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**Proposed Cruise Plans of Japanese Research Vessels for Salmon
in the North Pacific Ocean in 2010**

by

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Three Japanese salmon research vessels have been tentatively scheduled to conduct the following scientific research in the North Pacific and Bering Sea in 2010 (Table 1). In case of gillnet operation, gillnets less than 2.5 km in length at sea will be used.

- (1) The *Oshoro maru* will conduct research with gillnets, longline, hook-and-line and surface/bottom trawl to obtain data on the distribution and ecology of salmon and other pelagic fishes in the western North Pacific in May, and in the western and central North Pacific, and Bering Sea from June to July (Figs. 1, 2).
- (2) The *Wakatake maru* will conduct research with gillnets and longlines to obtain data on the distribution and abundance of salmon along 180° longitude in the central North Pacific and Bering Sea from early June to late July (Fig. 3).
- (3) The *Kaiun maru* will conduct research with gillnets to obtain data on the distribution and ecology of neon flying squid, salmon and other pelagic fishes in the western and central North Pacific Ocean from July to August.

Table 1. Proposed cruise plan of Japanese research vessels for salmon in the North Pacific in 2010

Vessel	Period	Survey area	Research objects	Gear equipped
<i>Oshoro maru</i>	May 9 - May 21	Western North Pacific	Fish community	Gillnets, hook-and-line
	June 2 - July 31	North Pacific, Bering Sea	Fish community	Gillnets, longline, hook-and-line, surface/bottom trawl
<i>Wakatake maru</i>	June 10 - July 20	Central North Pacific, Bering Sea	Stock assessment	Gillnets and longline
<i>Kaiun maru</i>	July 2 - August 10	Central and western North Pacific	Stock assessment of neon flying squid	Gillnets

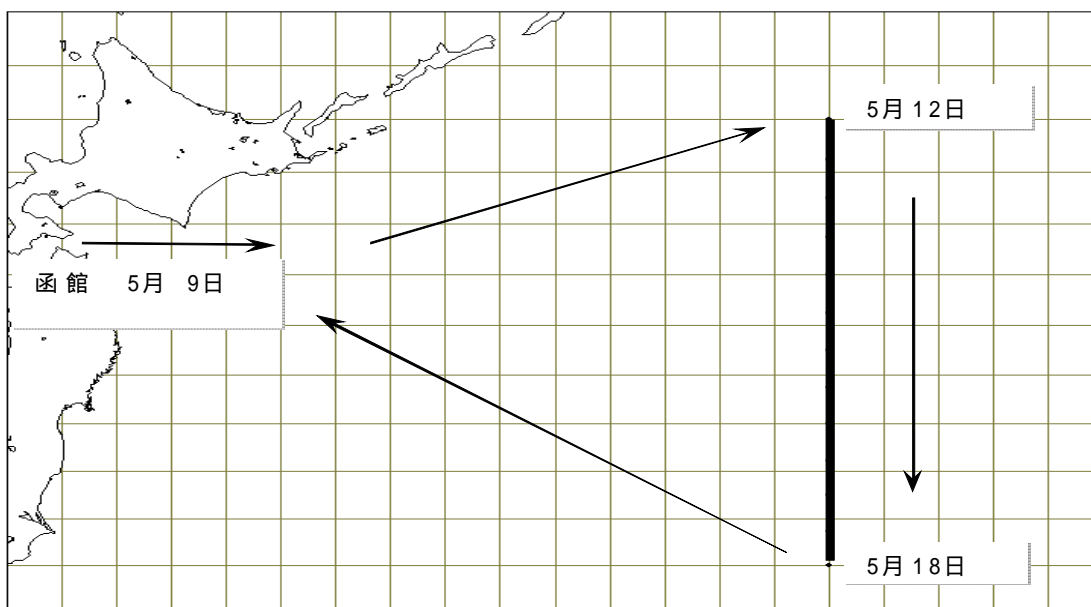


Fig. 1. Cruise plan of the *Oshoro maru* in the western North Pacific (excluding Russian 200NMZ). May 9 (Hakodate) – May 21 (Hakodate).

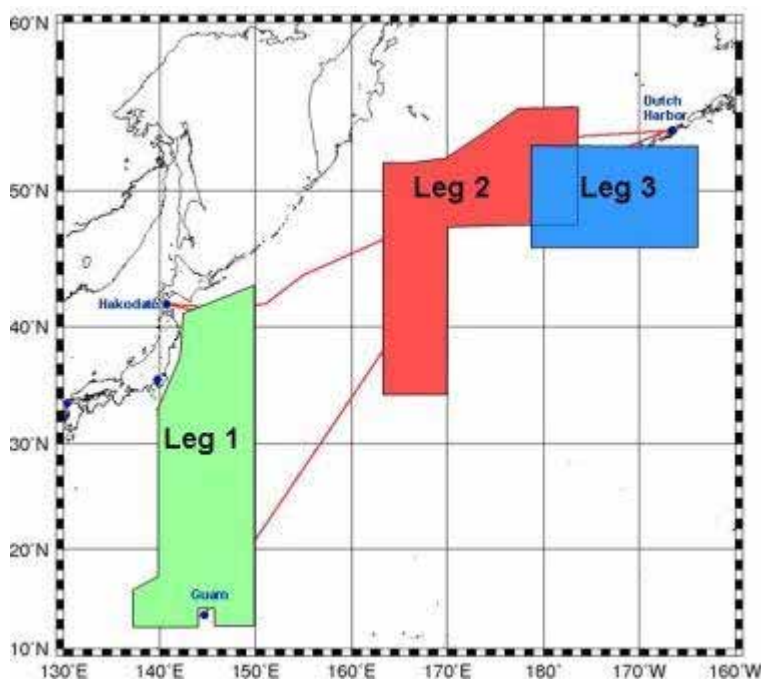


Fig. 2. Cruise plan of the *Oshoro maru* (excluding Russian 200NMZ in the 1st-3rd legs, US 12 NMZ in the 1st leg, and US 3 NMZ in the 2nd and 3rd legs), June 2 (Hakodate) – July 31 (Hakodate) .

