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**Proposed Cruise Plans of Japanese Research Vessels for
Salmon in the North Pacific Ocean
in 2001/2002 fiscal year**

by

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Six Japanese salmon research vessels are tentatively scheduled to conduct the following scientific research in the western North Pacific, Bering Sea, Gulf of Alaska, and Okotsk Sea, in 2001/2002 fiscal year (Table 1). In case of gillnet operation, gillnets less than 2.5 km in length at sea will be used.

- (1) The *Hokusei maru* will conduct three cruises for oceanographic observations and research with gillnets to obtain data on the distribution and ecology of salmon and other pelagic fishes in the western North Pacific Ocean from June to August (Fig. 1).
- (2) The *Oshoro maru* will conduct research with gillnets, longlines, hook-and-line and small trawl to obtain data on the distribution and ecology of salmon and other pelagic fishes in the North Pacific, Bering Sea, and Gulf of Alaska from early June to mid-August (Fig. 2).
- (3) The *Wakatake maru* will conduct research with gillnets and longlines to obtain data on the distribution and stock abundance of salmon along 180°00' longitude in the North Pacific and Bering Sea from early June to late July (Fig. 3).
- (4) The *Torishima* will conduct research with pelagic trawls to obtain information on the distribution and stock abundance of Asian chum and pink salmon in the Okhotsk Sea and the western North Pacific in October (Fig. 4).
- (5) The *Kaiyo maru* will conduct research with pelagic trawls to observe the response of salmon diet to iron fertilization in the western North Pacific from late June to early August (Fig. 5).
- (6) The *Kaiun maru* research with gillnets to obtain data on the distribution and ecology of neon flying squid, salmon and other pelagic fishes in the central North Pacific Ocean from June to August (Fig. 6).

Table 1. Proposed cruise plan of Japanese research vessels for salmon in the North Pacific in 2001/2002 fiscal year

Vessel	Period	Survey area	Research objects	Gear equipped
<i>Hokusei maru</i>	Jun 1 - Jun 15	Western North Pacific	Fish community	Gillnets
	Jun 20 - Jul 4	Western North Pacific	Fish community	Gillnets
	Jul 9 - Jul 23	Western North Pacific	Fish community	Gillnets
<i>Oshoro maru</i>	Jun 4 - Aug 17	Central North Pacific Bering Sea Gulf of Alaska	Fish community	Gillnets, longlines, hook-and-lines and trawl
<i>Wakatake maru</i>	Jun 7 - Jul 23	Central North Pacific Bering Sea	Stock assessment	Gillnets and longlines
<i>Torishima</i>	Oct 13 - Oct 31	Okhotsk Sea Western North Pacific	Stock assessment	Pelagic trawl
<i>Kaiyo maru</i>	Jun 28 - Aug 6	Western North Pacific	Ocean ecosystem	Pelagic trawl
<i>Kaiun maru</i>	June 26 - August 2	Central North Pacific	Stock assessment	Gillnets

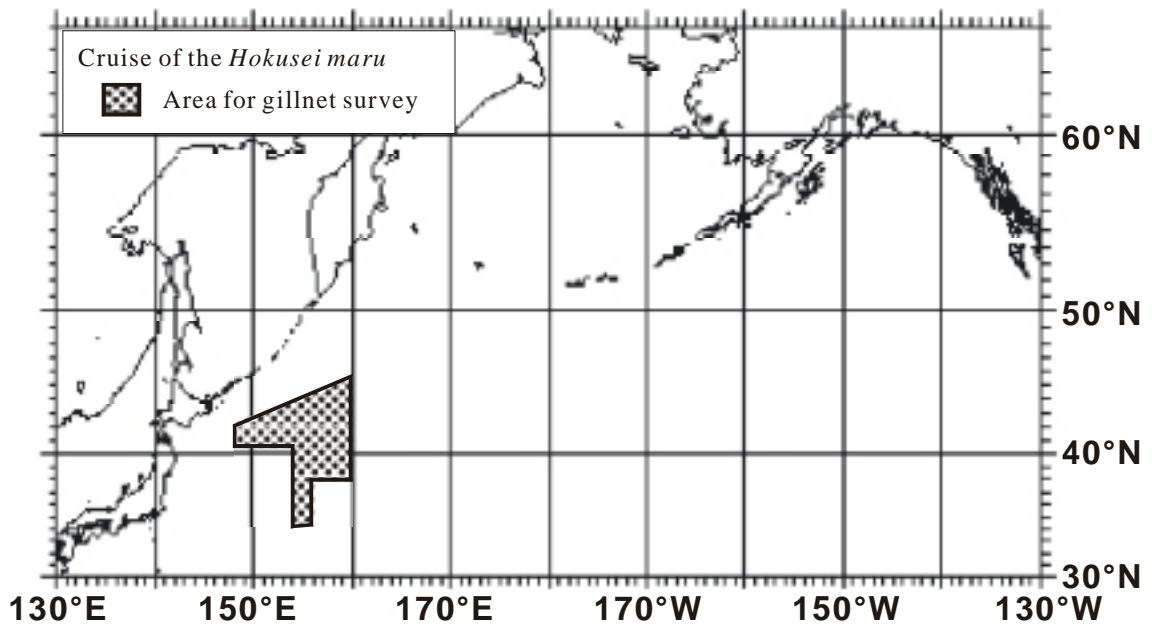


Fig. 1. Cruise of the *Hokusei maru*. 1st cruise: June 1 (Hakodate) - June 15 (Hakodate), 2nd cruise: June 20 (Hakodate) - July 4 (Hakodate), 3rd cruise: July 9 (Hakodate) - July 23 (Hakodate).

