

CATCH AND EFFORT STATISTICS OF THE CANADIAN
SHRIMP FISHERY ON THE PACIFIC COAST IN 1983

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by

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ABSTRACT

Total trawl and trap landings of 738 metric tons and total fishing effort of 14,255 days are tabulated by gear and International North Pacific Fisheries Commission statistical areas. Two figures show boundaries of the statistical areas.

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INTRODUCTION

The total pandalid shrimp landings in 1983 for the west coast of Canada were 738 metric tons, worth 2.4 million dollars.

Of this total, inshore beam trawling from Barkley Sound, Georgia Strait, and Chatham Sound (both Vancouver and Charlotte areas) accounted for 376 metric tons of P. jordani, P. borealis, P. platyceros, and Pandalopsis dispar. Offshore Tofino and Nootka ground (Vancouver area) otter trawl effort was low, with no reported landings of smooth pink shrimp, Pandalus jordani.

The remaining 362 metric tons were taken by trapping prawns, Pandalus platyceros, coast-wide, and coonstripe shrimp, Pandalus danae, on a small scale in Sooke Harbor (Vancouver area).

Table 1. Comparison of INPFC and PMFC statistical areas.

Latitude	INPFC areas	PMFC areas
50°30'-54°30'N	Charlotte	62 and 64
47°30'-50°30'N	Vancouver	66 and 68

Table 2. Trawl¹ and trap² landings (metric tons) of shrimp and effort (days) for Canadian vessels by INPFC area . . . 1983.

INPFC areas	Trawl		INPFC areas	Trap	
	Effort	Catch		Effort	Catch
Charlotte	337	15.5	Charlotte	2,113	121.5
Vancouver	6,274	360.2	Vancouver	5,531	240.5
Total	6,611	375.7		7,644	362.0

¹Primarily Pandalus jordani.

²Primarily Pandalus platyceros.

Table 3. Trawl and trap landings (C = metric tons) and effort (E = days fished) by Canadian vessels, by PMFC area and by month . . . 1983.

Area	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
<u>Trawl</u>													
62 C	.8	1.4	2.2	1.9		2.0	.5		+	1.1	1.9	2.0	13.8
E	13	15	31	28		26	4		2	31	47	46	243
64 C					.3		.8		.2		.4		1.7
E					16		54		17		7		94
66 C	.2	.1	3.0	2.0	13.3	1.0	1.5	.8	6.7	9.8	1.3		39.7
E	4	1	64	47	129	22	22	11	72	125	20		517
68 C	11.1	13.8	21.7	31.0	30.7	21.9	32.9	32.3	28.2	50.4	29.4	17.1	320.5
E	161	298	403	734	673	623	576	388	340	633	467	461	5757
<u>Trap</u>													
62 C	1.3	.6	4.9	7.8	2.6	14.4	8.0	2.7	2.0	4.0	1.8	4.1	54.2
E	6	37	109	135	126	167	76	24	25	14	87	89	895
64 C	1.1	1.4	4.4	.9	6.5	7.0	10.9	6.6	6.6	8.3	4.6	9.0	67.3
E	87	29	86	68	109	68	140	141	81	156	80	173	1218
66 C	3.0	3.2	2.4	2.6	6.3	4.8	1.8	.3	.3	1.2	.7	2.9	29.5
E	36	63	81	50	119	107	50	9	9	21	5	88	638
68 C	8.9	4.5	5.6	13.7	18.7	17.6	19.8	15.0	24.2	29.4	25.9	27.6	211
E	339	192	260	355	438	344	385	317	407	655	407	794	4893

Note: + = less than .05 metric ton.