Trawl fishings are planned during the 1st leg, salmon gillnet, longline, and hook-and-line fishings are planned during the 2nd leg, and salmon longline and hook-and-line fishings are planned during the 3rd leg .

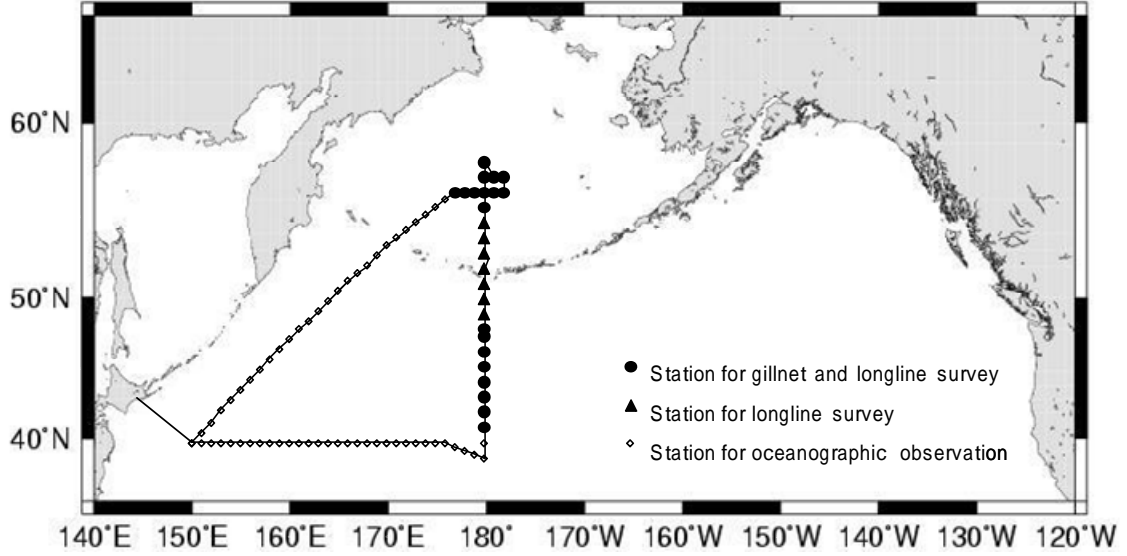


Fig. 3 Survey stations of the *Wakatake maru*, June 10 (Kushiro) - July 20 (Kushiro).

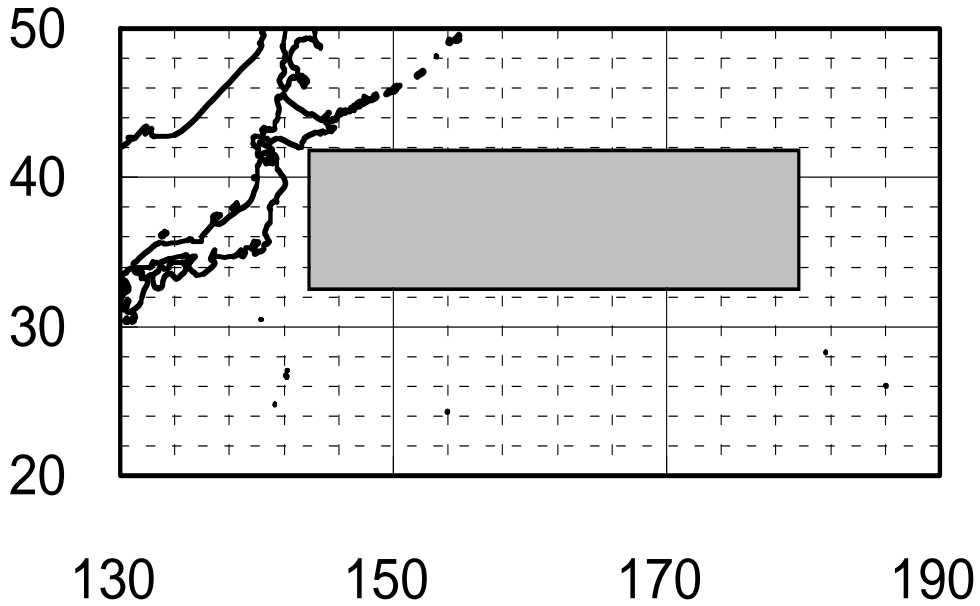


Fig. 4. Survey area of the *Kaiun maru* research cruise (excluding Russian 200NMZ). July 2 (Hachinohe) – August 10 (Hachinohe).

Appendix Table 2. List of Salmon Research Vessels Scheduled for 2010 by Japanese Party

Party	Vessel's name	Call sign	Gear equipped	Other available information
Hokkaido University	Oshoro maru	JDVA	Gillnet, lonline, hook-and-line	INMARSAT telephone: +872-3431-025-10, Length: 72.85 m, Gross tonnage: 1,779
FRA Kushiro	Wakatake maru	JLOV	Gillnet, longline	INMARSAT telephone: +872-3431-919-10, Length: 64.00 m, Gross tonnage: 666
FRA Shimizu	Kaiun maru	JRFC	Gillnet	INMARSAT telephone: +872-6431-610-10, Length: 45.50 m, Gross tonnage: 208