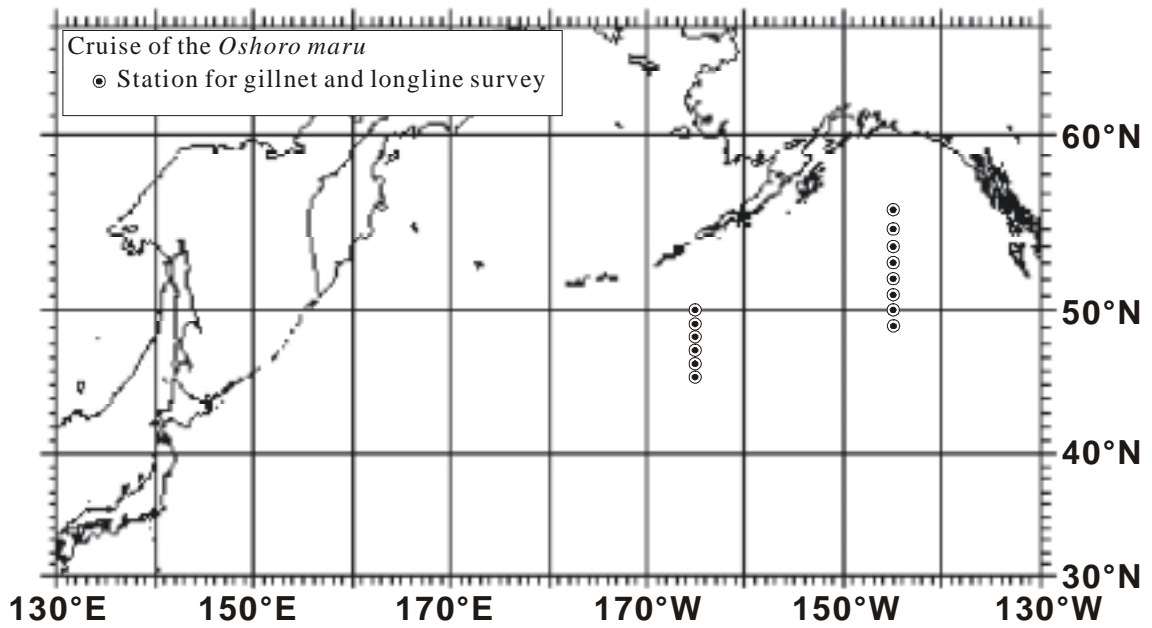


Fig. 2. Cruise of the *Oshoro maru*. June 4 (Hakodate) - Aug. 17 (Hakodate).

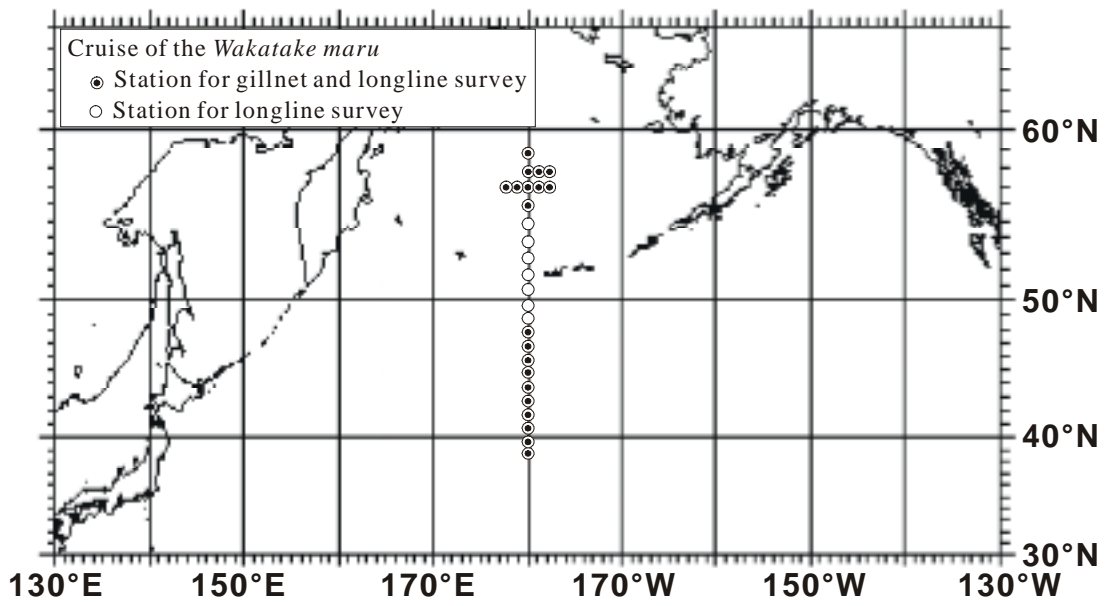


Fig. 3. Cruise of the *Wakatake maru*. June 7 (Hakodate) - July 23 (Hakodate).

