

## **ENC Tech Seminar held at JANHIDROS, Indonesia**

An ENC Technical Seminar was held, with a good reputation, at the Indonesian Hydro-Oceanographic Office (JANHIDROS), Jakarta, from 25 to 28 March this year. The seminar was jointly organized, based on the mutual consent, by the Chief Hydrographers of Indonesia and Singapore and the President of the Japan Hydrographic Association (JHA), and JANHIDROS kindly hosted and made various arrangements for holding the seminar, which made it a big success.

The seminar was opened at the Auditorium of JANHIDROS at 09:30 on 25 March with the welcome address and the opening remarks delivered by Rear Admiral Willem Rampangilei, Chief Hydrographer of Indonesia and Mr. Osamu OWADA, President of JHA, respectively.

The seminar was aimed at training instructors or trainers who are key persons and currently engaged in production and updating of ENC in EAHC member hydrographic offices, particularly focused on the subjects of “Quality Assurance (QA) of ENC Database” and “ENC Updating”, which were lectured by Ms. Siti Marshitah, Hydrographic Department, MPA of Singapore, and “ENC Data Protection Scheme” by Dr. Yoshio KUBO, Advisor of JHA, as well as “ENC Production” by Capt. Rusdi Ridwan and Cdr. Samiyono, JANHIDROS, respectively, followed by practical training using PCs and software.

The seminar was well attended by participants from Indonesia, Japan, Malaysia, the Philippines and Thailand. The seminar also provided a good opportunity among the participants and lecturers to share experiences in production of ENC and exchange views on various matters of mutual interest. On the final day of the seminar, a question and answer session was provided, which was followed by the closing ceremony.

The lecturers and participants of the seminar were as follows:

### **Lecturers of the seminar:**

Indonesia      Capt. Rusdi Ridwan, Jawatan Hidro-Oseanografi

Cdr. Samiyono, Jawatan Hidro-Oseanografi  
Japan Dr. Yoshio Kubo, Advisor, Japan Hydrographic Association (JHA)  
Singapore Ms. Siti Marshitah, Hydrographic Department, MPA

**Participants of the seminar:**

Indonesia Cdr. Endra Sulistiyono  
Lt. Cdr. Agus Sutriyanto  
Lt. Cdr. M. Yazid  
Lt. Jatiar Sinaga  
Lt. Imam Bachrodin  
Japan Mr. Shimpei Fukuoka, Electronic Chart Division, JHA  
Malaysia Lt. Cdr. Azhan Abdul Mutalib, National Hydrographic Centre, RMN  
Philippines Mr. Arvin P. Mentrillo, Coast & Geodetic Survey Department,  
NAMRIA  
Thailand Lt. Jg. Pairat Pikulthong, Hydrographic Department, RTN

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Participants of the seminar and Ms. Siti Marshitah, Lecturer of the seminar (center)



From left: Mr. Osamu Owada, President of the Japan Hydrographic Association, and Rear Admiral Willem Rampangilei, Chief Hydrographer, Indonesia



Closing of the seminar, 28 March