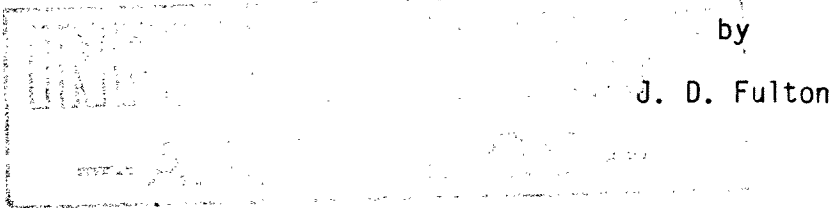


CATCH AND EFFORT STATISTICS OF THE CANADIAN  
SHRIMP FISHERY ON THE PACIFIC COAST IN 1986

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by

J. D. Fulton

Department of Fisheries and Oceans  
Fisheries Research Branch  
Pacific Biological Station  
Nanaimo, British Columbia V9R 5K6

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ABSTRACT

Total trawl and trap landings of 1,297 metric tons and total fishing effort of 15,466 days are tabulated for 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 and effort by Canadian vessels in 1986 by PMFC area and by month.

## INTRODUCTION

Total shrimp landings for the west coast of Canada were 1,297 t, with a value of 4.1 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 482 t from the Tofino and Nootka grounds (Vancouver area). Inside beam trawl landings of P. borealis, P. jordani, P. platyceros, and Pandalopsis dispar totalled 256 t 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 559 t.

Table 1 comparing 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. Trawl<sup>1</sup> and trap<sup>2</sup> landings (t) of shrimp and effort (days) for Canadian Vessels by INPFC area ..... 1985.

Trawl			Trap		
INPFC areas	Effort	Catch	INPFC areas	Effort	Catch
Charlotte	438	36.2	Charlotte	1,932	137.4
Vancouver	4,405	701.3	Vancouver	8,691	421.7
Total	4,843	737.5		10,623	559.1

<sup>1</sup>Primarily Pandalas 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 . . . 1986.

Area	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	<u>Trawl</u>												
62 C	0.7	2.1	8.1	6.8	11.3	0	0.1	0	0.1	2.9	0.3	3.3	35.7
E	15	32	70	63	87	0	2	0	4	69	17	72	431
64 C	0	0	0.1	0	0.3	0	0	0	0	0	0	0	0.5
E	0	0	2	0	5	0	0	0	0	0	0	0	7
66 C	3.0	17.2	0.8	15.6	54.7	52.7	77.4	97.8	81.8	61.6	14.9	4.1	481.5
E	14	26	3	52	169	125	114	92	116	198	54	112	1075
68 C	9.6	14.6	9.8	22.5	23.6	14.3	24.2	14.9	19.9	30.0	25.2	11.3	219.8
E	246	321	203	395	366	182	274	83	212	340	375	333	3330
	<u>Trap</u>												
62 C	8.2	7.3	6.0	10.2	10.8	9.9	13.0	7.6	2.3	6.8	10.2	1.6	93.7
E	121	103	76	170	185	137	138	77	50	137	78	43	1315
64 C	0.0	4.1	9.0	1.0	3.7	0.4	5.1	0.7	2.3	7.4	1.2	9.1	43.7
E	0	29	56	23	141	12	71	19	35	113	16	102	617
66 C	1.0	0.1	0.1	4.6	5.0	1.1	1.2	0.9	1.2	2.5	4.9	3.6	26.1
E	25	5	3	139	177	63	83	51	64	93	150	81	934
68 C	13.6	1.3	2.5	62.0	57.8	37.8	45.7	28.5	13.2	35.2	41.6	56.4	395.6
E	236	5	50	934	1189	737	1028	545	349	794	850	1040	7757

