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

by

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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).

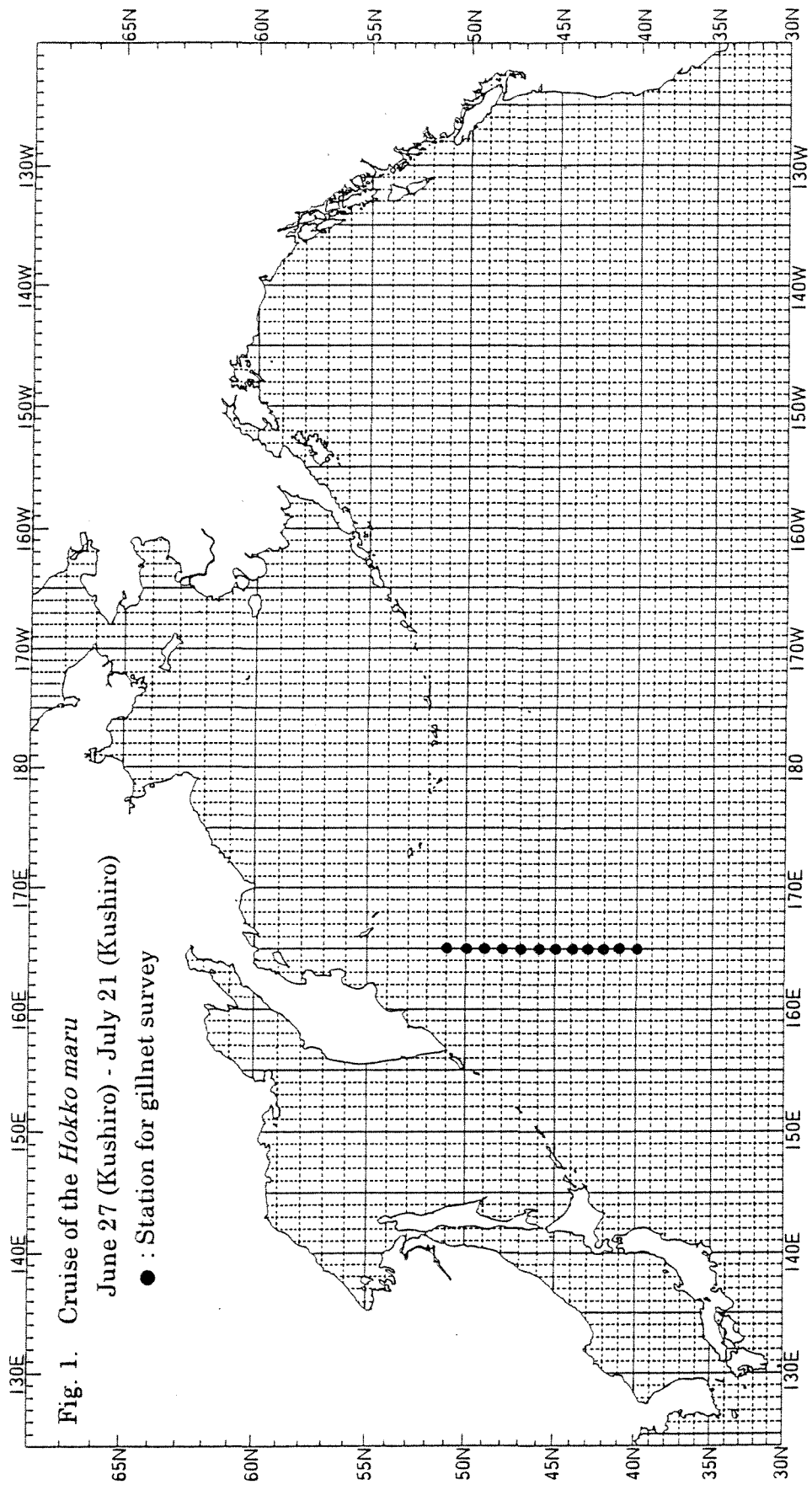
(4) The *Oshoro maru* will conduct research with gillnets, longlines, and small trawl to obtain data on the distribution and ecology of salmon and other pelagic fishes in the North Pacific, Bering Sea, and Gulf of Alaska from early June to mid-August (Fig. 4).

