

CATCH AND EFFORT STATISTICS OF THE CANADIAN
SHRIMP FISHERY ON THE PACIFIC COAST IN 1979

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by

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INTRODUCTION

Shrimp fishing on the west coast of Canada is a minor operation with total landings of 716 metric tons valued at \$2,497,000 in 1979. Trawl and trap operations were the same as reported in INPFC Doc. 166. In 1979 about 55% of the total landings were taken by trawl.

Table 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 |

Trawl¹ and trap² landings (metric tons) of shrimp and effort (days) for Canadian vessels by INPFC area--1979.

| Trawl | | | Trap | | |
|--------------|--------------|------------|-------------|--------------|------------|
| INPFC Areas | Effort | Catch | INPFC Areas | Effort | Catch |
| Charlotte | 504 | 37 | Charlotte | 1,063 | 66 |
| Vancouver | 2,902 | 360 | Vancouver | 5,975 | 249 |
| Total | 3,406 | 397 | | 7,038 | 315 |

¹Primarily Pandalus jordani.

²Primarily Pandalus platyceros.

S. Head and K. Pasmans prepared the tables.

Table of trawl and trap landings (C = metric tons) of shrimp and effort (E = days fishing) by Canadian vessels, by PMFC area and by month--1979.

| Area | JAN | FEB | MAR | APR | MAY | JUNE | JULY | AUG | SEPT | OCT | NOV | DEC | Total |
|--------------|-----|-----|-----|-----|-----|------|------|-----|------|-----|-----|-----|-------|
| <u>Trawl</u> | | | | | | | | | | | | | |
| 62C | 2 | 1 | 2 | 1 | 8 | - | - | 1 | + | 7 | 11 | 4 | 37 |
| E | 11 | 8 | 24 | 11 | 13 | - | - | 10 | 11 | 120 | 212 | 84 | 504 |
| 64C | - | - | - | - | - | - | - | - | - | - | - | - | - |
| E | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 66C | - | - | - | 3 | + | 8 | 36 | 58 | 13 | 31 | 9 | 1 | 159 |
| E | - | - | - | 36 | 2 | 3 | 21 | 26 | 12 | 26 | 10 | 11 | 147 |
| 68C | 12 | 20 | 20 | 21 | 14 | 15 | 11 | 6 | 17 | 33 | 26 | 6 | 201 |
| E | 82 | 172 | 264 | 365 | 221 | 195 | 144 | 72 | 236 | 478 | 398 | 128 | 2,755 |
| <u>Trap</u> | | | | | | | | | | | | | |
| 62C | 1 | - | - | - | - | 2 | 5 | 2 | 1 | 1 | 4 | + | 16 |
| E | 44 | - | - | - | - | 19 | 62 | 34 | 14 | 31 | 33 | 12 | 249 |
| 64C | - | + | - | 3 | 1 | 9 | 11 | 1 | 12 | 4 | 7 | 2 | 50 |
| E | - | 38 | - | 71 | 85 | 178 | 98 | 21 | 129 | 47 | 76 | 71 | 814 |
| 66C | 15 | 11 | 14 | 11 | 2 | 4 | 1 | 1 | 2 | 4 | 8 | 2 | 75 |
| E | 251 | 126 | 216 | 164 | 50 | 73 | 35 | 25 | 36 | 67 | 149 | 58 | 125 |
| 68C | 26 | 29 | 15 | 19 | 13 | 5 | 5 | 6 | 6 | 16 | 15 | 19 | 174 |
| E | 469 | 588 | 318 | 347 | 306 | 192 | 243 | 310 | 238 | 528 | 596 | 590 | 4,725 |

+Less than 500 kg.

