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

by

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THIS PAPER MAY BE CITED IN THE FOLLOWING MANNER:
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 2.5 km 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.

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Fig. 1. Cruise of the Hokkō Maru

June 29 (Kushiro) – July 28 (Kushiro)

: Stations of gillnet
Fig. 2. Cruise of the _Wakashio maru_

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

: Area of gillnet operation
Fig. 3. Cruise of the *Wakatake maru*

June 9 (Hakodate) - July 25 (Hakodate)

○: Stations of gillnet and longline operation
○: Stations of longline
Fig. 4. Cruise of the Oshoro maru

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

- : Oceanographic observations
○ : Gillnet fishing research & oceanographic observations
\_ : Longline fishing research
■ : Trawl fishing research & oceanographic observations
□ : Midwater trawl fishing research & oceanographic observations
◇ : Recovery & setting of sediment traps & oceanographic observations
Fig. 5. Cruise of the Oshoro maru

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

O: Stations of oceanographical observation
●: Stations of gillnet operation and oceanographical observation
Fig. 6. 1st, 2nd and 3rd cruises of the Hokusei maru

June 1 (Hakodate) - June 15 (Hakodate)
June 20 (Hakodate) - July 4 (Hakodate)
July 10 (Hakodate) - Aug. 10 (Hakodate)

○: Stations of oceanographical observation
●: Stations of gillnet operation and oceanographical observation