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SUMMARY OF VESSEL SIZE IN THE CANADIAN TRAWL FLEET
ON THE PACIFIC COAST, 1970-84

by

J. E. Leaman

Department of Fisheries and Oceans
Fisheries Research Branch
Pacific Biological Station
Nanaimo, B.C. V9R 5K6

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The total number of Canadian trawl vessels fishing for groundfish on the Pacific coast in 1984 decreased slightly to 82 vessels (Table 1). The average size of these vessels was 101 gross tons, and they ranged from 9 to 453 gross tons. Seventy-one percent of the vessels fished 6 or more months of the year; their average size was 102 gross tons (Table 2). Trends in vessel size in the Canadian fleet from 1970-84 are shown in Figure 1. Vessel size data prior to 1970 are contained in INPFC Doc. No. 2441.

Table 1. Size distribution (gross tons) of vessels engaged in the Canadian trawl fishery on the Pacific coast.

| Tonnage class | Number of vessels | | | | | | |
|----------------|-------------------|-------|-------|-------|-------|-------|-------|
| | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 |
| <25 | 11 | 13 | 10 | 12 | 13 | 13 | 13 |
| 25-49 | 20 | 19 | 15 | 21 | 16 | 15 | 19 |
| 50-74 | 19 | 18 | 18 | 13 | 12 | 17 | 20 |
| 75-99 | 5 | 6 | 6 | 7 | 12 | 14 | 14 |
| 100-149 | 4 | 3 | 1 | 3 | 3 | 5 | 7 |
| 150-199 | 4 | 4 | 4 | 4 | 7 | 5 | 6 |
| 200-299 | 1 | 1 | 1 | 1 | 4 | 5 | 5 |
| 300-399 | - | - | 1 | 1 | 1 | 2 | 3 |
| >400 | - | - | - | - | - | - | - |
| Total vessels | 64 | 64 | 56 | 62 | 68 | 76 | 87 |
| Avg. gr. tons | 61 | 60 | 66 | 65 | 80 | 84 | 86 |
| Total gr. tons | 3,654 | 3,840 | 3,702 | 4,024 | 5,465 | 6,378 | 7,460 |

| Tonnage class | Number of vessels | | | | | | | |
|----------------|-------------------|-------|--------|--------|--------|-------|-------|-------|
| | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 |
| <25 | 21 | 19 | 17 | 18 | 16 | 14 | 14 | 9 |
| 25-49 | 23 | 28 | 25 | 22 | 18 | 16 | 17 | 17 |
| 50-74 | 17 | 14 | 17 | 17 | 17 | 12 | 11 | 12 |
| 75-99 | 15 | 18 | 20 | 18 | 16 | 15 | 15 | 15 |
| 100-149 | 10 | 11 | 12 | 15 | 13 | 14 | 13 | 15 |
| 150-199 | 5 | 7 | 8 | 6 | 6 | 5 | 7 | 6 |
| 200-299 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 |
| 300-399 | 4 | 2 | 2 | 2 | 2 | 1 | 1 | 1 |
| >400 | 1 | 3 | 5 | 4 | 2 | 1 | 1 | 1 |
| Total vessels | 101 | 107 | 111 | 108 | 96 | 84 | 85 | 82 |
| Avg. gr. tons | 85 | 92 | 108 | 107 | 105 | 101 | 96 | 101 |
| Total gr. tons | 8,573 | 9,863 | 11,985 | 11,564 | 10,102 | 8,514 | 8,122 | 8,241 |

Table 2. Size distribution (gross tons) of vessels fishing 6 months or longer engaged in the Canadian trawl fishery on the Pacific coast.

| Tonnage class | Number of vessels | | | | | | |
|----------------|-------------------|-------|-------|-------|-------|-------|-------|
| | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 |
| <25 | 4 | 4 | 3 | 3 | 5 | 3 | 5 |
| 25-49 | 14 | 13 | 7 | 9 | 5 | 10 | 9 |
| 50-74 | 11 | 14 | 11 | 8 | 7 | 8 | 7 |
| 75-99 | 4 | 3 | 4 | 5 | 3 | 8 | 7 |
| 100-149 | 1 | 1 | 1 | 2 | 3 | 4 | 4 |
| 150-199 | 3 | 3 | 2 | 1 | 3 | 4 | 5 |
| 200-299 | - | - | 1 | 1 | 1 | 4 | 5 |
| 300-399 | - | - | - | 1 | 1 | 1 | 2 |
| >400 | - | - | - | - | - | - | - |
| Total vessels | 38 | 38 | 29 | 30 | 28 | 42 | 44 |
| Avg. gr. tons | 60 | 61 | 71 | 76 | 88 | 97 | 108 |
| Total gr. tons | 2,280 | 2,322 | 2,056 | 2,271 | 2,468 | 4,061 | 4,748 |