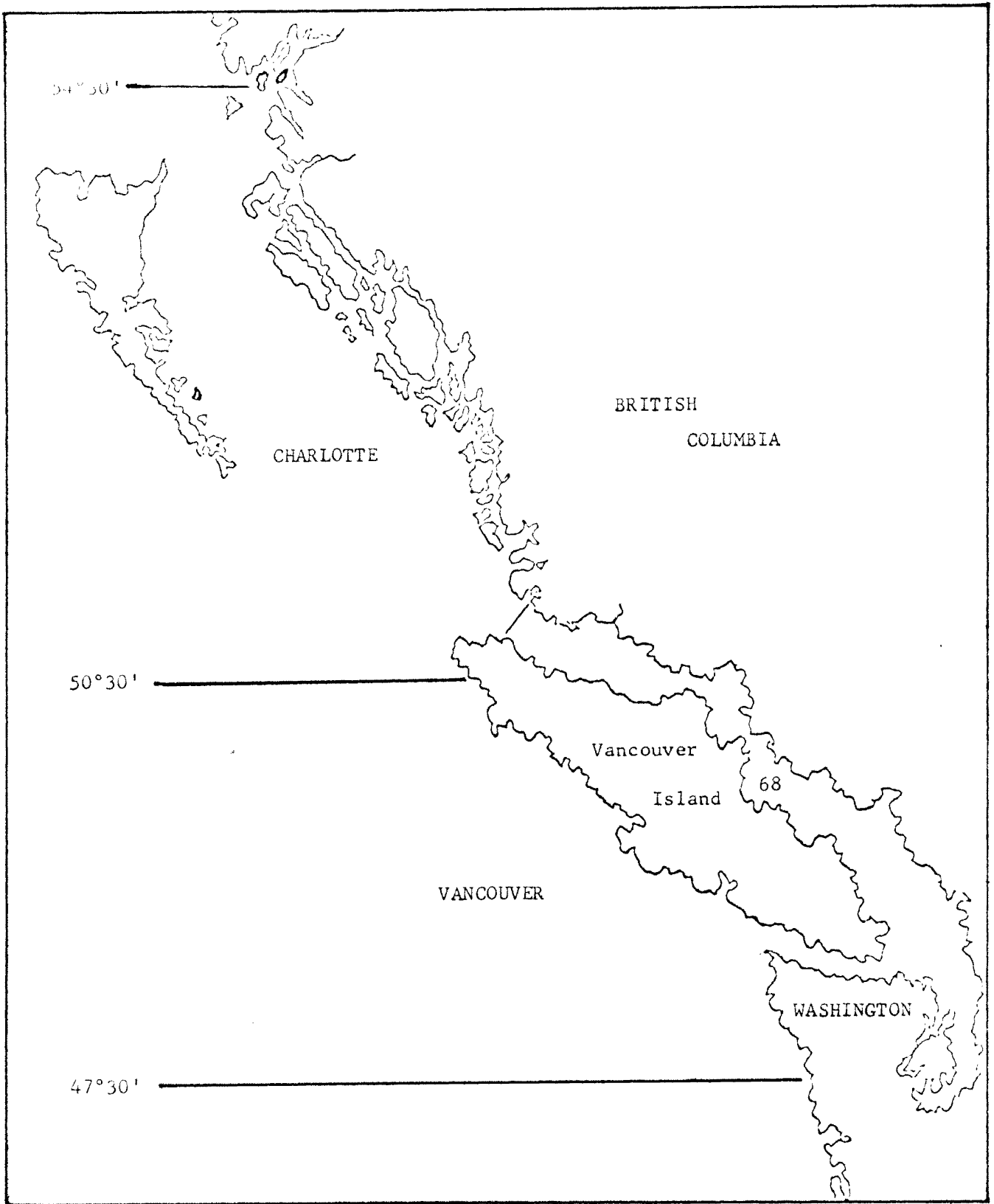


Fig. 1. INPFC SHRIMP AREAS OFF BRITISH COLUMBIA.