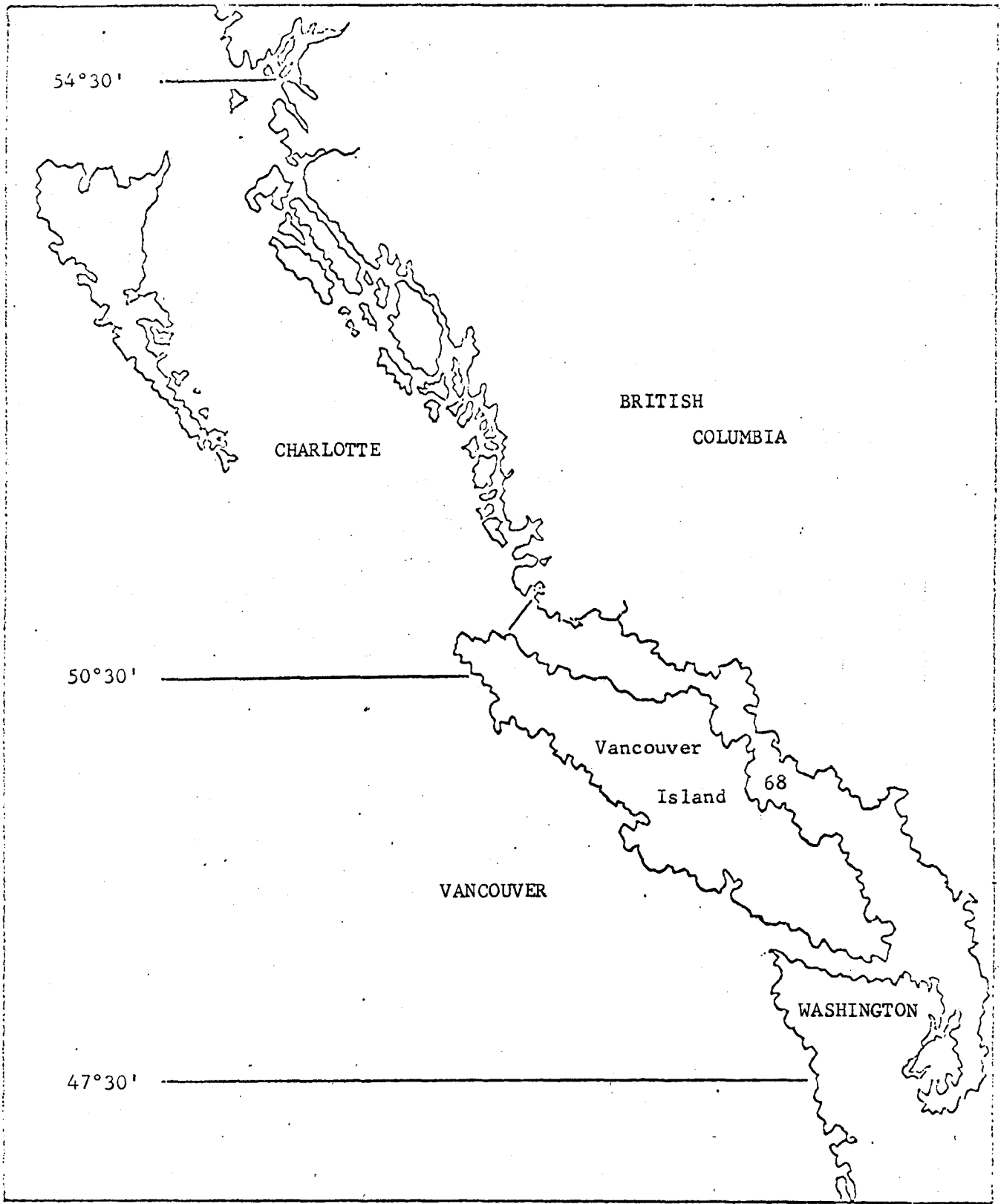


Fig. 1. INPFC SHRIMP AREAS OFF BRITISH COLUMBIA.

