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CATCH AND EFFORT STATISTICS OF THE CANADIAN  
SHRIMP FISHERY ON THE PACIFIC COAST IN 1985

by

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ABSTRACT

Total trawl and trap landings of 1,192 metric tons and total fishing effort of 15,855 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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5. Table of trawl and trap landings of shrimp and effort by Canadian fishermen in 1985 by PMFC area and by month.

INTRODUCTION

Total shrimp landings for the west coast of Canada were 1,192 metric tons, with a landed value of 4.6 million dollars. These landings originate from trawl and trap fisheries.

The trawl fishery consists of offshore otter trawl and inshore beam trawl operations. Offshore smooth pink shrimp, Pandalus jordani, landings totalled 379 metric tons from the Tofino and Nootka grounds (Vancouver area). Inside beam trawl landings of P. borealis, P. jordani, P. platyceros, and Pandalopsis dispar totalled 288 metric tons from Georgia Strait, and Chatham Sound (both Vancouver and Charlotte areas).

The coastwide trap fishery targets mainly on the prawn, Pandalus platyceros, with a small operation for coonstripe shrimp, P. danae, in Sooke Harbor (Vancouver area). Total landings from these fisheries were 525 metric tons.

Table 1 comparing INPFC and PMFC statistical areas.

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

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Table 2.

Trawl<sup>1</sup> and trap<sup>2</sup> landings (metric tons) of shrimp and effort (days) for Canadian vessels by INPFC area . . . 1985.

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Trawl			Trap		
INPFC areas	Effort	Catch	INPFC areas	Effort	Catch
Charlotte	263	30.3	Charlotte	1,991	104.8
Vancouver	4,943	636.9	Vancouver	8,668	420.5
Total	5,206	667.2		10,659	525.3

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<sup>1</sup>Primarily Pandalus jordani.

<sup>2</sup>Primarily 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 . . . 1985.

Area	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Tot.
<u>Trawl</u>													
62 C	1.4	0.7	1.7	2.7	7.1	0.2	8.4	0	0.1	0.3	6.3	1.7	30.3
E	22	12	26	36	35	7	32	0	4	15	41	32	262
64 C	0	0	+	0	0	0	0	0	0	0	0	0	+
E	0	0	1	0	0	0	0	0	0	0	0	0	1
66 C	5.8	28.7	20.3	17.1	32.1	63.4	54.1	11.9	18.8	54.1	19.3	56.8	382.3
E	42	62	25	58	117	109	89	26	34	68	44	61	735
68 C	20.3	21.1	21.8	22.7	29.0	23.4	21.9	7.0	22.1	25.0	30.2	10.3	254.5
E	374	378	418	485	568	361	268	100	241	404	387	227	4208
<u>Trap</u>													
62 C	4.1	5.9	5.0	6.3	4.0	6.5	2.8	2.2	0.3	2.4	1.9	1.9	43.2
E	79	114	90	133	103	71	127	50	0	49	49	75	949
64 C	1.2	1.8	17.9	10.7	2.3	8.7	1.7	6.2	1.5	2.2	4.6	2.7	61.6
E	38	65	191	144	27	151	48	86	62	67	111	52	1043
66 C	1.2	+	-	5.1	3.5	3.7	1.9	1.2	1.1	1.9	4.3	3.7	27.6
E	31	1	0	231	151	135	60	41	65	136	163	108	1122
68 C	9.3	4.5	5.9	44.4	52.4	49.3	47.4	20.6	29.6	38.3	51.2	40.0	392.9
E	17.6	50	49	762	1010	790	825	509	768	971	812	824	7546

Note: + = less than 0.1 metric ton.

