

ENC SEMINAR HELD IN TOKYO

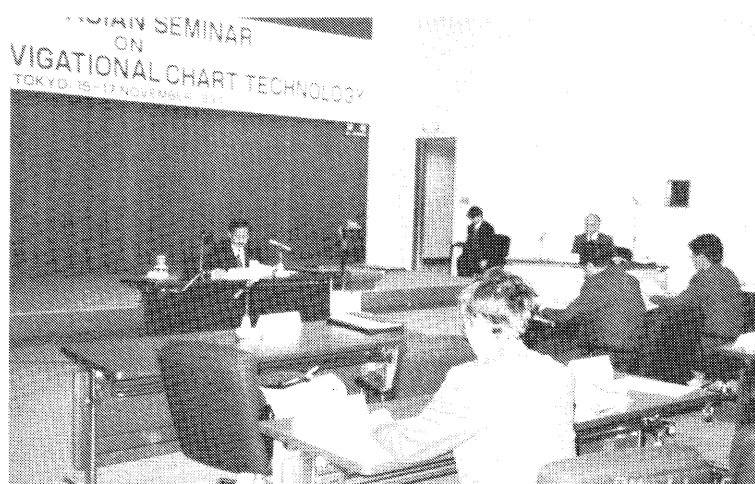
The East Asian Seminar on Electronic Navigational Chart (ENC) Technology was held at the Hydrographic Department of Japan (JHD) from 15 to 17 November 1994.

The seminar was aimed at sharing views and information on the present status of and technical aspects on electronic navigational chart and its development as well as promoting mutual understanding and cooperation specially among those countries of the East Asia Hydrographic Commission (EAHC). JHD has planned to hold the seminar in series; once in 1994, 95 and 96, respectively, and its first one was organized and arranged as scheduled in support of the Japanese Ministry of Transport and Japan Hydrographic Association (JHA). It was attended by:

- Commodore Mohd Rasip Bin Hassan, Director, Hydrographic Directorate, Malaysia;
- Commodore Renato B. Feir, Director, Coast and Geodetic Survey Department, NAMRIA, Philippines;
- Engineer Raul S. Capistrano CGSD/NAMRIA, Philippines;
- Capt. Narong Nagadhana, Deputy Director, Cartographic Division, Hydrographic Department, Thailand;
- Mr. Adam J. Kerr, Director, International Hydrographic Bureau (IHB); and

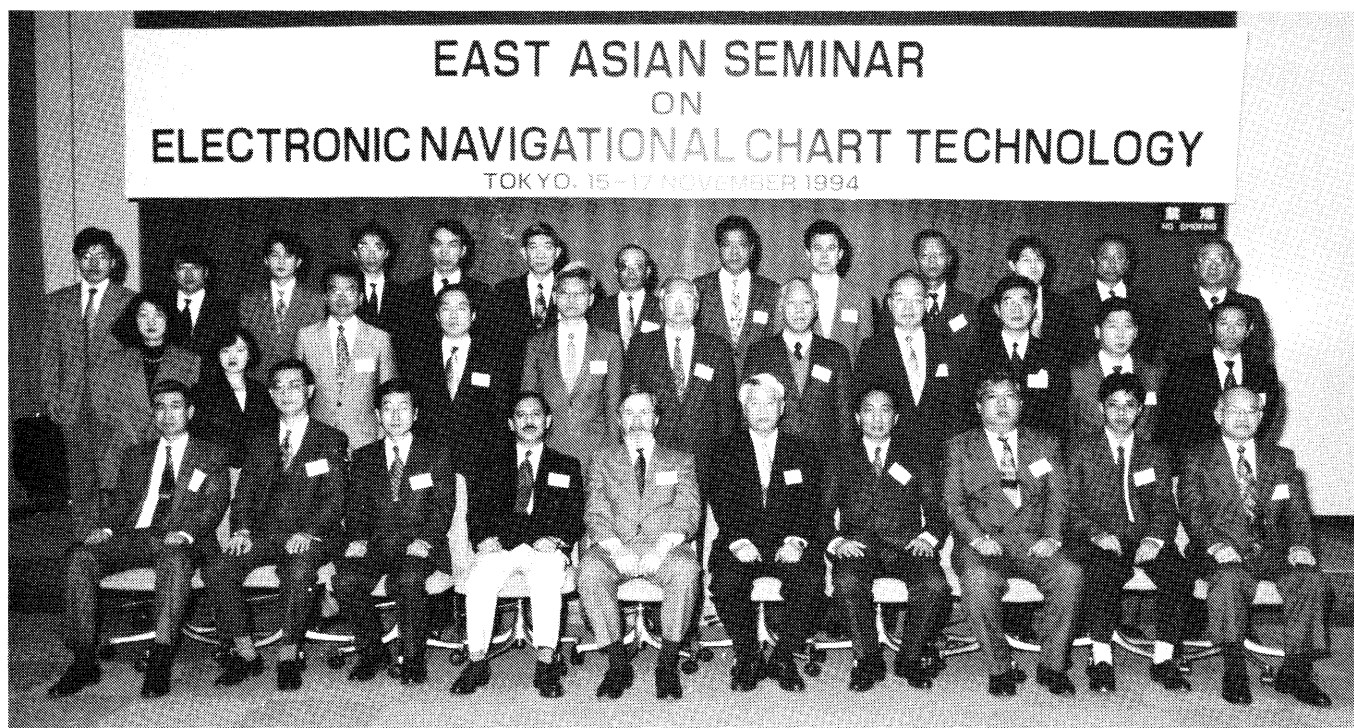
From Japanese side;

