

INTERNATIONAL COMMISSION

FOR THE

NORTHWEST ATLANTIC FISHERIES



SAMPLING YEARBOOK

VOLUME 10

for the year 1965

Prepared by G.F. Schrader

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Dartmouth, N. S., Canada

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PREFACE

This volume of the Sampling Yearbook summarizes length, age and weight data for cod, haddock, redfish, silver hake, red hake, American plaice, witch, yellowtail, winter flounder and pollock collected during the calendar year 1965 in the ICNAF area.

Data has been contributed by Canada, Denmark, Federal Republic of Germany, Iceland, Norway, Poland, Portugal, USSR, UK and USA.

No data were received from France and Spain covering their 1965 sampling. Italy did not fish during 1965.

Presentation of the data in this volume follows the 1964 recommendations of the Sampling Subcommittee (Redbook 1964, Pt. 1, p. 36-37):

- a) that countries be requested to continue to report length composition data as numbers per mille on the same time (month), area (statistical division), gear and vessel category basis as in previous years, and that for redfish and species of flounder and halibut (but not other species) they should also be broken down by sex, and for redfish by 50-fathom depth zones also. Other items of relevant information should also be reported and published in accordance with earlier recommendations (see "Report of Working Group on Sampling Yearbook"; Redbook 1962, Part 1, p. 39-41). The importance of continuing to supply information on the number and weight of fish measured and the number and weight of fish caught or landed in the sampled fishery is particularly stressed.
- b) that age data for cod and haddock should, in future, be reported and published in the form of age-length keys grouped by quarters, statistical division, gear and vessel category. For all other species age data should continue to be reported as direct age-compositions as in the past.
- c) that when both length and age data are available for cod and haddock for the same fishery, they should be reported and published in a composite, tabular form.

Following the 1965 recommendations of the Subcommittee (Redbook 1965, Pt. 1, p. 69-70):

- 1) that publication in the Sampling Yearbook of the age-length key data for 1961, 1962 and 1963 be deferred
and
- ii) that within the next two years the Statistician of the ICNAF Secretariat make arrangements for transferring this age-length

information to data-processing cards, and in association with ICNAF scientists carry out a study of the heterogeneity of the material with a view to preparing summary tables for study and eventual publication.

These age-length keys are, by courtesy of the Woods Hole Laboratory of the U. S. Bureau of Commercial Fisheries, being transferred to data-processing cards for study of the heterogeneity of the material.

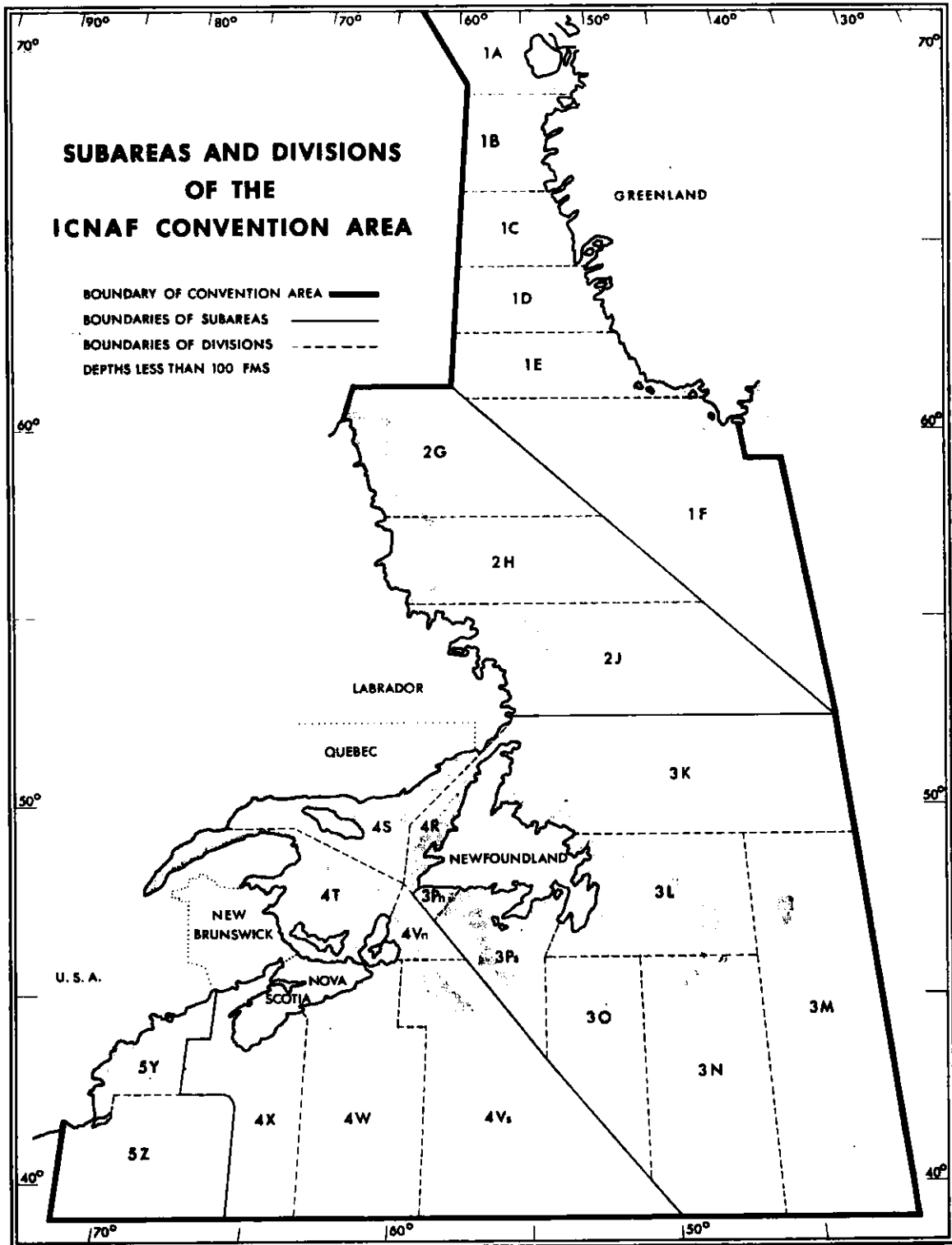
Where length data alone were submitted, length frequencies are reported for all species on a "per mille" basis. Where age data alone were submitted, age compositions are reported for all species except cod and haddock on a "per mille" basis. Where age and length data for cod and haddock were submitted but were not from the same fishery, age-length keys on an actual number basis are reported. Where age and length data for cod and haddock were submitted and were from the same fishery then there is reported, on a single form called the age-length table:

1. The age-length key, in actual numbers, of the composite quarterly age samples,
2. The length composition, in "per mille" of the composite monthly length samples,
3. The age composition of landings in each month of the quarter by using the age-length key to calculate the proportion of ages in each length group in the composite length compositions.

The Secretariat is grateful to the personnel of those laboratories who have continued to support the Commission's need for more and adequate sampling of the ICNAF fish stocks with a view to providing better fishery assessments in relation to regulation problems.

L. R. Day
Executive Secretary

March, 1967



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NOTES ON THE SAMPLING DATA

The "Notes on the Sampling Data" which appear below have been contributed by the reporting countries. Each contributor is required to report to the Secretariat any information, pertinent to the sampling data, that he wishes to have published.

CANADA (Maritimes and Quebec)

Reported by: A. C. Kohler
D. N. Fitzgerald
A. Marcotte

Commercial landings of groundfish in the provinces of Nova Scotia, New Brunswick and Prince Edward Island have been continuously sampled for size and age composition since 1945. Sampling emphasis has been placed on landings by offshore vessels at the largest groundfish ports, but has also included sampling from the inshore fleets. Length frequencies from routine sampling of the commercial catches and landings are reported to the Commission. Age-frequency data are not reported.

Landings of cod and haddock are normally culled by market category. Cod are divided into Large (Steak) and Medium (Market) sizes at about 10 pounds fresh gutted weight. Small (Scrod) cod and haddock are mainly less than 2 1/2 pounds gutted weight. Small round haddock are sometimes landed in a separate market category. These market categories are usually sampled approximately in proportion to the relative numbers of each in a trip landing. When the final weighout is available the length frequency of the landings is determined by applying weighting factors to each category. Other species reported are not usually culled by market category. Length frequencies by sexes are given for redfish and American plaice sampled in the Maritime Provinces.

Fork length measurements are recorded to the nearest centimetre for each fish. These measurements are reported by 3-cm groups for cod, 2-cm groups for haddock, white hake, pollock, and cusk, and 1-cm groups for redfish and flounders. Mesh size is recorded as the approximate inside, stretched, wet, used, measurement of an average codend mesh. Hook size is given by number, No. 6/0 being the smallest commercial groundfish hook and No. 14 being the largest hook used on longlines by Quebec. Combined samples by tonnage classes are unweighted

CANADA (Newfoundland)

Reported by: A. M. Fleming
A. T. Pinhorn
A. W. May
J. O'Brien

Length frequencies are based on sampling of the commercial landings of cod, haddock and American plaice. The research samples from Labrador were caught on commercial gears operated from a small research boat.

Measurements are of fork lengths recorded to the nearest centimetre and are carried out on shore, before appreciable culling by the plant has occurred. Samples of landings after discard indicate that discarding has taken place at sea before landing. Samples of landings before discard indicate that no discarding has occurred at sea before landing.

The sample frequencies are converted to numbers per mille, but are otherwise unadjusted.

The mesh sizes are difficult to sort since manilla, nylon, drylene, etc., can be used on the same trip and frequencies cannot be separated according to type of twine and size of mesh. Also, the mesh size given is often of the size dry as bought, before use - the only size that the fishermen generally know. The symbols used on the forms are as follows:

M = Manilla
 N = Nylon
 D = Drylene
 C = Courlene
 MONO = Monofilament nylon
 P = Polypropylene

Although the material for codtrap, 3L is given as cotton, there were actually two nylon codtraps in use in the St. John's area. The mesh size given for codtrap is actually the minimum mesh size of the twine in the trap (drying twine).

Some of the redfish frequencies are unsexed. Unfortunately due to a misunderstanding, they were measured this way.

DENMARK (Greenland)

Reported by: Paul M. Hansen

Length measurements are made of the total length (end of tail lobes) and recorded to the centimetre below.

GERMANY, FEDERAL REPUBLIC

Reported by: Arno Meyer

Length measurements are made of the total length (end of tail lobes) and recorded to the centimetre below.

ICELAND

Reported by: Jon Jónsson

Length measurements are taken from total length to nearest centimetre. (Board is offset 0.5 cm to permit reading to nearest cm.)

NORWAY

Reported by: E. Bratberg

Measurements are made of the total length to the nearest centimetre, and not of the fork length as has been erroneously reported in issues of the Sampling Yearbook prior to Volume No. 8 for 1963.

POLAND

Reported by: F. Chrzan

Measurements are made of the total length to the nearest centimetre. The measuring board is offset 0.5 cm to permit measuring to the nearest centimetre.

PORTUGAL

Reported by: Ruy Monteiro

Length measurements are made of the fork length recorded to the nearest centimetre.

UNITED KINGDOM

Reported by: J. A. Gulland

Measurements are made of the total length to the centimetre below.

UNITED STATES

Reported by F. Dreyer

The length frequency samples measurements were made of the fork length to the nearest centimetre for haddock and to the nearest millimetre for redfish. For scale and otolith samples, measurements are made of the fork length to the nearest millimetre for both haddock and redfish.

TABLE 1 LENGTH FREQUENCIES - COD - IA - 1965

(FREQUENCIES IN ‰ - 3 CM GROUPS)

| GEAR | Otter Trawl |
|----------------------------|----------------|
| CATCHES/LANDINGS | (Commercial) |
| MONTH | Landings |
| COUNTRY | October |
| TONNAGE | United Kingdom |
| | 501-900 |
| 42 | 19 |
| 45 | 72 |
| 48 | 134 |
| 51 | 224 |
| 54 | 165 |
| 57 | 86 |
| 60 | 93 |
| 63 | 96 |
| 66 | 24 |
| 69 | 10 |
| 72 | 25 |
| 75 | 14 |
| 78 | 11 |
| 81 | 9 |
| 84 | 5 |
| 87 | 5 |
| 90 | 2 |
| 93 | 2 |
| 96 | - |
| 99 | 2 |
| 102 | 1 |
| Total ‰ | 999 |
| Serial Numbers | - |
| Number of Samples | 1 |
| Number of Fish Measured | 235 |
| Mean Length (cm) | - |
| Mean Weight (kg) | - |
| Total Weight Landed (tons) | 266.2 |
| Estimated Number Landed | 170916 |
| Mesh(mm) or Hook(no.) Size | - |
| Range of Depths (fm) | - |

TABLE 2

LENGTH FREQUENCIES - COD - 18 - 1965

(FREQUENCIES IN ‰ - 3 CM GROUPS)

| GEAR | Otter Trawl | | |
|----------------------------|----------------|---------|----------|
| | (Commercial) | | |
| CATCHES/LANDINGS | Landings | | |
| MONTH | May | October | November |
| COUNTRY | United Kingdom | | |
| TONNAGE | 501-900 | | 901-1800 |
| 36 | 8 | 7 | 4 |
| 39 | 66 | 15 | 19 |
| 42 | 101 | 52 | 87 |
| 45 | 147 | 112 | 189 |
| 48 | 73 | 108 | 200 |
| 51 | 173 | 200 | 192 |
| 54 | 119 | 144 | 136 |
| 57 | 86 | 93 | 60 |
| 60 | 88 | 87 | 49 |
| 63 | 51 | 63 | 15 |
| 66 | 27 | 44 | 15 |
| 69 | 11 | 25 | 4 |
| 72 | 13 | 10 | 11 |
| 75 | 13 | 10 | 4 |
| 78 | 12 | 5 | 11 |
| 81 | 4 | 9 | - |
| 84 | 5 | 2 | - |
| 87 | 4 | 2 | - |
| 90 | 0 | 4 | 4 |
| 93 | 0 | 4 | - |
| 96 | 0 | - | - |
| 99 | 0 | - | - |
| 102 | - | 2 | - |
| 105 | - | 1 | - |
| 108 | - | 1 | - |
| Total ‰ | 1001 | 1000 | 1000 |
| Serial Numbers | - | - | - |
| Number of Samples | 1 | 2 | 1 |
| Number of Fish Measured | 209 | 649 | 265 |
| Mean Length (cm) | - | - | - |
| Mean Weight (kg) | - | - | - |
| Total Weight Landed (tons) | 106.0 | 234.4 | 133.2 |
| Estimated Number Landed | 93657 | 155102 | 111221 |
| Mesh(mm) or Hook(no.) Size | - | - | - |
| Range of Depths (fm) | - | - | - |

TABLE 3 LENGTH FREQUENCIES COD - IC - 1965

(FREQUENCIES IN ‰ - 3 CM GROUPS)

| GEAR | Otter Trawl (Commercial) | |
|----------------------------|-----------------------------|----------|
| CATCHES/LANDINGS | Landings | |
| MONTH | September | November |
| COUNTRY | United Kingdom | |
| TONNAGE | 901-1800 | |
| 36 | - | 4 |
| 39 | 15 | 19 |
| 42 | 41 | 87 |
| 45 | 183 | 189 |
| 48 | 247 | 200 |
| 51 | 235 | 192 |
| 54 | 132 | 136 |
| 57 | 79 | 60 |
| 60 | 32 | 49 |
| 63 | 9 | 15 |
| 66 | 13 | 15 |
| 69 | 6 | 4 |
| 72 | 4 | 11 |
| 75 | 2 | 4 |
| 78 | - | 11 |
| 81 | - | - |
| 84 | - | - |
| 87 | - | - |
| 90 | - | 4 |
| 93 | 2 | - |
| Total ‰ | 1000 | 1000 |
| Serial Numbers | - | - |
| Number of Samples | 2 | 1 |
| Number of Fish Measured | 469 | 265 |
| Mean Length (cm) | - | - |
| Mean Weight (kg) | - | - |
| Total Weight Landed (tons) | 239.5 | 26.7 |
| Estimated Number Landed | 196520 | 22260 |
| Mesh(mm) or Hook(no.) Size | - | - |
| Range of Depths (fm) | - | - |

| GEAR | Otter Trawl (Commercial) | | | | | | |
|----------------------------|-----------------------------|--------|--------|----------|-----------|----------|----------|
| | Landings | | | | | | |
| CATCHES/LANDINGS | February | May | June | July | September | November | December |
| MONTH | United Kingdom | | | | | | |
| COUNTRY | United Kingdom | | | | | | |
| TONNAGE | 501-900 | | | 901-1800 | 501-900 | 901-1800 | |
| 36 | - | 1 | - | - | - | - | - |
| 39 | - | 5 | 1 | - | 33 | 52 | 23 |
| 42 | 4 | 39 | 44 | 13 | 65 | 75 | 87 |
| 45 | 34 | 64 | 74 | 47 | 219 | 123 | 189 |
| 48 | 50 | 85 | 126 | 98 | 237 | 121 | 200 |
| 51 | 88 | 104 | 146 | 112 | 209 | 151 | 192 |
| 54 | 94 | 78 | 91 | 150 | 135 | 135 | 136 |
| 57 | 154 | 72 | 65 | 57 | 70 | 133 | 60 |
| 60 | 181 | 90 | 98 | 60 | 28 | 81 | 49 |
| 63 | 49 | 47 | 78 | 40 | 5 | 38 | 15 |
| 66 | 89 | 57 | 67 | 28 | - | 24 | 15 |
| 69 | 71 | 45 | 23 | 18 | - | 10 | 4 |
| 72 | 72 | 69 | 26 | 58 | - | 3 | 11 |
| 75 | 52 | 70 | 63 | 58 | - | 9 | 4 |
| 78 | 25 | 63 | 50 | 49 | - | 4 | 11 |
| 81 | 6 | 42 | 16 | 98 | - | 16 | - |
| 84 | 6 | 22 | 15 | 23 | - | 4 | - |
| 87 | 10 | 22 | 10 | 30 | - | 4 | - |
| 90 | 4 | 12 | 6 | 39 | - | 6 | 4 |
| 93 | 6 | 8 | - | 7 | - | 5 | - |
| 96 | 3 | 3 | - | 15 | - | 6 | - |
| 99 | - | 2 | - | - | - | 2 | - |
| 102 | 3 | 1 | - | - | - | - | - |
| Total ‰ | 1001 | 1001 | 999 | 1000 | 1001 | 1002 | 1000 |
| Serial Numbers | - | - | - | - | - | - | - |
| Number of Samples | 1 | 4 | 1 | 1 | 1 | 1 | 1 |
| Number of Fish Measured | 262 | 939 | 223 | 264 | 215 | 259 | 265 |
| Mean Length (cm) | - | - | - | - | - | - | - |
| Mean Weight (kg) | - | - | - | - | - | - | - |
| Total Weight Landed (tons) | 112.6 | 1030.9 | 923.0 | 229.7 | 489.4 | 258.3 | 640.3 |
| Estimated Number Landed | 58576 | 528627 | 342868 | 108816 | 414219 | 70942 | 534451 |
| Mesh(mm) or Hook(no.) Size | - | - | - | - | - | - | - |
| Range of Depths (m) | - | - | - | - | - | - | - |

TABLE 5 LENGTH FREQUENCIES - COD - 1E - 1965

(FREQUENCIES IN ‰ - 3 CM GROUPS)

| GEAR | Otter Trawl (Commercial) | | | |
|----------------------------|-----------------------------|-------|--------|-----------|
| CATCHES/LANDINGS | Landings | | | |
| MONTH | May | June | July | September |
| COUNTRY | United Kingdom | | | |
| TONNAGE | 501-900 | | | |
| 30 | - | 3 | - | - |
| 33 | - | - | - | - |
| 36 | - | 3 | - | - |
| 39 | 6 | 22 | 4 | 9 |
| 42 | 73 | 129 | 16 | 13 |
| 45 | 187 | 192 | 79 | 72 |
| 48 | 174 | 174 | 162 | 129 |
| 51 | 136 | 109 | 283 | 323 |
| 54 | 49 | 52 | 134 | 262 |
| 57 | 30 | 41 | 113 | 134 |
| 60 | 32 | 22 | 25 | 30 |
| 63 | 45 | 37 | 36 | 14 |
| 66 | 23 | 31 | 16 | 3 |
| 69 | 47 | 19 | 24 | 0 |
| 72 | 61 | 45 | 29 | 1 |
| 75 | 34 | 26 | 37 | 1 |
| 78 | 29 | 21 | 20 | 1 |
| 81 | 22 | 24 | 6 | 1 |
| 84 | 24 | 18 | 8 | 2 |
| 87 | 9 | 6 | 2 | 2 |
| 90 | 10 | 9 | 1 | 1 |
| 93 | 2 | 11 | - | 1 |
| 96 | 6 | 4 | 1 | 1 |
| 99 | 2 | - | 1 | - |
| 102 | - | 1 | - | 0 |
| 105 | - | - | - | 0 |
| 108 | - | - | - | 0 |
| 111 | - | - | 1 | 0 |
| Total ‰ | 1001 | 999 | 998 | 1000 |
| Serial Numbers | - | - | - | - |
| Number of Samples | 1 | 2 | 1 | 2 |
| Number of Fish Measured | 377 | 362 | 286 | 472 |
| Mean Length (cm) | - | - | - | - |
| Mean Weight (kg) | - | - | - | - |
| Total Weight Landed (tons) | 1777.7 | 99.2 | 147.1 | 335.4 |
| Estimated Number Landed | 1142136 | 72207 | 113046 | 295356 |
| Mesh(mm) or Hook(no.) Size | - | - | - | - |
| Range of Depths (fm) | - | - | - | - |

| GEAR | Otter Trawl (Commercial) | | | | | |
|----------------------------|-----------------------------|--------|-----------|-----------|---------|----------|
| | Landings | | | | | |
| CATCHES/LANDINGS | | | | | | |
| MONTH | May | June | September | September | October | November |
| COUNTRY | United Kingdom | | | | | |
| TONNAGE | 501-900 | | 901-1800 | 501-900 | | |
| 33 | - | - | - | - | - | 2 |
| 36 | - | 3 | - | - | 3 | 3 |
| 39 | - | 51 | 15 | - | 12 | 15 |
| 42 | 32 | 187 | 41 | 33 | 65 | 42 |
| 45 | 154 | 227 | 183 | 65 | 103 | 93 |
| 48 | 219 | 219 | 247 | 131 | 189 | 144 |
| 51 | 235 | 85 | 235 | 240 | 217 | 200 |
| 54 | 102 | 11 | 132 | 223 | 133 | 158 |
| 57 | 30 | 28 | 79 | 94 | 63 | 90 |
| 60 | 39 | 31 | 32 | 34 | 15 | 23 |
| 63 | 38 | 33 | 9 | 34 | 14 | 13 |
| 66 | 16 | 36 | 13 | 13 | 24 | 17 |
| 69 | 18 | 18 | 6 | 16 | 51 | 20 |
| 72 | 37 | 23 | 4 | 24 | 36 | 35 |
| 75 | 20 | 18 | 2 | 32 | 33 | 20 |
| 78 | 21 | 13 | - | 20 | 24 | 20 |
| 81 | 11 | 12 | - | 23 | 9 | 32 |
| 84 | 11 | 1 | - | 3 | 4 | 30 |
| 87 | 14 | 4 | - | 13 | - | 23 |
| 90 | 3 | 1 | - | 3 | 3 | 11 |
| 93 | - | - | 2 | - | 3 | 7 |
| 96 | - | 1 | - | - | - | 4 |
| 99 | - | - | - | - | - | - |
| 102 | - | - | - | - | - | 0 |
| Total ‰ | 1000 | 1002 | 1000 | 1001 | 1001 | 1002 |
| Serial Numbers | - | - | - | - | - | - |
| Number of Samples | 1 | 1 | 2 | 1 | 1 | 4 |
| Number of Fish Measured | 262 | 372 | 469 | 246 | 308 | 928 |
| Mean Length (cm) | - | - | - | - | - | - |
| Mean Weight (kg) | - | - | - | - | - | - |
| Total Weight Landed (tons) | 685.6 | 372.1 | 554.4 | 136.9 | 97.7 | 428.0 |
| Estimated Number Landed | 533983 | 357159 | 464930 | 88450 | 69361 | 255184 |
| Mesh(mm) or Hook(no.) Size | - | - | - | - | - | - |
| Range of Depths (fm) | - | - | - | - | - | - |