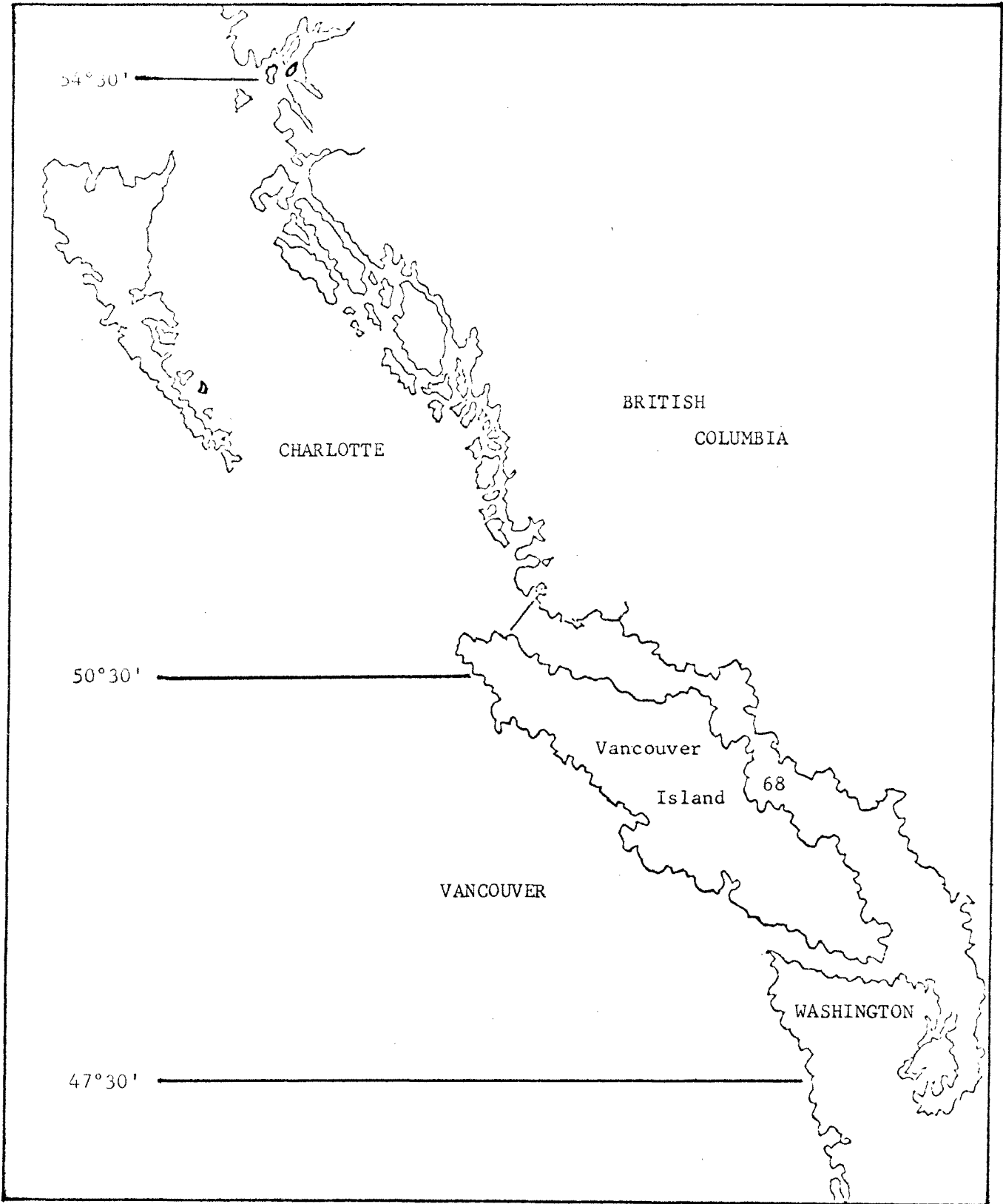


Fig. 1. INPFC SHRIMP AREAS OFF BRITISH COLUMBIA.