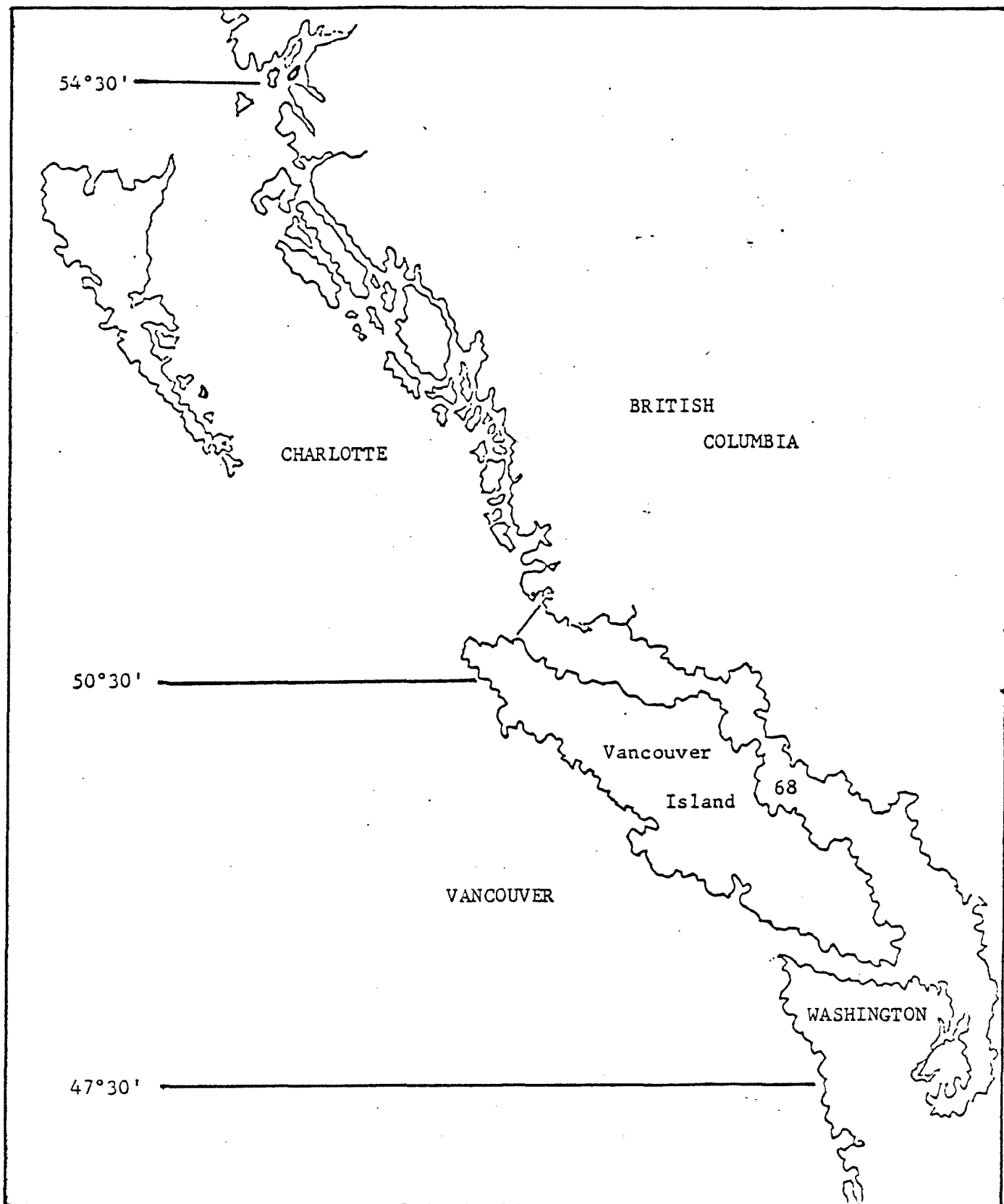


Fig. 1. INPFC SHRIMP AREAS OFF BRITISH COLUMBIA.