TABLE 7

LENGTH FREQUENCIES COD - 2G - 1965

(FREQUENCIES IN ‰ - 3 CM GROUPS)

| GEAR | Otter Trawl (Commercial) | | | | Jigger (Research) | |
|----------------------------|-----------------------------|-------|----------------|--------|-----------------------|--|
| | Catch before discard | | Landings | | Catch before discard | |
| CATCHES/LANDINGS | March | March | April | May | August | |
| MONTH | Portugal | | United Kingdom | | Canada (Newfoundland) | |
| COUNTRY | 1264.06 | | >1800 | | 901-1800 | |
| TONNAGE | | | | | Small Boat | |
| 39 | 50 | 23 | 4 | - | - | |
| 42 | 60 | 38 | 16 | 11 | 2 | |
| 45 | 60 | 9 | 29 | 33 | 11 | |
| 48 | 128 | 94 | 78 | 66 | 26 | |
| 51 | 140 | 193 | 191 | 77 | 103 | |
| 54 | 125 | 205 | 211 | 169 | 171 | |
| 57 | 95 | 188 | 227 | 104 | 233 | |
| 60 | 105 | 138 | 169 | 197 | 176 | |
| 63 | 98 | 62 | 43 | 142 | 128 | |
| 66 | 78 | 36 | 22 | 77 | 64 | |
| 69 | 53 | 10 | 6 | 55 | 26 | |
| 72 | 10 | 4 | 2 | 44 | 15 | |
| 75 | - | 2 | 1 | 11 | 11 | |
| 78 | - | - | - | 5 | 9 | |
| 81 | - | - | - | 5 | 8 | |
| 84 | - | - | - | - | 2 | |
| 87 | - | - | - | - | 9 | |
| 90 | - | - | - | - | - | |
| 93 | - | - | - | 5 | 4 | |
| 96 | - | - | - | - | - | |
| 99 | - | - | - | - | - | |
| 102 | - | - | - | - | - | |
| 105 | - | - | - | - | 2 | |
| Total ‰ | 1002 | 1002 | 999 | 1001 | 1000 | |
| Serial Numbers | 9 | - | - | - | - | |
| Number of Samples | 1 | 2 | 4 | 1 | 1 | |
| Number of Fish Measured | 400 | 420 | 549 | 183 | 533 | |
| Mean Length (cm) | 55.5 | - | - | - | 60.02 | |
| Mean Weight (kg) | - | - | - | - | - | |
| Total Weight Landed (tons) | 262 | 39.4 | 75.0 | 360.3 | - | |
| Estimated Number Landed | - | 25307 | 52113 | 259605 | - | |
| Mesh(mm) or Hook(no.) Size | 114 | - | - | - | # 5 | |
| Range of Depths (fm) | 202 | - | - | - | 6-14 | |

TABLE 8

LENGTH FREQUENCIES - COD - 2H - 1965

(FREQUENCIES IN ‰ - 3 CM GROUPS)

| GEAR | Otter Trawl | | | Trap | Jigger | |
|----------------------------|----------------|-------|----------|---------------|-------------------------|-------|
| | (Commercial) | | | (Exploratory) | (Commercial) | |
| CATCHES/LANDINGS | Landings | | | Catches | Landings before discard | |
| MONTH | January | March | December | March | July | July |
| COUNTRY | United Kingdom | | | USSR | Canada (Newfoundland) | |
| TONNAGE | 901-1800 | >1800 | | 1800 | Small Boats | |
| 36 | - | - | - | 2 | - | 5 |
| 39 | - | 4 | - | 7 | 11 | 7 |
| 42 | 9 | 15 | 30 | 18 | 29 | 17 |
| 45 | 14 | 19 | 85 | 139 | 75 | 68 |
| 48 | 37 | 171 | 151 | 165 | 102 | 125 |
| 51 | 96 | 239 | 171 | 172 | 168 | 143 |
| 54 | 87 | 216 | 206 | 162 | 183 | 158 |
| 57 | 92 | 136 | 126 | 139 | 197 | 181 |
| 60 | 110 | 80 | 92 | 90 | 125 | 153 |
| 63 | 133 | 32 | 59 | 47 | 86 | 78 |
| 66 | 87 | 25 | 20 | 33 | 14 | 40 |
| 69 | 55 | 16 | 16 | 8 | 4 | 14 |
| 72 | 69 | 12 | 12 | 6 | 5 | 6 |
| 75 | 50 | 9 | 9 | 8 | - | 3 |
| 78 | 41 | 7 | 7 | 3 | - | 1 |
| 81 | 9 | 4 | 4 | 1 | - | - |
| 84 | 9 | 4 | 4 | - | - | - |
| 87 | 18 | 4 | 4 | - | - | - |
| 90 | 28 | 2 | 2 | - | - | - |
| 93 | 41 | 3 | 3 | - | - | - |
| 96 | 5 | - | - | - | - | - |
| 99 | - | - | - | - | - | - |
| 102 | 9 | - | - | - | - | - |
| Total ‰ | 999 | 998 | 1001 | 1000 | 999 | 999 |
| Serial Numbers | - | - | - | - | - | - |
| Number of Samples | 1 | 5 | 1 | - | 3 | 6 |
| Number of Fish Measured | 218 | 604 | 205 | 6997 | 558 | 1037 |
| Mean Length (cm) | - | - | - | 54.19 | 55.13 | 55.86 |
| Mean Weight (kg) | - | - | - | - | - | - |
| Total Weight Landed (tons) | 259.6 | 88.5 | 16.8 | 1535 | - | - |
| Estimated Number Landed | 111398 | 48615 | 11198 | - | - | - |
| Mesh(mm) or Hook(no.) Size | - | - | - | 110 | 3-4 | # 5 |
| Range of Depths (fm) | - | - | - | 125-185 | 10-11 | 7-11 |

TABLE 9

LENGTH FREQUENCIES - COD - 2J - 1965

(FREQUENCIES IN ‰ - 3 CM GROUPS)

| GEAR | Otter Trawl (Commercial) | | | | | |
|----------------------------|-----------------------------|-------|----------|--------|---------|----------|
| | Landings | | | | | |
| CATCHES/LANDINGS | | | | | | |
| MONTH | February | March | March | March | April | May |
| COUNTRY | United Kingdom | | | | | |
| TONNAGE | >1800 | | 901-1800 | | 501-900 | 901-1800 |
| 36 | - | - | - | - | - | - |
| 39 | - | - | - | 5 | - | - |
| 42 | 14 | 35 | - | 7 | 18 | 11 |
| 45 | 59 | 49 | 25 | 32 | 54 | 33 |
| 48 | 94 | 108 | 51 | 136 | 102 | 66 |
| 51 | 160 | 155 | 148 | 126 | 139 | 77 |
| 54 | 181 | 176 | 140 | 214 | 135 | 169 |
| 57 | 149 | 148 | 123 | 126 | 130 | 104 |
| 60 | 126 | 121 | 93 | 152 | 152 | 197 |
| 63 | 28 | 78 | 110 | 81 | 91 | 142 |
| 66 | 39 | 30 | 102 | 62 | 80 | 77 |
| 69 | 29 | 28 | 93 | 30 | 40 | 55 |
| 72 | 19 | 21 | 47 | 13 | 33 | 44 |
| 75 | 23 | 14 | 30 | 7 | 11 | 11 |
| 78 | 16 | 12 | 21 | 6 | 14 | 5 |
| 81 | 9 | 7 | 13 | 1 | 2 | 5 |
| 84 | 15 | 5 | - | 2 | 1 | - |
| 87 | 14 | 5 | 4 | - | 0 | - |
| 90 | 10 | 2 | - | - | 1 | - |
| 93 | 6 | 5 | - | - | - | 5 |
| 96 | 5 | - | - | - | - | - |
| 99 | 2 | - | - | - | - | - |
| 102 | - | - | - | - | - | - |
| 105 | - | - | - | - | - | - |
| 108 | - | - | - | 0 | - | - |
| Total ‰ | 998 | 999 | 1000 | 1000 | 1003 | 1000 |
| Serial Numbers | - | - | - | - | - | - |
| Number of Samples | 4 | 5 | 1 | 1 | 2 | 1 |
| Number of Fish Measured | 560 | 1002 | 236 | 363 | 629 | 183 |
| Mean Length (cm) | - | - | - | - | - | - |
| Mean Weight (kg) | - | - | - | - | - | - |
| Total Weight Landed (tons) | 98.6 | 97.1 | 609.5 | 173.8 | 488.0 | 1161.3 |
| Estimated Number Landed | 45798 | 51366 | 377528 | 132157 | 354318 | 836711 |
| Mesh(mm) or Hook(no.) Size | - | - | - | - | - | - |
| Range of Depths (fm) | - | - | - | - | - | - |

TABLE 9
(cont'd)

LENGTH FREQUENCIES - COD - 2.1 - 1965

(FREQUENCIES IN ‰ - 3 CM GROUPS)

| GEAR | Otter Trawl | | | | | | |
|----------------------------|----------------|----------|---------------|----------|---------|---------|---------|
| | (Commercial) | | (Exploratory) | | | | |
| CATCHES/LANDINGS | Landings | | Catches | | | | |
| MONTH | June | June | January | February | March | June | October |
| COUNTRY | United Kingdom | | USSR | | | | |
| TONNAGE | 501-900 | 901-1800 | 1800 | | | | |
| 21 | - | - | - | - | 1 | 1 | - |
| 24 | - | - | 1 | - | - | 7 | - |
| 27 | - | - | 2 | - | 1 | 9 | - |
| 30 | - | - | 6 | - | 3 | 18 | - |
| 33 | - | - | 14 | 2 | 9 | 38 | 3 |
| 36 | 1 | 2 | 28 | 6 | 15 | 53 | 11 |
| 39 | 3 | 4 | 58 | 22 | 33 | 69 | 16 |
| 42 | 39 | 13 | 82 | 44 | 55 | 86 | 31 |
| 45 | 118 | 36 | 115 | 112 | 158 | 147 | 73 |
| 48 | 238 | 103 | 154 | 147 | 163 | 164 | 131 |
| 51 | 254 | 148 | 138 | 166 | 129 | 126 | 116 |
| 54 | 155 | 135 | 137 | 149 | 134 | 110 | 166 |
| 57 | 87 | 81 | 102 | 122 | 119 | 69 | 194 |
| 60 | 41 | 99 | 80 | 105 | 78 | 58 | 104 |
| 63 | 24 | 58 | 39 | 56 | 45 | 21 | 67 |
| 66 | 16 | 49 | 22 | 34 | 28 | 12 | 44 |
| 69 | 8 | 45 | 15 | 16 | 12 | 7 | 22 |
| 72 | 7 | 36 | 4 | 8 | 5 | 2 | 12 |
| 75 | 4 | 34 | 2 | 6 | 7 | 2 | 7 |
| 78 | 2 | 25 | 1 | 3 | 3 | - | 2 |
| 81 | 1 | 18 | - | 1 | 2 | 1 | 1 |
| 84 | 1 | 34 | - | 1 | - | - | - |
| 87 | 1 | 2 | - | - | - | - | - |
| 90 | 0 | 16 | - | - | - | - | - |
| 93 | 0 | 16 | - | - | - | - | - |
| 96 | - | 7 | - | - | - | - | - |
| 99 | - | 9 | - | - | - | - | - |
| 102 | - | 2 | - | - | - | - | - |
| 105 | - | 7 | - | - | - | - | - |
| 108 | - | 4 | - | - | - | - | - |
| 111 | - | 9 | - | - | - | - | - |
| 114 | 0 | - | - | - | - | - | - |
| 117 | - | 2 | - | - | - | - | - |
| 120 | - | - | - | - | - | - | - |
| 123 | - | - | - | - | - | - | - |
| 126 | - | 5 | - | - | - | - | - |
| 129 | - | - | - | - | - | - | - |
| 132 | - | - | - | - | - | - | - |
| 135 | - | - | - | - | - | - | - |
| 138 | - | 2 | - | - | - | - | - |
| Total ‰ | 1000 | 1001 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Serial Numbers | - | - | - | - | - | - | - |
| Number of Samples | 5 | 2 | - | - | - | - | - |
| Number of Fish Measured | 1072 | 555 | 25440 | 17104 | 18586 | 10354 | 9381 |
| Mean Length (cm) | - | - | 51.52 | 54.22 | 52.66 | 48.79 | 55.45 |
| Mean Weight (kg) | - | - | - | - | - | - | - |
| Total Weight Landed (tons) | 799.4 | 630.5 | 8998 | 15138 | 9635 | 1198 | 29 |
| Estimated Number Landed | 759649 | 306160 | - | - | - | - | - |
| Mesh(mm) or Hook(no.) Size | - | - | 110 | 110 | 110 | 110 | 110 |
| Range of Depths (fm) | - | - | 130-185 | 140-220 | 150-220 | 100-120 | 105-182 |

TABLE 9
(cont'd)

LENGTH FREQUENCIES - COD - 2J - 1965

(FREQUENCIES IN ‰ - 3 CM GROUPS)

| GEAR | Trap | | Jigger (Commercial) | | Gillnet | | |
|----------------------------|-------------------------|----------------------|------------------------|--------|----------------------|----------------|------------------|
| | Landings Before Discard | | | | | | |
| CATCHES/LANDINGS | | | | | | | |
| MONTH | June | July | July | August | July | August | August |
| COUNTRY | Canada (Newfoundland) | | | | | | |
| TONNAGE | Small Boats | | | | | | |
| 36 | 9 | 6 | 10 | - | - | - | - |
| 39 | 40 | 28 | 19 | 1 | - | - | - |
| 42 | 56 | 58 | 45 | 2 | 1 | - | - |
| 45 | 77 | 97 | 77 | 10 | - | - | - |
| 48 | 95 | 117 | 112 | 28 | 6 | - | - |
| 51 | 102 | 103 | 116 | 54 | 28 | - | - |
| 54 | 107 | 129 | 112 | 121 | 104 | 10 | 3 |
| 57 | 138 | 140 | 151 | 169 | 230 | 59 | 5 |
| 60 | 123 | 109 | 122 | 184 | 273 | 204 | 10 |
| 63 | 96 | 92 | 103 | 153 | 198 | 242 | 15 |
| 66 | 48 | 54 | 71 | 96 | 82 | 223 | 31 |
| 69 | 29 | 26 | 19 | 64 | 44 | 140 | 28 |
| 72 | 26 | 18 | - | 43 | 15 | 52 | 59 |
| 75 | 18 | 10 | 19 | 21 | 6 | 26 | 72 |
| 78 | 14 | 4 | 10 | 16 | 5 | 19 | 72 |
| 81 | 1 | 3 | 3 | 10 | 1 | 12 | 75 |
| 84 | 4 | 1 | 3 | 6 | 2 | 5 | 118 |
| 87 | 8 | 1 | 6 | 8 | 4 | - | 113 |
| 90 | 2 | 2 | - | 5 | - | 2 | 136 |
| 93 | 2 | 1 | - | 2 | - | - | 69 |
| 96 | 2 | - | - | - | 1 | 2 | 72 |
| 99 | 1 | - | - | 4 | - | - | 51 |
| 102 | 2 | - | - | 1 | - | - | 26 |
| 105 | 1 | - | - | 2 | - | - | 23 |
| 108 | - | - | - | - | - | - | 5 |
| 111 | - | - | - | - | - | - | - |
| 114 | - | - | - | - | - | - | 3 |
| 117 | - | - | - | - | - | 2 | 5 |
| 120 | - | - | - | - | - | - | 3 |
| 123 | - | - | - | - | - | - | 3 |
| 126 | - | - | - | - | - | - | - |
| 129 | - | - | - | 1 | - | - | - |
| 132 | - | - | - | 1 | - | - | - |
| 135 | - | - | - | - | - | - | 3 |
| Total ‰ | 1001 | 999 | 998 | 1002 | 1000 | 998 | 1000 |
| Serial Numbers | - | - | - | - | - | - | - |
| Number of Samples | 4 | 22 | 2 | 10 | 14 | 2 | 9 |
| Number of Fish Measured | 1064 | 3995 | 311 | 1711 | 1370 | 421 | 389 |
| Mean Length (cm) | 57.04 | 55.72 | 56.54 | 62.68 | 61.40 | 66.07 | 86.34 |
| Mean Weight (kg) | 1.79 | 1.75 | 1.79 | - | 2.03 | - | - |
| Total Weight Landed (tons) | - | - | - | - | - | - | - |
| Estimated Number Landed | - | - | - | - | - | - | - |
| Mesh(mm) or Hook(no.) Size | 3 1/2-4 ¹ | 3 1/2-4 ¹ | # 5 | # 5 | 5 1/2-6 ¹ | 6 ¹ | 6-7 ¹ |
| Range of Depths (fm) | 8-13 | 5-11 | 3-7 | 3-14 | 7-8 | 20 | 15-60 |

¹ Mesh size - inches

TABLE 10
(cont'd)

LENGTH FREQUENCIES - COD - 3K - 1965

(FREQUENCIES IN ‰ - 3 CM GROUPS)

| GEAR | Otter Trawl (Exploratory) | | | | Line Trawl | | Long Line | | |
|----------------------------|------------------------------|---------|--------|-----------|--------------------------|-----------|-----------|--------|-----------|
| | Catches | | | | Landings Before Discards | | | | |
| CATCHES/LANDINGS | | | | | | | | | |
| MONTH | February | April | June | September | July | September | June | July | September |
| COUNTRY | USSR | | | | Canada (Newfoundland) | | | | |
| TONNAGE | 1800 | | | | Small Boats | | | | |
| 21 | - | - | 1 | - | - | - | - | - | - |
| 24 | - | - | 1 | - | - | - | - | - | - |
| 27 | 9 | - | 1 | - | - | - | - | - | - |
| 30 | 9 | 4 | 3 | 1 | - | - | 1 | - | - |
| 33 | 17 | 8 | 13 | 3 | - | 2 | 1 | 1 | - |
| 36 | 22 | 23 | 20 | 7 | 1 | 11 | 1 | 3 | 2 |
| 39 | 48 | 43 | 34 | 8 | 4 | 23 | 3 | 6 | 12 |
| 42 | 96 | 75 | 59 | 15 | 13 | 35 | 5 | 14 | 26 |
| 45 | 87 | 160 | 86 | 51 | 24 | 42 | 12 | 21 | 24 |
| 48 | 126 | 147 | 109 | 103 | 20 | 64 | 20 | 36 | 34 |
| 51 | 112 | 149 | 99 | 80 | 33 | 56 | 34 | 57 | 44 |
| 54 | 96 | 91 | 126 | 138 | 64 | 58 | 73 | 70 | 50 |
| 57 | 78 | 72 | 110 | 210 | 76 | 61 | 83 | 96 | 59 |
| 60 | 170 | 55 | 113 | 127 | 97 | 65 | 94 | 96 | 61 |
| 63 | 74 | 33 | 56 | 119 | 99 | 75 | 124 | 103 | 76 |
| 66 | 17 | 24 | 46 | 71 | 105 | 62 | 114 | 93 | 77 |
| 69 | 17 | 22 | 35 | 35 | 87 | 66 | 106 | 79 | 92 |
| 72 | 9 | 13 | 13 | 18 | 70 | 59 | 66 | 65 | 89 |
| 75 | 4 | 18 | 20 | 8 | 44 | 50 | 72 | 52 | 80 |
| 78 | 9 | 9 | 19 | 3 | 57 | 63 | 46 | 47 | 77 |
| 81 | - | 16 | 6 | 1 | 57 | 49 | 35 | 36 | 61 |
| 84 | - | 14 | 13 | 1 | 47 | 41 | 28 | 31 | 42 |
| 87 | - | 8 | 4 | 1 | 33 | 34 | 18 | 27 | 26 |
| 90 | - | 4 | 3 | - | 29 | 25 | 23 | 20 | 20 |
| 93 | - | 7 | 5 | - | 18 | 19 | 16 | 13 | 14 |
| 96 | - | 1 | 1 | - | 10 | 13 | 7 | 9 | 10 |
| 99 | - | - | 1 | - | 5 | 7 | 5 | 8 | 7 |
| 102 | - | 1 | 1 | - | 1 | 6 | 5 | 6 | 4 |
| 105 | - | - | - | - | 5 | 4 | 3 | 3 | 2 |
| 108 | - | - | 1 | - | - | 3 | 1 | 2 | 5 |
| 111 | - | 2 | - | - | - | 2 | 1 | 1 | 3 |
| 114 | - | 1 | - | - | 1 | 2 | 1 | 1 | 1 |
| 117 | - | - | 1 | - | - | 1 | - | - | - |
| 120 | - | - | - | - | - | 2 | 1 | 1 | 1 |
| 123 | - | - | - | - | - | - | 1 | 1 | - |
| 126 | - | - | - | - | - | - | 1 | - | - |
| 129 | - | - | - | - | - | - | - | - | 1 |
| Total ‰ | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1001 | 998 | 1000 |
| Serial Numbers | - | - | - | - | - | - | - | - | - |
| Number of Samples | - | - | - | - | 8 | 34 | 11 | 32 | 6 |
| Number of Fish Measured | 230 | 1064 | 1515 | 5333 | 818 | 3942 | 1478 | 6901 | 2766 |
| Mean Length (cm) | 52.90 | 54.10 | 56.14 | 57.73 | 68.94 | 66.93 | 68.30 | 67.16 | 69.28 |
| Mean Weight (kg) | - | - | - | - | 3.35 | 3.32 | 3.11 | 3.07 | 3.52 |
| Total Weight Landed (tons) | 306 | 299 | 28 | 50 | - | - | - | - | - |
| Estimated Number Landed | - | - | - | - | - | - | - | - | - |
| Mesh(mm) or Hook(no.) Size | 110 | 110 | 110 | 110 | # 15 | # 15 | 6-0 | 6-0 | 6-0 |
| Range of Depths (fm) | 150-213 | 143-190 | 95-175 | 105-120 | 22-50 | 25-70 | 135-160 | 25-170 | 15-40 |

TABLE 10
(cont'd)