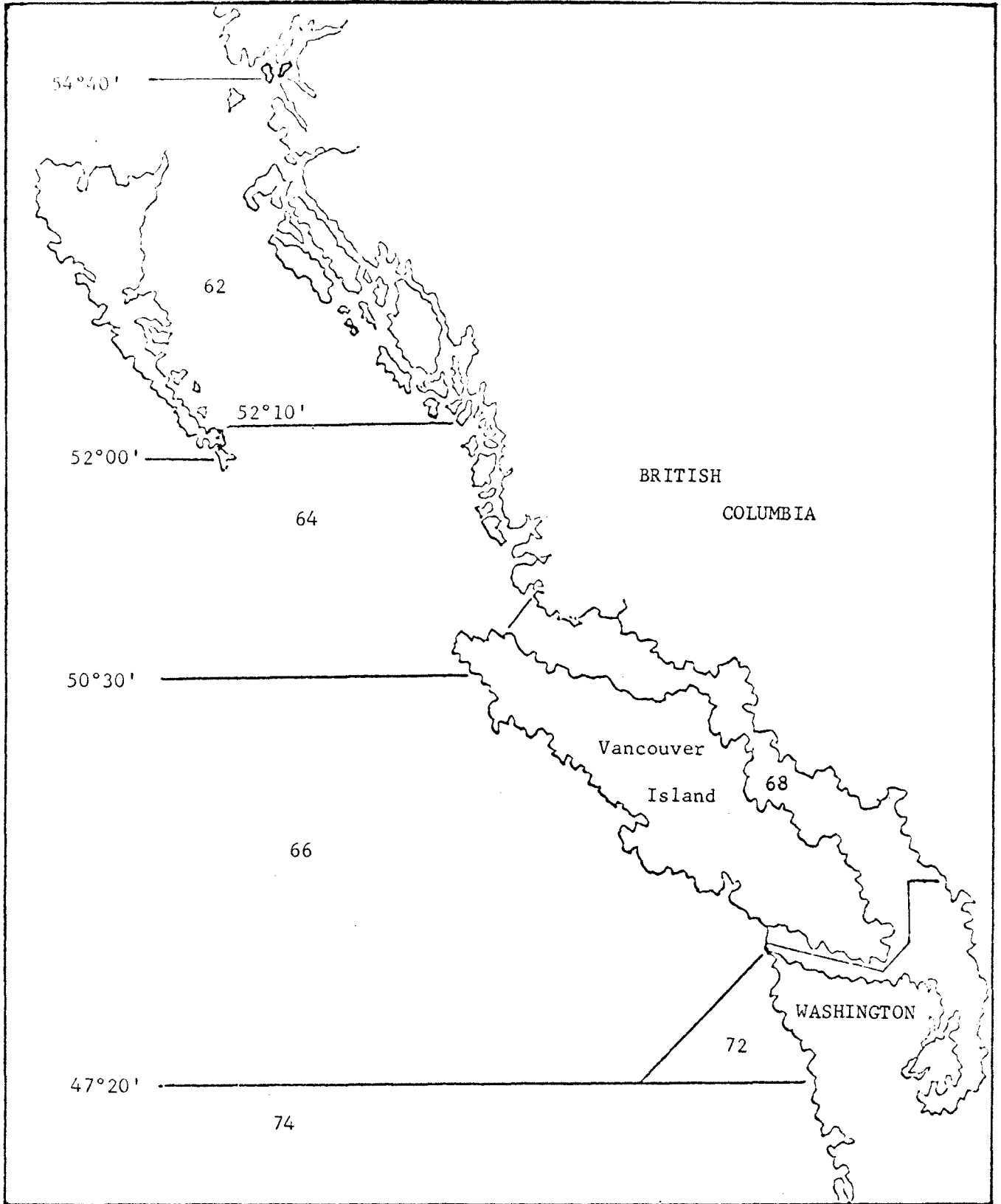


Fig. 2. PACIFIC MARINE FISHERIES COMMISSION (PMFC) SHRIMP FISHING AREAS OFF BRITISH COLUMBIA.