- Mr. Masaru Shiozaki, Chief Hydrographer, JHD
- Mr. Yukio Ishizaka, Deputy Director General, JHD



Cmdr. Rasip reporting and discussing ENC development in Malaysia

- Mr. Masayuki Hashimoto, Director, Administration Division, JHD
- Dr. Shoichi Oshima, Director, Planning Division, JHD
- Dr. Yasuhiro Ganeko, Director, Coastal Surveys & Cartography Division, JHD
- Capt. Hiroshi Hotta, Director, Notices to Mariners Division, JHD
- Dr. Yoshio Kubo, Director Oceanographic Data & Information Division, JHD
- Mr. Tadao Tatsuno, Head, Cartography Office, JHD
- Mr. Toshio Nagai, Head, Int'l Cooperation Office, JHD and the other JHD staff concerned.



Participants of East Asia Seminar on ENC Technology, 15 November 1994

The seminar was opened with the welcome address made by Mr. M. Shiozaki, Chief Hydrographer, JHD. Mr. A. J. Kerr, Director of IHB, then made a keynote speech, introducing and discussing international situation of ECDIS database development, and concluding with remarks *"It will be necessary during the next one or two years for the IHO Member States to either greatly increase their own capabilities to produce S-57 data or to find some way in which data can be developed by government industry partnerships, and if they fail to follow either of these approaches it seems most likely that industry will move by itself to provide vector data and much of the hard work carried out by the IHO Member States to develop the S-57 standard will be lost."*

The country report on the present status and future plan of chart digitization and ENC production was also made by Cmdr. Mohd Rasip, Mr. R. S. Capistrano, Capt. Narong, and Mr. T. Tatsuno and others. Dr. Ganeko presented and dis-

cussed about development of ENCs in the East Asian region. In conclusion of the seminar it was stressed and recognized that ENC should not be prepared by each country separately and individually, and training of technical personnel as well as mutual understanding should further be promoted in the region.

A technical tour was conducted for the participants of the seminar. They were guided to the ENC production system in JHD on 15 November and an ECDIS manufacture TOKIMEC Inc. on 16 November. They then shifted from Tokyo to Osaka and visited an ECS manufacturer Furuno Electric Co., Ltd., and a jetfoilship equipped with an ERC system, plying between Kobe City Air Terminal and Kansai New International Airport, on 17 November 1994.

The second seminar in the series is scheduled to be held also in Tokyo late in 1995.



From left: Cmdr. Rasip, Mr. Kerr, Mr. Tatsuno and Capt. Narong in the cockpit of the jetfoilship



ERC system in the cockpit of the jetfoilship



Cockpit of the jetfoilship equipped with ERC system