LENGTH FREQUENCIES - COD - 3K - 1965

(FREQUENCIES IN ‰ - 3 CM GROUPS)

| GEAR | Hand Line | | Trap | | Jigger | | Gillnet |
|----------------------------|--------------------------|-------|----------------------|----------------------|--------|-------|------------------|
| | (Commercial) | | | | | | |
| CATCHES/LANDINGS | Landings Before Discards | | | | | | |
| MONTH | June | July | June | July | June | July | July |
| COUNTRY | Canada (Newfoundland) | | | | | | |
| TONNAGE | Small Boats | | | | | | |
| 30 | 2 | - | 7 | 1 | - | - | - |
| 33 | 15 | 2 | 39 | 8 | - | - | - |
| 36 | 58 | 8 | 85 | 37 | 4 | - | - |
| 39 | 85 | 32 | 148 | 76 | 11 | - | - |
| 42 | 89 | 60 | 175 | 107 | 56 | 36 | - |
| 45 | 85 | 93 | 158 | 115 | 97 | 18 | 2 |
| 48 | 83 | 110 | 135 | 110 | 97 | 73 | - |
| 51 | 93 | 143 | 77 | 102 | 145 | 73 | 7 |
| 54 | 100 | 122 | 57 | 94 | 108 | 200 | 5 |
| 57 | 117 | 138 | 35 | 93 | 152 | 164 | 18 |
| 60 | 77 | 124 | 31 | 78 | 123 | 127 | 11 |
| 63 | 69 | 74 | 25 | 64 | 108 | 182 | 25 |
| 66 | 50 | 49 | 10 | 46 | 71 | 36 | 49 |
| 69 | 31 | 28 | 9 | 24 | 30 | 36 | 60 |
| 72 | 19 | 8 | 3 | 16 | - | 18 | 114 |
| 75 | 15 | 6 | 1 | 11 | - | - | 131 |
| 78 | 4 | 2 | 1 | 6 | - | - | 120 |
| 81 | 4 | 1 | 1 | 4 | - | 36 | 91 |
| 84 | 3 | - | - | 3 | - | - | 74 |
| 87 | 2 | - | - | 1 | - | - | 76 |
| 90 | 1 | - | - | 1 | - | - | 69 |
| 93 | - | - | - | 1 | - | - | 42 |
| 96 | - | - | - | - | - | - | 33 |
| 99 | - | - | - | - | - | - | 25 |
| 102 | - | - | - | - | - | - | 20 |
| 105 | - | - | - | - | - | - | 7 |
| 108 | - | - | - | - | - | - | 7 |
| 111 | - | - | - | - | - | - | 9 |
| 114 | - | - | - | - | - | - | 5 |
| 117 | - | - | - | - | - | - | - |
| 120 | - | - | - | - | - | - | 2 |
| Total ‰ | 1002 | 1000 | 997 | 998 | 1002 | 999 | 1002 |
| Serial Numbers | - | - | - | - | - | - | - |
| Number of Samples | 8 | 10 | 11 | 34 | 2 | 1 | 9 |
| Number of Fish Measured | 1088 | 1739 | 3383 | 16285 | 269 | 55 | 449 |
| Mean Length (cm) | 53.26 | 54.86 | 46.57 | 52.92 | 55.67 | 58.91 | 80.89 |
| Mean Weight (kg) | 1.52 | 1.59 | 1.02 | 1.55 | 1.59 | 1.88 | 5.34 |
| Total Weight Landed (tons) | - | - | - | - | - | - | - |
| Estimated Number Landed | - | - | - | - | - | - | - |
| Mesh(mm) or Hook(no.) Size | 1 | 1 | 3 1/2-4 ² | 3 1/2-4 ² | # 5 | # 5 | 6-7 ³ |
| Range of Depths (fm) | 7-20 | 4-8 | 9-16 | 9-19 | 14-17 | 20 | 35-50 |

- 1 Hook Size - # 3020 and # 3021
2 Mesh Size - inches, cotton
3 Mesh Size - inches, nylon

TABLE 11 LENGTH FREQUENCIES - COD - 3L - 1965

(FREQUENCIES IN ‰ - 3 CM GROUPS)

| GEAR | Otter Trawl (Commercial) | | | | | | |
|----------------------------|-----------------------------|----------------------|------------------------|--------------------|--------------------|----------------|----------|
| | Catches | | | | | Landings | |
| CATCHES/LANDINGS | April | May | May | June | November | January | February |
| MONTH | Canada (Newfoundland) | | | | | United Kingdom | |
| COUNTRY | 151-500 | | | | | 501-900 | |
| TONNAGE | 151-500 | 501-900 | 151-500 | 151-500 | 151-500 | 501-900 | >1800 |
| 36 | - | - | 9 | 4 | - | - | - |
| 39 | 3 | - | 14 | 27 | - | 15 | 17 |
| 42 | 8 | 8 | 27 | 112 | 26 | 70 | 28 |
| 45 | 20 | 41 | 52 | 143 | 123 | 87 | 76 |
| 48 | 23 | 99 | 107 | 175 | 180 | 94 | 23 |
| 51 | 27 | 103 | 109 | 103 | 88 | 156 | 103 |
| 54 | 30 | 114 | 73 | 90 | 79 | 143 | 106 |
| 57 | 24 | 107 | 66 | 63 | 61 | 119 | 77 |
| 60 | 27 | 79 | 54 | 85 | 44 | 67 | 126 |
| 63 | 37 | 95 | 59 | 54 | 57 | 76 | 79 |
| 66 | 44 | 83 | 57 | 63 | 61 | 75 | 96 |
| 69 | 42 | 52 | 52 | 31 | 83 | 39 | 110 |
| 72 | 48 | 39 | 25 | 31 | 53 | 13 | 59 |
| 75 | 48 | 39 | 23 | 13 | 70 | 20 | 63 |
| 78 | 69 | 41 | 34 | - | 48 | 6 | 13 |
| 81 | 76 | 27 | 32 | 4 | 13 | 7 | - |
| 84 | 90 | 19 | 23 | - | 9 | 2 | 18 |
| 87 | 83 | 12 | 29 | - | 4 | 4 | 2 |
| 90 | 72 | 8 | 20 | - | - | 2 | 4 |
| 93 | 34 | 8 | 25 | - | - | 1 | - |
| 96 | 44 | 10 | 20 | - | - | - | - |
| 99 | 35 | 4 | 18 | - | - | 1 | - |
| 102 | 32 | 2 | 14 | - | - | 0 | - |
| 105 | 23 | - | 16 | - | - | 1 | - |
| 108 | 23 | 2 | 9 | - | - | 0 | - |
| 111 | 24 | 4 | 11 | - | - | 1 | - |
| 114 | 7 | - | 9 | - | - | 1 | - |
| 117 | 8 | - | 9 | - | - | - | - |
| 120 | - | - | 2 | - | - | - | - |
| 123 | - | - | - | - | - | - | - |
| 126 | - | - | 2 | - | - | - | - |
| 129 | - | 2 | - | - | - | - | - |
| Total ‰ | 1001 | 998 | 1000 | 998 | 999 | 1000 | 1000 |
| Serial Numbers | - | - | - | - | - | - | - |
| Number of Samples | 3 | 3 | 3 | 1 | 1 | 2 | 2 |
| Number of Fish Measured | 709 | 484 | 441 | 223 | 228 | 460 | 390 |
| Mean Length (cm) | 80.76 | 63.06 | 66.97 | 53.88 | 59.51 | - | - |
| Mean Weight (kg) | 5.33 | 2.56 | 3.55 | 1.52 | 2.29 | - | - |
| Total Weight Landed (tons) | 260.2 | 315.4 | 788.9 | 1925.4 | 103.7 | 214.8 | 36.4 |
| Estimated Number Landed | 48777 | 123204 | 222127 | 1267715 | 45222 | 140063 | 15951 |
| Mesh(mm) or Hook(no.) Size | 4 1/2-5 ¹ | 4 5/8 ^{1,4} | 3/8-4 1/2 ² | 4 1/2 ¹ | 4 1/8 ¹ | - | - |
| Range of Depths (fm) | 40-100 | 45-75 | 50-120 | 38-66 | 40 | - | - |

¹ Mesh size - inches, nylon² Mesh size - inches, manilla and nylon

TABLE 11
(cont'd)

LENGTH FREQUENCIES - COD - 3L - 1965

(FREQUENCIES IN ‰ - 3 CM GROUPS)

| GEAR | Otter Trawl | | | | | | |
|----------------------------|----------------|----------|----------|---------------|---------|---------|-----------|
| | (Commercial) | | | (Exploratory) | | | |
| CATCHES/LANDINGS | Landings | | | Catches | | | |
| MONTH | September | December | December | May | June | July | September |
| COUNTRY | United Kingdom | | | USSR | | | |
| TONNAGE | 901-1800 | | 501-900 | 1800 | | | |
| 18 | - | - | - | - | 1 | - | 1 |
| 21 | - | - | - | - | - | - | - |
| 24 | - | - | - | - | 3 | 1 | - |
| 27 | - | - | - | - | 4 | 3 | 3 |
| 30 | - | - | - | 16 | 3 | 6 | 21 |
| 33 | - | - | - | 9 | 9 | 13 | 36 |
| 36 | - | - | 8 | 7 | 21 | 33 | 44 |
| 39 | - | 27 | 43 | 25 | 30 | 43 | 54 |
| 42 | 24 | 62 | 135 | 42 | 56 | 68 | 61 |
| 45 | 72 | 171 | 133 | 147 | 88 | 104 | 100 |
| 48 | 139 | 244 | 98 | 199 | 100 | 110 | 85 |
| 51 | 187 | 217 | 151 | 168 | 75 | 115 | 87 |
| 54 | 145 | 155 | 84 | 216 | 75 | 115 | 65 |
| 57 | 90 | 66 | 53 | 51 | 68 | 103 | 62 |
| 60 | 108 | 31 | 47 | 29 | 80 | 83 | 45 |
| 63 | 66 | 19 | 32 | 11 | 62 | 53 | 58 |
| 66 | 78 | 4 | 98 | 7 | 45 | 42 | 62 |
| 69 | 42 | - | 35 | 20 | 40 | 27 | 41 |
| 72 | 12 | - | 33 | 11 | 24 | 15 | 35 |
| 75 | 12 | - | 25 | 9 | 29 | 11 | 32 |
| 78 | 18 | - | 18 | 7 | 26 | 6 | 33 |
| 81 | 6 | 4 | 5 | 4 | 19 | 5 | 15 |
| 84 | - | - | 1 | 4 | 22 | 4 | 9 |
| 87 | - | - | 1 | 4 | 16 | 5 | 11 |
| 90 | - | - | - | 7 | 21 | 4 | 12 |
| 93 | - | - | - | - | 15 | 3 | 5 |
| 96 | - | - | - | - | 17 | 6 | 6 |
| 99 | - | - | - | - | 14 | 3 | 5 |
| 102 | - | - | - | - | 9 | 4 | 1 |
| 105 | - | - | - | - | 7 | 4 | 5 |
| 108 | - | - | - | - | 6 | 3 | 1 |
| 111 | - | - | - | - | 5 | 2 | 1 |
| 114 | - | - | - | - | 2 | 2 | 1 |
| 117 | - | - | - | - | 4 | 1 | 1 |
| 120 | - | - | - | - | 1 | 1 | 1 |
| Total ‰ | 999 | 1000 | 1000 | 1000 | 997 | 998 | 999 |
| Serial Numbers | - | - | - | - | - | - | - |
| Number of Samples | 1 | 1 | 1 | - | - | - | - |
| Number of Fish Measured | 166 | 258 | 286 | 448 | 2864 | 10111 | 1968 |
| Mean Length (cm) | - | - | - | 52.24 | 61.78 | 55.39 | 56.86 |
| Mean Weight (kg) | - | - | - | - | - | - | - |
| Total Weight Landed (tons) | 521.2 | 632.0 | 53.9 | 423 | 179 | 2881 | 817 |
| Estimated Number Landed | 340632 | 513522 | 60351 | - | - | - | - |
| Mesh(mm) or Hook(no.) Size | - | - | - | 110 | 110 | 110 | 110 |
| Range of Depths (fm) | - | - | - | 100-160 | 130-165 | 105-145 | 113-160 |

TABLE 11
(cont'd)

LENGTH FREQUENCIES COD - 3L - 1965

(FREQUENCIES IN ‰ - 3 CM GROUPS)

| GEAR | Long Line | | | Hand Line | | |
|----------------------------|--------------------------|--------|-----------|------------|------------|------------|
| | (Commercial) | | | | | |
| CATCHES/LANDINGS | Landings Before Discards | | | | | |
| MONTH | June | July | September | June | July | September |
| COUNTRY | Canada (Newfoundland) | | | | | |
| TONNAGE | Small Boats | | | | | |
| 30 | - | - | - | 1 | - | 1 |
| 33 | 2 | - | - | 15 | 2 | 14 |
| 36 | 6 | 3 | 2 | 49 | 8 | 73 |
| 39 | 15 | 6 | 8 | 93 | 35 | 142 |
| 42 | 19 | 15 | 18 | 75 | 72 | 173 |
| 45 | 48 | 21 | 29 | 77 | 92 | 135 |
| 48 | 46 | 33 | 32 | 79 | 113 | 103 |
| 51 | 86 | 56 | 64 | 90 | 107 | 68 |
| 54 | 67 | 67 | 74 | 75 | 117 | 65 |
| 57 | 113 | 90 | 94 | 104 | 106 | 45 |
| 60 | 141 | 120 | 116 | 80 | 95 | 43 |
| 63 | 104 | 123 | 126 | 88 | 77 | 46 |
| 66 | 87 | 100 | 106 | 54 | 66 | 34 |
| 69 | 63 | 83 | 96 | 47 | 45 | 20 |
| 72 | 48 | 70 | 71 | 32 | 29 | 11 |
| 75 | 35 | 62 | 41 | 11 | 15 | 10 |
| 78 | 24 | 43 | 35 | 10 | 8 | 7 |
| 81 | 19 | 28 | 18 | 8 | 5 | 4 |
| 84 | 19 | 20 | 17 | 6 | 3 | 3 |
| 87 | 6 | 16 | 16 | - | 1 | 1 |
| 90 | 13 | 12 | 12 | 1 | 1 | 1 |
| 93 | 11 | 11 | 10 | 1 | 1 | - |
| 96 | 2 | 6 | 4 | 1 | - | - |
| 99 | 11 | 5 | 4 | - | - | - |
| 102 | 4 | 3 | 3 | - | - | - |
| 105 | 6 | 3 | 1 | - | - | - |
| 108 | 2 | 2 | 3 | - | - | - |
| 111 | 2 | 1 | 1 | - | - | - |
| 114 | 2 | - | - | - | - | - |
| 117 | - | - | 1 | - | - | - |
| 120 | - | - | - | - | - | - |
| 123 | - | - | 1 | - | - | - |
| Total ‰ | 1001 | 999 | 1003 | 997 | 998 | 999 |
| Serial Numbers | - | - | - | - | - | - |
| Number of Samples | 3 | 9 | 10 | 6 | 11 | 12 |
| Number of Fish Measured | 538 | 2071 | 1850 | 970 | 2388 | 2564 |
| Mean Length (cm) | 63.31 | 65.95 | 65.00 | 54.55 | 56.01 | 49.48 |
| Mean Weight (kg) | 2.46 | 2.73 | 2.68 | 1.68 | 1.78 | 1.41 |
| Total Weight Landed (tons) | - | - | - | - | - | - |
| Estimated Number Landed | - | - | - | - | - | - |
| Mesh(mm) or Hook(no.) Size | # 6/0 | # 6/0 | # 6/0 | #3020&3021 | #3020&3021 | #3020&3021 |
| Range of Depths (fm) | 135-150 | 95-145 | 130-150 | 6-30 | 7-20 | 10-30 |

TABLE 11
(cont'd)

LENGTH FREQUENCIES -- COD -- 3L -- 1965

(FREQUENCIES IN ‰ - 3 CM GROUPS)

| GEAR | Trap | | | Gillnet | | |
|----------------------------|--------------------------|----------------|------------------|----------------|------|----------------------|
| | (Commercial) | | | | | |
| CATCHES/LANDINGS | Landings Before Discards | | | | | |
| MONTH | June | July | May | June | July | |
| COUNTRY | Canada (Newfoundland) | | | | | |
| TONNAGE | Small Boats | | | | | |
| 30 | 1 | 2 | - | - | - | - |
| 33 | 9 | 15 | - | - | - | - |
| 36 | 33 | 58 | - | - | - | - |
| 39 | 77 | 106 | 3 | - | - | 2 |
| 42 | 102 | 131 | 5 | 1 | - | 4 |
| 45 | 127 | 140 | 3 | 7 | - | 4 |
| 48 | 139 | 128 | 5 | 5 | - | 9 |
| 51 | 111 | 108 | 3 | 4 | - | 6 |
| 54 | 88 | 77 | 4 | 4 | - | 8 |
| 57 | 88 | 62 | 11 | 7 | - | 11 |
| 60 | 68 | 55 | 23 | 5 | - | 21 |
| 63 | 48 | 39 | 51 | 14 | - | 27 |
| 66 | 51 | 29 | 79 | 37 | - | 44 |
| 69 | 23 | 21 | 110 | 71 | - | 74 |
| 72 | 13 | 14 | 124 | 91 | - | 100 |
| 75 | 9 | 5 | 128 | 111 | - | 123 |
| 78 | 6 | 4 | 106 | 130 | - | 119 |
| 81 | 2 | 2 | 74 | 143 | - | 108 |
| 84 | 2 | 1 | 51 | 95 | - | 88 |
| 87 | 2 | 1 | 46 | 81 | - | 63 |
| 90 | - | - | 37 | 56 | - | 49 |
| 93 | - | - | 23 | 48 | - | 35 |
| 96 | - | - | 23 | 25 | - | 30 |
| 99 | - | - | 26 | 26 | - | 25 |
| 102 | - | - | 27 | 15 | - | 17 |
| 105 | - | - | 12 | 10 | - | 15 |
| 108 | - | - | 11 | 5 | - | 8 |
| 111 | - | - | 7 | 5 | - | 3 |
| 114 | - | - | 4 | - | - | 3 |
| 117 | - | - | 3 | - | - | 4 |
| 120 | - | - | 1 | 3 | - | - |
| 123 | - | - | 1 | - | - | - |
| Total ‰ | 999 | 998 | 1001 | 999 | | 1000 |
| Serial Numbers | - | - | - | - | - | - |
| Number of Samples | 4 | 35 | 3 | 11 | - | 16 |
| Number of Fish Measured | 1108 | 10540 | 1107 | 729 | - | 1198 |
| Mean Length (cm) | 52.31 | 50.17 | 78.37 | 81.16 | - | 79.86 |
| Mean Weight (kg) | 1.44 | 1.30 | 4.57 | 4.94 | - | 4.79 |
| Total Weight Landed (tons) | - | - | - | - | - | - |
| Estimated Number Landed | - | - | - | - | - | - |
| Mesh(mm) or Hook(no.) Size | 4 ¹ | 4 ¹ | 6-7 ² | 7 ² | - | 6 1/2-7 ³ |
| Range of Depths (fm) | 8-11 | 8-17 | 25-75 | 15-30 | - | 10-26 |

- 1 Mesh size:
 2 cotton, inches
 3 nylon, inches
 3 nylon and monofilament nylon, inches

| GEAR | Otter Trawl (Commercial) | | | | |
|----------------------------|-----------------------------|--------------------|----------------|---------|-------|
| | Landings Before Discard | | Landings | | |
| CATCHES/LANDINGS | May | November | June | July | July |
| MONTH | Canada (Newfoundland) | | United Kingdom | | |
| COUNTRY | 151-500 | 501-900 | >1800 | 501-900 | |
| TONNAGE | 151-500 | 501-900 | >1800 | 501-900 | |
| 36 | 6 | 6 | - | - | - |
| 39 | 24 | 37 | - | 65 | - |
| 42 | 62 | 96 | 39 | 138 | 3 |
| 45 | 53 | 112 | 88 | 124 | 11 |
| 48 | 75 | 143 | 107 | 131 | 131 |
| 51 | 52 | 158 | 88 | 124 | 163 |
| 54 | 75 | 127 | 93 | 95 | 228 |
| 57 | 55 | 106 | 73 | 73 | 141 |
| 60 | 97 | 65 | 49 | - | 29 |
| 63 | 120 | 47 | - | - | 82 |
| 66 | 109 | 43 | 66 | 36 | 69 |
| 69 | 108 | 25 | 66 | 36 | 32 |
| 72 | 75 | 16 | 57 | 31 | 19 |
| 75 | 47 | - | 122 | 67 | 15 |
| 78 | 22 | 9 | 85 | 46 | 8 |
| 81 | 9 | 3 | - | - | 21 |
| 84 | 6 | 3 | 19 | 10 | 7 |
| 87 | 4 | - | 19 | 10 | 6 |
| 90 | - | - | 19 | 10 | 5 |
| 93 | - | - | 10 | 5 | 7 |
| 96 | - | - | - | - | - |
| 99 | - | - | - | - | 3 |
| 102 | - | - | - | - | 2 |
| 105 | - | - | - | - | 5 |
| 108 | - | - | - | - | 4 |
| 111 | - | - | - | - | 3 |
| 114 | - | 3 | - | - | - |
| 117 | - | - | - | - | 1 |
| 120 | - | - | - | - | 1 |
| 123 | - | - | - | - | 3 |
| Total ‰ | 999 | 999 | 1000 | 1001 | 999 |
| Serial Numbers | - | - | - | - | - |
| Number of Samples | 3 | 1 | 1 | 2 | 1 |
| Number of Fish Measured | 677 | 322 | 110 | 152 | 256 |
| Mean Length (cm) | 60.89 | 53.72 | - | - | - |
| Mean Weight (kg) | 2.17 | 1.61 | - | - | - |
| Total Weight Landed (tons) | 645.1 | 137.6 | 6.0 | 24.1 | 116.3 |
| Estimated Number Landed | 297548 | 85607 | 2841 | 11815 | 65897 |
| Mesh(mm) or Hook(no.) Size | 4 1/2 ¹ | 4 1/8 ² | - | - | - |
| Range of Depths (fm) | 32-90 | 110-120 | - | - | - |

¹ Mesh size - inches, manilla

² Mesh size - inches, nylon

| GEAR | Otter Trawl | | | Long Line | |
|----------------------------|-----------------------|----------------|-------|--------------------------|--------|
| | (Commercial) | | | | |
| CATCHES/LANDINGS | Catches | Landings | | Landings Before Discards | |
| MONTH | March | February | March | February | March |
| COUNTRY | Canada (Newfoundland) | United Kingdom | | Canada (Newfoundland) | |
| TONNAGE | 151-500 | 501-900 | | Small Boats | |
| 33 | - | 4 | - | - | 3 |
| 36 | - | - | - | 9 | 10 |
| 39 | - | 8 | - | 23 | 21 |
| 42 | - | 19 | 6 | 38 | 39 |
| 45 | 47 | 62 | 37 | 127 | 65 |
| 48 | 88 | 75 | 75 | 141 | 115 |
| 51 | 176 | 78 | 168 | 141 | 164 |
| 54 | 209 | 89 | 111 | 178 | 176 |
| 57 | 149 | 111 | 110 | 127 | 149 |
| 60 | 128 | 109 | 156 | 94 | 93 |
| 63 | 101 | 106 | 124 | 47 | 67 |
| 66 | 41 | 97 | 70 | 23 | 41 |
| 69 | 34 | 69 | 42 | 19 | 23 |
| 72 | 7 | 58 | 38 | 23 | 14 |
| 75 | 14 | 40 | 25 | 5 | 8 |
| 78 | - | 26 | 11 | 5 | 5 |
| 81 | - | 17 | 7 | - | 3 |
| 84 | - | 17 | 8 | - | 1 |
| 87 | - | 9 | 1 | - | 2 |
| 90 | - | 3 | 2 | - | - |
| 93 | - | 3 | 3 | - | 1 |
| 96 | 7 | - | 3 | - | - |
| 99 | - | - | - | - | - |
| 102 | - | - | 1 | - | 1 |
| 105 | - | - | - | - | - |
| 108 | - | - | - | - | - |
| 111 | - | - | 1 | - | - |
| Total ‰ | 1001 | 1000 | 999 | 1000 | 1001 |
| Serial Numbers | - | - | - | - | - |
| Number of Samples | 1 | 2 | 1 | 1 | 8 |
| Number of Fish Measured | 148 | 604 | 255 | 213 | 3098 |
| Mean Length (cm) | 57.36 | - | - | 54.19 | 55.46 |
| Mean Weight (kg) | 1.71 | - | - | 1.58 | 1.66 |
| Total Weight Landed (tons) | 412.7 | 215.2 | 143.0 | - | - |
| Estimated Number Landed | 241089 | 113402 | 85170 | - | - |
| Mesh(mm) or Hook(no.) Size | 4 1/2 ¹ | - | - | 6-0 | 6-0 |
| Range of Depths (fm) | 120-150 | - | - | 40-80 | 40-105 |

