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**Proposed Cruise Plans of Japanese Research Vessels for
Salmon in the North Pacific Ocean in 1995/96 Fiscal Year**

by

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by

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Fisheries Agency of Japan. 1995. Proposed cruise plans of Japanese research vessels for salmon in the North Pacific Ocean in 1995/96 fiscal year. (NPAFC Doc. 79 Rev.1). Fisheries Agency of Japan, Tokyo 100, Japan. 9 p.

Six Japanese salmon research vessels are tentatively scheduled to conduct the following scientific research in the Sea of Okhotsk, western North Pacific, Bering Sea, and Gulf of Alaska in 1995/96 fiscal year (Table 1). In case of gillnet operation, gillnets less than 2.5km in length at sea will be used.

1) The *Hokko maru* will conduct research with gillnets and to obtain information on the distribution and stock abundance of Asian sockeye, chum, and pink salmon at the stations along 165° E longitude in July (Fig. 1).

2) The *Wakashio maru* will conduct research with small mesh-sized gillnets to obtain data on the distribution and ecology of Japanese origin chum salmon and Sakhalin origin pink salmon juveniles around the Kuril Islands in the Sea of Okhotsk and western North Pacific from mid-July 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 179° 30'W longitude in the North Pacific and Bering Sea from early June to late July (Fig. 3).

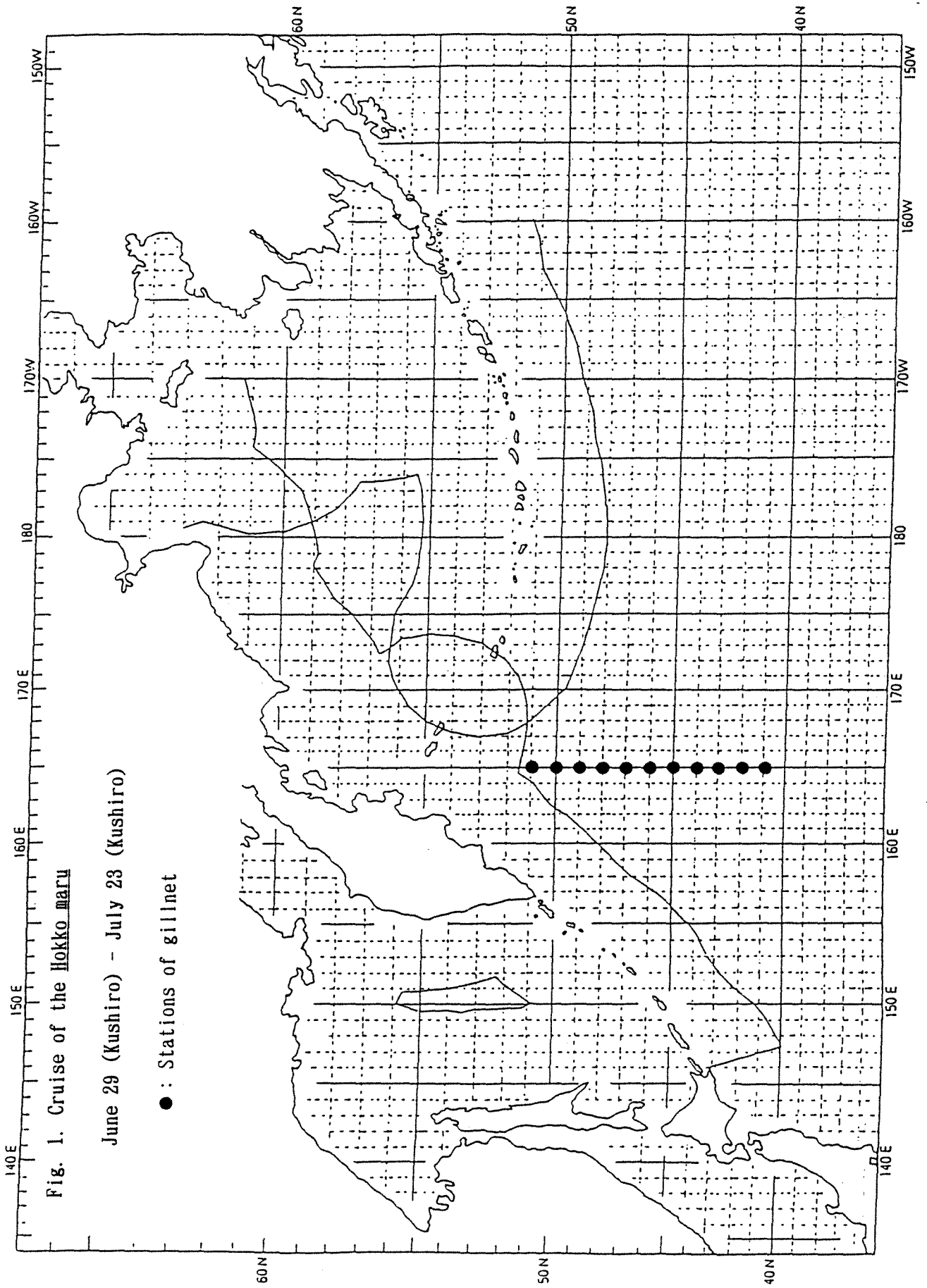
4) The *Oshoro maru* will conduct research with gillnets, longlines, and small trawl to obtain data on the distribution and ecology of salmon and other pelagic fishes in the North Pacific, Bering Sea, and Gulf of Alaska from early June to mid-August (Fig. 4). The *Oshoro maru* will also conduct a cruise 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 in November (Fig. 5).

