

BASIS Contributions by the Research Vessel *Kaiyo maru*

Japan has carried out a long-term monitor program on summer salmon stocks and habitat environments in the central Bering Sea using research gillnets since 1992. To follow up the monitor program, the RV *Kaiyo maru* (2,630 gross tonnes), belonging to the Fisheries Agency of Japan, conducted intensive BASIS surveys with a trawl net in the Bering Sea basin and the adjacent North Pacific Ocean during June-September 2002, June-September 2003, and June-July 2004. Many overseas scientists were invited on board for the cooperative BASIS program. The R/V *Kaiyo maru* was also closely operated with the R/V *Wakatake maru* in order to calibrate the catch efficiencies of trawl net and drift gillnets. Data obtained by the *Kaiyo maru* included hydrographic information, nutrient, chlorophyll, zooplankton, salmon abundance, and genetic stock identification of salmon. These data highly contributed to the BASIS program of participating countries.

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