

1. "Significance of international qualification of hydrographic surveyors viewed from IHO, and some related experiences in Canada" by **Mr. Adam J. Kerr**, Director, IHB, and Chairman, FIG/IHO International Advisory Board.
2. "Hydrographic survey activities in Korea, present and future" by **Mr. Suk Woo Lee**, President, Korea Ocean Science & Engineering Corporation, Korea.
3. "Marine industry and international qualification of hydrographic surveyors" by **Mr. Roger Lott**, Senior Surveyor, BP Development Limited.
4. "Hydrography in college education, in relation to geodesy and other scientific fields" by **Dr. Ing. Sjamsir Mira**, Professor, Bandung Institute of Technology, Indonesia.
5. "Qualification systems of hydrographic surveyors in the United Kingdom" by **Mr. P. G. Odling-Smee**, FRICS, Institute of Marine Studies, Plymouth Polytechnic, United Kingdom.
6. "Hydrographic survey training in India" by **Commander D. Sengupta**, Staff Officer, Hydrographic Department, India.

#### VISITS

As part of the invitation plan of the Japan Transport Consultants Association (JTCA), **Mr. Seah Kok Siang**, Deputy Director General, Department of Survey and Mapping, Ministry of Land and Regional Development, Malaysia, visited Japan in November 1987. He called at the Hydrographic Department of Japan on 11 November, and visited various facilities of the Department as well as the Survey Vessel TENYO.

**Captain Wilson N. F. Chua**, Hydrographer, Port of Singapore Authority, called on Dr. Sato, Chief Hydrographer of Japan, on 30 January 1988, and exchanged views on mutual interest, and visited the computer mapping facilities of the Department. His visit was arranged by JTCA.

**Mr. Jose G. Solis**, Administrator, National Mapping and Resources Information Authority (NAMRIA), Philippines, visited the Hydrographic Department of Japan on 10 February 1988, discussed with Dr. Sato, Chief Hydrographer, on the possible technical cooperation programmes between the two countries. He also paid a visit to Survey Vessel TAKUYO. His visit was arranged by the Overseas Shipbuilding Cooperation Center (OSCC).

On 7 September 1988, **Captain Manuel M. Calibo**, Assistant Director, Survey Department of NAMRIA, Philippines, visited the Hydrographic Department of Japan to make a courtesy call on Dr. Sato, Chief Hydrographer and visited various divisions of the Department as well as the Survey Vessel TENYO. His visit was arranged by JTCA.

**Captain S. Kapur**, Military, Naval and Air Attache of the Embassy of India, Tokyo, made a courtesy call on Dr. Sato, Chief Hydrographer and visited cartographic section of the Hydrographic Department, on 9 September 1988.

#### **NEW HYDROGRAPHIC SURVEY VESSEL OF KOREA**

A new hydrographic survey ship named '**PUSAN 806**' of the Office of Hydrographic Affairs, Korea, was commissioned on 22 December 1987. Her principal particulars and main equipment are as follows:

| <Principal particulars> |                  | <Main equipment>   |                |
|-------------------------|------------------|--------------------|----------------|
| Hull                    | : FRP            | Radar              | : GS-985       |
| Length overall          | : 19.40 m        | Echo Sounder       | : PS-20R       |
| Breadth                 | : 4.40 m         | Navigation         | : Gyro compass |
| Depth                   | : 1.85 m         | Communications     | : SSB, MTS     |
| Gross tonnage           | : 22 tons        | Positioning system | : Trisponder   |
| Main engine             | : 190Hp x 2 sets |                    |                |
| Generator               | : 44Kw x 1 set   |                    |                |
| Speed                   | : 12 knots       |                    |                |
| Cruising range          | : 450 miles      |                    |                |
| Crew                    | : 4              |                    |                |