| Tonnage class | Number of vessels | | | | | | | |
|----------------|-------------------|-------|-------|-------|-------|-------|-------|-------|
| | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 |
| <25 | 4 | 7 | 10 | 7 | 7 | 7 | 7 | 6 |
| 25-49 | 8 | 8 | 13 | 12 | 7 | 10 | 12 | 13 |
| 50-74 | 9 | 5 | 6 | 7 | 7 | 6 | 7 | 7 |
| 75-99 | 10 | 10 | 8 | 13 | 12 | 13 | 12 | 12 |
| 100-149 | 3 | 4 | 7 | 10 | 8 | 8 | 7 | 10 |
| 150-199 | 3 | 6 | 6 | 3 | 3 | 3 | 3 | 4 |
| 200-299 | 3 | 4 | 4 | 3 | 2 | 3 | 4 | 4 |
| 300-399 | 3 | 2 | 2 | 2 | 1 | 1 | 1 | 1 |
| >400 | - | 1 | 2 | 3 | 1 | - | - | 1 |
| Total vessels | 43 | 47 | 58 | 60 | 48 | 51 | 53 | 58 |
| Avg. gr. tons | 101 | 111 | 112 | 116 | 110 | 92 | 93 | 102 |
| Total gr. tons | 4,335 | 5,221 | 6,478 | 6,961 | 5,267 | 4,678 | 4,903 | 5,933 |

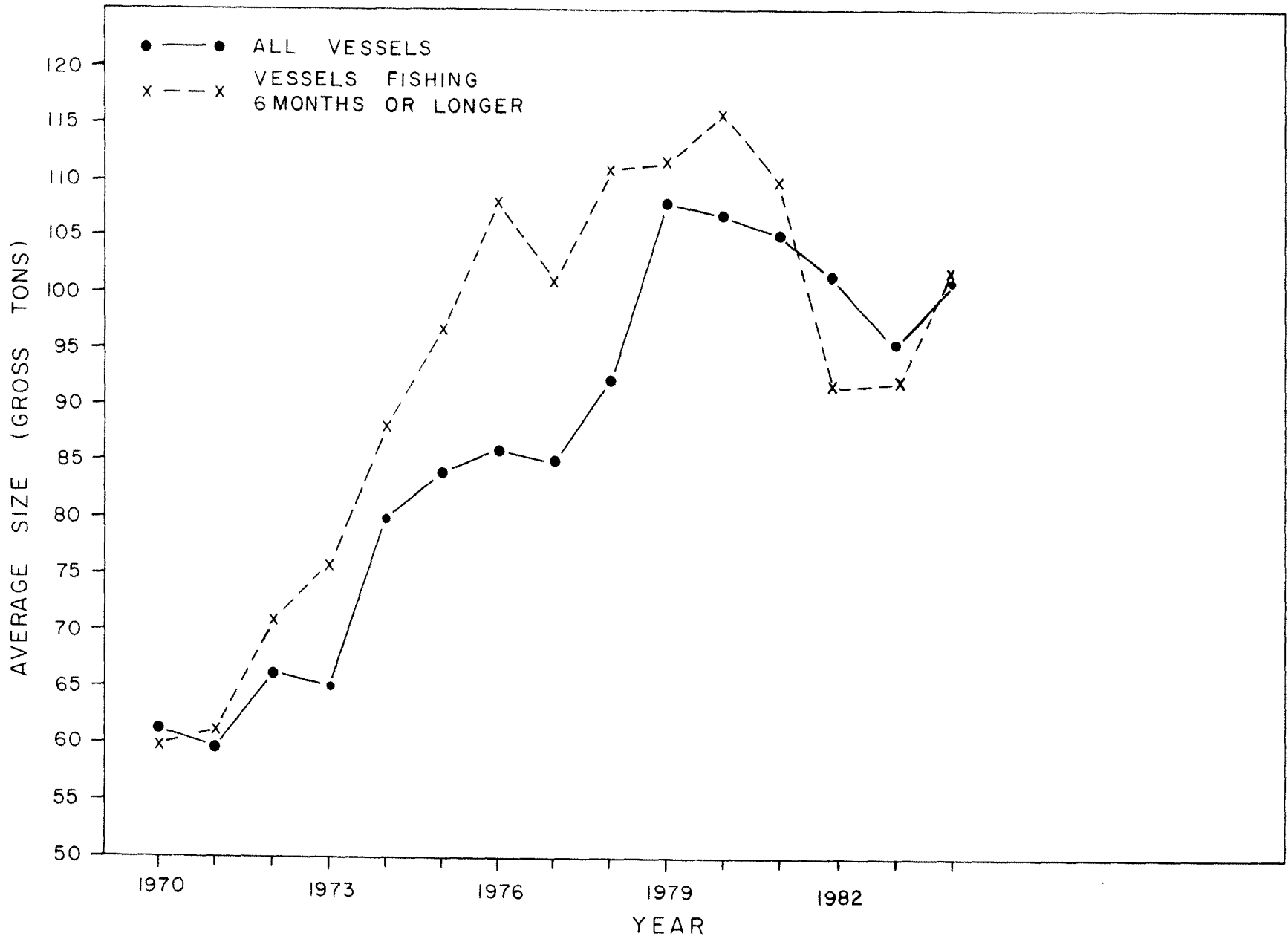


Fig. 1. Trends in vessel size in the Canadian trawl fleet, 1970-84.