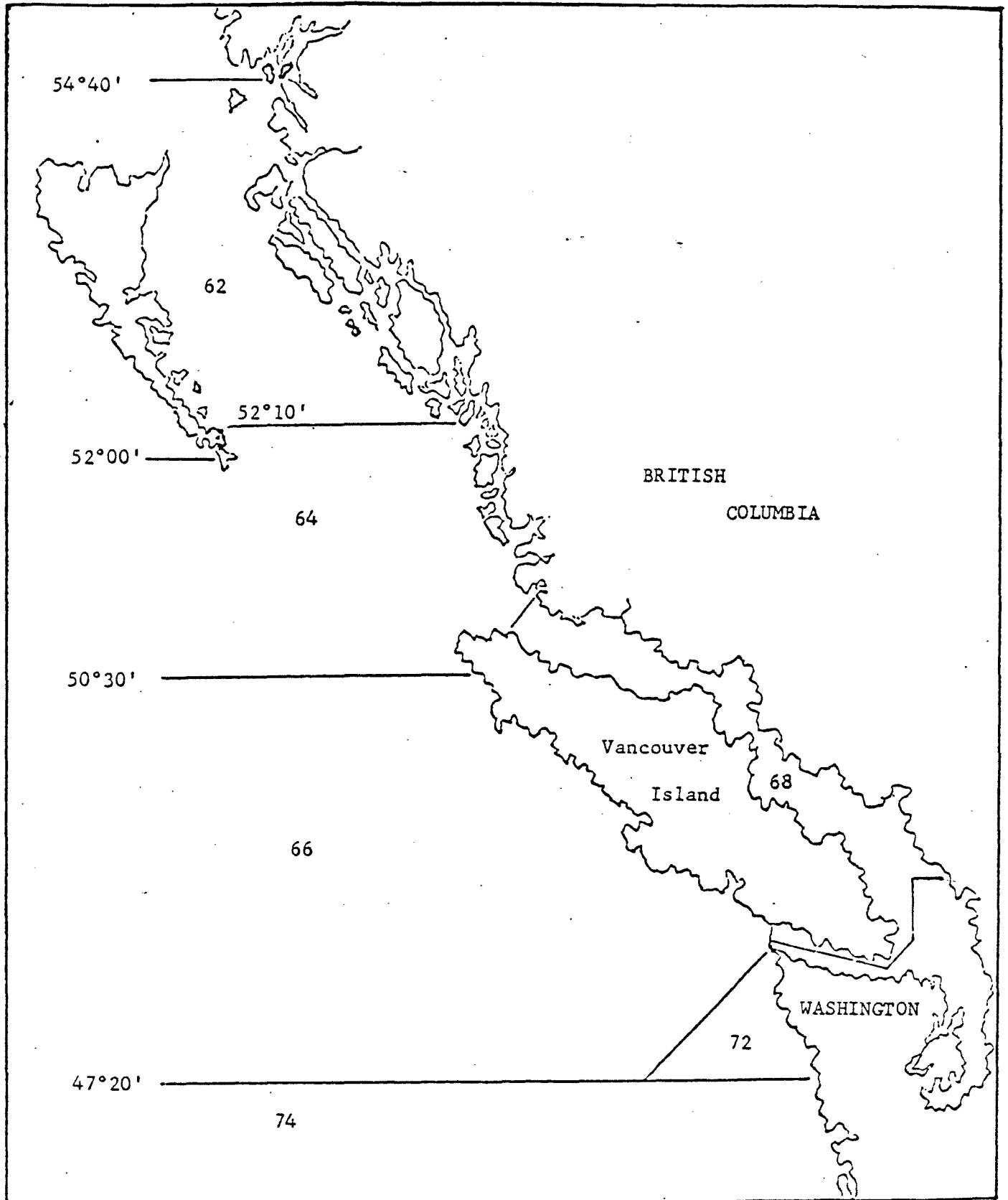


Fig. 2. PACIFIC MARINE FISHERIES COMMISSION (PMFC) SHRIMP FISHING AREAS OFF BRITISH COLUMBIA.