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Proposed cruise plan of Japanese research vessels for
salmon and marine mammals in the North Pacific Ocean, 1986

March, 1986

Fisheries Agency of Japan

Summary table

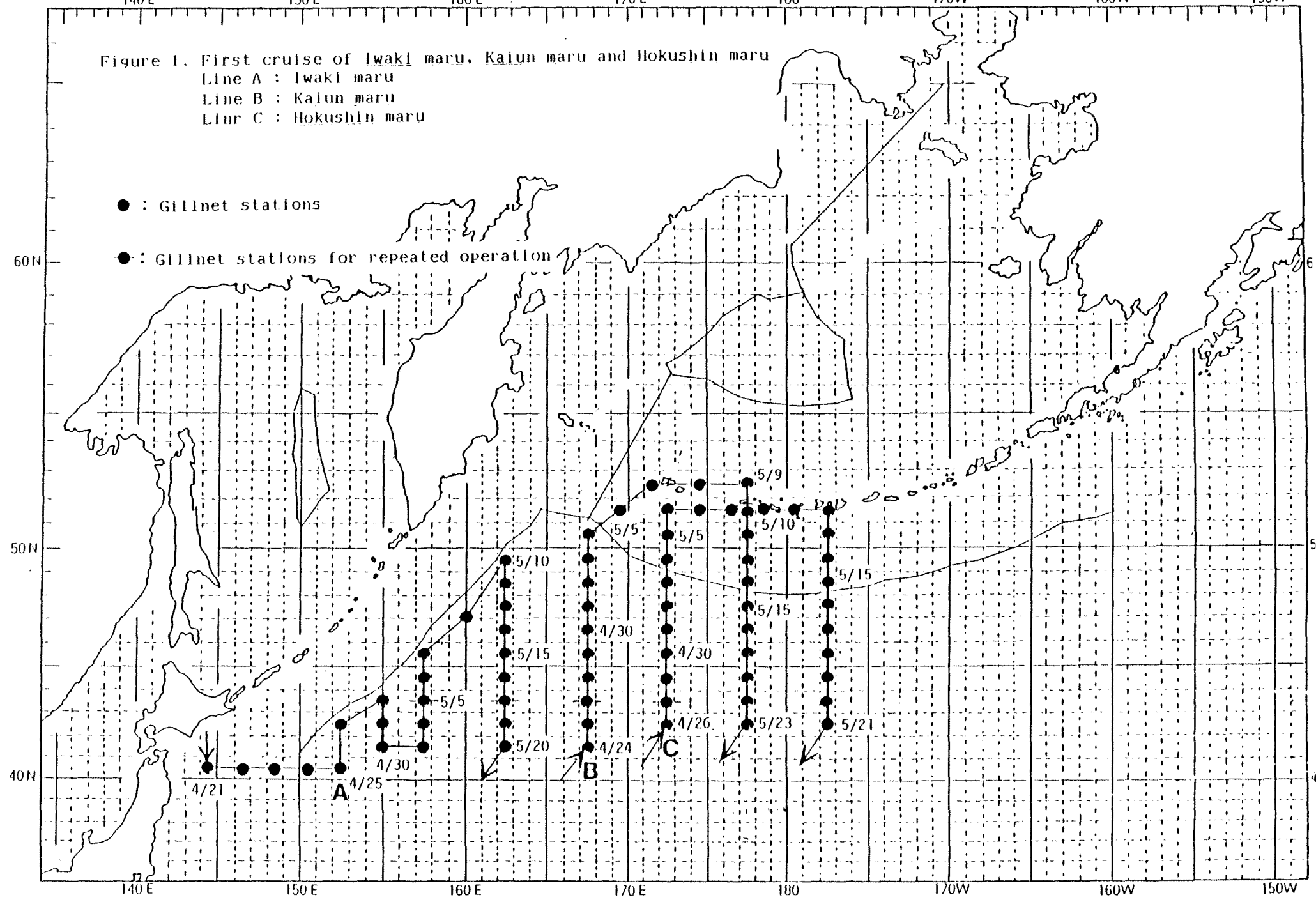
Proposed cruise plan of Japanese research vessels for salmon and marine mammals in the North Pacific Ocean in 1986

