

**SEMINAR ON OCEANOGRAPHIC DATA MANAGEMENT
HELD IN
KUALA LUMPUR, MALAYSIA
30 NOVEMBER - 2 DECEMBER 1993**

A seminar on the usage of Ocean PCs in oceanographic data management was held in Kuala Lumpur, Malaysia, from 30 November to 2 December 1993.

The seminar, jointly organized by the Hydrographic Department of Japan and the Hydrographic Directorate of Royal Malaysian Navy, as well as Intergovernmental Oceanographic Commission (IOC) and Japan Hydrographic Association, and supported by the Sasakawa Peace Foundation, was officiated with a welcome address by Commodore Mohd Rasip Hassan, Director of Hydrographic Directorate, Malaysia, followed by an opening address made by Mr. J. Withrow, IOC, in the morning of 30 November.

The seminar lecturers invited from IOC were Dr. Harry Dooley, ICES Hydrographer, Denmark, Dr. Murray Brown, Minerals Management Service, USA, Dr. Douglas Mclain, NOS/COAP, USA, Dr. Robin Harger, UNESCO Office, Indonesia, and Mr. John Withrow, Senior Technical Secretary, IOC. More than 40 experts and persons who are currently or will be engaged in oceanographic data management in Malaysia as well as other Asian countries attended the seminar, in which 20 sets of personal computers were fitted for practice.

Ocean PC is an IOC project to organize a system of software for processing of oceanographic data on per-

sonal computers. It accommodates the wide diversity of data types, formats and applications of oceanographic data with particular focus on analytical capabilities, quality control and data visualization for marine science.

Malaysia as a member of the IOC Executive Council has been playing a more significant role in IOC affairs especially in the Training, Education and Mutual Assistance in the Marine Science (TEMA) programmes by hosting at least one training workshop or seminar every year. The Hydrographic Directorate, RMN, organised the "IOC Advanced Training Course on Nearshore Sedimentation and Evolution of Coastal Environmental" last year and assisted the Ministry of Science, Technology and Environment in hosting the IOC/WESTPAC Scientific Symposium on Marine and Management of Marine Areas in 1991.

Commodore Mohd Rasip Hassan is currently Chairman of the Editorial Board of International Bathymetric Chart of the Western Pacific (IBCWP) project and some of Malaysia's other involvement include participation in Integrated Global Ocean Services System (IGOSS), Global Sea-Level Observation System (GLOSS) and Tropical Ocean Global Atmosphere programmes (TOGA).

The seminar was closed with a speech made by Mr. Y. Yano, Japan Hydrographic Association, in the afternoon of 2 December 1993.



Opening address
by Commodore Mohd Rasip Hassan



Lecturers and participants
of the Seminar on Ocean PCs
Kuala Lumpur, Malaysia