5) 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. 6).

6) The *Kaiyo maru* will conduct trans-Pacific salmonid survey with surface trawl to obtain data on the distribution and ecology of salmon in January, 1996 (Fig. 7).

Table 1. Proposed cruise plan of Japanese research vessels for salmon in the North Pacific in 1995/96 fiscal year.


Vessel	Period	Survey area	Research objects	Gear equipped	Figure
<u>Hokko maru</u>	June 29 - July 23	Western North Pacific	Stocks abundance	Gillnets	1
<u>Wakashio maru</u>	July 10 - Aug. 10	Around Kuril Islands Western North Pacific Sea of Okhotsk	Migrating juveniles	Gillnets	2
<u>Wakatake maru</u>	June 9 - July 25	Central North Pacific Bering Sea	Stocks abundance	Gillnets and longlines	3
<u>Oshoro maru</u>	June 3 - Aug. 15	Central North Pacific Bering Sea Gulf of Alaska	Fish community	Gillnets, longlines and trawl net	4
	Nov. 1 - Nov. 20	Western North Pacific	Fish community	Gillnets	5
<u>Hokusei maru</u>	June 1 - June 15	Western North Pacific	Fish community	Gillnets	6
	June 20 - July 4	Western North Pacific	Fish community	Gillnets	6
	July 10 - Aug. 10	Western North Pacific	Fish community	Gillnets	6
<u>Kaiyo maru</u>	'96 Jan. 4 - Jan. 31	North Pacific Ocean	Wintering salmon	Surface trawl	7