Vessel	Cruise	Period	Port for departure and entry	Gear equipped	Attached Figure	Remarks
<u>HOKUSIN MARU</u>	1st cruise	April 19 - May 29	Kushiro - Kushiro	Gillnets	1	* Continue other research.
	2nd cruise	June 9 - July 15	Kushiro - *	Gillnets	2	
<u>KAIUN MARU</u>	1st cruise	April 19 - May 30	Kushiro - Kushiro	Gillnets	1	
	2nd cruise	June 10 - July 25	Hachinohe-Kushiro	Gillnets	2	
<u>IWAKI MARU</u>	1st cruise	April 19 - May 25	Kushiro - Kushiro	Gillnets	1	
	2nd cruise	May 30 - July 15	Ishinomaki-Kushiro	Gillnets	2	
<u>HOKUHO MARU</u>	1st cruise	April 19 - May 28	Kushiro - Kushiro	Gillnets & Longlines	3	Including salmon tagging
	2nd cruise	June 12 - July 21	Hakodate- Kushiro	Gillnets & Longlines	4	Including salmon tagging
<u>SHIN RIASU MARU</u>	1st cruise	April 19 - May 29	Kushiro - Kushiro	Gillnets & Longlines	3	Including salmon tagging
	2nd cruise	June 11 - July 21	Miyako - Kushiro	Gillnets & Longlines	4	Including salmon tagging
<u>HOKKO MARU</u>	1st cruise	May 13 - June 6	Kushiro - Kushiro	Longlines	5	Salmon tagging
	2nd cruise	June 16 - July 10	Kushiro - Kushiro	Gillnets	5	
<u>WAKATAKE MARU</u>	1st cruise	April 19 - June 2	Kushiro - Kushiro	Gillnets & Longlines	6	Including salmon tagging
	2nd cruise	June 14 - July 26	Hakodate - Kushiro	Gillnets & Longlines	6	
<u>OSHORU MARU</u>	One cruise	June 6 - August 17	Hakodate - Hakodate	Gillnets & Longlines	7	Including salmon tagging
<u>HOKUSEI MARU</u>	1st cruise	June 1 - June 15	Hakodate - Hakodate	Gillnets	8	
	2nd cruise	June 20 - July 4	Hakodate - Hakodate	Gillnets	8	
	3rd cruise	July 11 - August 11	Hakodate - Hakodate	Gillnets	8	
<u>HOYO MARU No.12</u>	One cruise	August 9 - Oct. 5	Kesen-numa-Kesen-numa	Harpoon	9	Study for Dall's porpoise Harpooning will be conducted on the back way of the cruise outside of US and USSR FCZ
"A" Vessel	One cruise	June 2 - June 29	Undecided- Undecided	Gillnets	10	Experiments on developing techniques to avoid incidental catch of Dall's porpoise.

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

Figure 1. First cruise of Iwaki maru, Kaiun maru and Hokushin maru
Line A : Iwaki maru
Line B : Kaiun maru
Line C : Hokushin maru

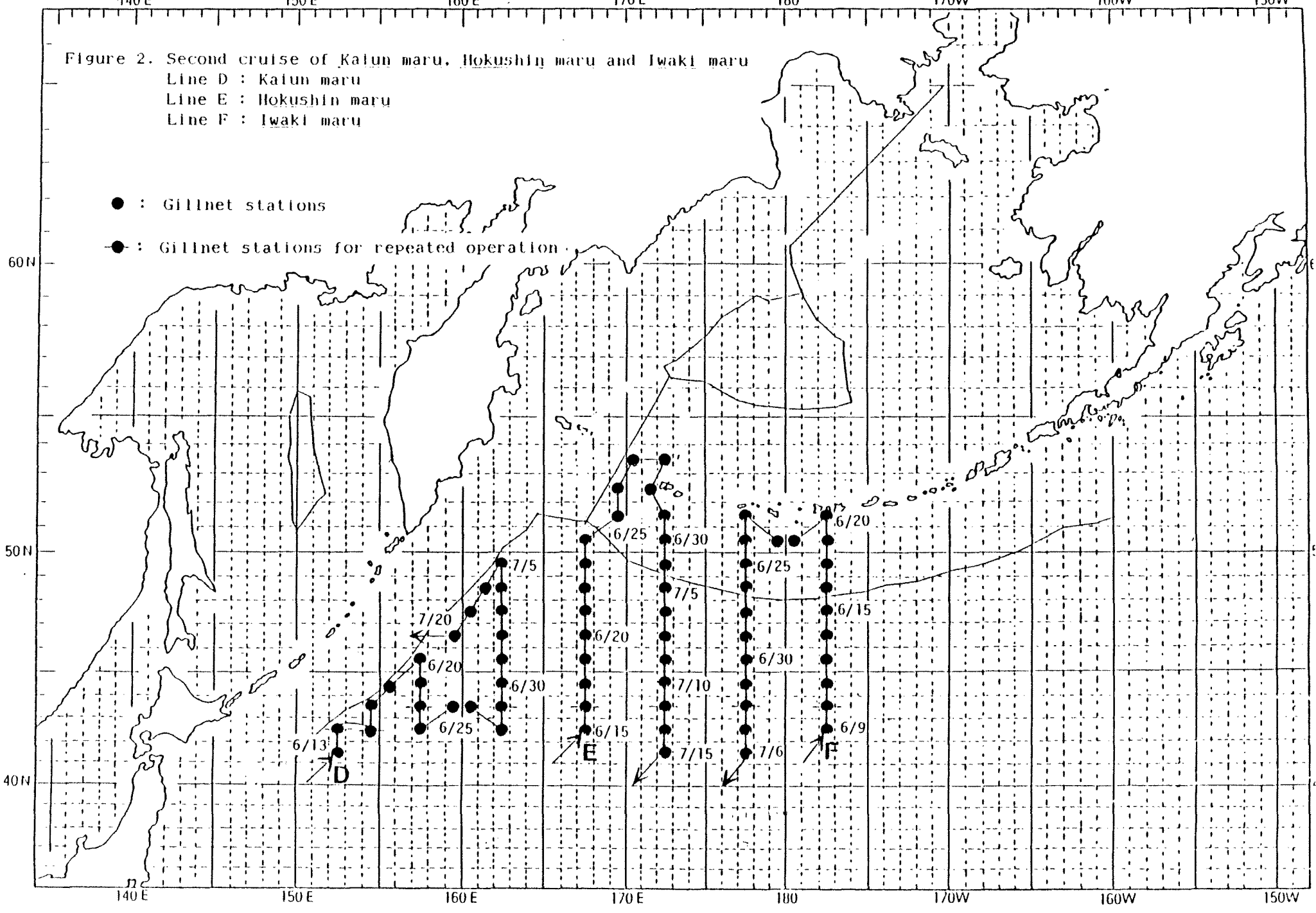
● : Gillnet stations
● : Gillnet stations for repeated operation

