

## **ENC COVERING THE STRAITS TO BE PRODUCED JOINTLY BY THE FOUR HOs**

The Hydrographers of the four countries; Indonesia, Japan, Malaysia, and Singapore, will expectedly agree on the joint production of the Electronic Navigational Chart (ENC) covering the Straits of Malacca and Singapore.

As part of the *Four Nation Joint Re-survey of Critical Areas and Investigation of Dangerous/Unconfirmed Shoals and Wrecks in the Straits of Malacca and Singapore* that was successfully completed in March 1998, the Electronic Navigational Chart (ENC) data base for the Straits will be constructed jointly by the four countries, by digitizing the six sheets of the Common Datum Charts covering the Straits at scales of 1:50,000 (2 sheets), 1:75:000 (1 sheet), and 1:200,000 (3 sheets) , which were prepared jointly by the four countries in 1978 - 82, and incorporating findings of the Joint Re-survey Project, in conformity with the IHO S-57, Edition 3, the latest version of the ENC specifications adopted by the International Hydrographic Organization (IHO).

For the compilation and production of the ENC data base for the Straits of Malacca and Singapore, JHD has been receiving, since January 1998, a number of counterparts from Hydro-oceanographic Service and Directorate General of Sea Communications of Indonesia as well as Hydrographic Directorate and Marine Department of Malaysia, respectively, for transferring ENC compilation and production technology.

It is expected that, with the data base to be constructed, the ENC contained in CD-ROM is expected to be produced and released by the end of 1998 and made available to mariners and other users through chart sales agents of the four HOs, respectively.

As the Regional Electronic Navigational Chart Coordinating Center (RENC) recommended by IHO has not yet been established in the East Asian region, discussions of the Hydrographers of the four countries will be focused on updating procedures as well as publication and distribution schemes for the ENC of the Straits to be produced.



Counterparts from Indonesia and Malaysia participating in production of ENC covering the Straits  
From left : Mr. Lim, Mr. Zulkifli (Malaysia) Dr. Oshima (Chief Hydrographer of Japan)  
From right : Mr. Ridwan, Mr. Harahapu (Indonesia)