

**PHILIPPINE - JAPAN  
MINI - PROJECT TYPE TECHNICAL COOPERATION  
IN HYDROGRAPHIC SURVEYING  
AND CHARTING**

A mini-project type technical cooperation in hydrographic surveying and nautical charting will start from May 1991, between the Governments of the Republic of the Philippines and Japan. This is a three-year project to carry out hydrographic surveys in and approaches to the Port of Puerto Princesa, Palawan, and a chart original will be produced every year, in which a few Japanese experts will be participating for technical transfer. Survey and cartographic equipment will also be donated to the Philippines under this project and counterpart training will be conducted in Japan in the fields of

hydrographic surveying, oceanographic observation and nautical cartography. To materialize the project, a four-member survey mission, headed by Mr. Yasuhiro Oyamada, Head, International Cooperation Office for Hydrography, Hydrographic Department of Japan, visited the Philippines from 9 to 18 December 1990, and drafted the minutes of the project with Captain Renato B. Feir, Director, and other staff of the Coast and Geodetic Survey Department, National Mapping and Resource Information Agency, and made reconnaissance of the proposed sites of Puerto Princesa and San Fernando.

**MARINE ENVIRONMENT WORKSHOP  
TOOK PLACE IN TOKYO**

Marine Environment Workshop was held at the Conference Hall of the Hydrographic Department of Japan from 5 to 7 February 1991, under the sponsorship of the Ship and Ocean Foundation of Japan and the Japan Association for Preventing Marine Accidents (JAPMA).

Professor Zhou Jiayi, Director, National Marine Environment Monitoring Center, State Oceanic Administration of China, Ms. Hamidah Razak, Marine Pollution Expert, Center for R & D in oceanology of Indonesian Institute of Sciences, Mr. Lee, Chang-Sup, Director, Experiment & Research Division, National Maritime Police of Korea, Mr. Hashim Daud, Assistant Director General, Department of Environment, Ministry of Science, Technology and Environment of Malaysia, Mr. Rudy Villanueva, Region IV Regional Tech-

nical Director for Environment, Department of Environment and Natural Resources of the Philippines and Dr. Saksit Tridech, Director, Natural Resources and Environmental Management Coordination Division, Office of the National Environment Board of Thailand were invited from abroad to attend the Seminar as specialists of respective countries.

From the Japanese side, Professor R. Tatsukawa of Ehime University and Professor T. Okaichi of Kagawa University delivered keynote lectures. Experts and specialists from various governmental agencies concerned, e.g. Ministry of Transport, Japan Environment Agency, Japan Meteorological Agency, Fisheries Agency besides Hydrographic Department and Guard and Rescue

Department of Maritime Safety Agency participated in the discussions on the topics of (1) Present status of marine pollution in Western Pacific Areas, (2) Oceanographic structures of Western

Pacific and their influences on global environmental surveys and investigations for the future. A technical tour was also organized to visit M.S.A. Research Center on 7 February.

#### EXCHANGE OF VISITS BY SURVEY VESSELS OF JAPAN AND KOREA

From 28 July to 2 August 1989, the Survey Vessel SHOYO (1,900 tons) of the Hydrographic Department of Japan visited the Port of Incheon, Republic of Korea, for the first time, by invitation of Mr. Kim, Kwang-Duck, then Chief Hydrographer of the Republic of Korea.

Mr. Takumi Mori, Director, Planning Division of the Hydrographic Department led a 15-member team on board, mostly comprising technical personnel of the Hydrographic Department. During the visit, a technical meeting on hydrography was held at the Office of Hydrographic Affairs (OHA) of Korea in Incheon to exchange views on the matters

of mutual concern, including exchange of ocean current data in the waters between Korea and Japan. In 1990, Dr. Takahiro Sato, Chief Hydrographer of Japan, sent an invitation to the OHA to send one of their survey vessels to visit Tokyo.

The Korean Survey Vessel PUSAN 801 (439.8 tons) visited the Port of Tokyo from 6 to 10 November 1990, for the first time. Mr. Kim Chang-Hoon, Director, Maritime Safety Division of OHA led a 32-member team on board. During their stay in Tokyo, the second hydrographic technical meeting was held at the Hydrographic Department of Japan.



Japan-Korea Hydrographic Technical Conference  
Tokyo, 8 November 1990