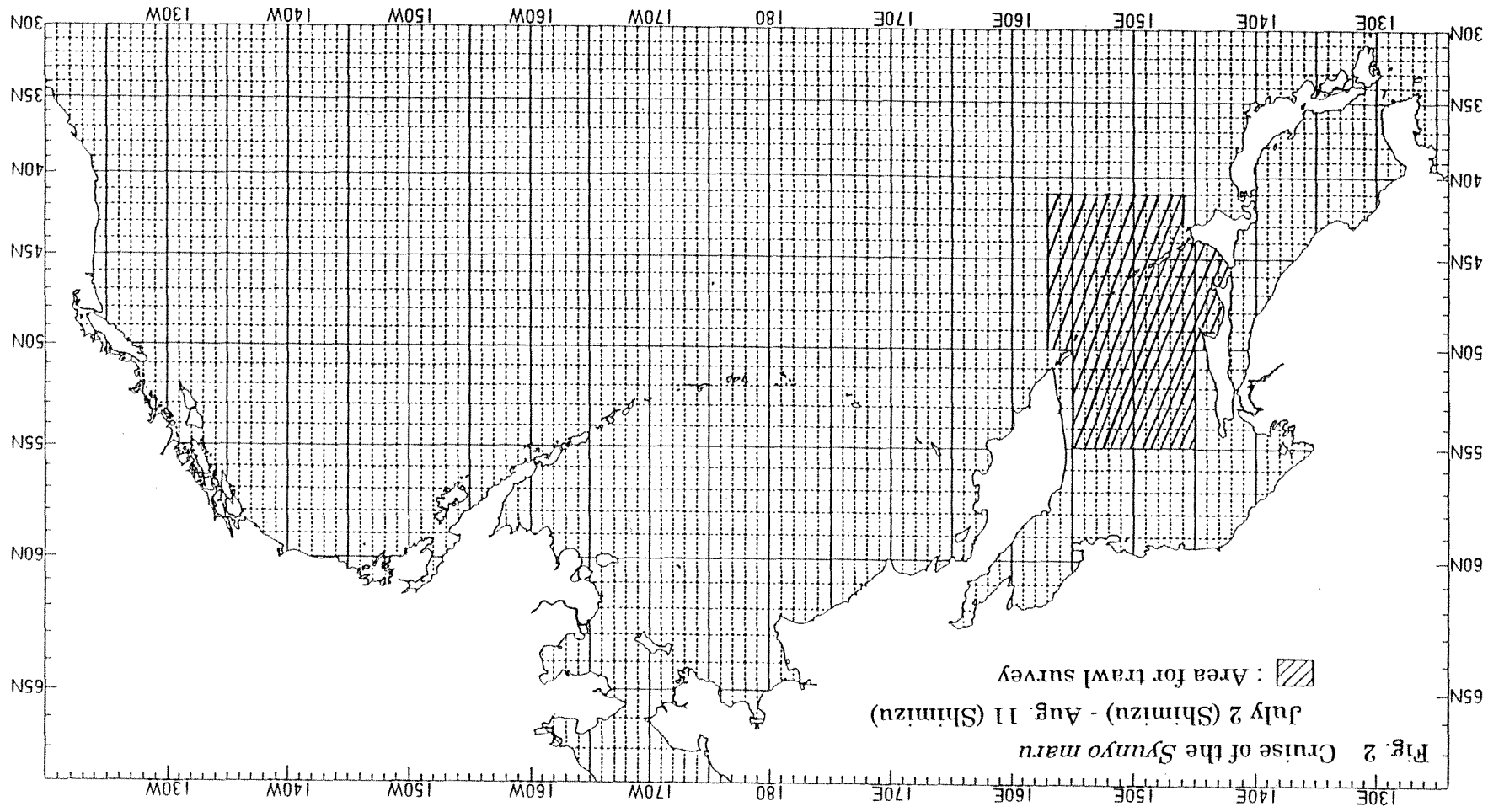
(5) The *Hokusei maru* will conduct three cruises for oceanographic observations and research with gillnets to obtain data on the distribution and ecology of salmon and other pelagic fishes in the western North Pacific Ocean from June to August (Fig. 5).

