

TERRITORIAL SEA BASELINES RESEARCH OFFICE NEWLY ESTABLISHED IN J.H.D.

In the Coastal Surveys and Cartography Division of the Hydrographic Department of Japan, a new office named "Territorial Sea Baselines Research Office" was newly established and open as of 11 April 1992.

In order to cope with the recent movement with the UN Convention on the Law of the Sea, the establishment of the new Office was officially approved by the government authorities concerned. The Office is responsible for conducting study and research on the baselines of the territorial waters,

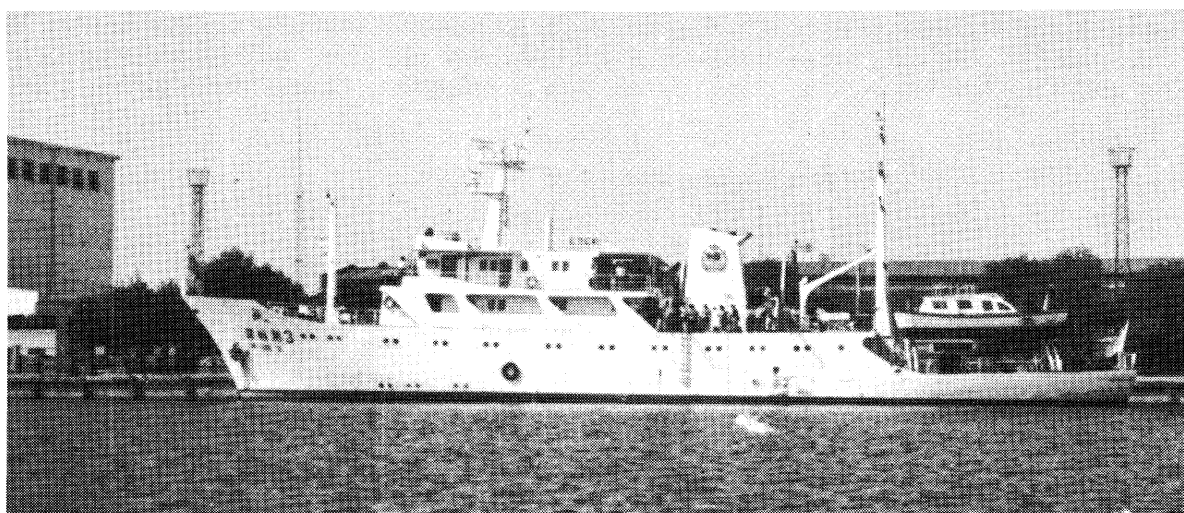
delimitation and delineation of the territorial waters and other pertaining limits, as well as preparation and management of data, charts and other necessary materials.

Mr. Kunio YASHIMA, the former Head of the Marine Research Laboratory of the Department, was appointed as Head of the Territorial Sea Baselines Research Office, which is composed of five staff members specialized in marine surveys and cartography.

NEW SURVEY VESSELS OF MARITIME SAFETY ADMINISTRATION P.R. OF CHINA

Two new hydrographic surveying vessels, "*Jin Hang Ce 3*" and "*Hang Ce 101*" built by the Ministry of Communications, People's Republic of China, were launched separately in June and October 1990. They were allocated to Tianjin and Shanghai Maritime

Safety Administration, respectively, to engage in the hydrographic survey of ports, channels and anchorages along the coast, the sweeping survey and the mother vessels for the work of divers as well.



Hydrographic Survey Vessel "*Jin Hang Ce 3*"

Both the vessels are steel structure, long forecastle, machinery amidships with double engines, twin propellers and rudders. Main engines are MAN 8L 10/27 × 2 which can be remote-operated in the bridge. The principal characteristics are as follows:

Overall length	55.5 m	Molded breadth	10.0 m
Waterline length	51.0 m	Molded depth	4.6 m
Length between posts	48.85 m	Draught	3.4 m
		Displacement	878.7 tons
		Main engines	1027 h.p. × 2
		Speed	14.5 knots
		Endurance	3000 n.m.
		Restrain oneself	30 days
		Crew	38

Apart from the communication and navigation equipment, the survey equipment on board are as follows:

"Jin Hang Ce 3"

Electronic positioning system
(DEL NORTE TRISPONDER 542)
GPS Receiver M-12 × 2
Echo sounder IT-440 and 4-beam echo sounder
Side scan sonar EG&G 260
Computer data acquisition system IBM-386

"Hang Ce 101"

Electronic positioning system
(MOTOROLA FALCON IV)
Polar Fixing system and EPF Hyper-Fix receiver
Echo sounder DESO-20 and EA-200
Hydrographic data acquisition system

Moreover, each vessel has two 8-meter glass fibre reinforced plastic (FRP) boats for lifesaving and work as well as special equipment for sweeping, diving and so on. They can also be used to sweep for the depth exceed 60 meters and to dive for the depth within 60 meters.

JAPAN-KOREA HYDROGRAPHIC TECHNICAL MEETING HELD IN PUSAN, KOREA

The 3rd Japan-Korea joint Hydrographic Technical Meeting was held at the Pusan Branch, the Office of Hydrographic Affairs, in Pusan, Republic of Korea, from 6 to 8 November 1991.

The meeting was attended by Mr. CHO, Se-Yun, Director, Maritime Safety Division, Mr. SONG, Cheol-Ho, Chief of Pusan Branch, and the other 5 staff members of the Office of Hydrographic Affairs, Republic of Korea, as well as Mr. Yasuhiko KIMURA, Deputy Director General, and Mr. Yuko YANO, Head of International Cooperation Office, and 3 other staff members from the Hydrographic Department of Japan. The meeting was opened by Mr. Cho, who delivered his welcome address and served as the chairman of the meeting, and this was followed by the speech of Mr. Kimura.



Mr. Kimura (left) and Mr. Cho
3rd Japan-Korea
Hydrographic Technical Meeting
Pusan Branch, ROKOHA, 6-8 November 1991

At the beginning of the first session, a presentation of a research result on "The Tsushima Current and the Meteorological Disturbance" was given by Mr. Yano and discussed the impact of possible changes in sea-level in coastal areas in the Japan Sea due to meteorological factors.

During the meeting, exchange of views and information as well as discussion were lively and

friendly made on various subjects and mutual interesting matters, including the medium and large scale INT charts, mutual exchange of ocean current data, technical training, and the geodetic reference system for cartographic work.

A new project proposal on study of geodetic reference systems for cartographic work was introduced at the meeting and then adopted by the