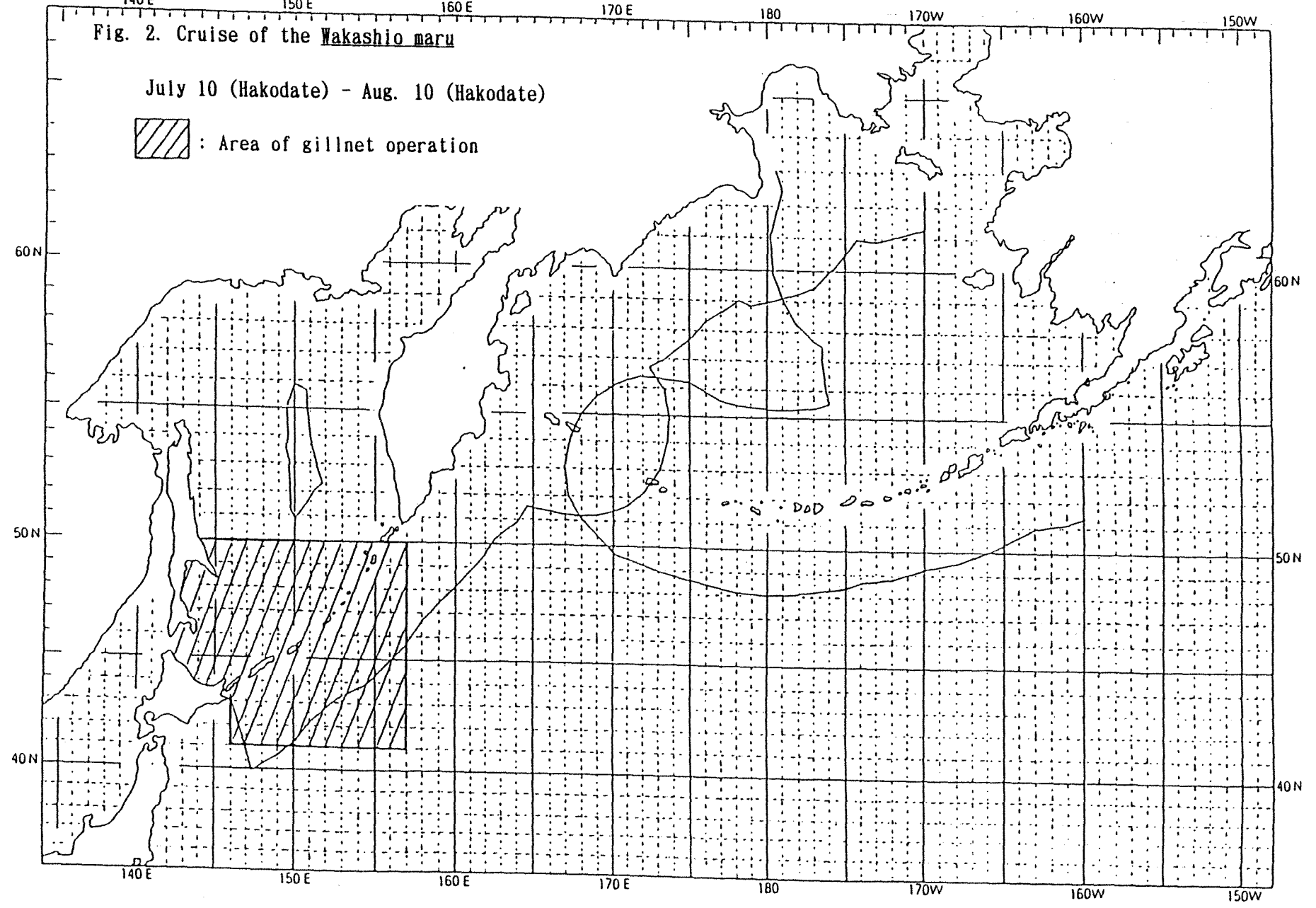


140 E 150 E 160 E 170 E 180 170W 160W 150W

Fig. 2. Cruise of the Wakashio maru

July 10 (Hakodate) - Aug. 10 (Hakodate)