¹ Mesh size - inches, manilla

TABLE 16

LENGTH FREQUENCIES - COD - 3Ps - 1965

(FREQUENCIES IN ‰ - 3 CM GROUPS)

| GEAR | Otter Trawl | | Line Trawl | | Trap | | Gillnet | |
|----------------------------|--------------------------|-----------|----------------|----------------|------------------|------------------|---------|------------------|
| | (Commercial) | | | | | | | |
| CATCHES/LANDINGS | Landings Before Discards | | | | | | | |
| MONTH | February | September | June | July | May | June | July | |
| COUNTRY | Canada (Newfoundland) | | | | | | | |
| TONNAGE | 151-500 | | Small Boats | | | | | |
| 27 | - | - | - | 1 | - | - | - | - |
| 30 | 2 | 2 | 16 | 27 | - | - | - | - |
| 33 | 10 | 13 | 78 | 119 | 1 | - | - | 1 |
| 36 | 36 | 31 | 195 | 197 | 2 | - | - | 1 |
| 39 | 82 | 55 | 225 | 188 | 7 | 2 | - | 1 |
| 42 | 131 | 77 | 178 | 152 | 12 | 4 | - | 2 |
| 45 | 155 | 93 | 132 | 122 | 9 | 8 | - | 5 |
| 48 | 168 | 109 | 79 | 74 | 10 | 10 | - | 5 |
| 51 | 136 | 123 | 48 | 45 | 7 | 11 | - | 7 |
| 54 | 92 | 110 | 24 | 35 | 9 | 22 | - | 14 |
| 57 | 51 | 104 | 13 | 19 | 21 | 43 | - | 32 |
| 60 | 46 | 81 | 6 | 9 | 50 | 97 | - | 65 |
| 63 | 24 | 55 | 4 | 6 | 92 | 118 | - | 113 |
| 66 | 25 | 39 | 1 | 2 | 128 | 146 | - | 145 |
| 69 | 14 | 34 | 1 | 2 | 144 | 141 | - | 157 |
| 72 | 11 | 22 | 1 | 1 | 141 | 113 | - | 133 |
| 75 | 7 | 15 | - | - | 114 | 89 | - | 103 |
| 78 | 5 | 9 | - | - | 77 | 58 | - | 61 |
| 81 | 1 | 8 | - | 1 | 50 | 44 | - | 48 |
| 84 | 2 | 4 | - | - | 47 | 25 | - | 31 |
| 87 | - | 3 | - | - | 23 | 22 | - | 25 |
| 90 | 1 | 2 | - | - | 14 | 15 | - | 17 |
| 93 | - | 2 | - | - | 19 | 9 | - | 10 |
| 96 | - | 1 | - | - | 8 | 6 | - | 10 |
| 99 | - | 2 | - | - | 7 | 8 | - | 6 |
| 102 | - | 1 | - | - | 5 | 4 | - | 4 |
| 105 | - | 1 | - | - | 3 | 3 | - | 1 |
| 108 | - | 1 | - | - | 1 | 1 | - | 2 |
| 111 | - | 1 | - | - | - | 1 | - | - |
| 114 | - | - | - | - | - | - | - | - |
| 117 | - | - | - | - | - | - | - | - |
| 120 | - | - | - | - | - | - | - | - |
| 123 | - | - | - | - | - | - | - | - |
| 126 | - | - | - | - | - | - | - | 1 |
| Total ‰ | 999 | 998 | 1001 | 1000 | 1001 | 1000 | 1000 | 1000 |
| Serial Numbers | - | - | - | - | - | - | - | - |
| Number of Samples | 2 | 22 | 14 | 8 | 17 | 28 | - | 19 |
| Number of Fish Measured | 999 | 3831 | 4103 | 3012 | 2105 | 2256 | - | 1665 |
| Mean Length (cm) | 50.22 | 54.65 | 42.32 | 42.22 | 72.04 | 70.32 | - | 71.61 |
| Mean Weight (kg) | 1.28 | 1.79 | 0.76 | 0.78 | 3.52 | 3.37 | - | 3.49 |
| Total Weight Landed (tons) | 344.1 | - | - | - | - | - | - | - |
| Estimated Number Landed | 269260 | - | - | - | - | - | - | - |
| Mesh(mm) or Hook(no.) Size | - | 15,16,6-0 | 4 ¹ | 4 ¹ | 6-7 ² | 6-7 ² | - | 6-7 ² |
| Range of Depths (fm) | 70-100 | 12-60 | 10-18 | 12-13 | 30-70 | 20-70 | - | 25-70 |

1 Mesh size - cotton, inches

2 Mesh size - nylon, inches

TABLE 18

LENGTH FREQUENCIES - COD - 4R - 1965

(FREQUENCIES IN ‰ - 3 CM GROUPS)

| GEAR | Otter Trawl | | Trap |
|----------------------------|-------------------------|--------------------|-------------------------|
| | (Commercial) | | |
| CATCHES/LANDINGS | Landings Before Discard | Landings | Landings Before Discard |
| MONTH | March | June | June |
| COUNTRY | Canada (Newfoundland) | Canada (Maritimes) | Canada (Newfoundland) |
| TONNAGE | 151-500 | | Small Boats |
| 27 | - | - | 6 |
| 30 | - | - | 18 |
| 33 | - | - | 107 |
| 36 | - | - | 164 |
| 39 | - | - | 190 |
| 42 | 30 | 3 | 164 |
| 45 | 82 | 29 | 127 |
| 48 | 134 | 75 | 85 |
| 51 | 195 | 126 | 50 |
| 54 | 180 | 131 | 30 |
| 57 | 131 | 86 | 14 |
| 60 | 113 | 86 | 26 |
| 63 | 49 | 56 | 6 |
| 66 | 40 | 50 | 8 |
| 69 | 24 | 42 | - |
| 72 | 12 | 39 | 4 |
| 75 | 3 | 20 | - |
| 78 | 3 | 25 | - |
| 81 | - | 27 | - |
| 84 | - | 50 | - |
| 87 | - | 13 | - |
| 90 | - | 23 | - |
| 93 | 3 | 40 | - |
| 96 | - | 27 | - |
| 99 | - | 22 | - |
| 102 | - | 5 | - |
| 105 | - | 7 | - |
| 108 | - | 5 | - |
| 111 | - | 5 | - |
| 114 | - | 3 | - |
| 117 | - | 5 | - |
| Total ‰ | 999 | 1000 | 999 |
| Serial Numbers | - | 28 | - |
| Number of Samples | 1 | 1 | 4 |
| Number of Fish Measured | 328 | 369 | 495 |
| Mean Length (cm) | 55.33 | 66.92 | 42.99 |
| Mean Weight (kg) | 1.58 | 3.00 | - |
| Total Weight Landed (tons) | 1191.4 | - | - |
| Estimated Number Landed | 760105 | - | - |
| Mesh(mm) or Hook(no.) Size | 4 1/2 ¹ | 4 1/8 ² | 3 1/2-4 ² |
| Range of Depths (fm) | 75 | 80-120 | 6-10 |

¹ Mesh size - manilla, inches² Mesh size - inches

TABLE 19 LENGTH FREQUENCIES - COD - 4T - 1965

(FREQUENCIES IN ‰ - 3 CM GROUPS)

| GEAR | Otter Trawl (Commercial) | | | | |
|---|-----------------------------|----------------------|----------------------|----------------------|--------------------|
| | Landings | | | | |
| CATCHES/LANDINGS | May | June | August | September | October |
| MONTH | | | | | |
| COUNTRY | Canada (Maritimes) | | | | |
| TONNAGE | 26-50 and 51-150 unweighted | | | | |
| 30 | - | - | - | 1 | - |
| 33 | - | - | 3 | 11 | 12 |
| 36 | 14 | 10 | 26 | 51 | 98 |
| 39 | 73 | 75 | 82 | 88 | 190 |
| 42 | 128 | 116 | 185 | 178 | 212 |
| 45 | 146 | 144 | 188 | 168 | 233 |
| 48 | 176 | 158 | 156 | 129 | 103 |
| 51 | 147 | 144 | 96 | 112 | 75 |
| 54 | 105 | 126 | 67 | 86 | 47 |
| 57 | 70 | 84 | 46 | 55 | 14 |
| 60 | 48 | 47 | 28 | 43 | 11 |
| 63 | 25 | 33 | 23 | 21 | - |
| 66 | 21 | 17 | 10 | 13 | 1 |
| 69 | 6 | 10 | 9 | 11 | 1 |
| 72 | 9 | 5 | 10 | 7 | 1 |
| 76 | 6 | 5 | 6 | 4 | - |
| 78 | 7 | 5 | 7 | 2 | 2 |
| 81 | 3 | 5 | 7 | 3 | - |
| 84 | 3 | 4 | 10 | 2 | - |
| 87 | 5 | 4 | 11 | 1 | - |
| 90 | 7 | 3 | 8 | 4 | - |
| 93 | - | 1 | 5 | 3 | - |
| 96 | 1 | 2 | 3 | 3 | - |
| 99 | - | 2 | 3 | 1 | - |
| 102 | - | - | 2 | - | - |
| 105 | - | - | 1 | 1 | - |
| 108 | - | - | 3 | 1 | - |
| 111 | - | - | 1 | 1 | - |
| 114 | - | - | - | - | - |
| 117 | - | - | 1 | - | - |
| 120 | - | - | 1 | - | - |
| Total ‰ | 1000 | 1000 | 998 | 1000 | 1000 |
| Serial Numbers | 1-2 | 3-8 | 10-16 | 17-22 | 23 |
| Number of Samples | 2 | 6 | 7 | 6 | 1 |
| Number of Fish Measured | 903 | 2557 | 2408 | 2259 | 300 |
| Mean Length (cm) | 51.46 | 51.84 | 51.33 | 49.71 | 44.72 |
| Mean Weight (kg) | 1.30 | 1.38 | 1.30 | 1.35 | 0.96 |
| Total Weight Landed (tons) | - | - | - | - | - |
| Estimated Number Landed | - | - | - | - | - |
| Mesh(mm) or Hook(no.) Size ¹ | 4 1/8-4 5/8 ¹ | 4-4 5/8 ¹ | 4-4 7/8 ¹ | 4-4 3/8 ¹ | 4 3/8 ¹ |
| Range of Depths (fm) | 60-70 | 28-70 | 25-55 | 17-40 | 25-40 |

¹ Mesh size - inches

TABLE 19 LENGTH FREQUENCIES - COD - 4T - 1965
(cont'd)

(FREQUENCIES IN ‰ - 3 CM GROUPS)

| GEAR | Otter Trawl | | | | | | | | | |
|----------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| | NK | | | | | | | | | |
| CATCHES/LANDINGS | NK | | | | | | | | | |
| MONTH | May | May | July | July | July | September | September | October | October | October |
| COUNTRY | Canada (Quebec) | | | | | | | | | |
| TONNAGE | NK | | | | | | | | | |
| 33 | - | - | - | - | - | - | - | - | - | 3 |
| 36 | - | - | - | - | - | - | - | - | - | 6 |
| 39 | 3 | - | - | 8 | - | 5 | 9 | 6 | 6 | - |
| 42 | 26 | - | 19 | 8 | 24 | 66 | 53 | 48 | 49 | 53 |
| 45 | 144 | 24 | 110 | 98 | 95 | 231 | 116 | 146 | 104 | 142 |
| 48 | 232 | 239 | 260 | 248 | 187 | 268 | 184 | 217 | 210 | 231 |
| 51 | 183 | 255 | 180 | 205 | 226 | 185 | 184 | 220 | 174 | 151 |
| 54 | 146 | 203 | 150 | 224 | 144 | 94 | 154 | 155 | 168 | 136 |
| 57 | 81 | 97 | 126 | 65 | 83 | 55 | 95 | 70 | 88 | 89 |
| 60 | 81 | 97 | 78 | 70 | 80 | 30 | 80 | 42 | 64 | 74 |
| 63 | 68 | 29 | 32 | 22 | 34 | 27 | 50 | 34 | 34 | 30 |
| 66 | 18 | 21 | 21 | 16 | 37 | 23 | 18 | 20 | 12 | 18 |
| 69 | 3 | 13 | 8 | 5 | 12 | 9 | 18 | 6 | 24 | 21 |
| 72 | 5 | 11 | 3 | 13 | 12 | - | 15 | 11 | 21 | 9 |
| 75 | 8 | 3 | 3 | 3 | 21 | 5 | 6 | 6 | 9 | 9 |
| 78 | - | 5 | 5 | 3 | 15 | - | 6 | 3 | 12 | 6 |
| 81 | - | 3 | 3 | 5 | 3 | 2 | - | 3 | 3 | 6 |
| 84 | - | - | - | 3 | 6 | - | 3 | 3 | - | 6 |
| 87 | - | - | 3 | - | 6 | - | - | 3 | - | 3 |
| 90 | 3 | - | - | - | 3 | - | 3 | - | 6 | 3 |
| 93 | - | - | - | - | 6 | - | - | 6 | 6 | - |
| 96 | - | - | - | 3 | - | - | - | 3 | - | - |
| 99 | - | - | - | - | 3 | - | - | - | 6 | - |
| 102 | - | - | - | - | - | - | - | - | - | - |
| 105 | - | - | - | - | 3 | - | - | - | - | 3 |
| 108 | - | - | - | - | - | - | - | - | 3 | - |
| 111 | - | - | - | - | - | - | - | - | - | - |
| 114 | - | - | - | - | - | - | - | - | - | - |
| 117 | - | - | - | - | - | - | - | - | - | - |
| 120 | - | - | - | - | - | - | 3 | - | - | - |
| 123 | - | - | - | - | - | - | - | - | - | - |
| 126 | - | - | - | - | - | - | - | - | - | - |
| 129 | - | - | - | - | - | - | - | - | - | - |
| 132 | - | - | - | - | - | - | - | - | - | - |
| 135 | - | - | - | - | - | - | - | - | - | - |
| 138 | - | - | - | - | - | - | - | - | - | - |
| 141 | - | - | - | - | - | - | - | - | - | - |
| 144 | - | - | - | - | - | - | - | - | - | - |
| 147 | - | - | - | - | - | - | 3 | - | - | - |
| Total ‰ | 1001 | 1000 | 1001 | 999 | 1000 | 1000 | 1000 | 1002 | 999 | 999 |
| Serial Numbers | - | - | - | - | - | - | - | - | - | - |
| Number of Samples | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Number of Fish Measured | 383 | 380 | 373 | 371 | 327 | 437 | 337 | 355 | 328 | 337 |
| Mean Length (cm) | 53.35 | 54.64 | 53.54 | 53.61 | 55.80 | 50.87 | 54.41 | 53.11 | 54.95 | 53.78 |
| Mean Weight (kg) | - | - | - | - | - | - | - | - | - | - |
| Total Weight Landed (tons) | 14.29 | 23.71 | 15.98 | 14.52 | 13.37 | 4.76 | 4.30 | 11.26 | 4.93 | 8.96 |
| Estimated Number Landed | - | - | - | - | - | - | - | - | - | - |
| Mesh(mm) or Hook(no.) Size | 4 1/2 ¹ | 4 1/2 ¹ | 4 1/2 ¹ | 4 1/2 ¹ | 4 1/2 ¹ | 4 1/2 ¹ | 4 1/2 ¹ | 4 1/2 ¹ | 4 1/2 ¹ | 4 1/2 ¹ |
| Range of Depths (fm) | 55-65 | 55-65 | 24-40 | 25-50 | 22-40 | 40 | 45 | 12-135 | 70 | 35-40 |

¹ Mesh size - inches

TABLE 19
(cont'd)

LENGTH FREQUENCIES - COD - 4T - 1965

(FREQUENCIES IN ‰ - 3 CM GROUPS)

| GEAR | Long Line | | | Danish Seine | |
|---|-----------------|-----------|-----------|--------------------|--------------------|
| | NK | | | (Commercial) | |
| CATCHES/LANDINGS | NK | | | Landings | |
| MONTH | June | September | September | June | August |
| COUNTRY | Canada (Quebec) | | | Canada (Maritimes) | |
| TONNAGE | NK | | | 26-50 | |
| 36 | - | - | - | 16 | 20 |
| 39 | 3 | 8 | 14 | 69 | 93 |
| 42 | 20 | 8 | 28 | 147 | 303 |
| 45 | 35 | 16 | 56 | 266 | 230 |
| 48 | 61 | 39 | 84 | 201 | 150 |
| 51 | 101 | 31 | 141 | 169 | 93 |
| 54 | 75 | 78 | 28 | 74 | 53 |
| 57 | 127 | 102 | 56 | 24 | 13 |
| 60 | 87 | 62 | 127 | 10 | 3 |
| 63 | 58 | 62 | 169 | 15 | 13 |
| 66 | 46 | 70 | 70 | 4 | 7 |
| 69 | 38 | 78 | 70 | 2 | 3 |
| 72 | 52 | 164 | 42 | 1 | 3 |
| 75 | 35 | 102 | 42 | - | - |
| 78 | 35 | 39 | - | 1 | - |
| 81 | 23 | 31 | 42 | - | - |
| 84 | 26 | 16 | 14 | - | - |
| 87 | 29 | 16 | - | - | - |
| 90 | 32 | 16 | - | - | 7 |
| 93 | 14 | 23 | - | - | - |
| 96 | 14 | 16 | - | - | - |
| 99 | 14 | 8 | - | - | 3 |
| 102 | 14 | 8 | - | - | - |
| 105 | 14 | - | - | - | - |
| 108 | 12 | - | - | - | 3 |
| 111 | 6 | - | - | - | - |
| 114 | 9 | - | - | - | - |
| 117 | 6 | - | - | - | - |
| 120 | 9 | - | 14 | - | - |
| 123 | 3 | - | - | - | - |
| 126 | 3 | - | - | - | - |
| 129 | - | - | - | - | - |
| 132 | - | 8 | - | - | - |
| Total ‰ | 1001 | 1001 | 997 | 999 | 997 |
| Serial Numbers | - | - | - | 9 | 24 |
| Number of Samples | 1 | 1 | 1 | 1 | 1 |
| Number of Fish Measured | 346 | 128 | 71 | 433 | 300 |
| Mean Length (cm) | 68.3 | 68.94 | 61.5 | 48.22 | 47.29 |
| Mean Weight (kg) | - | - | - | 1.07 | 1.08 |
| Total Weight Landed (tons) | 0.815 | 0.272 | 0.254 | - | - |
| Estimated Number Landed | - | - | - | - | - |
| Mesh(mm) or Hook(no.) Size ¹ | - | - | - | 4 1/2 ¹ | 4 1/2 ¹ |
| Range of Depths (fm) | 22 | 24-35 | 20 | 25-30 | 28-32 |

¹ Mesh size - inches

TABLE 19
(cont'd)

LENGTH FREQUENCIES - COD - 4T - 1965

(FREQUENCIES IN ‰ - 3 CM GROUPS)

| GEAR | Gillnet | | | | | |
|----------------------------|------------------|----------------|----------------|------------------|------------------|------------------|
| | NK | | | | | |
| CATCHES/LANDINGS | NK | | | | | |
| MONTH | July | July | July | July | September | September |
| COUNTRY | Canada (Quebec) | | | | | |
| TONNAGE | NK | | | | | |
| 36 | - | - | - | - | 8 | - |
| 39 | 3 | - | - | 5 | - | - |
| 42 | 10 | - | - | - | 15 | - |
| 45 | 3 | 5 | - | - | 8 | - |
| 48 | 10 | 5 | 11 | - | 23 | - |
| 51 | 6 | 5 | 11 | - | 23 | - |
| 54 | 3 | 5 | - | - | 31 | 14 |
| 57 | 6 | - | - | - | 70 | 58 |
| 60 | 3 | 5 | - | 5 | 116 | 14 |
| 63 | 3 | 5 | - | 5 | 124 | 72 |
| 66 | 6 | 5 | - | 19 | 155 | 116 |
| 69 | 13 | 10 | 22 | 23 | 171 | 159 |
| 72 | 35 | 10 | 22 | 51 | 85 | 87 |
| 75 | 35 | 19 | 33 | 42 | 78 | 101 |
| 78 | 58 | 33 | 56 | 79 | 39 | 29 |
| 81 | 74 | 62 | 56 | 97 | 23 | 72 |
| 84 | 100 | 119 | 100 | 120 | - | 58 |
| 87 | 113 | 105 | 111 | 79 | 23 | 43 |
| 90 | 155 | 195 | 133 | 157 | - | 29 |
| 93 | 81 | 105 | 122 | 88 | - | 72 |
| 96 | 58 | 95 | 78 | 65 | - | 29 |
| 99 | 65 | 67 | 44 | 37 | 8 | 29 |
| 102 | 26 | 33 | 22 | 23 | - | 14 |
| 105 | 23 | 24 | 11 | 19 | - | - |
| 108 | 45 | 29 | 44 | 32 | - | - |
| 111 | 16 | 29 | 22 | 32 | - | - |
| 114 | 6 | 10 | 22 | 9 | - | - |
| 117 | 16 | 19 | 33 | 9 | - | - |
| 120 | 19 | 5 | 22 | - | - | - |
| 123 | 3 | - | 11 | - | - | - |
| 126 | 3 | - | 11 | - | - | - |
| 129 | - | - | - | 5 | - | - |
| Total ‰ | 997 | 1004 | 997 | 1001 | 1000 | 996 |
| Serial Numbers | - | - | - | - | - | - |
| Number of Samples | 1 | 1 | 1 | 1 | 1 | 1 |
| Number of Fish Measured | 310 | 210 | 90 | 216 | 129 | 69 |
| Mean Length (cm) | 89.57 | 91.37 | 92.43 | 88.71 | 66.7 | 76.20 |
| Mean Weight (kg) | - | - | - | - | - | - |
| Total Weight Landed (tons) | 2.778 | 1.369 | 0.453 | 0.907 | 0.226 | 0.252 |
| Estimated Number Landed | - | - | - | - | - | - |
| Mesh(mm) or Hook(no.) Size | 7-8 ¹ | 8 ¹ | 8 ¹ | 7-8 ¹ | 6-8 ¹ | 6-8 ¹ |
| Range of Depths (fm) | 22-23 | 21 | 32 | 27 | 45 | 15-30 |

