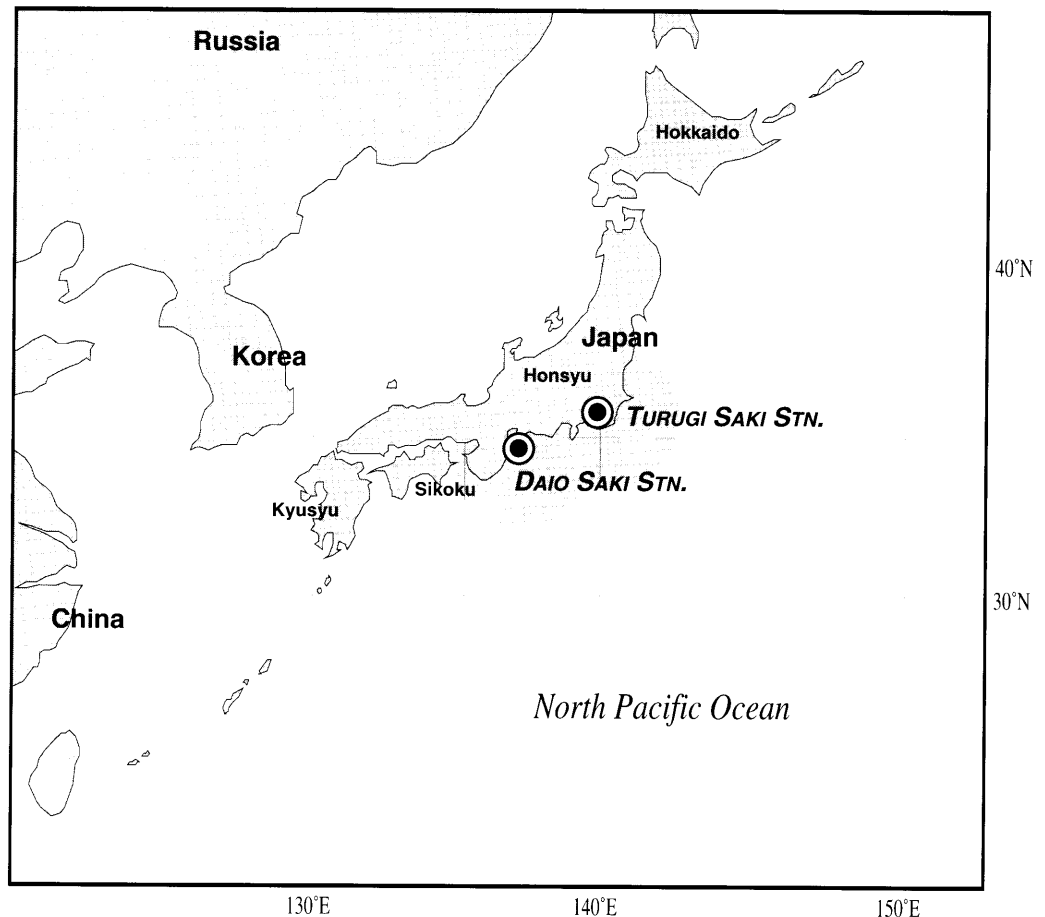


DGPS Service to start in Japan

The Maritime Safety Agency of Japan (JMSA) has established two Differential GPS reference stations at Turugi Saki and Daio Saki, as shown on the map at right, and these two stations will be operational from the end of March 1997.

With full operations of these two DGPS stations, the ship's positioning can be made by DGPS with the positioning accuracy of less than 10 meters within the area 200 km from the station, respectively.

JMSA is now planning to extend the DGPS service to cover areas in Seto Inland Sea, off Sikoku, and northern part of Kyusyu in Japanese Fiscal Year 1997.



JHD expert in chart digitization dispatched to NAMRIA, Philippines



Mr. K. Shimizu, working at CGSD/NAMRIA, Philippines

Mr. Keiji Shimizu, Senior Cartography Officer of the Hydrographic Department of Japan was sent to the Coast and Geodetic Survey Department (CGSD), National Mapping and Resource Information Authority (NAMRIA), Philippines, for two years from 3 February 1997.

In response to the request made by the Government of the Philippines, Mr. Shimizu, who had been engaged in ENC compilation and production in JHD, was nominated and dispatched to CGSD/NAMRIA as a long-term expert under the expert dispatch scheme of the Japan International Cooperation Agency (JICA). He is responsible for the transfer of technology in preparation of digital chart data to be used for production of Electronic Navigational Chart (ENC) in the Philippines.