 : Area of gillnet operation



4

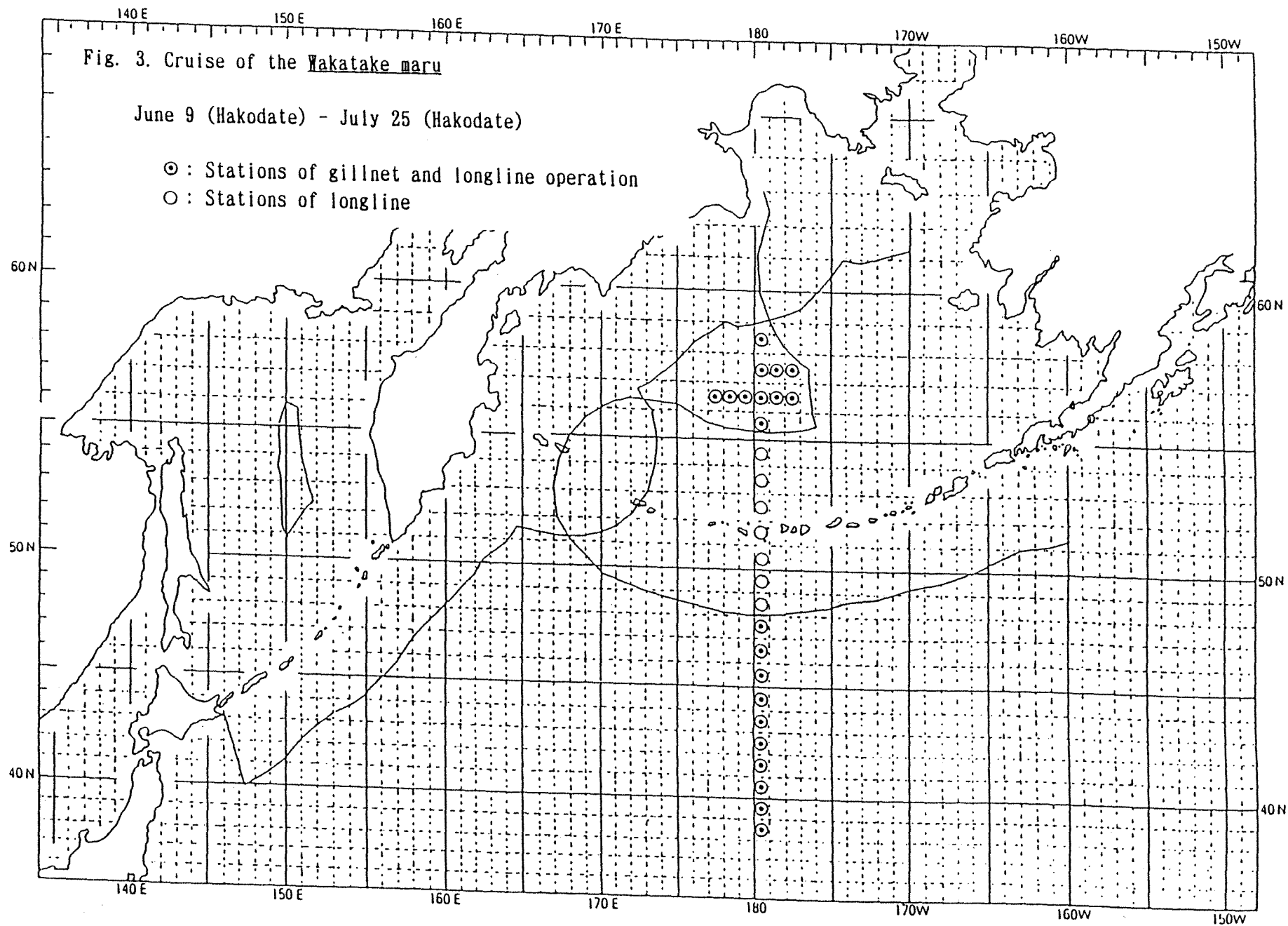


Fig. 4. Cruise of the Oshoro maru

June 3 (Hakodate) - Aug. 15 (Hakodate)