¹ Mesh size - inches

| GEAR | Otter Trawl (Commercial) | | | | | | | |
|----------------------------|-----------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| | Landings Before Discard | | | Landings | | | | |
| CATCHES/LANDINGS | February | February | March | January | February | April | June | November |
| MONTH | Canada (Newfoundland) | | | Canada (Maritimes) | | | | |
| COUNTRY | 501-900 | | | 151-500 | | | | |
| TONNAGE | 501-900 | | | 151-500 | | | | |
| 30 | 2 | - | 2 | - | - | - | - | - |
| 33 | 20 | 3 | 11 | - | - | - | - | - |
| 36 | 45 | 57 | 41 | - | - | - | - | - |
| 39 | 109 | 86 | 74 | 11 | 2 | 42 | 18 | 19 |
| 42 | 157 | 166 | 117 | 84 | 9 | 160 | 63 | 63 |
| 45 | 148 | 206 | 122 | 178 | 30 | 256 | 157 | 169 |
| 48 | 182 | 212 | 163 | 252 | 76 | 160 | 260 | 132 |
| 51 | 139 | 136 | 136 | 157 | 66 | 147 | 196 | 121 |
| 54 | 71 | 73 | 115 | 102 | 58 | 109 | 94 | 150 |
| 57 | 57 | 39 | 99 | 77 | 70 | 70 | 87 | 80 |
| 60 | 32 | 6 | 51 | 29 | 48 | 29 | 40 | 50 |
| 63 | 18 | 9 | 39 | 33 | 64 | 9 | 28 | 41 |
| 66 | 4 | 6 | 11 | 14 | 76 | 6 | 24 | 37 |
| 69 | 9 | - | 5 | 11 | 51 | 3 | 15 | 26 |
| 72 | 2 | 3 | 5 | 11 | 42 | 6 | 8 | 26 |
| 75 | 4 | - | 5 | 7 | 87 | 3 | 3 | 19 |
| 78 | 2 | - | 5 | - | 38 | - | 2 | 14 |
| 81 | - | - | - | 1 | 63 | - | 5 | 13 |
| 84 | - | - | - | 6 | 35 | - | - | 10 |
| 87 | - | - | - | 5 | 20 | - | - | 8 |
| 90 | - | - | - | 1 | 44 | - | - | 9 |
| 93 | - | - | - | 4 | 32 | - | - | 5 |
| 96 | - | - | - | 4 | 24 | - | - | 4 |
| 99 | - | - | - | 5 | 24 | - | - | 1 |
| 102 | 2 | - | - | 3 | 4 | - | - | 1 |
| 105 | - | - | - | 2 | 4 | - | - | 1 |
| 108 | - | - | - | 2 | 8 | - | - | - |
| 111 | - | - | - | - | - | - | - | - |
| 114 | - | - | - | - | 4 | - | - | - |
| 117 | - | - | - | 1 | 4 | - | - | - |
| 120 | - | - | - | - | 8 | - | - | - |
| 123 | - | - | - | - | 4 | - | - | 1 |
| 126 | - | - | - | - | 4 | - | - | - |
| Total ‰ | 1003 | 1002 | 1001 | 1000 | 999 | 1000 | 1000 | 1000 |
| Serial Numbers | - | - | - | 29 | 30 | 31 | 32 | 58 |
| Number of Samples | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 |
| Number of Fish Measured | 561 | 699 | 435 | 296 | 371 | 313 | 415 | 382 |
| Mean Length (cm) | 48.35 | 47.47 | 50.47 | 53.00 | 70.94 | 49.50 | 52.07 | 56.04 |
| Mean Weight (kg) | 1.14 | 1.08 | 1.16 | 1.65 | 4.14 | 1.15 | 1.19 | 1.67 |
| Total Weight Landed (tons) | 106.6 | 2002.1 | 1041.9 | - | - | - | - | - |
| Estimated Number Landed | 93537 | 1860344 | 899384 | - | - | - | - | - |
| Mesh(mm) or Hook(no.) Size | 4 1/2 ¹ | 4 1/2 ² | 4 1/2 ³ | 4 1/2 ⁴ | 4 5/8 ⁴ | 4 5/8 ⁴ | 4 3/4 ⁴ | 4 3/8 ⁴ |
| Range of Depths (fm) | 90-120 | 90-120 | 100-120 | 80-125 | 135-150 | 100-115 | 85-110 | 45-105 |

Mesh Size:

- ¹ polypropylene, inches
- ² manilla, inches
- ³ coullene, inches
- ⁴ inches

TABLE 20
(cont'd)

LENGTH FREQUENCIES - COD - 4Vn - 1965

(FREQUENCIES IN ‰ - 3 CM GROUPS)

| GEAR | Long Line | | |
|----------------------------|--------------------|-----------|----------|
| | (Commercial) | | |
| CATCHES/LANDINGS | Landings | | |
| MONTH | July | September | November |
| COUNTRY | Canada (Maritimes) | | |
| TONNAGE | 0-25 | | |
| 36 | 2 | - | - |
| 39 | 7 | 10 | 9 |
| 42 | 22 | 8 | 17 |
| 45 | 35 | 27 | 29 |
| 48 | 47 | 23 | 87 |
| 51 | 61 | 68 | 111 |
| 54 | 84 | 101 | 117 |
| 57 | 91 | 116 | 105 |
| 60 | 86 | 131 | 99 |
| 63 | 71 | 138 | 82 |
| 66 | 103 | 69 | 67 |
| 69 | 109 | 104 | 41 |
| 72 | 80 | 69 | 58 |
| 75 | 62 | 45 | 26 |
| 78 | 50 | 47 | 35 |
| 81 | 21 | 22 | 12 |
| 84 | 21 | 12 | 26 |
| 87 | 9 | 3 | 17 |
| 90 | 12 | 3 | 23 |
| 93 | 12 | 1 | 12 |
| 96 | 9 | 1 | 3 |
| 99 | 3 | - | 6 |
| 102 | 3 | - | - |
| 105 | - | - | 3 |
| 108 | - | 1 | 9 |
| 111 | - | - | 6 |
| 114 | - | - | - |
| 117 | - | - | - |
| 120 | - | 1 | - |
| Total ‰ | 1000 | 1000 | 1000 |
| Serial Numbers | 33 | 36 | 59 |
| Number of Samples | 1 | 1 | 1 |
| Number of Fish Measured | 349 | 323 | 343 |
| Mean Length (cm) | 65.11 | 63.61 | 63.38 |
| Mean Weight (kg) | 2.75 | 2.55 | 2.86 |
| Total Weight Landed (tons) | - | - | - |
| Estimated Number Landed | - | - | - |
| Mesh(mm) or Hook(no.) Size | # 16 | # 16 | # 16 |
| Range of Depths (fm) | 18-28 | 20-30 | 70-80 |

| GEAR | Otter Trawl (Commercial) | |
|----------------------------|-----------------------------|--------------------------|
| | Landings Before Discard | Landings |
| CATCHES/LANDINGS | March | May |
| MONTH | Canada (Newfoundland) | Canada (Maritimes) |
| COUNTRY | 151-500 | |
| TONNAGE | | |
| 27 | - | 9 |
| 30 | - | 9 |
| 33 | - | 40 |
| 36 | 63 | 69 |
| 39 | 206 | 136 |
| 42 | 150 | 69 |
| 45 | 129 | 92 |
| 48 | 122 | 118 |
| 51 | 111 | 120 |
| 54 | 35 | 93 |
| 57 | 28 | 67 |
| 60 | 73 | 53 |
| 63 | 31 | 41 |
| 66 | 10 | 30 |
| 69 | 21 | 19 |
| 72 | 17 | 12 |
| 75 | - | 2 |
| 78 | - | 2 |
| 81 | 3 | 4 |
| 84 | - | 7 |
| 87 | - | 2 |
| 90 | - | 1 |
| 93 | - | 1 |
| 96 | - | - |
| 99 | - | 1 |
| 102 | - | 1 |
| 105 | - | 1 |
| 108 | - | 1 |
| Total ‰ | 999 | 1000 |
| Serial Numbers | - | 34-35 |
| Number of Samples | 1 | 2 |
| Number of Fish Measured | 287 | 805 |
| Mean Length (cm) | 48.37 | 50.19 |
| Mean Weight (kg) | 1.18 | 1.34 |
| Total Weight Landed (tons) | 162.3 | - |
| Estimated Number Landed | 136959 | - |
| Mesh(mm) or Hook(no.) Size | 4 1/2 ¹ | 4 1/2-4 5/8 ² |
| Range of Depths (fm) | 75-150 | 50-100 |

¹ Mesh size - manilla, inches² Mesh size - inches

TABLE 22 LENGTH FREQUENCIES -- COD - 4V - 1965

(FREQUENCIES IN ‰ - 3 CM GROUPS)

| GEAR | Otter Trawl |
|----------------------------|----------------|
| CATCHES/LANDINGS | (Commercial) |
| MONTH | Landings |
| COUNTRY | April |
| TONNAGE | United Kingdom |
| | >1800 |
| 39 | 65 |
| 42 | 119 |
| 45 | 92 |
| 48 | 92 |
| 51 | 103 |
| 54 | 92 |
| 57 | 81 |
| 60 | 46 |
| 63 | 22 |
| 66 | 22 |
| 69 | 44 |
| 72 | 43 |
| 75 | 57 |
| 78 | 49 |
| 81 | 41 |
| 84 | 30 |
| Total ‰ | 998 |
| Serial Numbers | - |
| Number of Samples | 2 |
| Number of Fish Measured | 245 |
| Mean Length (cm) | - |
| Mean Weight (kg) | - |
| Total Weight Landed (tons) | 26.4 |
| Estimated Number Landed | 13909 |
| Mesh(mm) or Hook(no.) Size | - |
| Range of Depths (fm) | - |

TABLE 23

LENGTH FREQUENCIES - COD - 4W - 1965

(FREQUENCIES IN ‰ - 3 CM GROUPS)

| GEAR | Otter Trawl | | | | | | Long Line |
|----------------------------|--------------------|--------------------|--------------------------|--------------------|--------------------|-------------------|-----------|
| | (Commercial) | | | | | | |
| CATCHES/LANDINGS | Landings | | | | | | |
| MONTH | March | April | May | November | December | September | |
| COUNTRY | Canada (Maritimes) | | | | | | |
| TONNAGE | 151-500 | | | | | 26-50 | |
| 36 | - | - | 4 | - | 14 | 39 | |
| 39 | - | 3 | 23 | 10 | 52 | 61 | |
| 42 | - | 16 | 91 | 71 | 105 | 123 | |
| 45 | - | 42 | 173 | 187 | 201 | 152 | |
| 48 | - | 68 | 140 | 266 | 196 | 194 | |
| 51 | 32 | 81 | 89 | 189 | 162 | 142 | |
| 54 | 79 | 122 | 93 | 126 | 123 | 78 | |
| 57 | 101 | 124 | 124 | 60 | 49 | 74 | |
| 60 | 122 | 96 | 86 | 38 | 20 | 49 | |
| 63 | 108 | 104 | 64 | 17 | 20 | 32 | |
| 66 | 94 | 74 | 47 | 10 | 5 | 19 | |
| 69 | 86 | 72 | 15 | 14 | 5 | 23 | |
| 72 | 40 | 50 | 13 | 5 | 10 | - | |
| 75 | 72 | 29 | 16 | 5 | 10 | 10 | |
| 78 | 67 | 27 | 6 | 2 | - | - | |
| 81 | 38 | 23 | 4 | - | 15 | 3 | |
| 84 | 39 | 18 | 2 | - | 6 | - | |
| 87 | 40 | 12 | 2 | - | 1 | - | |
| 90 | 36 | 15 | 2 | - | 2 | - | |
| 93 | 12 | 7 | 2 | - | 1 | - | |
| 96 | 16 | 7 | 1 | - | 2 | - | |
| 99 | 9 | 4 | 1 | - | 1 | - | |
| 102 | 2 | 3 | - | - | 1 | - | |
| 105 | 2 | - | 1 | - | - | - | |
| 108 | 5 | 2 | - | - | - | - | |
| 111 | - | - | - | - | - | - | |
| 114 | - | 1 | - | - | - | - | |
| Total ‰ | 1000 | 1000 | 999 | 1000 | 1001 | 999 | |
| Serial Numbers | 38 | 37&39 | 40-42 | 60 | 61 | 62 | |
| Number of Samples | 1 | 2 | 3 | 1 | 1 | 1 | |
| Number of Fish Measured | 304 | 712 | 1410 | 406 | 269 | 309 | |
| Mean Length (cm) | 69.99 | 62.90 | 54.32 | 51.29 | 51.12 | 50.61 | |
| Mean Weight (kg) | 2.93 | 2.55 | 1.73 | 1.49 | 1.51 | 1.43 | |
| Total Weight Landed (tons) | - | - | - | - | - | - | |
| Estimated Number Landed | - | - | - | - | - | - | |
| Mesh(mm) or Hook(no.) Size | 4 1/2 ¹ | 4 1/2 ¹ | 4 1/2-4 3/4 ¹ | 4 5/8 ¹ | 4 1/2 ¹ | # 16 ¹ | |
| Range of Depths (fm) | 50-60 | 50-90 | 40-50 | 23-80 | 40-50 | 25-32 | |

¹ Mesh size - inches

TABLE 24 LENGTH FREQUENCIES - COD - 4X - 1965

(FREQUENCIES IN ‰ - 3 CM GROUPS)

| GEAR | Otter Trawl | | | |
|----------------------------|--------------------------|----------------------|--------------------|--------------------|
| | (Commercial) | | | |
| CATCHES/LANDINGS | Landings | | | |
| MONTH | June | July | August | December |
| COUNTRY | Canada (Maritimes) | | | |
| TONNAGE | 151-500 | | | |
| 30 | - | 1 | - | - |
| 33 | 1 | - | - | - |
| 36 | 6 | 3 | - | 1 |
| 39 | 22 | 39 | 12 | 17 |
| 42 | 49 | 91 | 100 | 26 |
| 45 | 63 | 79 | 108 | 54 |
| 48 | 56 | 51 | 90 | 76 |
| 51 | 63 | 83 | 90 | 82 |
| 54 | 64 | 110 | 91 | 87 |
| 57 | 67 | 109 | 73 | 77 |
| 60 | 96 | 99 | 69 | 48 |
| 63 | 109 | 92 | 93 | 58 |
| 66 | 99 | 84 | 69 | 77 |
| 69 | 65 | 57 | 48 | 48 |
| 72 | 69 | 39 | 34 | 39 |
| 75 | 53 | 28 | 24 | 45 |
| 78 | 30 | 13 | 6 | 50 |
| 81 | 29 | 6 | 19 | 61 |
| 84 | 20 | 4 | 13 | 31 |
| 87 | 14 | 6 | 16 | 21 |
| 90 | 8 | 3 | - | 31 |
| 93 | 6 | 2 | 10 | 36 |
| 96 | 4 | 1 | 3 | 5 |
| 99 | 3 | - | 16 | 10 |
| 102 | 2 | - | 3 | - |
| 105 | 1 | - | - | - |
| 108 | 1 | - | 6 | - |
| 111 | - | - | 3 | 5 |
| 114 | - | - | 3 | - |
| 117 | - | - | - | 5 |
| 120 | 1 | - | - | 10 |
| Total ‰ | 1001 | 1000 | 999 | 1000 |
| Serial Numbers | 50-53 | 54-55 | 56 | 57 |
| Number of Samples | 4 | 2 | 1 | 1 |
| Number of Fish Measured | 1923 | 807 | 328 | 325 |
| Mean Length (cm) | 62.73 | 57.90 | 59.61 | 66.47 |
| Mean Weight (kg) | 3.00 | 2.33 | 2.65 | 3.80 |
| Total Weight Landed (tons) | - | - | - | - |
| Estimated Number Landed | - | - | - | - |
| Mesh(mm) or Hook(no.) Size | 4 3/8-4 5/8 ¹ | 4 1/2-5 ¹ | 4 3/8 ¹ | 4 3/8 ¹ |
| Range of Depths (fm) | 35-80 | 29-40 | 40-50 | 40-54 |

¹ Mesh size - inches

| GEAR | Otter Trawl (Commercial) | | | |
|----------------------------|-----------------------------|--------------------|------------------|------------------|
| | Landings | | | |
| CATCHES/LANDINGS | | | | |
| MONTH | January | February | February | March |
| COUNTRY | United States | Canada (Maritimes) | United States | United States |
| TONNAGE | 0-483 | 151-500 | 0-483 | 0-483 |
| 36 | 4 | - | - | - |
| 39 | 24 | - | - | - |
| 42 | 82 | - | - | - |
| 45 | 94 | 2 | - | - |
| 48 | 153 | 1 | 1 | 13 |
| 51 | 162 | 1 | 5 | 6 |
| 54 | 154 | 4 | 26 | 34 |
| 57 | 121 | 4 | 35 | 16 |
| 60 | 109 | 4 | 33 | 117 |
| 63 | 43 | 6 | 34 | 96 |
| 66 | 9 | 18 | 33 | 63 |
| 69 | 22 | 28 | 58 | 56 |
| 72 | 9 | 53 | 41 | 43 |
| 75 | 4 | 52 | 94 | 44 |
| 78 | 5 | 80 | 96 | 71 |
| 81 | 5 | 20 | 126 | 102 |
| 84 | - | 39 | 118 | 138 |
| 87 | - | 53 | 115 | 92 |
| 90 | - | 62 | 59 | 42 |
| 93 | - | 71 | 65 | 40 |
| 96 | - | 88 | 35 | 3 |
| 99 | - | 115 | 13 | 12 |
| 102 | - | 44 | 10 | 3 |
| 105 | - | 35 | 3 | 2 |
| 108 | - | 35 | - | 7 |
| 111 | - | 27 | - | - |
| 114 | - | 35 | - | - |
| 117 | - | 18 | - | - |
| 120 | - | 35 | - | - |
| 123 | - | 26 | - | - |
| 126 | - | 18 | - | - |
| 129 | - | 18 | - | - |
| 132 | - | 9 | - | - |
| Total ‰ | 1000 | 1001 | 1000 | 1000 |
| Serial Numbers | - | 43 | - | - |
| Number of Samples | 5 | 1 | 5 | 3 |
| Number of Fish Measured | 534 | 347 | 516 | 312 |
| Mean Length (cm) | 53.67 | 94.97 | 79.95 | 72.81 |
| Mean Weight (kg) | 1.80 | 10.58 | 5.57 | 4.08 |
| Total Weight Landed (tons) | 580 | - | 1114 | 1425 |
| Estimated Number Landed | 321400 | - | 200100 | 349200 |
| Mesh(mm) or Hook(no.) Size | 4.5 ¹ | 4 1/4 ¹ | 4.5 ¹ | 4.5 ¹ |
| Range of Depths (fm) | 10-140 | - | 28-150 | 24-120 |

¹ Mesh size - inches

TABLE 25
(cont'd)

LENGTH FREQUENCIES - COD - 52 - 1965

(FREQUENCIES IN ‰ - 3 CM GROUPS)

| GEAR | Otter Trawl (Commercial) | | | | | | |
|----------------------------|-----------------------------|------------------|------------------|--------------------|------------------|--------------------|------------------|
| | Landings | | | | | | |
| CATCHES/LANDINGS | | | | | | | |
| MONTH | April | April | May | June | June | July | July |
| COUNTRY | Canada (M) | USA | | Canada (M) | USA | Canada (M) | USA |
| TONNAGE | 151-500 | 0-483 | | 151-500 | 0-483 | 151-500 | 0-483 |
| 36 | 1 | - | - | - | - | - | - |
| 39 | 13 | - | - | - | 12 | - | 4 |
| 42 | 42 | - | 19 | - | 67 | - | 22 |
| 45 | 32 | - | 53 | 9 | 137 | - | 121 |
| 48 | 12 | - | 127 | 27 | 120 | 32 | 127 |
| 51 | 11 | - | 119 | 64 | 103 | 15 | 120 |
| 54 | 32 | - | 128 | 82 | 144 | 30 | 96 |
| 57 | 68 | - | 90 | 118 | 81 | 62 | 113 |
| 60 | 88 | - | 73 | 109 | 99 | 77 | 89 |
| 63 | 94 | - | 73 | 118 | 54 | 70 | 109 |
| 66 | 88 | - | 32 | 82 | 43 | 52 | 61 |
| 69 | 49 | - | 47 | 82 | 37 | 25 | 36 |
| 72 | 32 | 43 | 29 | 64 | 28 | 38 | 27 |
| 75 | 83 | 87 | 50 | 131 | 35 | 73 | 19 |
| 78 | 58 | 87 | 44 | 58 | 14 | 91 | 35 |
| 81 | 43 | 175 | 29 | 23 | 5 | 44 | 5 |
| 84 | 60 | 196 | 34 | 15 | 5 | 66 | 2 |
| 87 | 28 | 175 | 20 | 12 | 11 | 82 | 3 |
| 90 | 40 | 65 | 15 | 5 | 5 | 71 | 3 |
| 93 | 28 | 43 | 12 | 1 | - | 33 | 2 |
| 96 | 23 | 43 | 4 | 1 | - | 38 | 1 |
| 99 | 14 | - | 2 | - | - | 55 | 2 |
| 102 | 5 | - | - | - | - | - | 1 |
| 105 | 5 | - | - | - | - | 16 | - |
| 108 | 9 | - | - | - | - | 11 | 1 |
| 111 | 9 | - | - | - | - | 6 | - |
| 114 | 14 | 43 | - | - | - | 6 | - |
| 117 | 5 | 43 | - | - | - | - | 1 |
| 120 | 9 | - | - | - | - | - | - |
| 123 | 5 | - | - | - | - | 6 | - |
| Total ‰ | 1000 | 1000 | 1000 | 1001 | 1000 | 999 | 1000 |
| Serial Numbers | 44 | - | - | 45 | - | 46 | - |
| Number of Samples | 1 | 1 | 7 | 1 | 5 | 1 | 5 |
| Number of Fish Measured | 312 | 46 | 627 | 258 | 406 | 281 | 827 |
| Mean Length (cm) | 72.57 | 87.18 | 61.99 | 65.86 | 56.54 | 77.77 | 58.06 |
| Mean Weight (kg) | 4.71 | 7.03 | 2.79 | 2.42 | 2.08 | 4.33 | 2.33 |
| Total Weight Landed (tons) | - | 1359 | 1236 | - | 1175 | - | 950 |
| Estimated Number Landed | - | 193200 | 443400 | - | 567100 | - | 407700 |
| Mesh(mm) or Hook(no.) Size | 4 3/8 ¹ | 4.5 ¹ | 4.5 ¹ | 4 1/4 ¹ | 4.5 ¹ | 4 5/8 ¹ | 4.5 ¹ |
| Range of Depths (fm) | 30-50 | 25-30 | 13-80 | 45-65 | 20-70 | 22-27 | 14-120 |

¹ Mesh size - inches

TABLE 25 LENGTH FREQUENCIES - COD - 52 - 1965
(cont'd)

(FREQUENCIES IN ‰ - 3 CM GROUPS)

| GEAR | Otter Trawl (Commercial) | | | | | |
|----------------------------|-----------------------------|------------------|------------------|------------------|------------------|------------------|
| | Landings | | | | | |
| CATCHES/LANDINGS | August | August | September | October | November | December |
| MONTH | Canada (M) | United States | | | | |
| COUNTRY | 151-500 | 0-483 | | | | |
| TONNAGE | | | | | | |
| 36 | 2 | - | - | 6 | - | - |
| 39 | 25 | 10 | 9 | 10 | 10 | 8 |
| 42 | 116 | 34 | 42 | 34 | 48 | 47 |
| 45 | 187 | 89 | 113 | 80 | 84 | 62 |
| 48 | 166 | 123 | 156 | 140 | 113 | 124 |
| 51 | 84 | 107 | 159 | 131 | 135 | 129 |
| 54 | 44 | 87 | 121 | 126 | 125 | 161 |
| 57 | 51 | 56 | 54 | 71 | 77 | 72 |
| 60 | 86 | 73 | 65 | 95 | 98 | 57 |
| 63 | 65 | 76 | 56 | 68 | 65 | 67 |
| 66 | 51 | 87 | 68 | 45 | 64 | 92 |
| 69 | 51 | 66 | 48 | 39 | 53 | 48 |
| 72 | 32 | 35 | 34 | 52 | 34 | 56 |
| 76 | 28 | 37 | 18 | 39 | 22 | 37 |
| 78 | 7 | 28 | 21 | 17 | 28 | 6 |
| 81 | 5 | 12 | 10 | 16 | 18 | - |
| 84 | - | 23 | 14 | 9 | 17 | 10 |
| 87 | - | 11 | 6 | 13 | 4 | 14 |
| 90 | - | 18 | 2 | 4 | 5 | 10 |
| 93 | - | 10 | 2 | 5 | - | - |
| 96 | - | 5 | 2 | - | - | - |
| 99 | - | 2 | - | - | - | - |
| Total ‰ | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Serial Numbers | 47-48 | - | - | - | - | - |
| Number of Samples | 2 | 7 | 12 | 7 | 5 | 3 |
| Number of Fish Measured | 556 | 780 | 1198 | 803 | 499 | 316 |
| Mean Length (cm) | 54.36 | 60.64 | 56.89 | 58.51 | 58.48 | 59.15 |
| Mean Weight (kg) | 1.78 | 2.73 | 2.12 | 2.39 | 2.40 | 2.41 |
| Total Weight Landed (tons) | - | 788 | 920 | 546 | 676 | 491 |
| Estimated Number Landed | - | 288900 | 433700 | 228000 | 281300 | 204000 |
| Mesh(mm) or Hook(no.) Size | 4 1/2 ¹ | 4.5 ¹ | 4.5 ¹ | 4.5 ¹ | 4.5 ¹ | 4.5 ¹ |
| Range of Depths (fm) | 42-55 | 20-100 | 20-160 | 12-96 | 24-110 | 6-118 |

