

2ND SEMINAR ON MODERN HYDROGRAPHIC SURVEY TECHNOLOGY IN TOKYO



The Seminar held at Conference Hall of Hydrographic Department

The Seminar was held at Hydrographic Department of Japan on July 1999 for second year running.

Background and Objectives of the Seminar

Due to the improvement in the size and speed of vessels and popularization in recent years of GPS and electronic navigational charts(ENC), it has become essential to complete nautical charts, based on hydrographic survey data, with an even greater accuracy in order to ensure the safety of navigation.

Towards achieving this goal, there has been a remarkable development in modern hydrographic survey technology in such areas as GPS positioning and multi-beam echo sounding.

Furthermore, the International Hydrographic Organization(IHO) recommends the "Standards for Hydrographic Surveyors" as a means to universally standardize the accuracy of hydrographic surveying practices conducted by each country. The IHO also organizes the "Standards of Competence for Hydrographic Surveyors" in collaboration with the Federation International des Geometres(FIG), in order to establish a world standard for the competence of hydrographic surveyors.

Meanwhile, nautical charts based on old data are still in use in some parts of East Asia. The necessity for completing more accurate nautical charts, in conformity with the new international standards, using the modern technology available today has been pointed out in international communities such as the IHO and notably, at the United Nations Regional Cartographic Conference.

Therefore, the Seminar on Modern Hydrographic Survey Technology is being organized to better understanding of the state of hydrographic surveying. Topics to be discussed include the various aspects of surveying practices; such as the training of internationally accredited hydrographic surveyors, the improvement in the accuracy of nautical charts and the introduction of the modern technology available. In this way, we can better contribute to ensure the safety of navigation in the East Asian region.

Dates of the Seminar

14 - 15 July 1999

Location of the Seminar

Conference Hall (7th Floor)
Hydrographic Department, Maritime Safety Agency (JMSA)