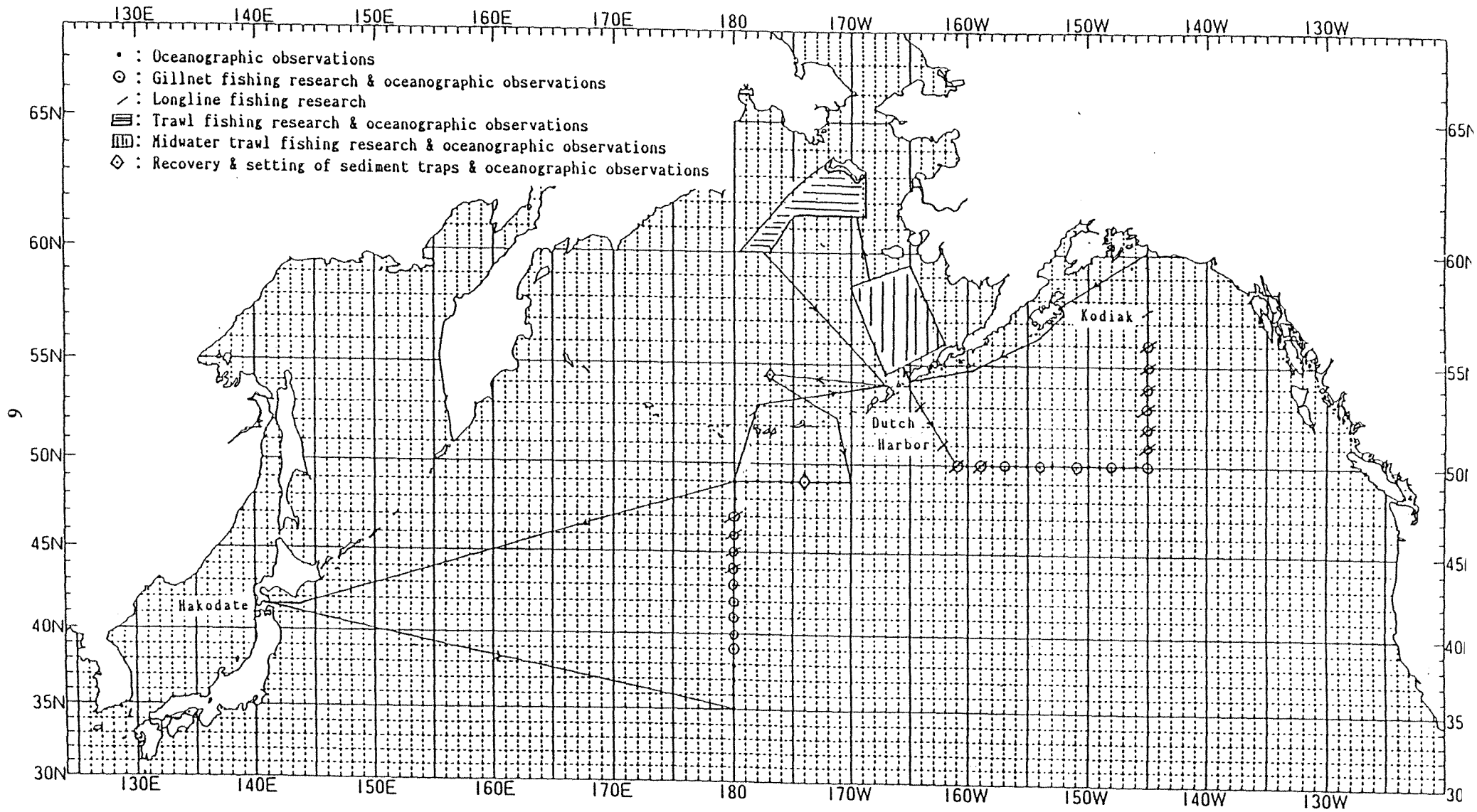


Fig. 5. Cruise of the Oshoro maru

Nov. 1 (Hakodate) - Nov. 20 (Hakodate)