¹ Mesh size - inches

TABLE 26

AGE/LENGTH KEY - COD - 1B - 1965 (3rd QUARTER)

| GEAR | | Long-Line (Research) | | | | | | | | | | | | | Total No. of Ages Read | | LENGTH COMPOSITION PER MILLE | | | |
|--------------------------------------|---|---------------------------|-----|----|----|----|---|----|----|----|----|----|----|----|------------------------|----|------------------------------|-----------------------|-----|-----|
| CATCHES OR LANDINGS | | NK | | | | | | | | | | | | | | | | | | |
| COUNTRY | | Denmark (Greenland) | | | | | | | | | | | | | | | | | | |
| TONNAGE | | Less than 50 | | | | | | | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | NK | | | | | | | | | | | | | | | | | | |
| Length Group (3 cm) | Age | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 15 | 18 | 20 | 21 | 22 | Total No. of Ages Read | Months Within Quarter | | |
| | | | | | | | | | | | | | | | | | | Jul | Aug | Sep |
| 42 | | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | | | | |
| 45 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| 48 | | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | 3 | | | | |
| 51 | | 1 | 10 | - | - | - | - | - | - | - | - | - | - | - | - | 11 | | | | |
| 54 | | - | 28 | - | - | - | - | - | - | - | - | - | - | - | - | 28 | | | | |
| 57 | | - | 21 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | 23 | | | | |
| 60 | | - | 34 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | 38 | | | | |
| 63 | | - | 23 | 6 | - | 1 | - | - | - | - | - | - | - | - | - | 30 | | | | |
| 66 | | - | 17 | 13 | 3 | 2 | - | - | - | - | - | - | - | - | - | 35 | | | | |
| 69 | | - | 1 | 11 | 5 | 2 | - | - | - | - | - | - | - | - | - | 19 | | | | |
| 72 | | - | 1 | 5 | 2 | 4 | - | - | - | - | - | - | - | - | - | 12 | | | | |
| 75 | | - | - | 5 | 5 | 10 | - | - | - | - | - | - | - | - | - | 20 | | | | |
| 78 | | - | - | 1 | 2 | 12 | - | - | - | - | - | - | - | - | - | 15 | | | | |
| 81 | | - | - | 1 | - | 5 | 1 | - | - | - | - | - | - | - | - | 7 | | | | |
| 84 | | - | - | - | - | 3 | 3 | 1 | - | 2 | - | 1 | - | - | - | 10 | | | | |
| 87 | | - | - | - | - | 1 | - | 1 | - | 1 | - | 1 | 2 | - | - | 5 | | | | |
| 90 | | - | - | - | - | - | 1 | - | 2 | 2 | 1 | 1 | 1 | - | - | 8 | | | | |
| 93 | | - | - | - | - | 1 | - | - | - | 1 | 1 | - | - | - | - | 3 | | | | |
| 96 | | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | 1 | | | | |
| 99 | | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | 1 | | | | |
| 102 | | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | 1 | | | | |
| 105 | | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | 1 | | | | |
| 108 | | - | - | - | - | - | - | - | - | - | - | - | 1 | - | 1 | 2 | | | | |
| 111 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| 114 | | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | | | | |
| 117 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| 120 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| 123 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| 126 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| 129 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| 132 | | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | 1 | | | | |
| Total No. of Ages Read | | 4 | 137 | 46 | 17 | 43 | 5 | 2 | 3 | 7 | 2 | 4 | 4 | 1 | 1 | 1 | 277 | X | | |
| Serial Numbers | | No. of Age Samples | | | | | | | | | | | | | | | | | | |
| X | Number of fish measured each month | | | | | | | | | | | | | | 277 | | | | | |
| | Mean length of fish (cm) each month | | | | | | | | | | | | | | 68.2 | | | | | |
| | Mean weight of fish (kg) each month | | | | | | | | | | | | | | 3.2 | | | | | |
| | Total weight caught or landed (tons) each month | | | | | | | | | | | | | | | | | | | |
| | Estimated number caught or landed (whole numbers) each month | | | | | | | | | | | | | | | | | | | |
| | Range of depths (m) each month | | | | | | | | | | | | | | 100-200 | | | | | |
| Mesh size (mm) | | | | | | | | | | | | | | | | | | | | |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | Total |
|-------|-------|
| | |
| | |
| | |

TABLE 26
(cont'd)

AGE/LENGTH KEY - COD - 1B - 1965 (3rd QUARTER)

| GEAR | | Pound Net (Research) | | | | | | | | | | |
|---|--|----------------------|-----|---|---|---|---|------------------------|-----------------------------|-----|-------|-----|
| CATCHES OR LANDINGS | | NK | | | | | | | | | | |
| COUNTRY | | Denmark (Greenland) | | | | | | | | | | |
| TONNAGE | | Less than 50 | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | NK | | | | | | | | | | |
| Length Group (3 cm) | Age | 4 | 5 | 6 | 7 | 8 | 9 | Total No. of Ages Read | LENGTH COMPOSITION PER MILE | | | |
| | | | | | | | | | Months Within Quarter | Jul | Aug | Sep |
| 39 | | 1 | - | - | - | - | - | 1 | | | | |
| 42 | | 12 | - | - | - | - | - | 12 | | | | |
| 45 | | 37 | 2 | - | - | - | - | 39 | | | | |
| 48 | | 50 | 11 | - | - | - | - | 61 | | | | |
| 51 | | 20 | 23 | - | - | - | - | 43 | | | | |
| 54 | | 12 | 24 | - | - | - | - | 36 | | | | |
| 57 | | 3 | 30 | - | - | - | - | 33 | | | | |
| 60 | | - | 22 | 2 | - | - | - | 24 | | | | |
| 63 | | - | 13 | 1 | - | - | - | 14 | | | | |
| 66 | | - | 6 | 2 | - | - | - | 8 | | | | |
| 69 | | - | - | 2 | - | 1 | - | 3 | | | | |
| 72 | | - | - | 1 | - | - | - | 1 | | | | |
| 75 | | - | - | - | - | 2 | 1 | 3 | | | | |
| 78 | | - | - | - | - | 1 | - | 1 | | | | |
| 81 | | - | - | - | - | - | - | - | | | | |
| 84 | | - | - | - | - | 2 | - | 2 | | | | |
| Total No. of Ages Read | | 135 | 131 | 8 | - | 6 | 1 | 281 | X | | | |
| Serial Numbers | No. of Age Samples | | | | | | | | | | | |
| X | Number of fish measured each month | | | | | | | | 281 | | | |
| | Mean length of fish (cm) each month | | | | | | | | 53.8 | | | |
| | Mean weight of fish (kg) each month | | | | | | | | | | | |
| | Total weight caught or landed (tons) each month | | | | | | | | | | | |
| | Estimated number caught or landed (whole numbers) each month | | | | | | | | | | | |
| | Range of depths (m) each month | | | | | | | | | | | |
| Mesh size (mm) | | | | | | | | | | | | |
| AGE COMPOSITIONS OF LANDINGS (PER MILE) | | | | | | | | | | | | |
| Month | | | | | | | | | | | Total | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

TABLE 26
(cont'd)

AGE/LENGTH KEY - COD - IB - 1965 (3rd QUARTER)

| GEAR | | Greenlanders' (Commercial) | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|-----|--|-----|----|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|------------------------|------------------------------|------|-----------|-----|
| CATCHES OR LANDINGS | | NK | | | | | | | | | | | | | | | | | | | | | | |
| COUNTRY | | Denmark (Greenland) | | | | | | | | | | | | | | | | | | | | | | |
| TONNAGE | | NK | | | | | | | | | | | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | NK | | | | | | | | | | | | | | | | | | | | | | |
| Length Group (3 cm) | Age | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 22 | Total No. of Ages Read | LENGTH COMPOSITION PER MILLE | | | |
| | | | | | | | | | | | | | | | | | | | | | Months Within Quarter | Jul | Aug & Sep | Sep |
| 42 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | | | | |
| 45 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | | | | |
| 48 | 2 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 5 | | | | |
| 51 | 2 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 4 | | | | |
| 54 | 7 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 10 | | | | |
| 57 | 2 | 22 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 25 | | | | |
| 60 | 3 | 39 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 44 | | | | |
| 63 | - | 22 | 7 | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | 31 | | | | |
| 66 | - | 13 | 5 | 1 | 3 | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | 23 | | | | |
| 69 | - | 7 | 8 | 2 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 20 | | | | |
| 72 | - | 1 | 11 | 1 | 10 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 23 | | | | |
| 75 | - | 2 | 1 | - | 16 | - | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - | 21 | | | | |
| 78 | - | - | 2 | - | 37 | 1 | 2 | 2 | 3 | - | - | - | - | - | - | - | - | - | - | 47 | | | | |
| 81 | - | - | - | 6 | 17 | 5 | 4 | 2 | 2 | - | 1 | - | - | - | 1 | - | - | - | - | 38 | | | | |
| 84 | - | - | 1 | 1 | 18 | 3 | 6 | 5 | 6 | - | 1 | - | - | - | 1 | - | - | - | - | 42 | | | | |
| 87 | - | - | - | 1 | 9 | 1 | 5 | 2 | 7 | 1 | 4 | 1 | - | - | - | - | - | - | - | 31 | | | | |
| 90 | - | 1 | - | 1 | 7 | 4 | 5 | 5 | 17 | 1 | 1 | 4 | - | 1 | 3 | - | - | - | - | 50 | | | | |
| 93 | - | - | - | - | 1 | - | 2 | 2 | 18 | 1 | 3 | 3 | - | - | 1 | 1 | - | - | - | 32 | | | | |
| 96 | - | - | - | - | - | 1 | 1 | 4 | 4 | 3 | 1 | 2 | 1 | 1 | - | - | - | - | - | 18 | | | | |
| 99 | - | - | - | - | - | 1 | 2 | 1 | 7 | - | - | 1 | 1 | 1 | 1 | - | - | - | - | 15 | | | | |
| 102 | - | - | - | - | 1 | - | - | 1 | 2 | - | 1 | 1 | - | - | 1 | - | 1 | - | - | 8 | | | | |
| 105 | - | - | - | - | - | - | - | 1 | - | - | - | 3 | - | - | 2 | - | - | - | 1 | 7 | | | | |
| 108 | - | - | - | - | - | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - | 2 | | | | |
| Total No. of Ages Read | | 18 | 115 | 38 | 14 | 123 | 16 | 28 | 25 | 70 | 7 | 12 | 15 | 2 | 3 | 10 | 1 | 1 | 1 | 499 | X | | | |
| Serial Numbers | | No. of Age Samples | | | | | | | | | | | | | | | | | | | | | | |
| X | | Number of fish measured each month | | | | | | | | | | | | | | | | | | | | 308 | 191 | |
| | | Mean length of fish (cm) each month | | | | | | | | | | | | | | | | | | | | 85.8 | 65.7 | |
| | | Mean weight of fish (kg) each month | | | | | | | | | | | | | | | | | | | | | | |
| | | Total weight caught or landed (tons) each month | | | | | | | | | | | | | | | | | | | | | | |
| | | Estimated number caught or landed (whole numbers) each month | | | | | | | | | | | | | | | | | | | | | | |
| | | Range of depths (m) each month | | | | | | | | | | | | | | | | | | | | | | |
| | | Mesh size (mm) | | | | | | | | | | | | | | | | | | | | | | |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | Total |
|-------|-------|
| | |
| | |
| | |

TABLE 26
(cont'd)AGE/LENGTH KEY - COD - 1B - 1965 (3rd and 4th QUARTERS)¹

| GEAR | | Greenlanders ¹ (Commercial) | | | | | | | | | | | | | Total No. of Ages Read | LENGTH COMPOSITION PER MILLE | |
|--------------------------------------|-----|--|----|----|----|----|---|----|----|----|----|----|----|----|---------------------------------|---------------------------------|-----|
| CATCHES OR LANDINGS | | NK | | | | | | | | | | | | | | Months Within Quarter | |
| COUNTRY | | Denmark (Greenland) | | | | | | | | | | | | | Sep ¹ & Oct | Oct | |
| TONNAGE | | 0-50 | | | | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | NK | | | | | | | | | | | | | | | |
| Length Group (3 cm) | Age | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | Total No. of Ages Read | Months Within Quarter | |
| | | | | | | | | | | | | | | | | Sep ¹ & Oct | Oct |
| 48 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | | |
| 51 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | 2 | | |
| 54 | - | 16 | 2 | - | - | - | - | - | - | - | - | - | - | - | 18 | | |
| 57 | 1 | 25 | 1 | - | - | - | - | - | - | - | - | - | - | - | 27 | | |
| 60 | - | 28 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | 32 | | |
| 63 | - | 15 | 9 | 3 | 2 | - | - | - | - | - | - | - | - | - | 29 | | |
| 66 | - | 8 | 7 | 6 | 4 | - | - | - | - | - | - | - | - | - | 25 | | |
| 69 | - | 3 | 6 | 1 | 5 | - | - | - | 1 | - | - | - | - | - | 16 | | |
| 72 | - | 1 | - | 3 | 11 | - | - | - | - | - | - | - | - | - | 15 | | |
| 75 | - | - | 1 | 3 | 8 | - | - | - | - | 1 | - | - | - | - | 13 | | |
| 78 | - | - | - | - | 11 | 1 | 3 | - | 3 | - | - | - | - | - | 18 | | |
| 81 | - | - | - | 1 | 4 | 1 | - | 1 | 3 | 1 | - | 1 | - | - | 12 | | |
| 84 | - | - | - | - | 6 | 2 | - | - | 2 | 1 | 1 | - | - | - | 12 | | |
| 87 | - | - | - | - | 1 | 2 | 1 | 1 | 5 | 1 | - | 1 | 1 | 1 | 13 | | |
| 90 | - | - | - | - | - | - | - | - | 5 | 1 | - | 1 | - | - | 7 | | |
| 93 | - | - | - | - | 1 | - | 1 | - | 3 | 2 | - | 1 | - | - | 8 | | |
| 96 | - | - | - | - | - | - | - | - | 2 | - | 1 | 1 | - | - | 4 | | |
| 99 | - | - | - | - | - | 1 | 1 | 1 | 2 | 1 | - | 2 | - | - | 8 | | |
| 102 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| 105 | - | - | - | - | - | - | - | - | 1 | - | - | - | 1 | - | 2 | | |
| 108 | - | - | - | - | - | - | - | - | - | 1 | - | - | - | 1 | 2 | | |
| 111 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | | |
| Total No. of Ages Read | | 1 | 99 | 29 | 18 | 53 | 7 | 6 | 4 | 27 | 8 | 2 | 8 | 3 | 265 | | |
| Serial Numbers | | No. of Age Samples | | | | | | | | | | | | | | | |
| X | | Number of fish measured each month | | | | | | | | | | | | | 176 | 89 | |
| | | Mean length of fish (cm) each month | | | | | | | | | | | | | 70.7 | 73.6 | |
| | | Mean weight of fish (kg) each month | | | | | | | | | | | | | | | |
| | | Total weight caught or landed (tons) each month | | | | | | | | | | | | | | | |
| | | Estimated number caught or landed (whole numbers) each month | | | | | | | | | | | | | | | |
| | | Range of depths (m) each month | | | | | | | | | | | | | | | |
| | | Mesh size (mm) | | | | | | | | | | | | | | | |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | Total |
|-------|-------|
| | |
| | |
| | |

¹ September and October can not be separated.

TABLE 27

AGE/LENGTH KEY - COD - IC - 1965 (2nd QUARTER)

| GEAR | | Otter Trawl (Commercial) | | | | | | | | | | | | | | | |
|--------------------------------------|---|--------------------------|-----|----|----|----|---|----|----|----|----|---|---------------------------|------------------------------|-----|-----|-----|
| CATCHES OR LANDINGS | | Landings | | | | | | | | | | | | | | | |
| COUNTRY | | Iceland | | | | | | | | | | | | | | | |
| TONNAGE | | 501-900 | | | | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Otoliths | | | | | | | | | | | | | | | |
| Length Group (3 cm) | Age | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 15 | ? | Total No. of Ages Read | LENGTH COMPOSITION PER MILLE | | | |
| | | | | | | | | | | | | | | Months Within Quarter | Apr | May | Jun |
| 48 | | 1 | 2 | - | - | - | - | - | - | - | - | - | 3 | | | | |
| 51 | | - | 7 | 2 | - | - | - | - | - | - | - | - | 9 | | | | |
| 54 | | 1 | 26 | 4 | 1 | - | - | - | - | - | - | - | 32 | | | | |
| 57 | | 1 | 36 | 3 | - | - | - | - | - | - | - | - | 40 | | | | |
| 60 | | - | 19 | 4 | - | - | - | - | - | - | - | 1 | 24 | | | | |
| 63 | | - | 8 | 7 | 1 | - | - | - | - | - | - | 1 | 17 | | | | |
| 66 | | - | 5 | 7 | 2 | - | - | - | - | - | - | - | 14 | | | | |
| 69 | | - | 1 | 8 | 3 | 1 | - | - | - | - | - | - | 13 | | | | |
| 72 | | 1 | - | 4 | 5 | 3 | - | 1 | - | - | - | - | 14 | | | | |
| 75 | | - | - | 3 | 4 | 5 | 1 | - | - | - | - | - | 13 | | | | |
| 78 | | - | - | 1 | 1 | 2 | - | - | - | - | - | - | 4 | | | | |
| 81 | | - | - | - | 1 | 3 | - | - | - | - | - | - | 4 | | | | |
| 84 | | - | - | - | - | 2 | - | - | - | - | - | - | 2 | | | | |
| 87 | | - | - | - | - | - | - | - | 1 | - | - | - | 1 | | | | |
| 90 | | - | - | - | - | 2 | - | - | - | - | - | - | 2 | | | | |
| 93 | | - | - | - | - | - | - | - | 1 | 1 | - | - | 2 | | | | |
| 96 | | - | - | - | - | - | - | - | 1 | - | - | - | 1 | | | | |
| 99 | | - | - | - | - | - | - | - | 2 | 1 | - | - | 3 | | | | |
| 102 | | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| 105 | | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| 108 | | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| 111 | | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| 114 | | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| 117 | | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| 120 | | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| 123 | | - | - | - | - | - | - | - | - | - | 1 | - | 1 | | | | |
| Total No. of Ages Read | | 4 | 104 | 43 | 18 | 18 | 1 | 1 | 5 | 2 | 1 | 2 | 199 | X | | | |
| Serial Numbers | | | | | | | | | | | | | No. of Age Samples | 1 | | | |
| X | Number of fish measured each month | | | | | | | | | | | | 199 | | | | |
| | Mean length of fish (cm) each month | | | | | | | | | | | | 64.8 | | | | |
| | Mean weight of fish (kg) each month | | | | | | | | | | | | | | | | |
| | Total weight caught or landed (tons) each month | | | | | | | | | | | | 74.7 | | | | |
| | Estimated number caught or landed (whole numbers) each month | | | | | | | | | | | | | | | | |
| | Range of depths (m) each month | | | | | | | | | | | | | | | | |
| | Mesh size (mm) | | | | | | | | | | | | 120 | | | | |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | Total |
|-------|-------|
| | |
| | |
| | |

TABLE 27
(cont'd)

AGE/LENGTH KEY - COD - IC - 1965 (2nd QUARTER)

| GEAR | | Otter Trawl (Research) | | | | | | | | | | | | | | |
|--------------------------------------|--|------------------------|----|-----|----|---|---|---|----|----|----|------------------------|------------------------------|-----|-----|-----|
| CATCHES OR LANDINGS | | NK | | | | | | | | | | | | | | |
| COUNTRY | | Norway | | | | | | | | | | | | | | |
| TONNAGE | | NK | | | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Otoliths | | | | | | | | | | | | | | |
| Length Group (3 cm) | Age | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Total No. of Ages Read | LENGTH COMPOSITION PER MILLE | | | |
| | | | | | | | | | | | | | Months Within Quarter | Apr | May | Jun |
| 30 | | 1 | 1 | - | - | - | - | - | - | - | - | 2 | | | | |
| 33 | | - | - | - | - | - | - | - | - | - | - | - | | | | |
| 36 | | 1 | 1 | - | - | - | - | - | - | - | - | 2 | | | | |
| 39 | | 2 | 1 | 1 | - | - | - | - | - | - | - | 4 | | | | |
| 42 | | - | 6 | 3 | - | - | - | - | - | - | - | 9 | | | | |
| 45 | | - | 9 | 10 | - | - | - | - | - | - | - | 19 | | | | |
| 48 | | - | 14 | 15 | - | - | - | - | - | - | - | 29 | | | | |
| 51 | | - | 6 | 25 | - | - | - | - | - | - | - | 31 | | | | |
| 54 | | - | 3 | 24 | 1 | - | - | - | - | - | - | 28 | | | | |
| 57 | | - | - | 25 | 1 | - | - | - | - | - | - | 26 | | | | |
| 60 | | - | - | 18 | 4 | - | - | - | - | - | - | 22 | | | | |
| 63 | | - | - | 6 | 7 | - | - | - | - | - | - | 13 | | | | |
| 66 | | - | - | 4 | 5 | 2 | 1 | - | - | - | - | 12 | | | | |
| 69 | | - | - | 2 | 6 | 2 | 1 | - | - | - | - | 11 | | | | |
| 72 | | - | - | - | - | 3 | - | - | - | - | - | 3 | | | | |
| 75 | | - | - | - | 1 | - | - | - | - | - | - | 1 | | | | |
| 78 | | - | - | - | - | 2 | - | - | - | - | - | 2 | | | | |
| 81 | | - | - | - | - | - | 1 | - | - | - | - | 1 | | | | |
| 84 | | - | - | - | - | - | - | - | - | - | - | - | | | | |
| 87 | | - | - | - | - | - | - | - | - | - | - | - | | | | |
| 90 | | - | - | - | - | - | - | - | - | - | - | - | | | | |
| 93 | | - | - | - | - | - | - | 1 | - | - | - | 1 | | | | |
| 96 | | - | - | - | - | - | - | - | - | - | - | - | | | | |
| 99 | | - | - | - | - | - | - | - | - | - | - | - | | | | |
| 102 | | - | - | - | - | - | - | - | - | - | 1 | 1 | | | | |
| Total No. of Ages Read | | 4 | 41 | 133 | 25 | 6 | 6 | 1 | - | - | 1 | 217 | X | | | |
| Serial Numbers | | No. of Age Samples 2 | | | | | | | | | | | | | | |
| X | Number of fish measured each month | | | | | | | | | | | | 217 | | | |
| | Mean length of fish (cm) each month | | | | | | | | | | | | 55.03 | | | |
| | Mean weight of fish (kg) each month | | | | | | | | | | | | | | | |
| | Total weight caught or landed (tong) each month | | | | | | | | | | | | | | | |
| | Estimated number caught or landed (whole numbers) each month | | | | | | | | | | | | | | | |
| | Range of depths (m) each month | | | | | | | | | | | | | | | |
| Mesh size (mm) | | | | | | | | | | | | | | | | |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | Total |
|-------|-------|
| | |
| | |
| | |