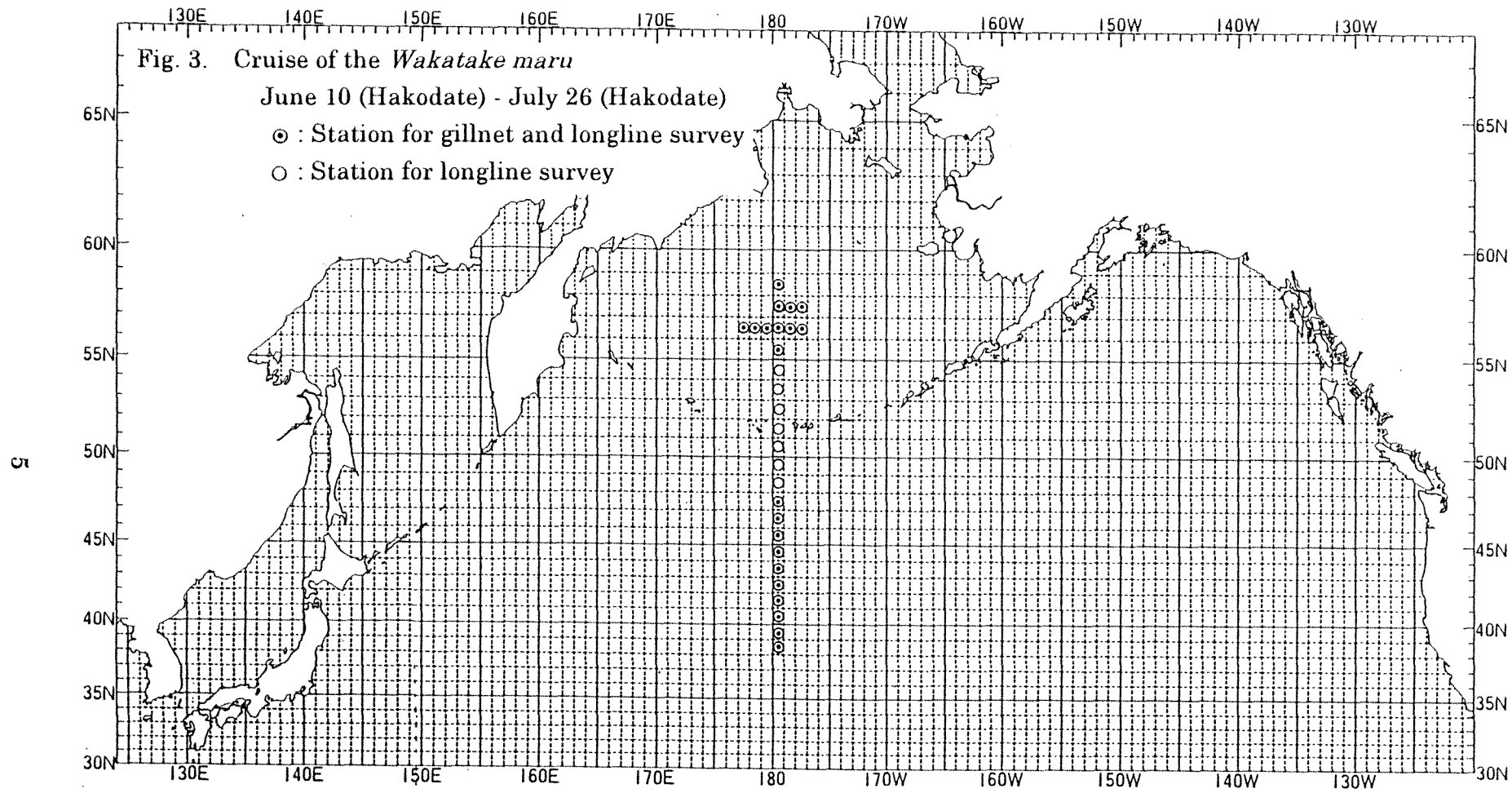
(6) The *Kaiyo maru* will conduct research with surface trawl to obtain data on the distribution and ecology of Pacific salmon in winter in the western and central North Pacific, and Bering Sea in February in 1998 (Fig. 6).