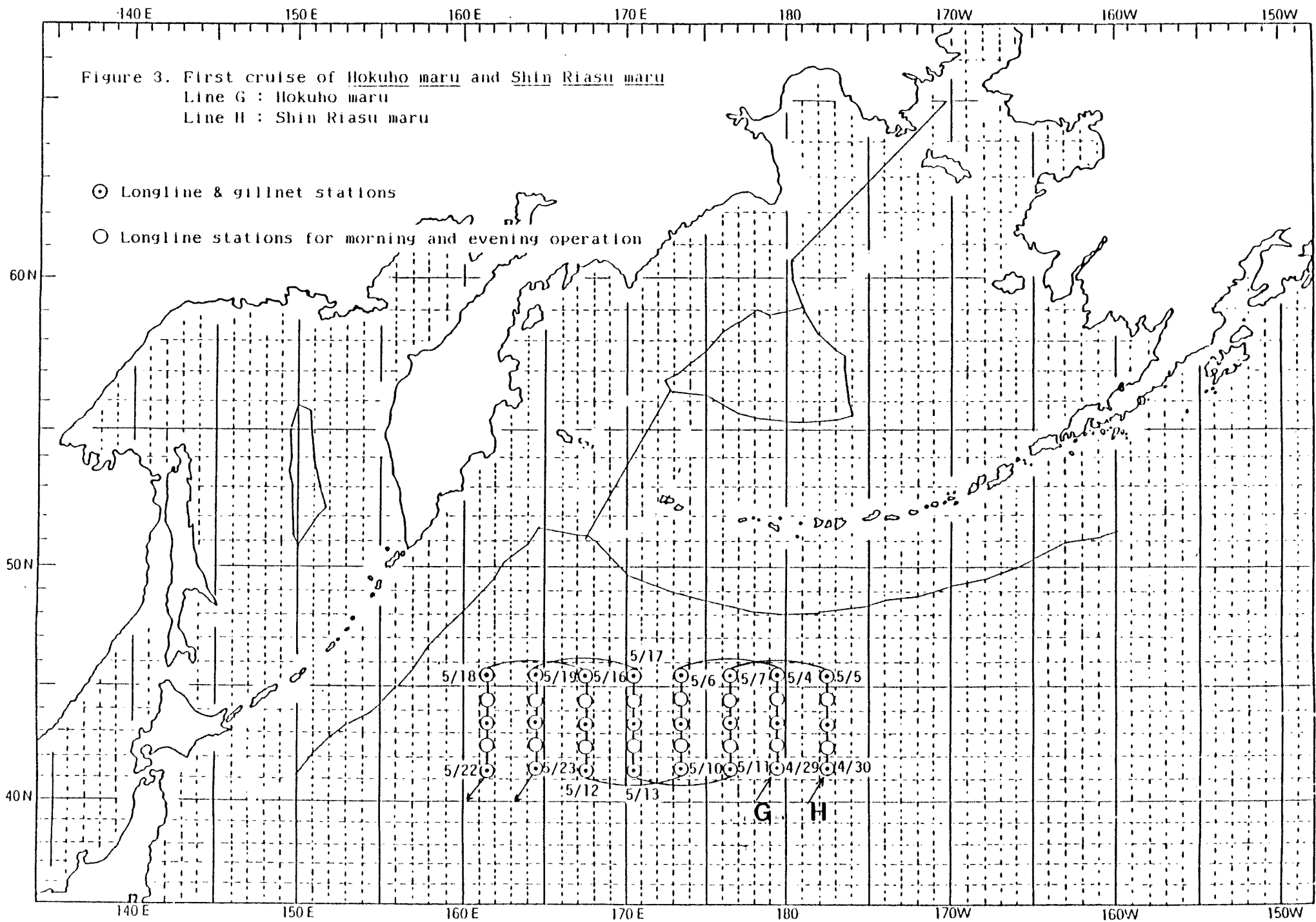


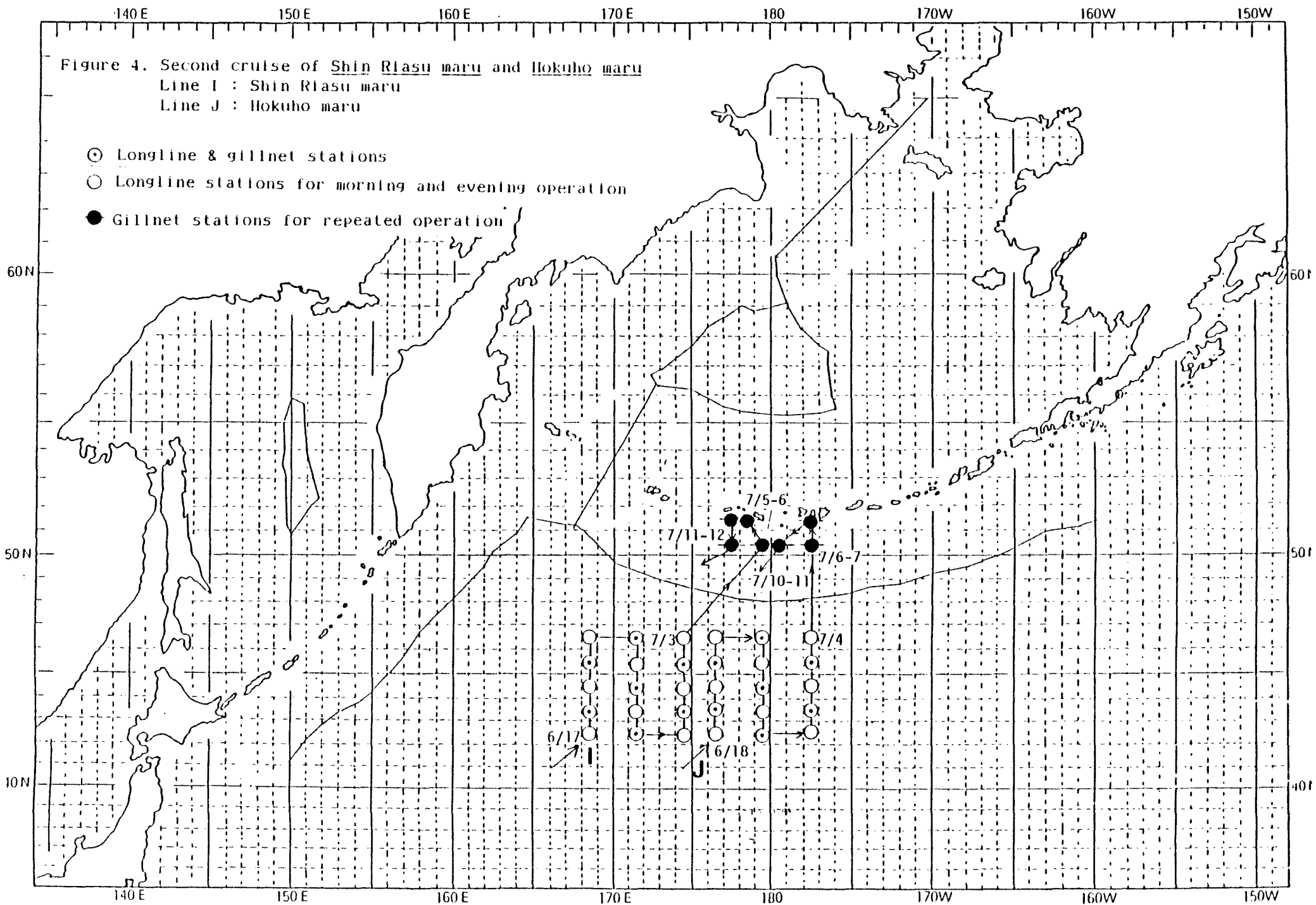
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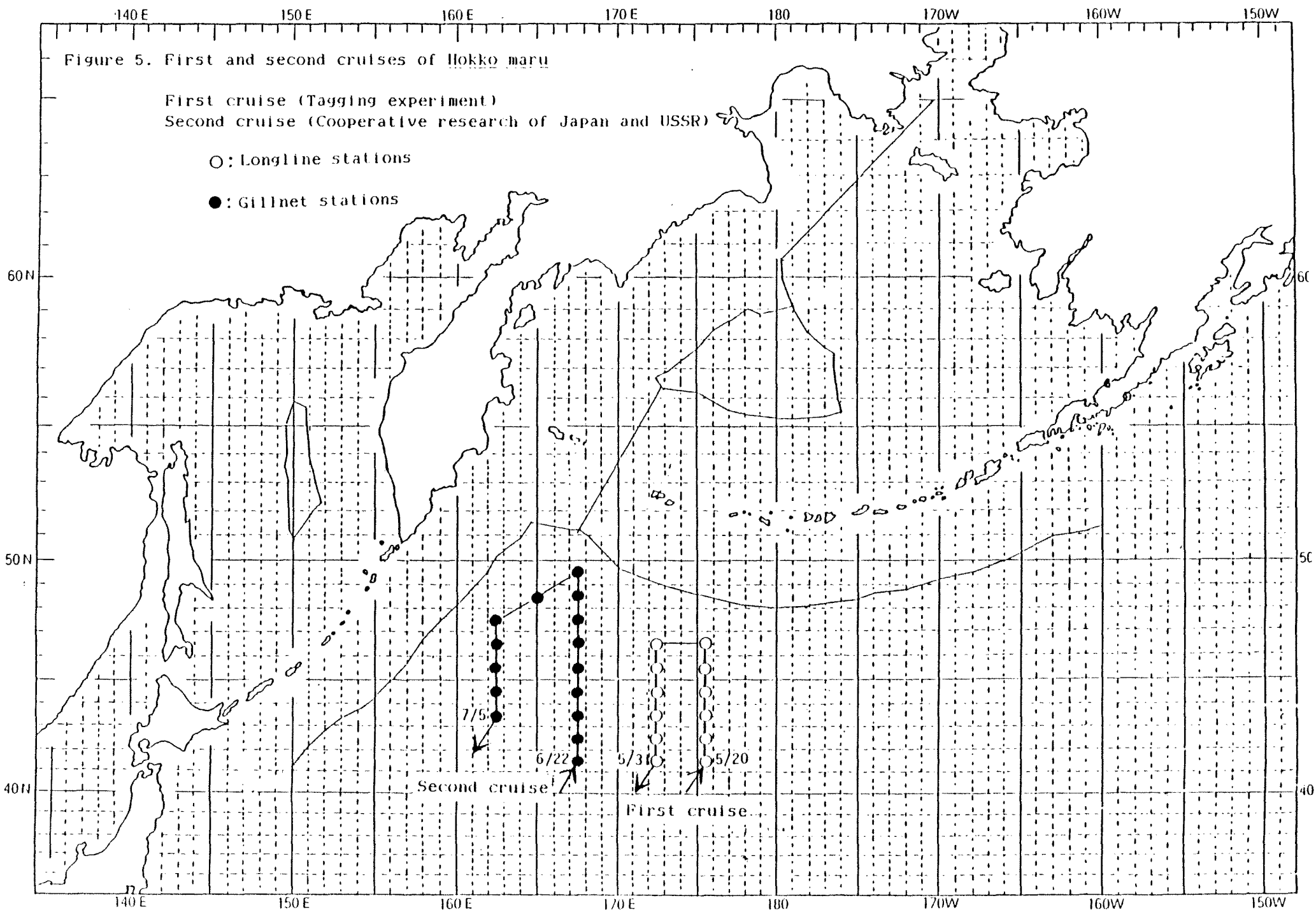
Figure 2. Second cruise of Kalun maru, Hokushin maru and Iwaki maru
Line D : Kalun maru
Line E : Hokushin maru
Line F : Iwaki maru