TABLE 27
(cont'd)

AGE/LENGTH KEY - COD - IC - 1965 (2nd QUARTER)

| GEAR | | Bottom Long Line (Research) | | | | | | | | | | | | | | | | | Total No. of Ages Read | | LENGTH COMPOSITION PER MILLE | | |
|--------------------------------------|--|-----------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|------------------------|------------------------|-------|------------------------------|--|--|
| CATCHES OR LANDINGS | | NK | | | | | | | | | | | | | | | | | | | Months Within Quarter | | |
| COUNTRY | | Norway | | | | | | | | | | | | | | | | | | | | | |
| TONNAGE | | NK | | | | | | | | | | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Otoliths | | | | | | | | | | | | | | | | | | | | | |
| Length Group (3 cm) | Age | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | >18 | Total No. of Ages Read | PER MILLE | | | | |
| | | | | | | | | | | | | | | | | | | | Apr | May | Jun | | |
| 48 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | | | | | |
| 51 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 3 | | | | | |
| 54 | - | 16 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 17 | | | | | |
| 57 | - | 16 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 17 | | | | | |
| 60 | - | 13 | 2 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 17 | | | | | |
| 63 | - | 8 | 6 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 15 | | | | | |
| 66 | - | - | 7 | 2 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | - | 13 | | | | | |
| 69 | - | - | 8 | 1 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | 12 | | | | | |
| 72 | - | - | 1 | 2 | 12 | 1 | - | - | - | - | - | - | - | - | - | - | - | 17 | | | | | |
| 75 | - | - | - | 2 | 9 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | 14 | | | | | |
| 78 | - | - | 1 | 2 | 9 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | 14 | | | | | |
| 81 | - | - | - | - | 3 | 3 | 4 | 2 | 3 | - | - | - | - | - | 1 | 1 | - | 17 | | | | | |
| 84 | - | - | - | 1 | 4 | 1 | - | 1 | 3 | - | 1 | - | - | - | - | - | - | 11 | | | | | |
| 87 | - | - | - | - | 4 | - | 3 | 1 | 6 | 1 | 2 | - | - | - | - | - | 1 | 18 | | | | | |
| 90 | - | - | - | - | 1 | 3 | 1 | 3 | 8 | 2 | - | 1 | - | - | 1 | - | - | 20 | | | | | |
| 93 | - | - | - | - | 2 | - | - | 1 | 7 | 1 | - | 2 | - | - | - | - | 1 | 14 | | | | | |
| 96 | - | - | - | - | 1 | 2 | 1 | 1 | 4 | 2 | 2 | 1 | - | - | 2 | - | - | 16 | | | | | |
| 99 | - | - | - | - | - | 1 | 2 | 1 | 5 | 1 | - | 1 | - | - | - | - | - | 11 | | | | | |
| 102 | - | - | - | - | 1 | - | - | - | 3 | 1 | - | - | - | - | - | - | - | 5 | | | | | |
| 105 | - | - | - | - | - | - | - | - | 1 | 1 | - | - | - | - | - | - | 1 | 3 | | | | | |
| 108 | - | - | - | - | - | - | - | - | 3 | 1 | - | - | - | - | - | - | - | 4 | | | | | |
| 111 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| 114 | - | - | - | - | - | - | - | - | 2 | - | 1 | - | - | - | - | - | 1 | 4 | | | | | |
| 117 | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | 2 | 3 | | | | | |
| 120 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | 1 | | | | | |
| >123 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 2 | 3 | | | | | |
| Total No. of Ages Read | | 1 | 57 | 27 | 12 | 53 | 15 | 12 | 11 | 46 | 10 | 6 | 5 | - | 4 | 5 | 6 | 270 | X | | | | |
| Serial Numbers | | No. of Age Samples | | | | | | | | | | | | | | | | | | | | | |
| X | Number of fish measured each month | | | | | | | | | | | | | | | | | | 110 | 160 | | | |
| | Mean length of fish (cm) each month | | | | | | | | | | | | | | | | | | 66.51 | 88.71 | | | |
| | Mean weight of fish (kg) each month | | | | | | | | | | | | | | | | | | | | | | |
| | Total weight caught or landed (tons) each month | | | | | | | | | | | | | | | | | | | | | | |
| | Estimated number caught or landed (whole numbers) each month | | | | | | | | | | | | | | | | | | | | | | |
| | Range of depths (m) each month | | | | | | | | | | | | | | | | | | | | | | |
| Mesh size (mm) | | | | | | | | | | | | | | | | | | | | | | | |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | Total |
|-------|-------|
| | |
| | |
| | |

TABLE 28

AGE/LENGTH KEY - COD - 1D - 1965 (1st QUARTER)

| GEAR | | Long-line (Research) | | | | | | | | | | | | | | | | | Total | LENGTH COMPOSITION PER MILLE | | | | |
|--------------------------------------|-----|--|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|------------------------|------------------------------|--|--|-----|-----|
| CATCHES OR LANDINGS | | NK | | | | | | | | | | | | | | | | | No. of | Months Within Quarter | | | | |
| COUNTRY | | Denmark (Greenland) | | | | | | | | | | | | | | | | | Ages | Jan | | | Feb | Mar |
| TONNAGE | | Less than 50 | | | | | | | | | | | | | | | | | Read | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Otoliths | | | | | | | | | | | | | | | | | | | | | | |
| Length Group (3 cm) | Age | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | Total No. of Ages Read | PER MILLE | | | | |
| | | | | | | | | | | | | | | | | | | | | Months Within Quarter | | | | |
| | | | | | | | | | | | | | | | | | | Jan | Feb | Mar | | | | |
| 39 | | 1 | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 7 | | | | | | |
| 42 | | - | 11 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 11 | | | | | | |
| 45 | | - | 12 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | 17 | | | | | | |
| 48 | | - | 11 | 13 | - | - | - | - | - | - | - | - | - | - | - | - | - | 24 | | | | | | |
| 51 | | - | 6 | 27 | - | - | - | - | - | - | - | - | - | - | - | - | - | 33 | | | | | | |
| 54 | | - | 2 | 33 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 36 | | | | | | |
| 57 | | - | 2 | 32 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 35 | | | | | | |
| 60 | | - | - | 19 | - | - | - | - | - | - | - | - | - | - | - | - | - | 19 | | | | | | |
| 63 | | - | - | 8 | 9 | 3 | - | - | 1 | - | - | - | - | - | - | - | - | 21 | | | | | | |
| 66 | | - | - | - | 4 | 2 | 3 | - | - | - | - | - | - | - | - | - | - | 9 | | | | | | |
| 69 | | - | - | - | 1 | 10 | 7 | 2 | - | - | - | - | - | - | - | - | - | 20 | | | | | | |
| 72 | | - | 1 | - | 5 | 3 | 12 | 1 | 3 | - | - | - | - | - | - | - | - | 25 | | | | | | |
| 75 | | - | - | - | - | 2 | 10 | 2 | 2 | - | 1 | - | - | - | - | - | - | 17 | | | | | | |
| 78 | | - | - | - | - | 3 | 13 | 1 | 1 | 1 | 1 | - | - | 1 | - | - | - | 21 | | | | | | |
| 81 | | - | - | - | - | - | 8 | 3 | 4 | 1 | 1 | 1 | - | - | - | - | - | 18 | | | | | | |
| 84 | | - | - | - | - | - | 3 | 1 | - | - | 3 | 2 | - | 1 | - | - | - | 10 | | | | | | |
| 87 | | - | - | - | - | - | - | 2 | 2 | - | 4 | - | - | - | - | 1 | 1 | 10 | | | | | | |
| 90 | | - | - | - | - | - | - | - | - | 1 | 4 | - | 1 | 1 | - | - | 1 | 8 | | | | | | |
| 93 | | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | 1 | | | | | | |
| 96 | | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - | - | - | - | 2 | | | | | | |
| 99 | | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | 2 | | | | | | |
| 102 | | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | 1 | | | | | | |
| 105 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | |
| 108 | | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | 1 | | | | | | |
| Total No. of Ages Read | | 1 | 51 | 137 | 21 | 23 | 56 | 12 | 13 | 3 | 16 | 5 | 2 | 4 | - | 1 | 2 | 1 | 348 | X | | | | |
| Serial Numbers | | No. of Age Samples | | | | | | | | | | | | | | | | | | | | | | |
| X | | Number of fish measured each month | | | | | | | | | | | | | | | | | 207 | 141 | | | | |
| | | Mean length of fish (cm) each month | | | | | | | | | | | | | | | | | 62.6 | 66.8 | | | | |
| | | Mean weight of fish (kg) each month | | | | | | | | | | | | | | | | | - | 3.7 | | | | |
| | | Total weight caught or landed (tons) each month | | | | | | | | | | | | | | | | | | | | | | |
| | | Estimated number caught or landed (whole numbers) each month | | | | | | | | | | | | | | | | | | | | | | |
| | | Range of depths (m) each month | | | | | | | | | | | | | | | | | | | | | | |
| | | Mesh size (mm) | | | | | | | | | | | | | | | | | | | | | | |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | Total |
|-------|-------|
| | |
| | |
| | |

TABLE 28
(cont'd)

AGE/LENGTH KEY - COD - 1D - 1965 (1st QUARTER)

| GEAR | | Hand-Line (Research) | | | | | | | | | |
|--------------------------------------|---|---------------------------|-----|----|---|---|---|------------------------|------------------------------|-----|-----|
| CATCHES OR LANDINGS | | NK | | | | | | | | | |
| COUNTRY | | Denmark (Greenland) | | | | | | | | | |
| TONNAGE | | Less than 50 | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Otoliths | | | | | | | | | |
| Length Group (3 cm) | Age | 3 | 4 | 5 | 6 | 7 | 8 | Total No. of Ages Read | LENGTH COMPOSITION PER MILLE | | |
| | | | | | | | | | Months Within Quarter | Jan | Feb |
| 36 | | 1 | 2 | - | - | - | - | 3 | | | |
| 39 | | - | 5 | - | - | - | - | 5 | | | |
| 42 | | 1 | 30 | 1 | - | - | - | 32 | | | |
| 45 | | - | 42 | - | - | - | - | 42 | | | |
| 48 | | 1 | 30 | 2 | - | - | - | 33 | | | |
| 51 | | - | 31 | 8 | - | - | - | 39 | | | |
| 54 | | - | 9 | 16 | 1 | - | - | 26 | | | |
| 57 | | - | 1 | 9 | - | - | - | 10 | | | |
| 60 | | - | - | 5 | 2 | - | - | 7 | | | |
| 63 | | - | - | 5 | - | - | - | 5 | | | |
| 66 | | - | - | - | - | - | - | - | | | |
| 69 | | - | - | - | - | - | - | - | | | |
| 72 | | - | - | - | - | - | - | - | | | |
| 75 | | - | - | - | - | - | - | - | | | |
| 78 | | - | - | - | - | - | 1 | 1 | | | |
| 81 | | - | - | - | - | 1 | - | 1 | | | |
| Total No. of Ages Read | | 3 | 150 | 46 | 3 | 1 | 1 | 204 | X | | |
| Serial Numbers | | No. of Age Samples | | | | | | | | | |
| X | Number of fish measured each month | | | | | | | | 204 | | |
| | Mean length of fish (cm) each month | | | | | | | | 50.0 | | |
| | Mean weight of fish (kg) each month | | | | | | | | 1.2 | | |
| | Total weight caught or landed (tons) each month | | | | | | | | | | |
| | Estimated number caught or landed (whole numbers) each month | | | | | | | | | | |
| | Range of depths (m) each month | | | | | | | | 60-170 | | |
| Mesh size (mm) | | | | | | | | | | | |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | Total |
|-------|-------|
| | |
| | |
| | |

TABLE 28
(cont'd)

AGE/LENGTH KEY - COD - 1D - 1965 (2nd QUARTER)

| GEAR | | Otter Trawl (Commercial) | | | | | | | | | | | | Total No. of Ages Read | LENGTH COMPOSITION PER MILLE | | |
|--------------------------------------|-----|--|----|----|----|----|----|----|----|----|----|----|----|---------------------------------|---------------------------------|-----|--|
| CATCHES OR LANDINGS | | Landings | | | | | | | | | | | | | Months Within Quarter | | |
| COUNTRY | | Iceland | | | | | | | | | | | | | | | |
| TONNAGE | | 501-900 | | | | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Otoliths | | | | | | | | | | | | | | | |
| Length Group (3 cm) | Age | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 15 | 17 | NK | | | | |
| | | | | | | | | | | | | | | Apr | May | Jun | |
| 42 | | 2 | - | - | 1 | - | - | - | - | - | - | - | - | 3 | | | |
| 45 | | 7 | - | - | - | - | - | - | - | - | - | - | - | 7 | | | |
| 48 | | 18 | 1 | - | - | - | - | - | - | - | - | - | - | 19 | | | |
| 51 | | 29 | 3 | - | - | - | - | - | - | - | - | - | - | 32 | | | |
| 54 | | 23 | 15 | - | - | - | - | - | - | - | - | - | - | 38 | | | |
| 57 | | 14 | 17 | 2 | - | - | - | - | - | - | - | - | - | 33 | | | |
| 60 | | 5 | 17 | 2 | - | - | - | - | - | - | - | - | - | 24 | | | |
| 63 | | - | 14 | 2 | 2 | - | - | - | - | - | - | - | 2 | 20 | | | |
| 66 | | - | 7 | 9 | 3 | 3 | - | - | - | - | - | - | - | 22 | | | |
| 69 | | - | 3 | 8 | 16 | 9 | 1 | - | - | - | - | - | - | 37 | | | |
| 72 | | - | - | 3 | 7 | 18 | - | 1 | - | - | - | - | 1 | 30 | | | |
| 75 | | - | - | 1 | 11 | 17 | - | - | 1 | - | - | - | - | 30 | | | |
| 78 | | - | - | - | 8 | 19 | 3 | - | - | - | - | - | - | 30 | | | |
| 81 | | - | - | - | 5 | 15 | 5 | 1 | - | 1 | - | - | 1 | 28 | | | |
| 84 | | - | - | - | 3 | 8 | 4 | 1 | 2 | - | - | - | - | 18 | | | |
| 87 | | - | - | - | 1 | 4 | 4 | 1 | 1 | 1 | - | 1 | 1 | 14 | | | |
| 90 | | - | - | - | 1 | 1 | 1 | 1 | - | 1 | - | - | - | 5 | | | |
| 93 | | - | - | - | - | 1 | 1 | - | 1 | 1 | 1 | - | - | 5 | | | |
| 96 | | - | - | - | - | 2 | 1 | - | - | 1 | - | - | - | 4 | | | |
| 99 | | - | - | - | - | - | - | - | - | 1 | - | - | - | 1 | | | |
| Total No. of Ages Read | | 98 | 77 | 27 | 58 | 97 | 20 | 5 | 5 | 6 | 1 | 1 | 5 | 400 | X | | |
| Serial Numbers | | No. of Age Samples 2 | | | | | | | | | | | | | | | |
| X | | Number of fish measured each month | | | | | | | | | | | | 400 | | | |
| | | Mean length of fish (cm) each month | | | | | | | | | | | | 67.9 | | | |
| | | Mean weight of fish (kg) each month | | | | | | | | | | | | | | | |
| | | Total weight caught or landed (tons) each month | | | | | | | | | | | | 1751.5 | | | |
| | | Estimated number caught or landed (whole numbers) each month | | | | | | | | | | | | | | | |
| | | Range of depths (m) each month | | | | | | | | | | | | 120 | | | |
| | | Mesh size (mm) | | | | | | | | | | | | | | | |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | Total |
|-------|-------|
| | |
| | |
| | |

TABLE 28
(cont'd)

AGE/LENGTH KEY - COD - 1D - 1965 (2nd QUARTER)

| GEAR | | Otter Trawl (Research) | | | | | | | | | | | | | |
|--------------------------------------|---|-----------------------------|----|-----|----|----|----|---|----|----|----|------------------------|------------------------------|-------|--|
| CATCHES OR LANDINGS | | Catches | | | | | | | | | | | | | |
| COUNTRY | | Norway | | | | | | | | | | | | | |
| TONNAGE | | NK | | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Otoliths | | | | | | | | | | | | | |
| Length Group (3 cm) | Age | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Total No. of Ages Read | LENGTH COMPOSITION PER MILLE | | |
| | | | | | | | | | | | | | Months Within Quarter | | |
| | | | | | | | | | | | | Apr | May | Jun | |
| 39 | | 2 | 2 | - | - | - | - | - | - | - | - | 4 | | | |
| 42 | | - | 1 | - | - | - | - | - | - | - | - | 1 | | | |
| 45 | | - | 6 | 1 | - | - | - | - | - | - | - | 7 | | | |
| 48 | | - | 10 | 2 | - | - | - | - | - | - | - | 12 | | | |
| 51 | | - | 7 | 10 | - | - | - | - | - | - | - | 17 | | | |
| 54 | | 1 | 9 | 19 | 2 | - | - | - | - | - | - | 31 | | | |
| 57 | | - | 6 | 23 | 3 | - | - | - | - | - | - | 32 | | | |
| 60 | | - | 3 | 43 | 4 | - | - | - | - | - | - | 50 | | | |
| 63 | | - | - | 35 | 9 | 1 | - | - | - | - | - | 45 | | | |
| 66 | | - | 1 | 22 | 14 | 3 | 1 | - | - | - | - | 41 | | | |
| 69 | | - | - | 3 | 7 | 4 | - | - | - | - | - | 14 | | | |
| 72 | | - | - | 3 | 8 | 7 | 7 | - | - | - | - | 25 | | | |
| 75 | | - | - | - | 2 | 10 | 4 | 1 | - | - | - | 17 | | | |
| 78 | | - | - | - | 1 | 8 | 3 | 1 | - | - | 1 | 14 | | | |
| 81 | | - | - | - | - | - | 4 | 2 | - | - | - | 6 | | | |
| 84 | | - | - | - | - | - | 2 | - | - | 1 | - | 3 | | | |
| 87 | | - | - | - | - | - | 1 | 1 | - | - | 1 | 3 | | | |
| 90 | | - | - | - | - | - | - | 1 | - | - | 1 | 2 | | | |
| 93 | | - | - | - | - | - | - | 2 | - | - | - | 2 | | | |
| 96 | | - | - | - | - | - | - | - | - | - | - | - | | | |
| 99 | | - | - | - | - | - | - | - | - | - | - | - | | | |
| 102 | | - | - | - | - | - | - | - | - | - | 1 | 1 | | | |
| Total No. of Ages Read | | 3 | 45 | 161 | 50 | 33 | 22 | 8 | - | 1 | 4 | 327 | X | | |
| Serial Numbers | | No. of Age Samples 3 | | | | | | | | | | | | | |
| X | Number of fish measured each month | | | | | | | | | | | | 108 | 219 | |
| | Mean length of fish (cm) each month | | | | | | | | | | | | 65.83 | 62.97 | |
| | Mean weight of fish (kg) each month | | | | | | | | | | | | | | |
| | Total weight caught or landed (tons) each month | | | | | | | | | | | | | | |
| | Estimated number caught or landed (whole numbers) each month | | | | | | | | | | | | | | |
| | Range of depths (m) each month | | | | | | | | | | | | | | |
| | Mesh size (mm) | | | | | | | | | | | | | | |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | Total |
|-------|-------|
| | |
| | |
| | |

TABLE 2R
(cont'd)

AGE/LENGTH KEY - COD - 1D - 1965 (2nd QUARTER)

| GEAR | | Long-Line (Research) | | | | | | | | | | | | | | Total No. of Ages Read | | LENGTH COMPOSITION PER MILLE | | |
|--------------------------------------|-----|--|---|---|----|---|----|----|----|----|----|----|----|----|----|------------------------|-----------------------|------------------------------|-----|--|
| CATCHES OR LANDINGS | | NK | | | | | | | | | | | | | | | | Months Within Quarter | | |
| COUNTRY | | Denmark (Greenland) | | | | | | | | | | | | | | | | | | |
| TONNAGE | | Less than 50 | | | | | | | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Otoliths | | | | | | | | | | | | | | | | | | |
| Length Group (3 cm) | Age | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | Total No. of Ages Read | Months Within Quarter | | | |
| | | | | | | | | | | | | | | | | | Apr | May | Jun | |
| 54 | | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | | | | |
| 57 | | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | | | | |
| 60 | | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | | | | |
| 63 | | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | | | | |
| 66 | | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | | | | |
| 69 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| 72 | | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | 1 | | | | |
| 76 | | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - | 2 | | | | |
| 78 | | - | 1 | - | 7 | - | 3 | - | - | - | - | - | - | - | - | 11 | | | | |
| 81 | | - | - | - | 5 | - | 1 | - | - | - | - | - | - | - | - | 6 | | | | |
| 84 | | - | - | - | 4 | - | 2 | - | - | - | - | - | - | - | - | 6 | | | | |
| 87 | | - | - | - | 5 | 1 | - | 1 | - | - | - | - | - | - | - | 7 | | | | |
| 90 | | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | 1 | | | | |
| 93 | | - | - | - | 1 | - | - | 1 | - | - | - | - | - | - | - | 2 | | | | |
| 96 | | - | - | - | 1 | - | - | 1 | - | - | 1 | - | - | - | - | 3 | | | | |
| 99 | | - | - | - | - | - | - | - | - | 7 | - | - | - | - | - | - | | | | |
| 102 | | - | - | - | - | - | - | 1 | - | - | - | - | - | 1 | - | 2 | | | | |
| Total No. of Ages Read | | 5 | 3 | - | 26 | 1 | 7 | 1 | 3 | - | - | 1 | - | - | 1 | 48 | X | | | |
| Serial Numbers | | No. of Age Samples | | | | | | | | | | | | | | | | | | |
| X | | Number of fish measured each month | | | | | | | | | | | | | | 48 | | | | |
| | | Mean length of fish (cm) each month | | | | | | | | | | | | | | 81.6 | | | | |
| | | Mean weight of fish (kg) each month | | | | | | | | | | | | | | 4.3 | | | | |
| | | Total weight caught or landed (tons) each month | | | | | | | | | | | | | | | | | | |
| | | Estimated number caught or landed (whole numbers) each month | | | | | | | | | | | | | | | | | | |
| | | Range of depths (m) each month | | | | | | | | | | | | | | 620 | | | | |
| Mesh size (mm) | | | | | | | | | | | | | | | | | | | | |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | Total |
|-------|-------|
| | |
| | |
| | |

TABLE 28
(cont'd)

