



Scientific Excellence • Resource Protection & Conservation • Benefits for Canadians
Excellence scientifique • Protection et conservation des ressources • Bénéfices aux Canadiens

Not to be cited by
INPFC document number.

| |
|-------------------|
| INPFC DOCUMENT |
| Serial No. 3177 |
| Rev. No. |

**CATCH AND EFFORT STATISTICS OF THE CANADIAN
CRAB FISHERY ON THE PACIFIC COAST IN 1991**

by

C. G. WALLACE

Department of Fisheries and Oceans

Biological Sciences Branch

Pacific Biological Station

Nanaimo, British Columbia V9R 5K6

Submitted to the

INTERNATIONAL NORTH PACIFIC FISHERIES COMMISSION

by the

CANADIAN SECTION

September 1992

THIS PAPER MAY BE CITED IN THE FOLLOWING MANNER:

Wallace, C. G. 1992. MS. Catch and effort statistics of the Canadian crab fishery on the Pacific coast in 1991. 4 p. (Document submitted to the Annual Meeting of the International North Pacific Fisheries Commission, Seattle, USA, October 1992.) Department of Fisheries and Oceans, Biological Sciences Branch, Pacific Biological Station, Nanaimo, B.C., Canada V9R 5K6.



**Fisheries
and Oceans**

**Pêches
et Océans**

Canada

ABSTRACT

Total trap landings increased to 1,928 t in 1991 from 2,113 t in 1990. The Vancouver Area contributed approximately half (987 t) of this total.

INTRODUCTION

Total crab landings for the west coast of Canada were 1928.0 t. A decrease of 8% in the Vancouver Area fishery, compounded with an decrease of 12% in the Queen Charlotte Area, led to an overall decrease of 10% over 1990.

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. Crab landings (t) and effort (days) for Canadian vessels by INPFC area 1991.

| INPFC areas | Effort | Catch |
|-------------|--------|---------|
| Charlotte | 3,703 | 940.9 |
| Vancouver | 15,826 | 987.0 |
| Total | 19,529 | 1,927.9 |

Table 3. Crab landings (C = metric tonnes) and effort (E = days fished) by Canadian vessels, by PMFC area and by month, 1991.

| Area | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|------|-------|-------|-------|--------|--------|--------|--------|--------|-------|--------|-------|-------|--------|
| 62 C | 17.82 | 16.69 | 40.13 | 124.93 | 126.04 | 117.60 | 85.39 | 46.08 | 43.09 | 146.29 | 75.22 | 27.71 | 866.99 |
| E | 112 | 119 | 172 | 337 | 352 | 482 | 353 | 300 | 268 | 614 | 376 | 206 | 3691 |
| 64 C | - | 5.44 | - | - | - | - | - | 5.44 | 25.40 | - | 5.44 | 32.21 | 73.94 |
| E | - | 2 | - | - | - | - | - | 8 | 9 | - | 11 | 12 | 42 |
| 66 C | 13.31 | 12.58 | 10.96 | 20.06 | 29.66 | 31.80 | 30.66 | 36.45 | 25.51 | 31.05 | 12.41 | 26.10 | 280.55 |
| E | 217 | 232 | 265 | 402 | 405 | 433 | 605 | 450 | 467 | 457 | 218 | 380 | 4531 |
| 68 C | 15.12 | 13.00 | 12.04 | 30.79 | 31.61 | 38.71 | 144.04 | 132.62 | 99.29 | 93.67 | 49.25 | 46.35 | 706.49 |
| E | 313 | 290 | 281 | 755 | 747 | 708 | 1590 | 1875 | 1570 | 1529 | 753 | 884 | 11295 |