Fig. Sampling stations

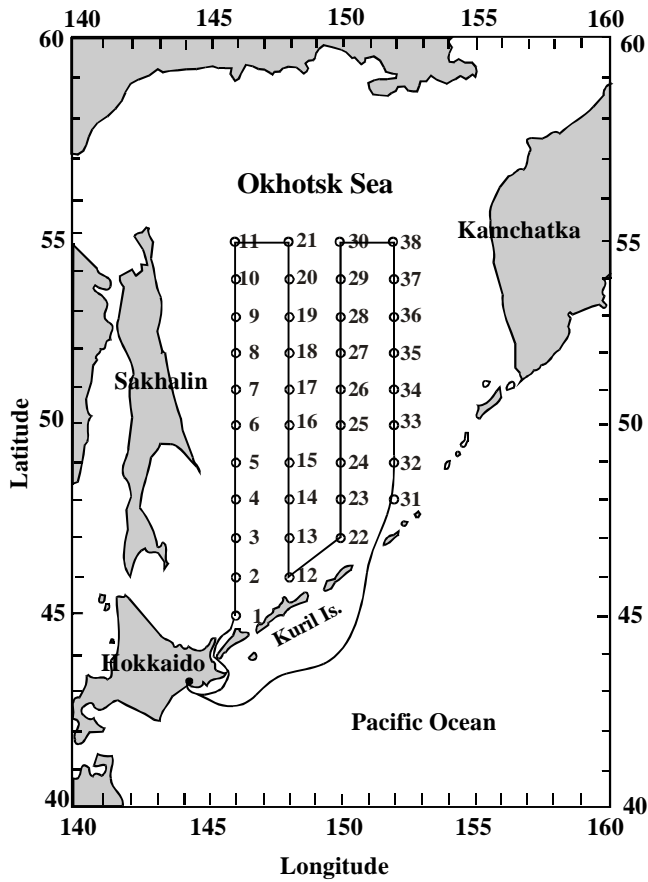


Fig. 4. Cruise of the *Torishima*. October 13 (Kushiro) – October 31 (Kushiro).

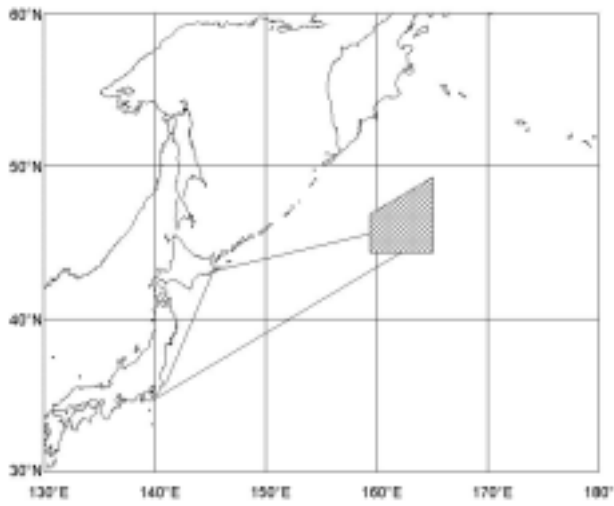


Fig. 5. Cruise of the *Kaiyo maru*. June 28 (Tokyo) – August 6 (Tokyo).

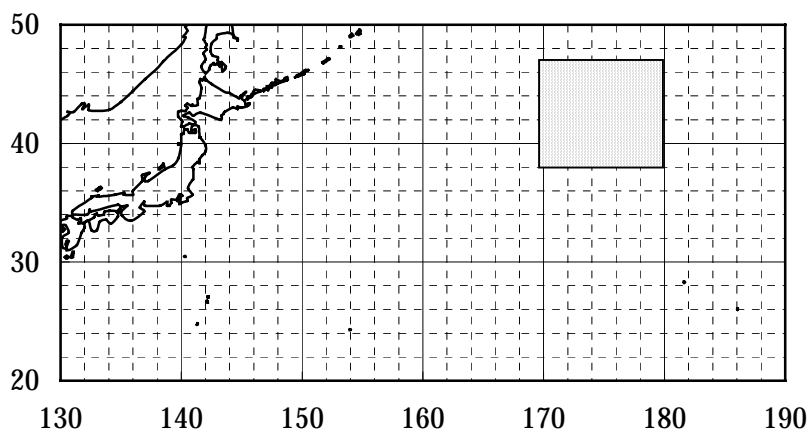


Fig. 5. Cruise of the *Kaiun maru*. June 26 (Hachinohe) – August 2 (Hachinohe).