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<br>Western North Pacific<br>Sea of Okhotsk | Juvenile survey                | Surface trawl                         | 2      |
| <i>Wakatake maru</i> | June 10 - July 26 | Central North Pacific<br>Bering Sea                           | Stock assessment               | Gillnets and longlines                | 3      |
| <i>Oshoro maru</i>   | June 3 - Aug. 19  | Central North Pacific<br>Bering Sea<br>Gulf of Alaska         | Fish community                 | Gillnets, longlines, and<br>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<br>Central North Pacific<br>Bering Sea  | Ecology of salmon<br>in winter | Surface trawl                         | 6      |









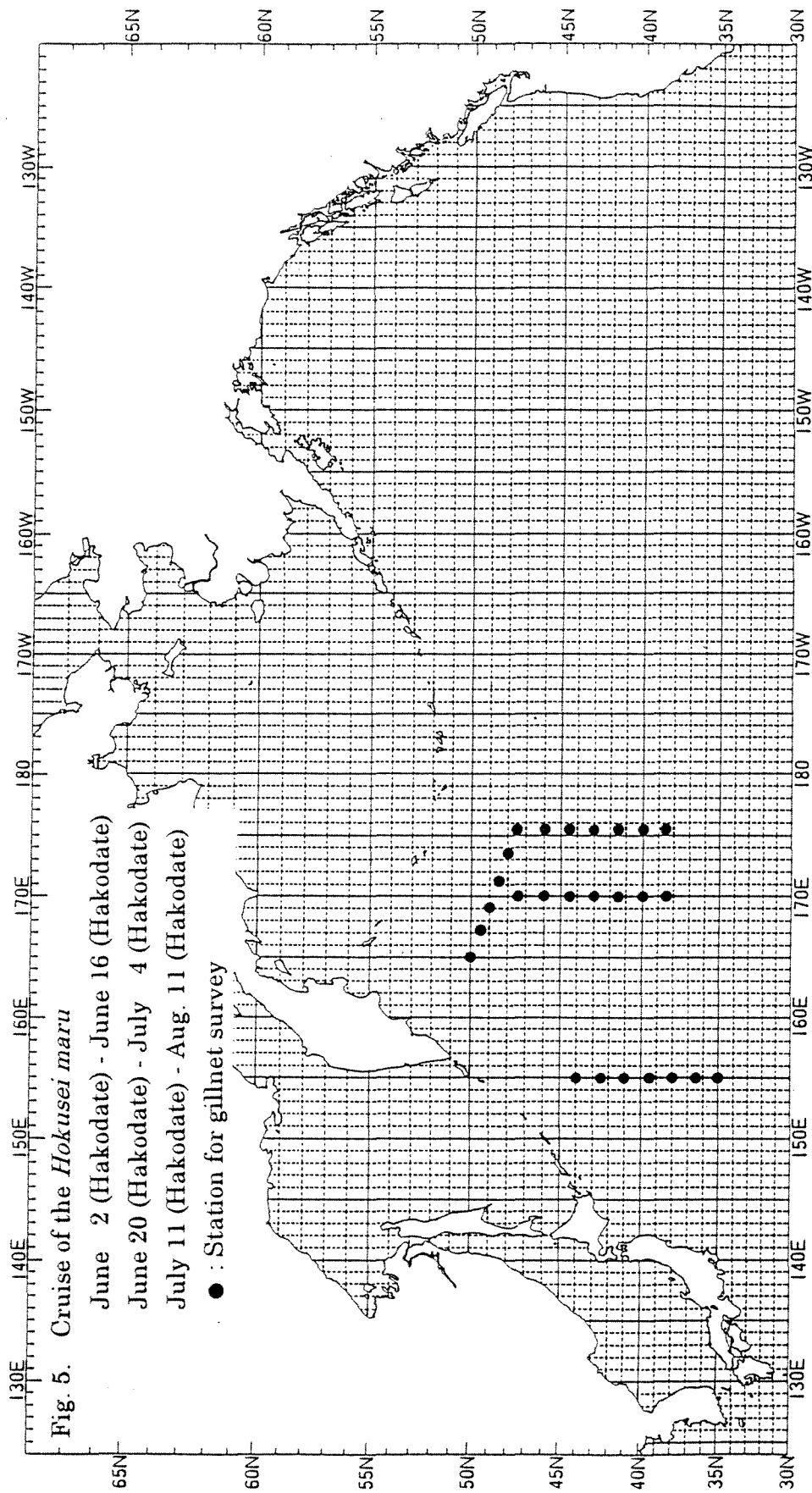


Fig. 5. Cruise of the *Hokusei maru*