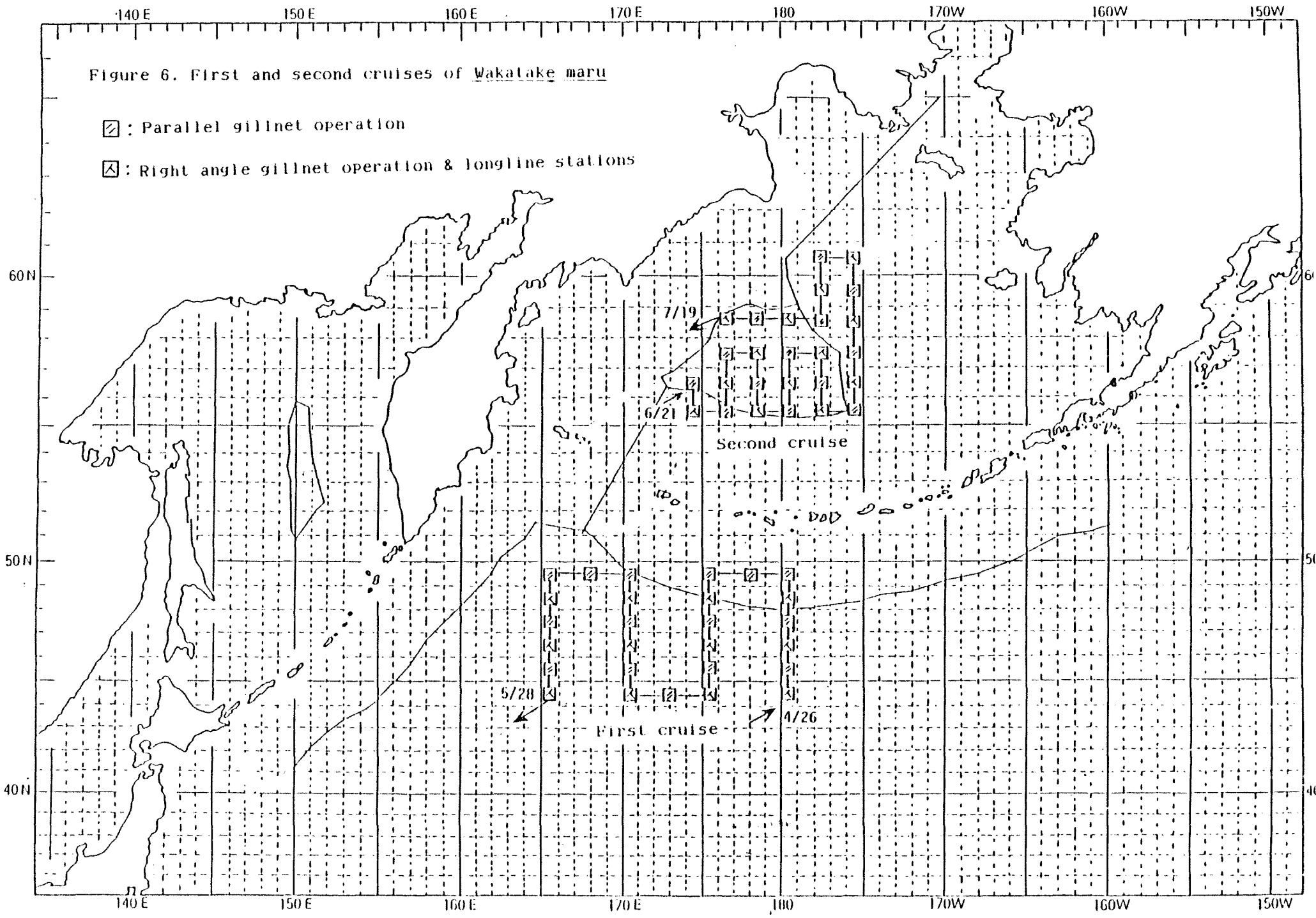
- : Gillnet stations
- : Gillnet stations for repeated operation

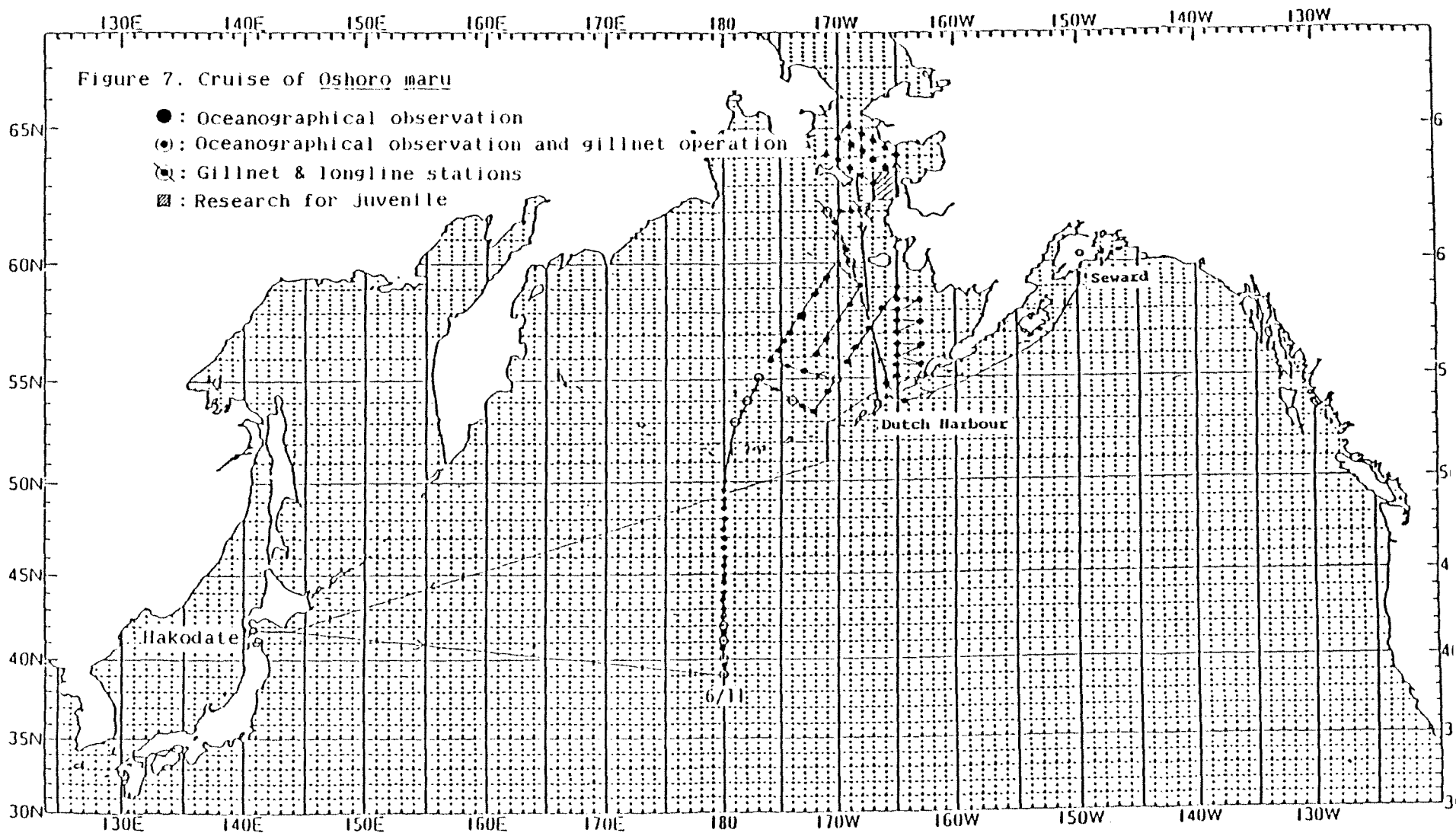


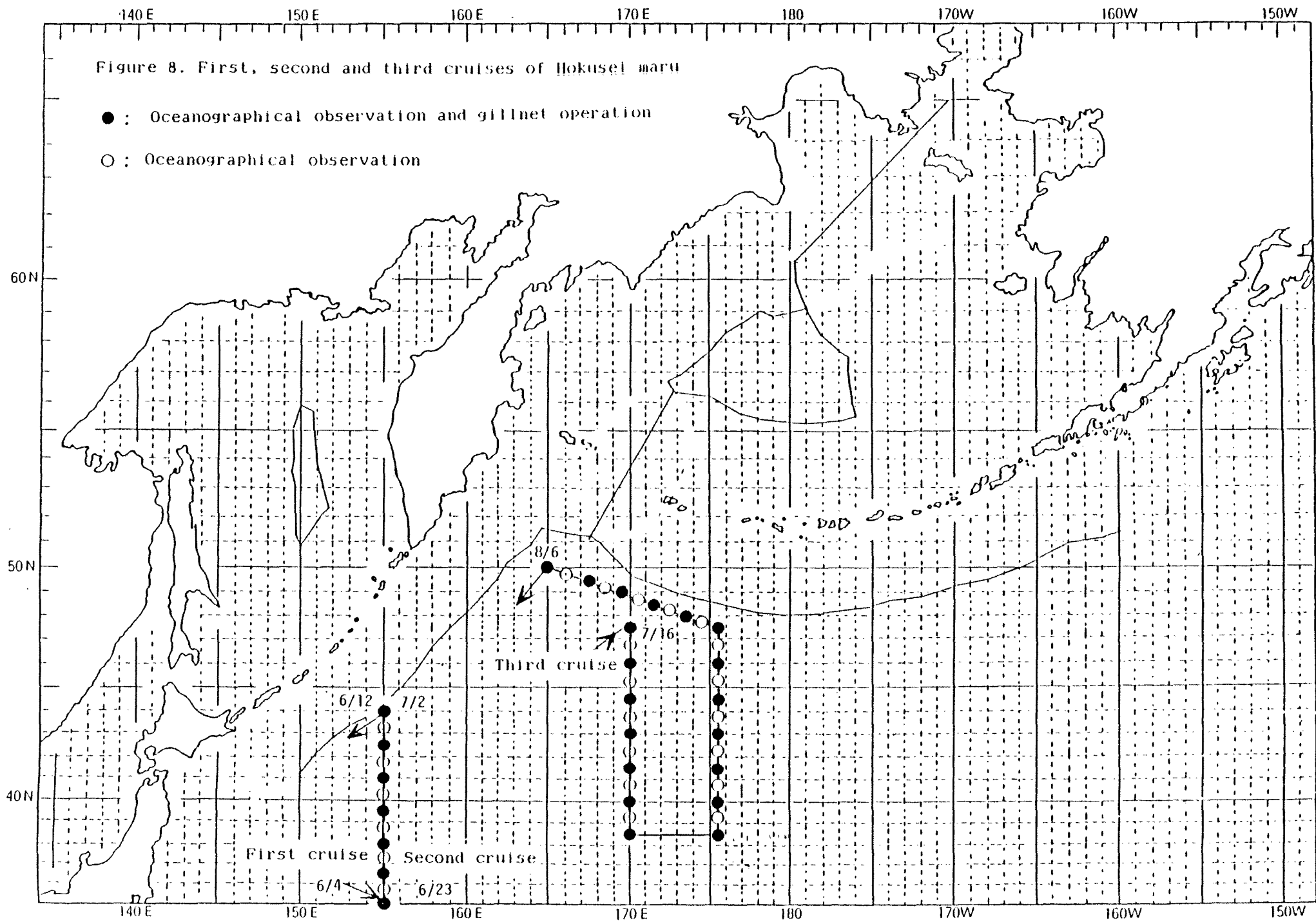












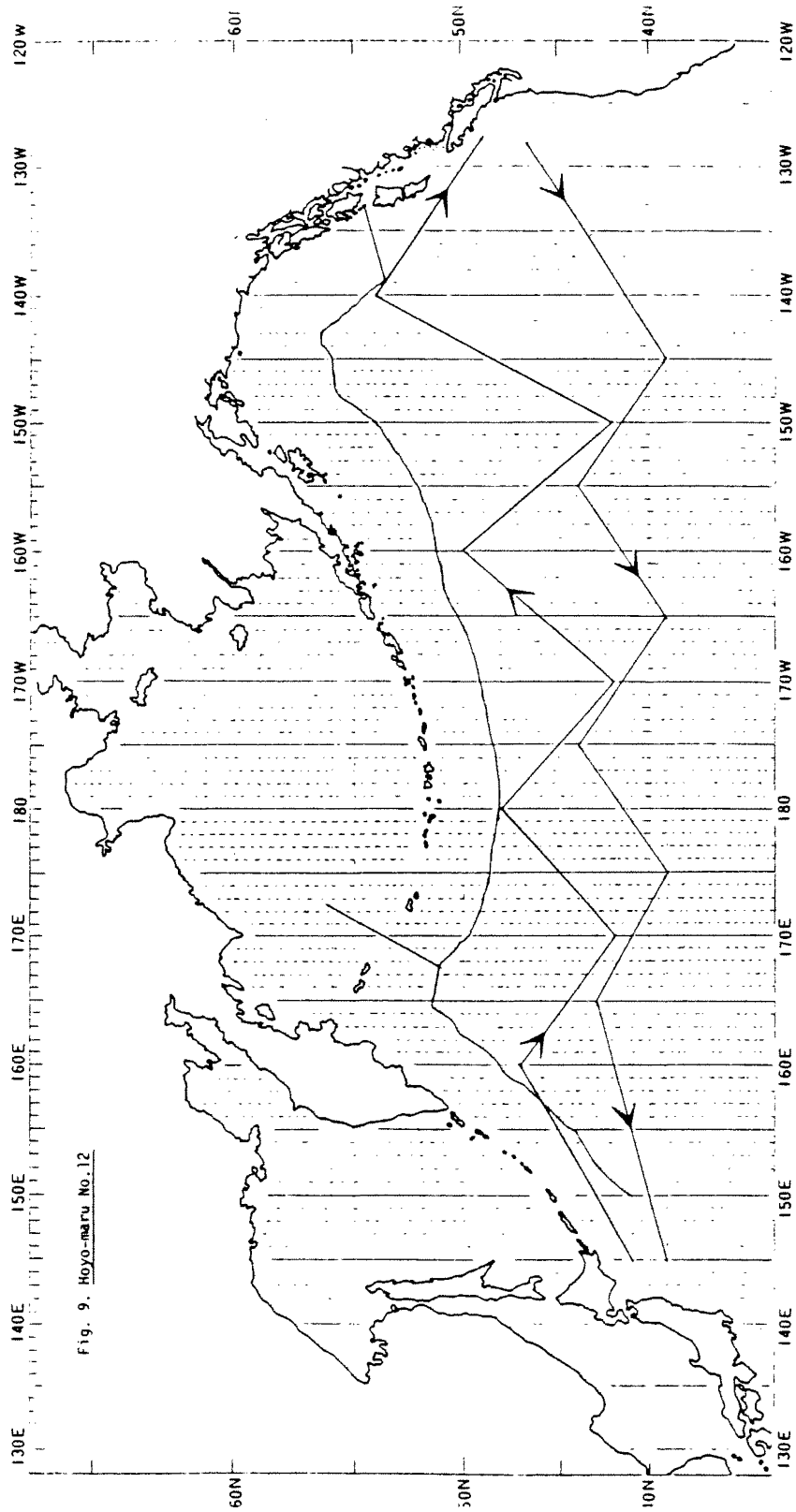


Fig. 9. Hoyo-maru No. 12

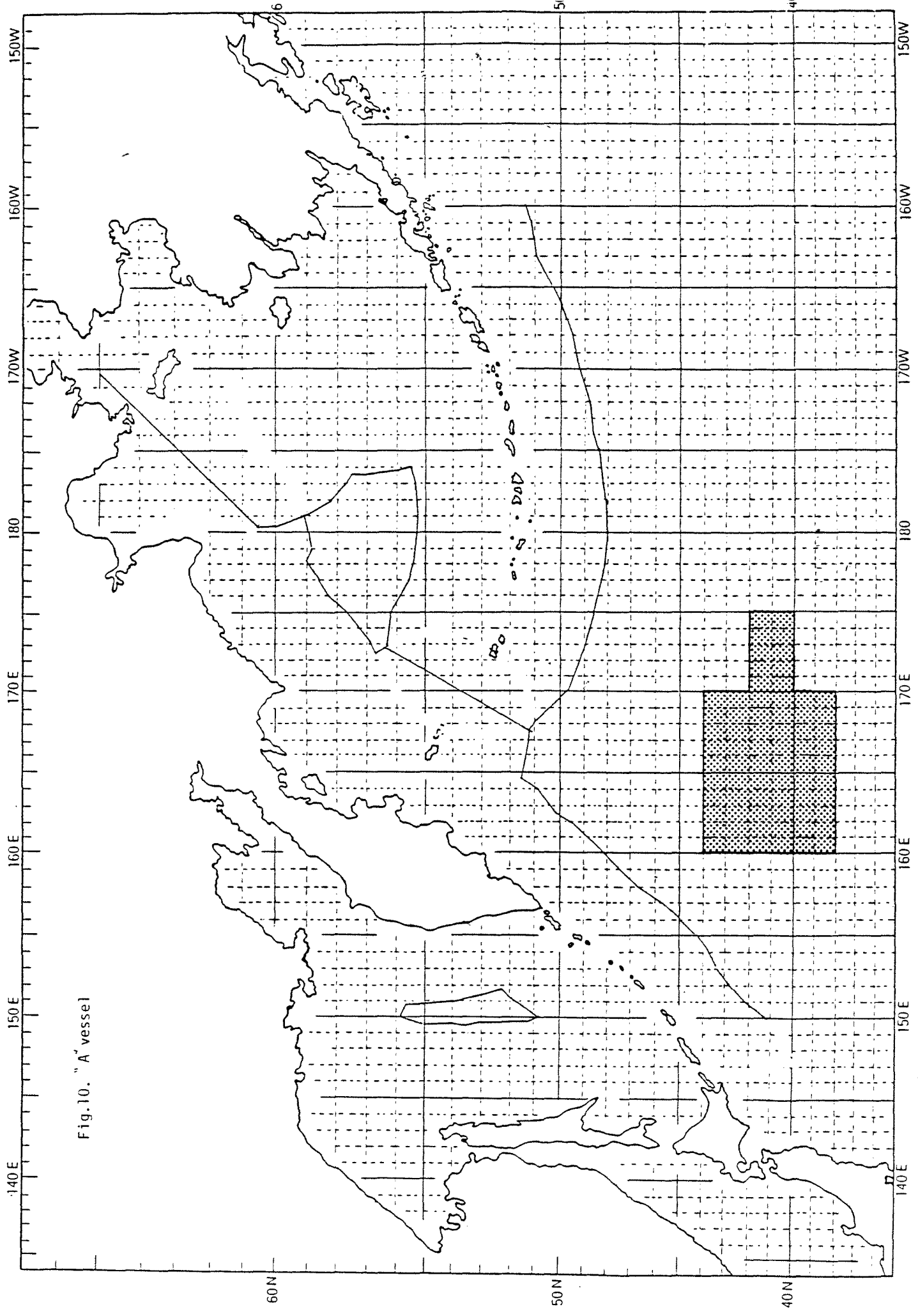


Fig.10. "A" vessel