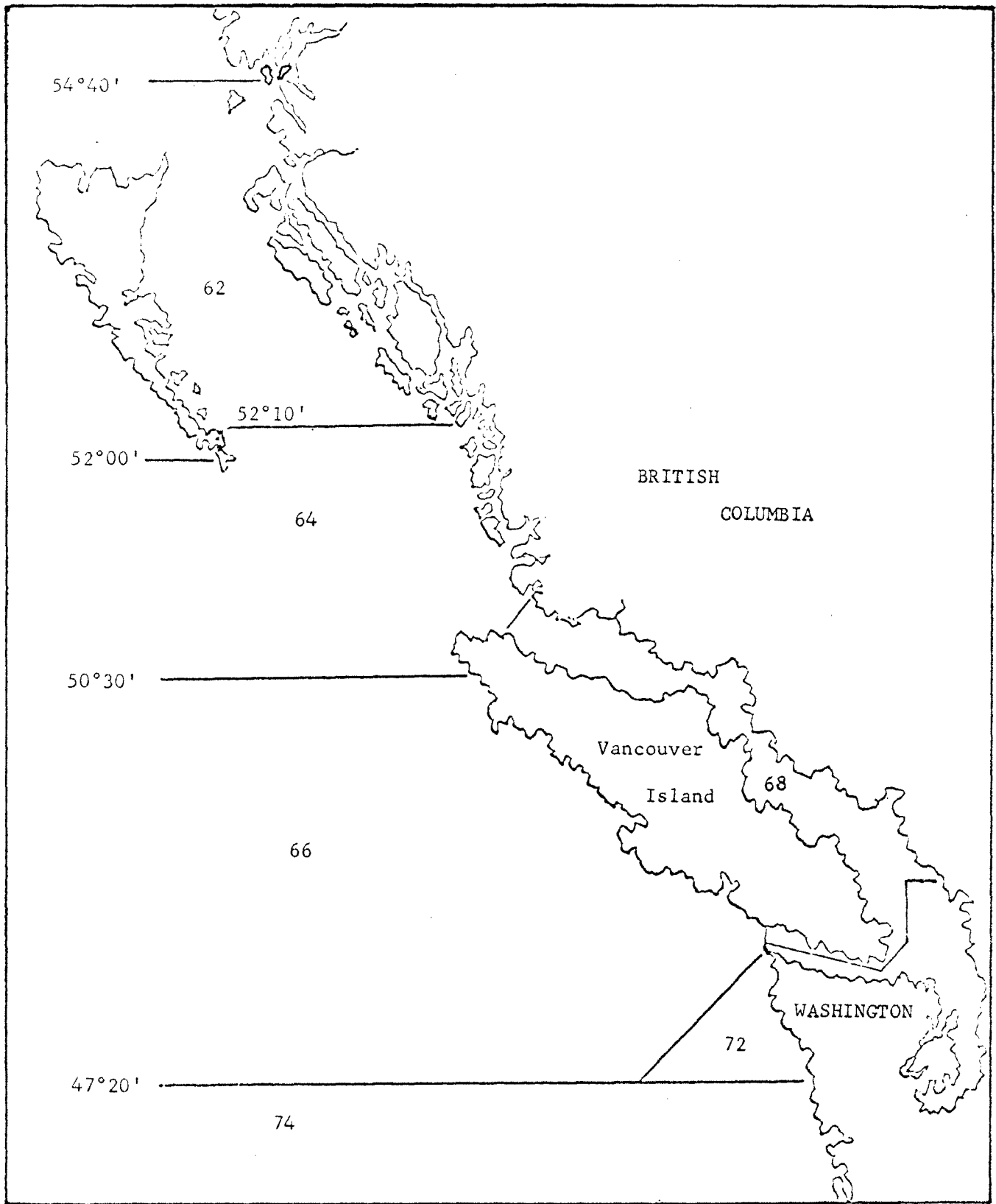


Fig. 2. PACIFIC MARINE FISHERIES COMMISSION (PMFC) SHRIMP FISHING AREAS OFF BRITISH COLUMBIA.