

the Hydrographic Department of Japan for about six months from May to November 1985. The following ten participants from eight countries participated in the course:

- Mr. Awg-Simual bin Ibrahim, Survey Department, Brunei.
- Mr. Hla Ngwe, Central Naval Hydrographic Depot, Burma.
- Mr. Wagdy Zaky Garas, Suez Canal Authority, Egypt.
- Mr. Mochamad Mukidin, Naval Hydro-Oceanographic Office, Indonesia.
- Mr. Abdul Wahab B. Naina Mohamed, KD KELEWANG, MOD, Malaysia.
- Mr. Sahari bin Abd Aziz, KD SRI JOHOR, MOD, Malaysia.
- Mr. Rafael Grimaldo Cespedes, Autoridad Portuaria Nacional, Panama.
- Mr. Romeo Isidre Ho, Bureau of Coast and Geodetic Survey, Philippines.
- Mr. Wilfredo Suaverdez, Bureau of Coast and Geodetic Survey, Philippines.
- Mr. L.R.S. De Silva, Sri Lanka Ports Authority, Sri Lanka.

After lectures on geodesy, map projection, control point survey, electronic surveying, echo sounding, etc. in the classroom, they participated in the field training of harbour and coastal surveys using 10m-type and 15m-type Survey Vessels in Wakayama Port for one month from July to August as well as in the practical training of offshore hydrographic survey on board Survey Vessel SHOYO in the training areas established off Shiogama for about one week in October 1985.

#### **Group Training Course in Physical Oceanographic Survey, 1985**

The Group Training Course in Physical Oceanographic Survey for 1985 is now taking place at Hydrographic Department of Japan from 11 November 1985 to 13 March 1986.

The following eight participants from eight countries are participating in the course:

Mr. Luiz V. Nonato, Instituto Oceanografico da Universidad  
de São Paulo, Brazil.

Mr. Alvaro C. Pacheco, Universidad del Norte, Chile.

Mr. Guo-Zhi Li, National Bureau of Oceanography, China.

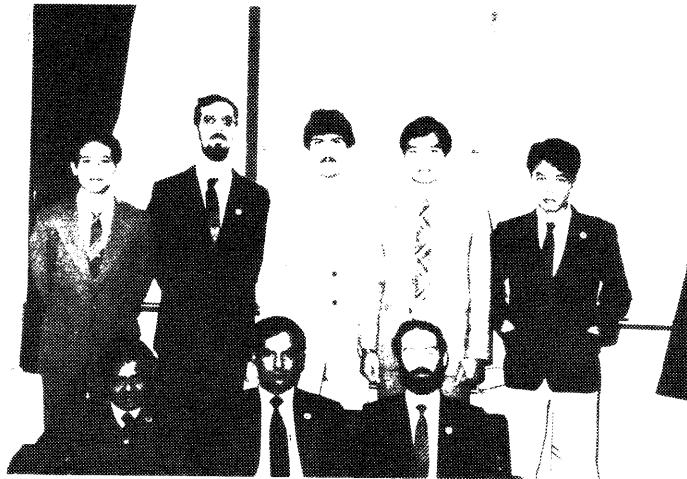
Mr. Ismael Garate, Centro de Investigaciones Biologicas A.C.,  
Mexico.

Mr. S.M. Abbas, Hydrographic Department, Pakistan Navy.

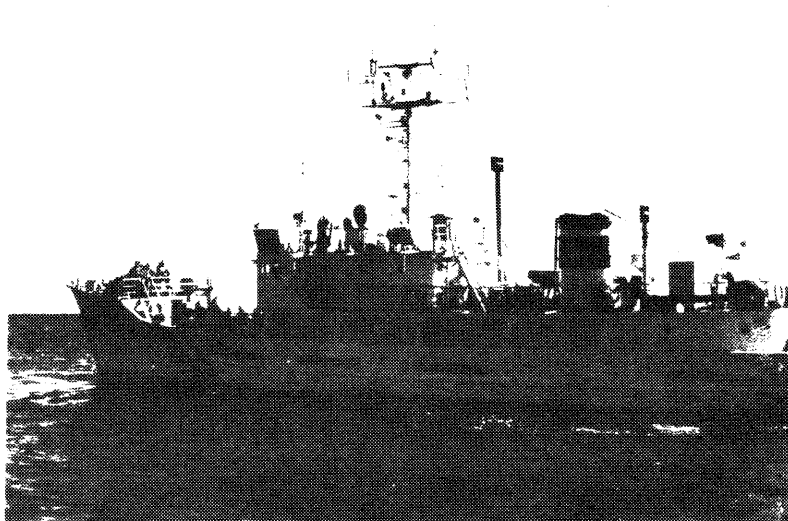
Mr. Rowen F. Baltazar, Bureau of Coast & Geodetic Survey,  
Philippines.

Mr. S. R. Amaratunga, National Aquatic Resources Agency,  
Sri Lanka.

Mr. Somchai Bussarawit, Department of Fisheries, Thailand.



Participants of Physical Oceanographic Survey Course, 1985



Practical training of tidal current observation

The training programme includes lectures on offshore oceanography, wind waves, chemistry of sea water, oceanographic data management, computer programming, tides and tidal currents, etc. as well as practical training in oceanographic observation on board Survey Vessel SHOYO and tide and tidal current observation using Survey Vessel KAIYO.

### **Group Training Courses in 1986**

The Group Training Courses in Hydrographic Survey and in Physical Oceanographic Survey will be conducted at the Hydrographic Department during fiscal 1986 as follows:

- Hydrographic Survey Course: From 1 May to 6 November 1986. The number of participants acceptable will be ten. Application should be made not later than 22 March 1986.

- Physical Oceanographic Survey Course: From 4 November 1986 to 12 March 1987. The number of participants will be eight.

### **Group Training Courses Follow-Up Mission**

A follow-up mission of the Group Training Courses in Hydrographic Survey and in Physical Oceanographic Survey conducted at Hydrographic Department of Japan was sent to Bangladesh, Indonesia, and Malaysia in October-November 1985.

The mission was composed of Mr. Katsumi HASUIKE (Senior Coastal Survey Officer of Coastal Surveys and Cartography Division), Mr. Akira NAKANISHI (Senior Ocean Survey Officer of Ocean Surveys Division) and Mr. Mamoru UEDA (International Cooperation Office) of Hydrographic Department of Japan and Miss Yoshiko TAKAOKA (Training Affairs Division) of Japan International Cooperation Agency (JICA).

The mission members visited the following organizations to see ex-participants of the training courses and those concerned in order to exchange views on the group training courses currently conducted at Hydrographic Department of Japan: