

NPAFC

Doc.216

Rev. 1

Proposed Cruise Plans of Japanese Research Vessels  
for Salmon in the North Pacific Ocean  
in 1997/98 fiscal year

by

Fisheries Agency of Japan

Ministry of Agriculture, Forestry and Fisheries  
1-2-1 Kasumigaseki, Chiyoda-ku, Tokyo 100  
Japan

Submitted to the  
NORTH PACIFIC ANADROMOUS FISH COMMISSION

by

JAPAN

March 1997

THIS PAPER MAY BE CITED IN THE FOLLOWING MANNER:

Fisheries Agency of Japan. 1997. Proposed cruise plans of Japanese research vessels for salmon in the North Pacific Ocean in 1997/98 fiscal year. (NPAFC Doc. 216, Rev.1). Fisheries Agency of Japan, Tokyo 100, Japan. 8 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 1997/98 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 salmon at the stations along 165° E longitude in July (Fig. 1).

(2) The *Shunyo maru* will conduct research with surface trawl to obtain data on the distribution and ecology of Japanese origin chum salmon and Sakhalin origin pink salmon juveniles in the Sea of Okhotsk and western North Pacific from early 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).

(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. 5).

(6) The *Kaiyo maru* will conduct research with surface trawl to obtain data on the distribution and ecology of Pacific salmon in winter in the western and central North Pacific, and Bering Sea in February in 1998 (Fig. 6).

Table 1. Proposed cruise plan of Japanese research vessels for salmon in the North Pacific in 1997/97 fiscal year.

Vessel	Period	Survey area	Research objects	Gear equipped	Figure
<i>Hokko maru</i>	June 27 - July 21	Western North Pacific	Stock assessment	Gillnets	1
<i>Syunyo maru</i>	July. 2 - Aug. 11	Around Kuri Island Western North Pacific Sea of Okhotsk	Juvenile survey	Surface trawl	2
<i>Wakatake maru</i>	June 10 - July 26	Central North Pacific Bering Sea	Stock assessment	Gillnets and longlines	3
<i>Oshoro maru</i>	June 3 - Aug. 19	Central North Pacific Bering Sea Gulf of Alaska	Fish community	Gillnets, longlines, and trawl net	4
<i>Hokusei maru</i>	June 2 - June 16	Western North Pacific	Fish community	Gillnets	5
	June 20 - July 4	Western North Pacific	Fish community	Gillnets	5
	July 11 - Aug. 11	Western North Pacific	Fish community	Gillnets	5
<i>Kaiyo maru</i>	Feb. 1 - March 2	Western North Pacific Central North Pacific Bering Sea	Ecology of salmon in winter	Surface trawl	6

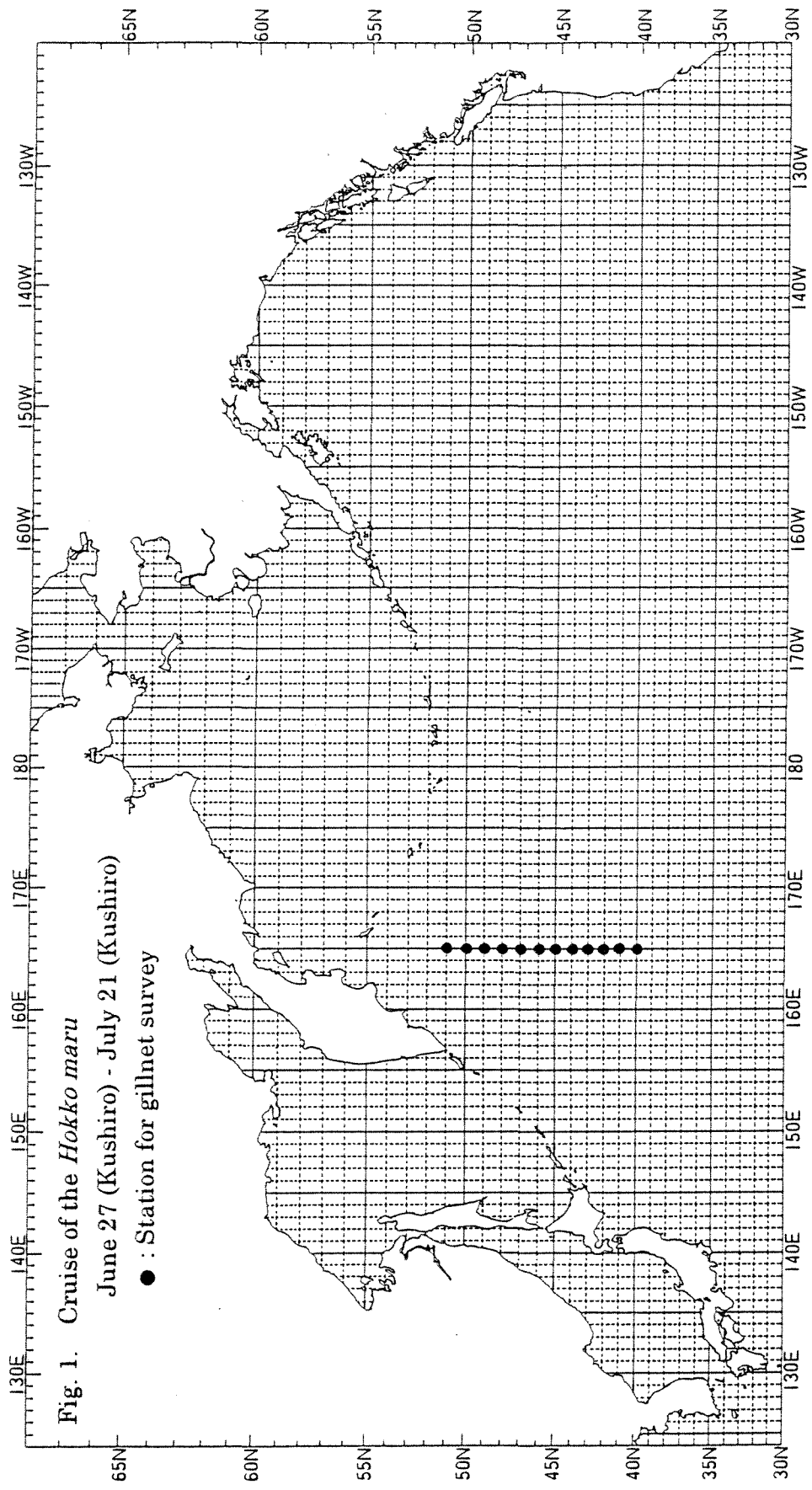
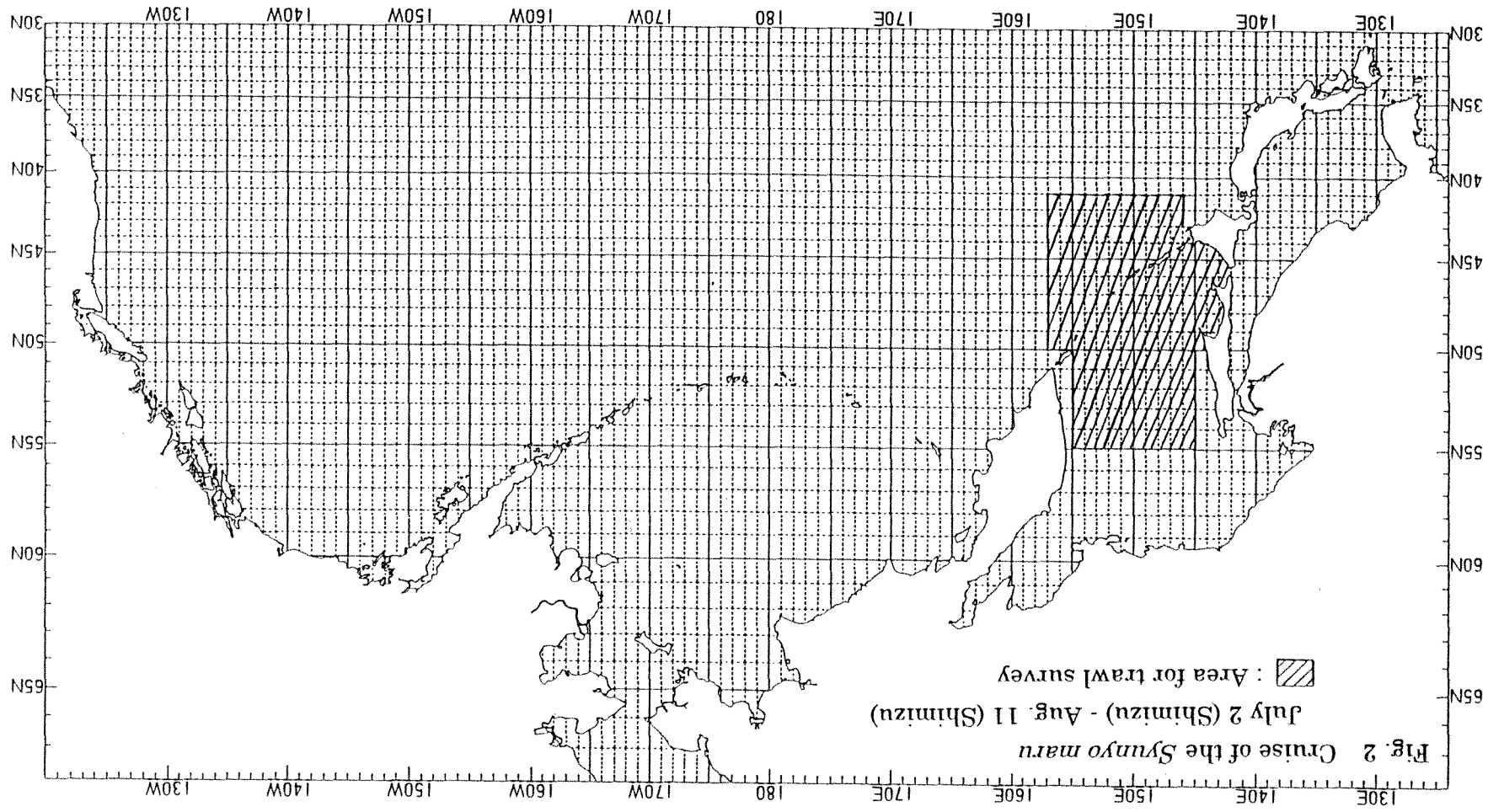
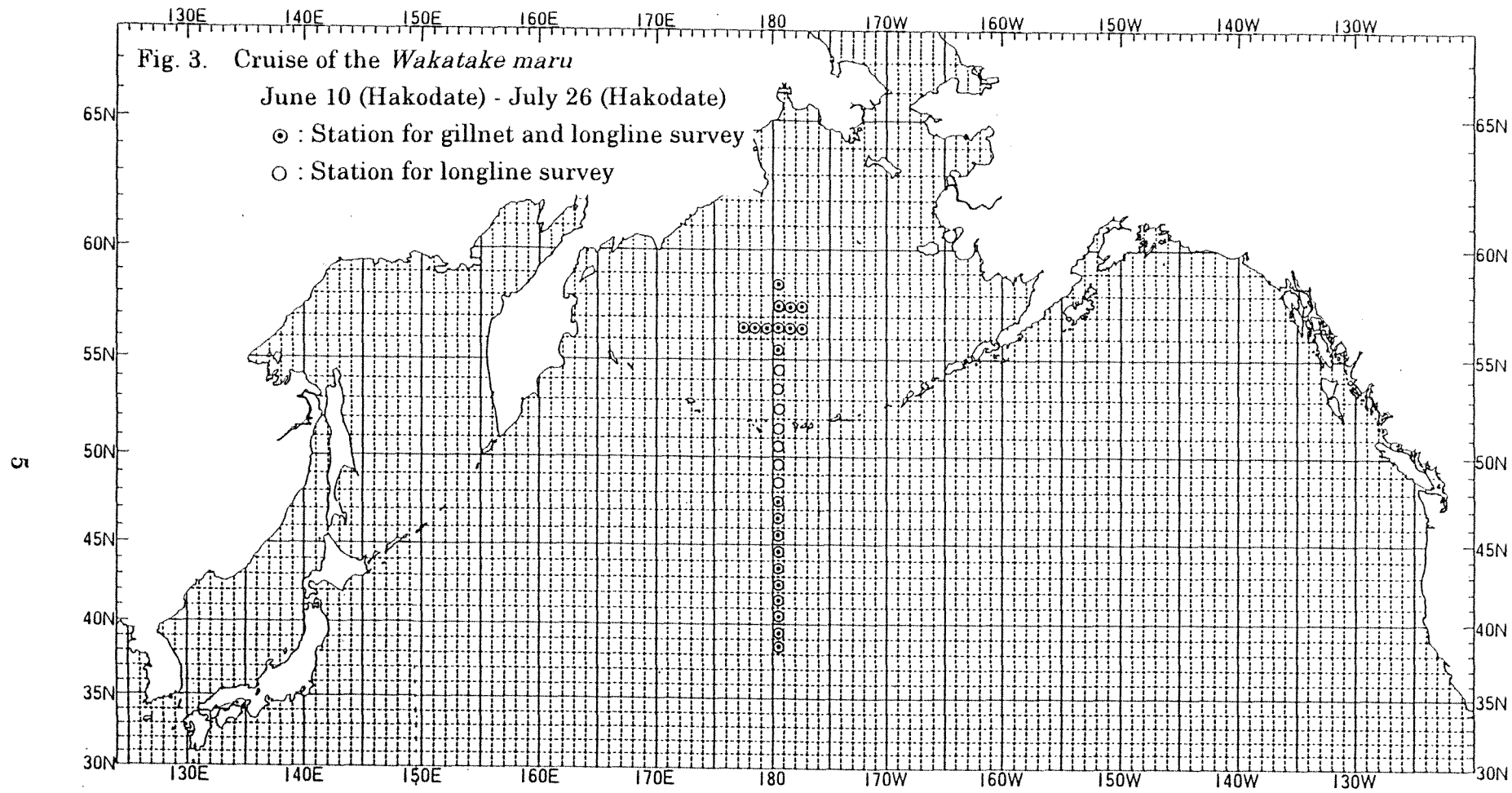


Fig. 1. Cruise of the *Hokko maru*  
 June 27 (Kushiro) - July 21 (Kushiro)  
 ● : Station for gillnet survey







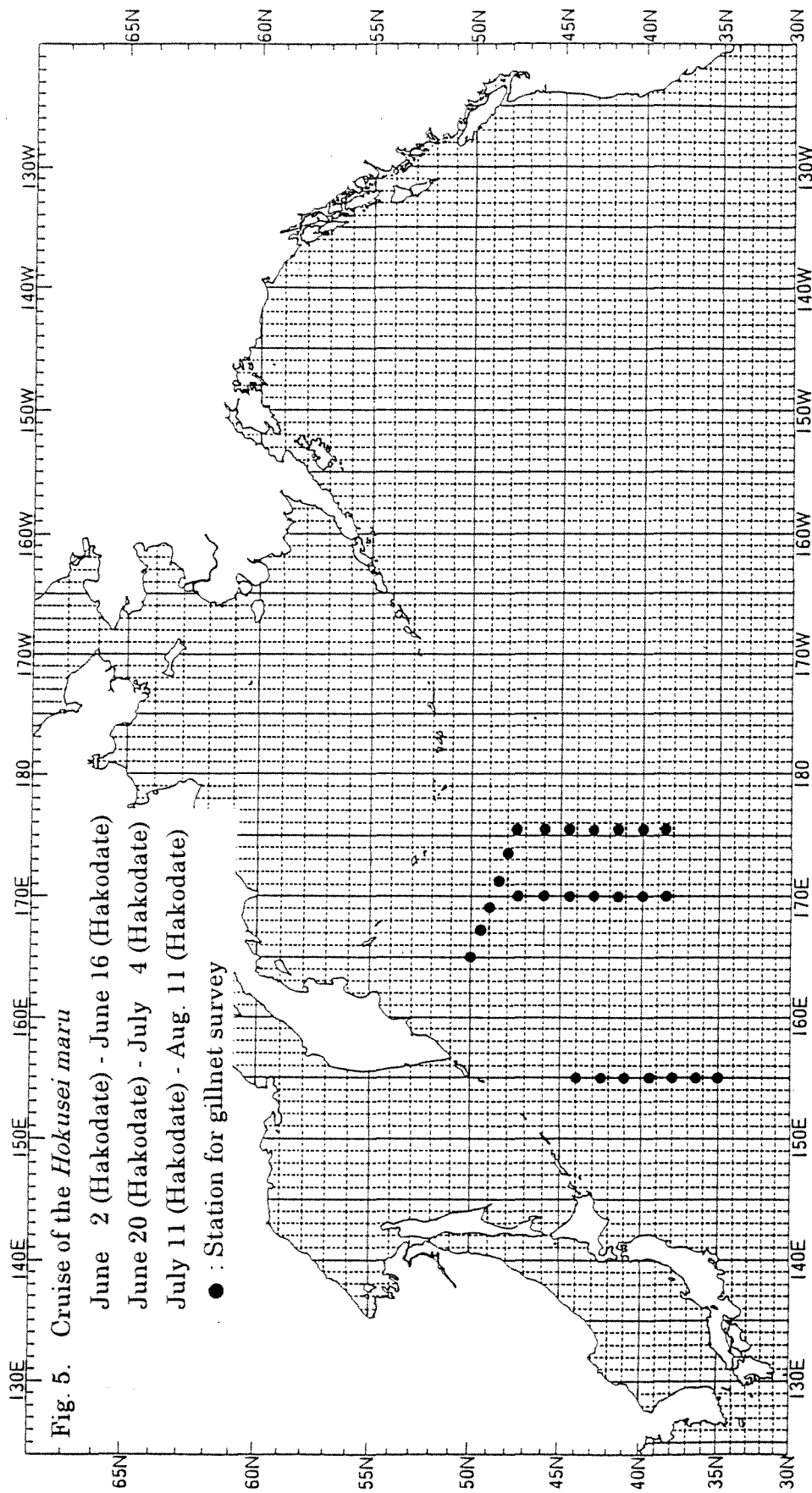


Fig. 5. Cruise of the *Hokusei maru*