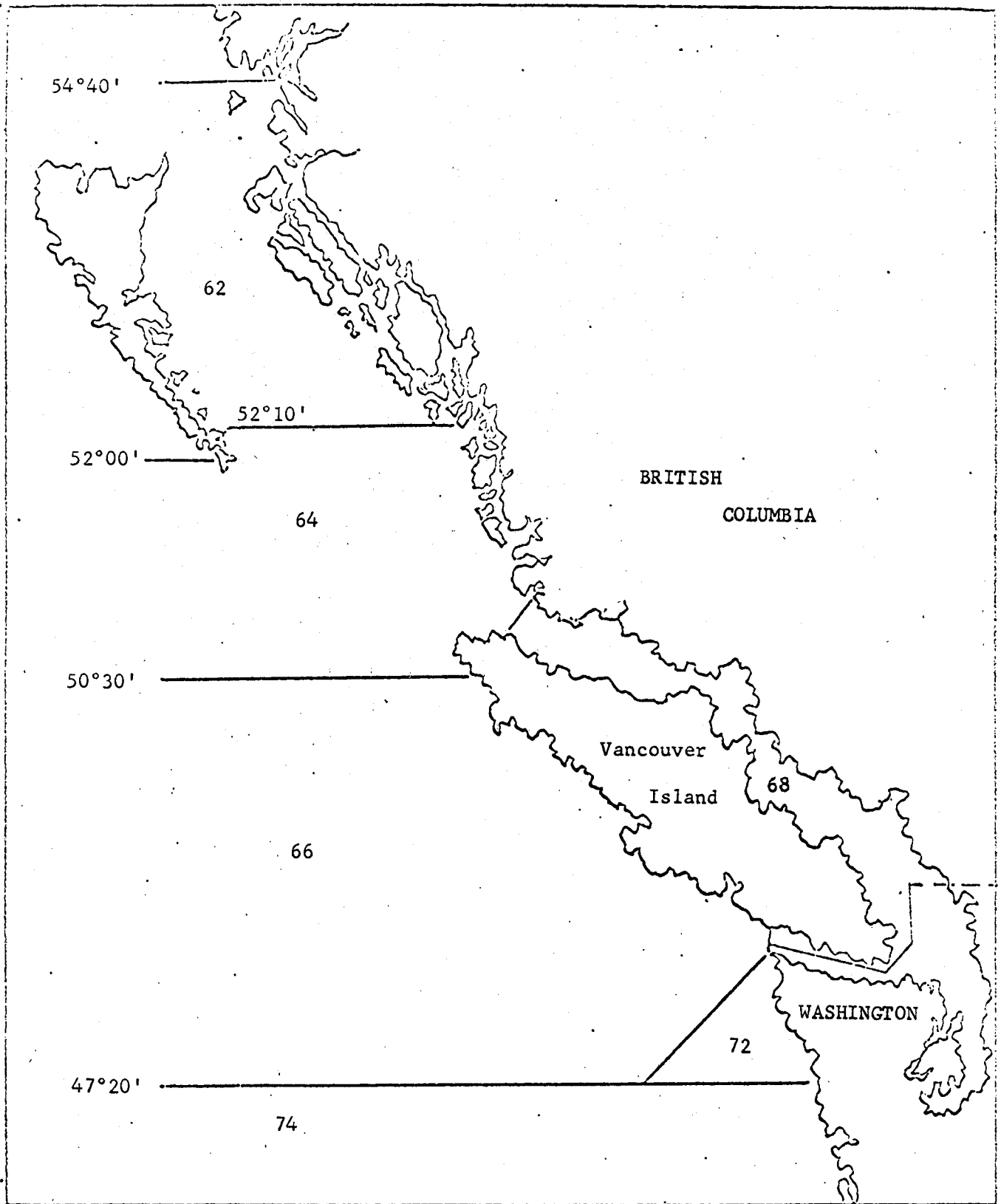


Fig. 2. PACIFIC MARINE FISHERIES COMMISSION (PMFC) SHRIMP FISHING AREAS OFF BRITISH COLUMBIA.