANTS INTERNATIONAL

Exchange Rate
US\$1.00=Baht45.0
US\$1.00=¥120.0
(October 2001)

PREFACE

In response to a request of the Government of the Kingdom of Thailand, the Government of Japan decided to conduct a master plan study for the coastal channels and ports development and entrusted the study to the Japan International Cooperation Agency (JICA).

JICA sent to the Kingdom of Thailand a study team three times between January 2001 and March 2002, which was headed by Mr. Nobuo Endo of Pacific Consultants International (PCI).

In addition, JICA set up an advisory committee headed by Mr. Susumu Naruse, Director of International Office, Ports & Harbours Bureau, Ministry of Land, Infrastructure, and Transport, between January 2001 and March 2002, which examined the study from specialist and technical points of view.

The team held discussions with the officials concerned of the Government of Thailand and conducted field surveys at the study area. After the team returned to Japan, further studies were made and this report was prepared.

I hope that the report will contribute to the promotion of this project and to the enhancement of friendly relations between our two countries.

Finally, I wish to express my sincere appreciation to the officials concerned of the Kingdom of Thailand for their close cooperation they extended to the team.

March 2002

Takao Kawakami

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President

Japan International Cooperation Agency

LETTER OF TRANSMITTAL

March 2002

Mr. Takao Kawakami President Japan International Cooperation Agency

Sir,

I have the honor to submit the Final Report of the Master Plan Study for the Coastal Channels and Ports Development in the Kingdom of Thailand.

The study was commenced in January 2001 by the study team of Pacific Consultants International (PCI) and concluded in March 2002 as per the contract with the Japan International Cooperation Agency (JICA).

In line with the scope of work agreed in October 2000 between both governments, the study aims at formulating a master plan for the channels and ports development and maintenance/management plan, including comprehensive dredging management plan, up to the year 2020, and a short-term development up to the year 2010. The feasibility study on selected channels and ports is required.

The study team carried out on-site studies, field surveys on natural and environmental conditions, interviews and discussions with various port-related agencies, and prepared hereby the Final Report of the study.

I would like to note that the completion of the study is greatly owed to the collaboration with the Harbour Department, Ministry of Transport and Communications, and other related ministries, government agencies, authorities, shipping lines and agencies concerned in Thailand.

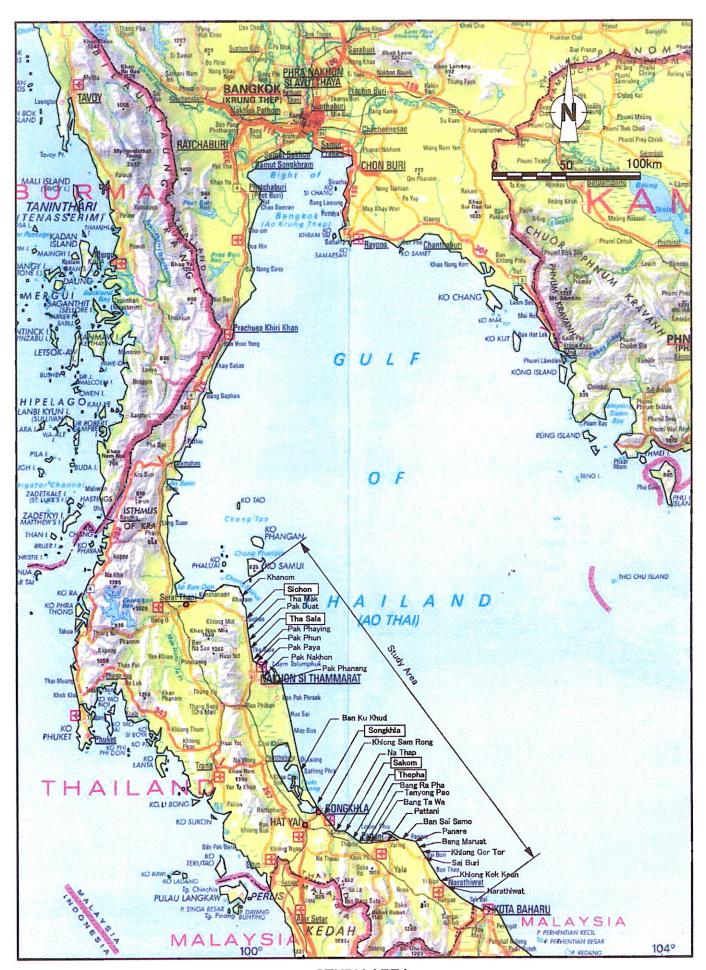
I wish to thank the JICA, the Ministry of Foreign Affaires, the Ministry of Land, Transport and Infrastructure, Port and Airport Research Institute, Japan Bank for International Cooperation and the Embassy of Japan in Thailand for their assistance and suggestions extended to the study team.

Yours sincerely,

Nobus Endo

Nobuo Endo

Team Leader for the Master Plan Study for the Coastal Channels and Ports Development



STUDY AREA