## TRAINING NEWS

## IOC/WESTPAC TRAINING ON OCEANOGRAPHIC DATA MANAGEMENT, 1994

The 13th training course on oceanographic data management, sponsored by Intergovernmental Oceanographic Commission (IOC), was conducted at the Japan Oceanographic Data Center (JODC), Hydrographic Department of Japan, from 26 September to 7 October 1994. The following three participants were nominated by IOC and accepted by JODC:

- Mr. Zainal Bin Aziz, Hydrographic Directorate, Malaysia
- Ms. Chu Thi Hin, Vietnam Oceanographic Data Center, Viet Nam
- Ms. Gascon Gelma, Philippine Oceanographic Data Center, Coast and Geodetic Survey Department, NAMRIA, Philippines

The main purpose of the course was to allow participants to become acquainted with data formats used for international exchange of oceanographic data in the framework of International Oceanographic Data and Information Exchange (IODE) system, as well as acquisition, processing and compilation of oceanographic data, especially by using personal computers.



From left: Ms. Chu Thi Hin, Ms. Gascon Gelma, Mr. M. Shiozaki, and Mr. Zainal Aziz

## INDIVIDUAL TRAINING ON BOARD JHD SURVEY VESSEL KAIYO



From left
Mr. T. Utsumi, Chief Navigation Officer of the Kaiyo,
Mr. Shin, M.S., ROKOHA, and
Ms. K. Okino, Ocean Surveys Officer, JHD

In response to the request made by the Office of Hydrographic Affairs, Republic of Korea (ROKOHA), an onthe-job training in bathymetric survey instrumentation specially focused on narrow multi-beam echo sounding was carried out for Mr. Shin, Myoung Sig, Senior Survey Officer, ROKOHA, by which his travel expenses were borne, for about four weeks from 3 October 1994.

Mr. Shin arrived at JHD Tokyo Hqs. on 2 October and embarked on the JHD Survey Vessel *HL 06 KAIYO* (605 G/T) at Tokyo Port on 4 October when the Kaiyo sailed out for the survey area off E coast of Japan. The bathymetric survey was conducted in areas on the Japan Trench, mainly using the narrow multi-beam echo sounder, SEABEAM 2000, and after the completion of the survey, the Kaiyo returned to Tokyo Port on 17 October. On the Kaiyo, Mr. Sin was exposed to various bathymetric instruments, survey methods and procedures during the survey.

Lectures on bathymetric survey instrumentation as well as practice on its data processing were made at JHD Tokyo Hqs. for Mr. Shin by Senior Ocean Surveys Officers of JHD.