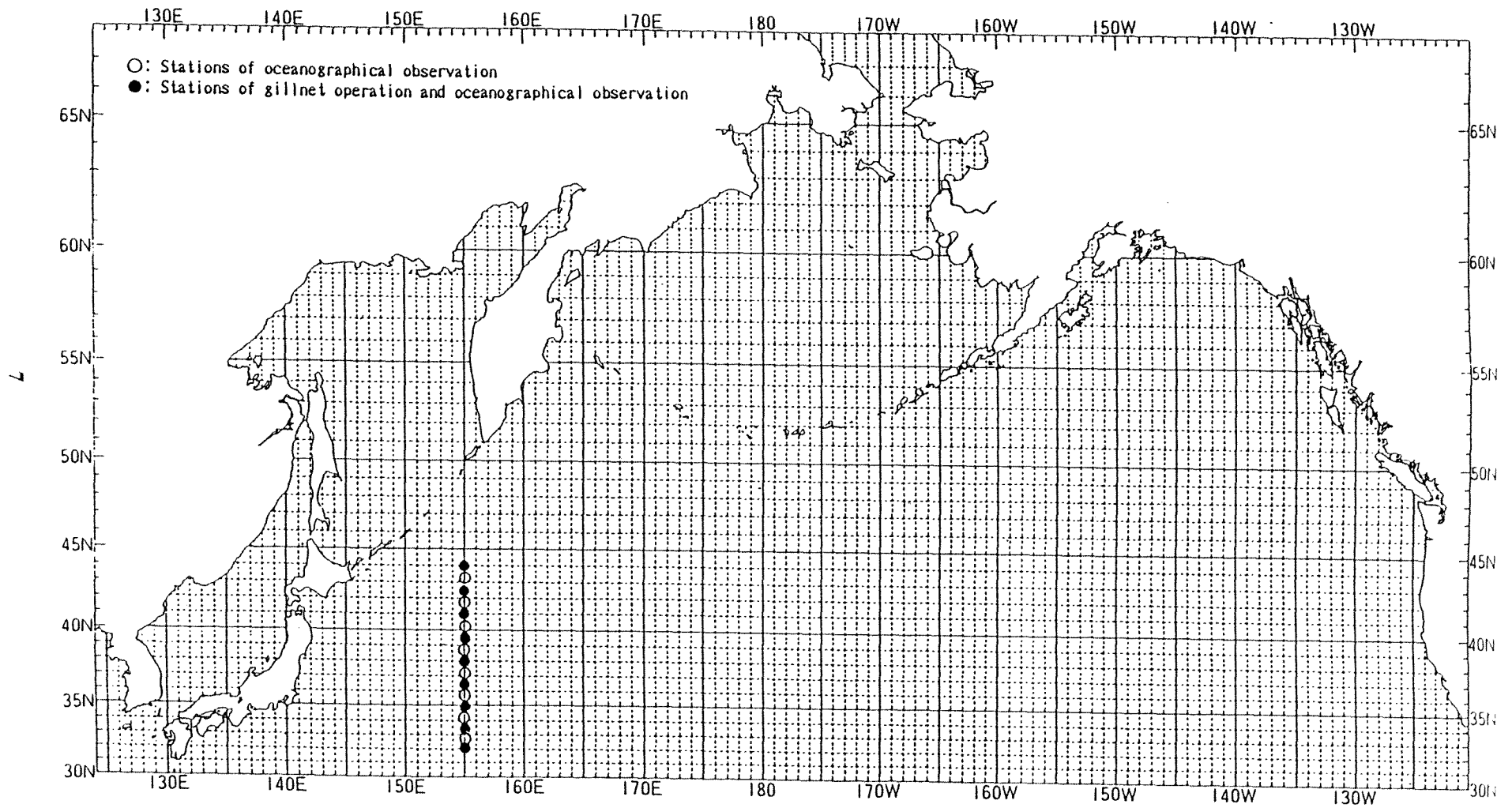


Fig. 6. 1st, 2nd and 3rd cruises of the Hokusei maru