AGE/LENGTH KEY - COD - 1D - 1965 (2nd QUARTER)

| GEAR | | Bottom Long-line (Research) | | | | | | | | | | | | Total No. of Ages Read | LENGTH COMPOSITION PER MILLE | | |
|--------------------------------------|-----|--|-----|-----|----|----|----|----|----|----|----|----|-----|---------------------------------|---------------------------------|-----|-----|
| CATCHES OR LANDINGS | | NK | | | | | | | | | | | | | Months Within Quarter | | |
| COUNTRY | | Norway | | | | | | | | | | | | | | | |
| TONNAGE | | NK | | | | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Otoliths | | | | | | | | | | | | | | | |
| Length Group (3 cm) | Age | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | Total No. of Ages Read | | | |
| | | | | | | | | | | | | | | | Apr | May | Jun |
| 33 | | - | 1 | - | - | - | - | - | - | - | - | - | 1 | | | | |
| 36 | | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| 39 | | 1 | - | - | - | - | - | - | - | - | - | - | 1 | | | | |
| 42 | | 3 | 1 | - | - | - | - | - | - | - | - | - | 4 | | | | |
| 45 | | 2 | 1 | - | - | - | - | - | - | - | - | - | 3 | | | | |
| 48 | | 10 | 3 | - | - | - | - | - | - | - | - | - | 13 | | | | |
| 51 | | 6 | 15 | - | - | - | - | - | - | - | - | - | 21 | | | | |
| 54 | | 8 | 40 | 2 | - | - | - | - | - | - | - | - | 50 | | | | |
| 57 | | 1 | 118 | 5 | - | - | - | - | - | - | - | - | 124 | | | | |
| 60 | | - | 106 | 18 | 2 | - | - | - | - | - | - | - | 126 | | | | |
| 63 | | - | 66 | 38 | 4 | 1 | - | - | - | - | - | - | 109 | | | | |
| 66 | | - | 25 | 40 | 12 | 3 | - | - | - | - | - | - | 80 | | | | |
| 69 | | - | 7 | 24 | 13 | 2 | - | - | - | - | - | - | 46 | | | | |
| 72 | | - | - | 16 | 20 | 11 | 1 | - | - | - | - | - | 48 | | | | |
| 75 | | - | - | 3 | 13 | 13 | - | - | 1 | - | - | - | 30 | | | | |
| 78 | | - | - | - | 12 | 12 | 4 | - | 1 | 1 | - | - | 30 | | | | |
| 81 | | - | - | - | 4 | 14 | 3 | - | - | 1 | 1 | - | 23 | | | | |
| 84 | | - | - | - | - | 3 | 3 | 2 | - | - | - | 1 | 9 | | | | |
| 87 | | - | - | - | - | 4 | - | - | 3 | 5 | 1 | - | 13 | | | | |
| 90 | | - | - | - | - | 3 | 2 | 2 | 1 | 1 | - | 1 | 10 | | | | |
| 93 | | - | - | - | - | - | - | - | - | 3 | - | - | 3 | | | | |
| 96 | | - | - | - | - | - | - | - | - | 3 | - | - | 3 | | | | |
| 99 | | - | - | - | - | - | 1 | - | - | - | 1 | 1 | 3 | | | | |
| Total No. of Ages Read | | 31 | 383 | 146 | 80 | 66 | 14 | 4 | 6 | 14 | 2 | 2 | 2 | 750 | X | | |
| Serial Numbers | | No. of Age Samples | | | | | | | | | | | | | | | |
| X | | Number of fish measured each month | | | | | | | | | | | | 667 | 83 | | |
| | | Mean length of fish (cm) each month | | | | | | | | | | | | 65.06 | 67.87 | | |
| | | Mean weight of fish (kg) each month | | | | | | | | | | | | | | | |
| | | Total weight caught or landed (tons) each month | | | | | | | | | | | | | | | |
| | | Estimated number caught or landed (whole numbers) each month | | | | | | | | | | | | | | | |
| | | Range of depths (m) each month | | | | | | | | | | | | | | | |
| | | Mesh size (mm) | | | | | | | | | | | | | | | |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | Total |
|-------|-------|
| | |
| | |
| | |

TABLE 28
(cont'd)

AGE/LENGTH KEY - COD - 1D - 1965 (2nd QUARTER)

| GEAR | | Hand-Line (Research) | | | | | | | | | | | |
|--------------------------------------|-----|--|-----|----|---|---|----|---|----|------------------------|------------------------------|-----|------|
| CATCHES OR LANDINGS | | NK | | | | | | | | | | | |
| COUNTRY | | Denmark (Greenland) | | | | | | | | | | | |
| TONNAGE | | Less than 50 | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Otoliths | | | | | | | | | | | |
| Length Group (3 cm) | Age | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | Total No. of Ages Read | LENGTH COMPOSITION PER MILLE | | |
| | | | | | | | | | | | Months Within Quarter | Apr | May |
| 36 | | 2 | - | - | - | - | - | - | - | 2 | | | |
| 39 | | - | 8 | - | - | - | - | - | - | 8 | | | |
| 42 | | - | 22 | - | - | - | - | - | - | 22 | | | |
| 45 | | - | 25 | 2 | - | - | - | - | - | 27 | | | |
| 48 | | - | 21 | 3 | - | - | - | - | - | 24 | | | |
| 51 | | - | 16 | 8 | - | - | - | - | - | 24 | | | |
| 54 | | - | 9 | 10 | - | - | - | - | - | 19 | | | |
| 57 | | - | 1 | 17 | - | - | - | - | - | 18 | | | |
| 60 | | - | - | 16 | - | - | - | - | - | 16 | | | |
| 63 | | - | - | 15 | 1 | - | - | - | - | 16 | | | |
| 66 | | - | - | 6 | 3 | 1 | - | - | - | 10 | | | |
| 69 | | - | - | 1 | 1 | 1 | - | - | - | 3 | | | |
| 72 | | - | - | - | - | - | 1 | - | - | 1 | | | |
| 75 | | - | - | - | - | 1 | 4 | - | - | 5 | | | |
| 78 | | - | - | - | - | - | 4 | - | - | 4 | | | |
| 81 | | - | - | - | - | - | - | 1 | 1 | 2 | | | |
| 84 | | - | - | - | - | - | 2 | 2 | - | 4 | | | |
| 87 | | - | - | - | - | - | 1 | - | - | 1 | | | |
| Total No. of Ages Read | | 2 | 102 | 78 | 5 | 3 | 12 | 3 | 1 | 206 | X | | |
| Serial Numbers | | No. of Age Samples | | | | | | | | | | | |
| X | | Number of fish measured each month | | | | | | | | | | | 206 |
| | | Mean length of fish (cm) each month | | | | | | | | | | | 54.9 |
| | | Mean weight of fish (kg) each month | | | | | | | | | | | 1.6 |
| | | Total weight caught or landed (tons) each month | | | | | | | | | | | |
| | | Estimated number caught or landed (whole numbers) each month | | | | | | | | | | | |
| | | Range of depths (m) each month | | | | | | | | | | | |
| Mesh size (mm) | | | | | | | | | | | | | |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | Total |
|-------|-------|
| | |
| | |
| | |

TABLE 28
(cont'd)

AGE/LENGTH KEY - COD - 1D - 1965 (3rd QUARTER)

| GEAR | | Long-Line (Research) | | | | | | | | | | | | | Total No. of Ages Read | | LENGTH COMPOSITION PER MILLE | | |
|--------------------------------------|-----|--|-----|----|---|----|---|----|----|----|----|----|----|----|------------------------|------------------------|------------------------------|-----|-----|
| CATCHES OR LANDINGS | | NK | | | | | | | | | | | | | | | | | |
| COUNTRY | | Denmark (Greenland) | | | | | | | | | | | | | | | | | |
| TONNAGE | | Less than 50 | | | | | | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Otoliths | | | | | | | | | | | | | | | | | |
| Length Group (3 cm) | Age | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 20 | 24 | Total No. of Ages Read | Months Within Quarter | | |
| | | | | | | | | | | | | | | | | | Jul | Aug | Sep |
| 42 | | 2 | - | - | - | - | - | - | - | - | - | - | - | - | 2 | | | | |
| 45 | | 7 | - | - | - | - | - | - | - | - | - | - | - | - | 7 | | | | |
| 48 | | 9 | 3 | - | - | - | - | - | - | - | - | - | - | - | 12 | | | | |
| 51 | | 4 | 4 | - | - | - | - | - | - | - | - | - | - | - | 8 | | | | |
| 54 | | 5 | 18 | - | - | - | - | - | - | - | - | - | - | - | 23 | | | | |
| 57 | | 3 | 21 | 1 | - | - | - | - | - | - | - | - | - | - | 25 | | | | |
| 60 | | 1 | 27 | - | - | - | - | - | - | - | - | - | - | - | 28 | | | | |
| 63 | | - | 22 | - | - | - | - | - | - | - | - | - | - | - | 22 | | | | |
| 66 | | - | 5 | 1 | 2 | 1 | 1 | - | - | - | - | - | - | - | 10 | | | | |
| 69 | | - | 2 | 3 | 3 | 1 | - | - | 1 | - | - | - | - | - | 10 | | | | |
| 72 | | - | 1 | 1 | 2 | 4 | - | - | - | - | - | - | - | - | 8 | | | | |
| 75 | | - | - | 3 | - | 5 | - | - | - | - | - | - | - | - | 8 | | | | |
| 78 | | - | - | 1 | - | 4 | 1 | 1 | - | 1 | - | - | - | - | 8 | | | | |
| 81 | | - | - | - | 1 | 2 | 1 | 1 | 1 | - | - | - | - | - | 6 | | | | |
| 84 | | - | - | - | - | 3 | - | - | - | - | - | - | - | - | 3 | | | | |
| 87 | | - | - | - | - | 2 | - | - | - | - | - | - | 1 | - | 3 | | | | |
| 90 | | - | - | - | - | 1 | 1 | 1 | 2 | 1 | - | 1 | - | - | 7 | | | | |
| 93 | | - | - | - | - | 1 | 1 | - | - | 1 | - | - | - | - | 3 | | | | |
| 96 | | - | - | - | - | - | - | 1 | 1 | 1 | - | 1 | - | - | 4 | | | | |
| 99 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| 102 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| 105 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| 108 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| 111 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| 114 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| 117 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| 120 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| 123 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| 126 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| 129 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| 132 | | - | - | - | - | - | - | - | - | - | - | - | 1 | - | 1 | | | | |
| 135 | | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | | | | |
| Total No. of Ages Read | | 31 | 103 | 10 | 8 | 24 | 5 | 4 | 5 | 3 | 1 | 2 | 1 | 1 | 1 | 199 | X | | |
| Serial Numbers | | No. of Age Samples | | | | | | | | | | | | | | | | | |
| X | | Number of fish measured each month | | | | | | | | | | | | | 199 | | | | |
| | | Mean length of fish (cm) each month | | | | | | | | | | | | | 65.4 | | | | |
| | | Mean weight of fish (kg) each month | | | | | | | | | | | | | | | | | |
| | | Total weight caught or landed (tons) each month | | | | | | | | | | | | | | | | | |
| | | Estimated number caught or landed (whole numbers) each month | | | | | | | | | | | | | | | | | |
| | | Range of depths (m) each month | | | | | | | | | | | | | | | | | |
| Mesh size (mm) | | | | | | | | | | | | | | | | | | | |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | Total |
|-------|-------|
| | |
| | |
| | |

TABLE 28
(cont'd)

AGE/LENGTH KEY - COD - 1D - 1965 (3rd QUARTER)

| GEAR | | Hand-Line (Research) | | | | | | | | | | | |
|--------------------------------------|-----|--|----|----|---|---|---|---|------------------------|------------------------------|-----|-----|------|
| CATCHES OR LANDINGS | | NK | | | | | | | | | | | |
| COUNTRY | | Denmark (Greenland) | | | | | | | | | | | |
| TONNAGE | | Less than 50 | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Otoliths | | | | | | | | | | | |
| Length Group (3 cm) | Age | 3 | 4 | 5 | 6 | 7 | 8 | 9 | Total No. of Ages Read | LENGTH COMPOSITION PER MILLE | | | |
| | | | | | | | | | | Months Within Quarter | | | |
| | | | | | | | | | | Jul | Aug | Sep | |
| 39 | | 2 | 3 | - | - | - | - | - | 5 | | | | |
| 42 | | - | 4 | 1 | - | - | - | - | 5 | | | | |
| 45 | | - | 22 | - | - | - | - | - | 22 | | | | |
| 48 | | - | 29 | 3 | - | - | - | - | 32 | | | | |
| 51 | | - | 17 | 4 | - | - | - | - | 21 | | | | |
| 54 | | - | 11 | 10 | - | - | - | - | 21 | | | | |
| 57 | | - | 8 | 20 | - | - | - | - | 28 | | | | |
| 60 | | - | 2 | 22 | 1 | - | - | - | 25 | | | | |
| 63 | | - | - | 17 | - | - | - | - | 17 | | | | |
| 66 | | - | - | 12 | - | - | - | - | 12 | | | | |
| 69 | | - | - | 2 | - | 1 | - | - | 3 | | | | |
| 72 | | - | - | - | 2 | - | - | 1 | 3 | | | | |
| 75 | | - | - | - | 2 | - | - | - | 2 | | | | |
| 78 | | - | - | - | - | 2 | - | - | 2 | | | | |
| 81 | | - | - | - | - | - | - | - | - | | | | |
| 84 | | - | - | - | - | - | 2 | - | 2 | | | | |
| Total No. of Ages Read | | 2 | 96 | 91 | 5 | 3 | 2 | 1 | 200 | X | | | |
| Serial Numbers | | No. of Age Samples | | | | | | | | | | | |
| X | | Number of fish measured each month | | | | | | | | | | | 200 |
| | | Mean length of fish (cm) each month | | | | | | | | | | | 55.9 |
| | | Mean weight of fish (kg) each month | | | | | | | | | | | |
| | | Total weight caught or landed (tons) each month | | | | | | | | | | | |
| | | Estimated number caught or landed (whole numbers) each month | | | | | | | | | | | |
| | | Range of depths (m) each month | | | | | | | | | | | |
| Mesh size (mm) | | | | | | | | | | | | | |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | Total |
|-------|-------|
| | |
| | |
| | |

TABLE 28
(cont'd)

AGE/LENGTH KEY - COD - 1D - 1965 (3rd and 4th QUARTERS)

| GEAR | | Gill Net (Research) | | | | | | | | | | | | | | | | |
|--------------------------------------|-----|---|-----|----|----|----|----|----|----|----|----|----|-----|-----|------------------------|-----------------------------|--|--|
| CATCHES OR LANDINGS | | NK | | | | | | | | | | | | | | | | |
| COUNTRY | | Denmark (Greenland) | | | | | | | | | | | | | | | | |
| TONNAGE | | Less than 50 | | | | | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Otoliths | | | | | | | | | | | | | | | | |
| Length Group (3 cm) | Age | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 17 | Total No. of Ages Read | LENGTH COMPOSITION PER MILE | | |
| | | | | | | | | | | | | | | | | Months Within Quarter | | |
| | | | | | | | | | | | | | Sep | Oct | Nov | | | |
| 33 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | | | | |
| 36 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | 2 | | | | |
| 39 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| 42 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| 45 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | | | | |
| 48 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | 3 | | | | |
| 51 | 12 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | 14 | | | | |
| 54 | 4 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | 6 | | | | |
| 57 | 2 | 15 | - | - | - | - | - | - | - | - | - | - | - | 17 | | | | |
| 60 | 1 | 18 | - | 1 | 1 | - | - | - | - | - | - | - | - | 21 | | | | |
| 63 | - | 24 | - | - | - | - | - | - | - | - | - | - | - | 24 | | | | |
| 66 | - | 21 | 2 | 1 | 2 | - | - | - | - | - | - | - | - | 26 | | | | |
| 69 | - | 12 | 1 | 1 | 1 | - | - | - | - | - | - | - | - | 15 | | | | |
| 72 | - | 7 | 1 | - | 4 | - | - | - | - | - | - | - | - | 12 | | | | |
| 75 | - | - | 3 | 2 | 3 | - | - | - | - | - | - | - | - | 8 | | | | |
| 78 | - | - | 3 | 5 | 5 | - | - | - | 1 | - | - | - | - | 14 | | | | |
| 81 | - | - | 1 | 6 | 9 | 2 | - | 1 | 2 | - | - | - | - | 21 | | | | |
| 84 | - | - | - | 1 | 11 | 2 | 3 | - | - | 1 | - | 1 | - | 19 | | | | |
| 87 | - | - | - | 3 | 2 | 1 | - | 1 | 1 | - | - | 1 | - | 9 | | | | |
| 90 | - | - | - | 3 | 6 | 1 | - | - | 1 | 1 | - | - | 1 | 13 | | | | |
| 93 | - | - | - | 1 | 2 | - | - | - | - | - | 1 | - | - | 4 | | | | |
| 96 | - | - | - | - | 2 | 2 | - | - | 1 | - | - | - | - | 5 | | | | |
| 99 | - | - | - | - | 1 | 1 | - | - | - | - | - | - | - | 2 | | | | |
| 102 | - | - | - | - | 1 | - | - | - | - | - | - | - | - | 1 | | | | |
| 105 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | 2 | | | | |
| 108 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| 111 | - | - | - | - | - | - | - | - | - | - | - | 1 | - | 1 | | | | |
| Total No. of Ages Read | | 25 | 100 | 13 | 24 | 50 | 10 | 3 | 2 | 6 | 2 | 1 | 3 | 2 | 241 | X | | |
| Serial Numbers | | No. of Age Samples | | | | | | | | | | | | | | | | |
| X | | Number of fish measured each month | | | | | | | | | | | | | 241 | | | |
| | | Mean length of fish (cm) each month | | | | | | | | | | | | | 72.0 | | | |
| | | Mean weight of fish (kg) each month | | | | | | | | | | | | | | | | |
| | | Total weight caught or landed (tons) each month | | | | | | | | | | | | | | | | |
| | | Estimated number caught or landed (whole numbers) each month | | | | | | | | | | | | | | | | |
| | | Range of depths (m) each month | | | | | | | | | | | | | | | | |
| Mesh size (mm) | | | | | | | | | | | | | | | | | | |

AGE COMPOSITIONS OF LANDINGS (PER MILE)

| Month | Total |
|-------|-------|
| | |
| | |
| | |

| GEAR | | Bottom Long Line (Research) | | | | | | | | | | | | | | |
|--------------------------------------|--|-----------------------------|----|----|----|----|----|---|----|----|----|------------------------|------------------------------|-----|-----|-----|
| CATCHES OR LANDINGS | | Catches | | | | | | | | | | | | | | |
| COUNTRY | | Norway | | | | | | | | | | | | | | |
| TONNAGE | | NK | | | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Otoliths | | | | | | | | | | | | | | |
| Length Group (3 cm) | Age | | | | | | | | | | | Total No. of Ages Read | LENGTH COMPOSITION PER MILLE | | | |
| | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | | Months Within Quarter | Apr | May | Jun |
| 42 | | 1 | 2 | - | - | - | - | - | - | - | - | 3 | | | | |
| 45 | | - | 6 | - | - | - | - | - | - | - | - | 6 | | | | |
| 48 | | - | 19 | 1 | - | - | - | - | - | - | - | 20 | | | | |
| 51 | | - | 7 | 6 | - | - | - | - | - | - | - | 13 | | | | |
| 54 | | - | 1 | 4 | - | - | - | - | - | - | - | 5 | | | | |
| 57 | | - | 1 | 6 | - | - | - | - | - | - | - | 7 | | | | |
| 60 | | - | 1 | 9 | 3 | 2 | - | - | - | - | - | 15 | | | | |
| 63 | | - | - | 2 | 10 | 1 | - | - | - | - | - | 13 | | | | |
| 66 | | - | - | 2 | 3 | 7 | - | - | - | - | - | 12 | | | | |
| 69 | | - | - | - | 1 | 11 | 3 | - | - | - | - | 15 | | | | |
| 72 | | - | - | - | 1 | 13 | - | - | - | - | - | 14 | | | | |
| 75 | | - | - | - | - | 7 | 1 | - | - | - | - | 8 | | | | |
| 78 | | - | - | - | - | 2 | 2 | - | - | - | - | 4 | | | | |
| 81 | | - | - | - | 1 | 2 | 1 | 1 | - | - | - | 5 | | | | |
| 84 | | - | - | - | - | - | 3 | 1 | - | - | - | 4 | | | | |
| 87 | | - | - | - | - | - | - | 2 | - | - | - | 2 | | | | |
| 90 | | - | - | - | - | - | - | 1 | 1 | 1 | 1 | 4 | | | | |
| 93 | | - | - | - | - | - | - | - | - | 1 | 1 | 2 | | | | |
| 96 | | - | - | - | - | - | - | - | 1 | - | - | 1 | | | | |
| Total No. of Ages Read | | 1 | 37 | 30 | 19 | 45 | 10 | 5 | 2 | 2 | 2 | 153 | X | | | |
| Serial Numbers | | No. of Age Samples 2 | | | | | | | | | | | | | | |
| X | Number of fish measured each month | | | | | | | | | | | | 153 | | | |
| | Mean length of fish (cm) each month | | | | | | | | | | | | 64.52 | | | |
| | Mean weight of fish (kg) each month | | | | | | | | | | | | | | | |
| | Total weight caught or landed (tons) each month | | | | | | | | | | | | | | | |
| | Estimated number caught or landed (whole numbers) each month | | | | | | | | | | | | | | | |
| | Range of depths (m) each month | | | | | | | | | | | | | | | |
| Mesh size (mm) | | | | | | | | | | | | | | | | |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | Total |
|-------|-------|
| | |
| | |
| | |

TABLE 29
(cont'd)

AGE/LENGTH KEY - COD - 1F - 1965 (3rd QUARTER)

| GEAR | | Greenlanders' (Commercial) | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|--|----------------------------|----|----|-----|----|----|----|----|----|----|----|----|----|----|----|------------------------|------------------------------|-----|-----|-----|
| CATCHES OR LANDINGS | | NK | | | | | | | | | | | | | | | | | | | |
| COUNTRY | | Denmark (Greenland) | | | | | | | | | | | | | | | | | | | |
| TONNAGE | | 0-50 | | | | | | | | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Otoliths | | | | | | | | | | | | | | | | | | | |
| Length Group (3 cm) | Age | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | Total No. of Ages Read | LENGTH COMPOSITION PER MILLE | | | |
| | | | | | | | | | | | | | | | | | | Months Within Quarter | Jul | Aug | Sep |
| 45 | 9 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 10 | | | | |
| 48 | 15 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 16 | | | | |
| 51 | 10 | 3 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | 15 | | | | |
| 54 | 8 | 8 | 2 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | - | 22 | | | | |
| 57 | 2 | 4 | 5 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | 16 | | | | |
| 60 | - | 2 | 2 | 13 | 2 | - | - | - | - | - | - | - | - | - | - | - | 19 | | | | |
| 63 | - | - | 6 | 27 | 9 | - | - | - | - | - | - | - | - | - | - | - | 42 | | | | |
| 66 | - | - | 2 | 19 | 5 | 1 | - | - | - | - | - | - | - | - | - | - | 27 | | | | |
| 69 | - | - | 4 | 15 | 9 | 1 | - | - | - | - | - | - | - | - | - | - | 29 | | | | |
| 72 | - | - | - | 19 | 13 | 7 | - | - | 1 | - | 1 | - | - | - | - | - | 41 | | | | |
| 75 | - | - | - | 17 | 10 | 9 | - | - | - | - | - | - | - | - | - | - | 36 | | | | |
| 78 | - | - | - | 5 | 7 | 11 | - | - | - | - | - | 1 | - | - | - | - | 24 | | | | |
| 81 | - | - | - | 1 | 4 | 9 | - | - | - | - | - | 1 | - | - | 1 | - | 16 | | | | |
| 84 | - | - | - | - | 3 | 2 | - | - | - | - | - | - | - | - | - | - | 5 | | | | |
| 87 | - | - | - | - | 2 | 5 | 1 | - | 1 | - | - | 2 | - | - | - | - | 11 | | | | |
| 90 | - | - | - | - | - | 3 | 1 | - | - | - | - | - | - | - | - | 1 | 5 | | | | |
| 93 | - | - | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - | 2 | | | | |
| 96 | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | 1 | | | | |
| Total No. of Ages Read | | 44 | 18 | 24 | 124 | 65 | 51 | 2 | - | 2 | - | 1 | 4 | - | - | 2 | 337 | X | | | |
| Serial Numbers | No. of Age Samples | | | | | | | | | | | | | | | | | | | | |
| X | Number of fish measured each month | | | | | | | | | | | | | | | | | 337 | | | |
| | Mean length of fish (cm) each month | | | | | | | | | | | | | | | | | 68.0 | | | |
| | Mean weight of fish (kg) each month | | | | | | | | | | | | | | | | | | | | |
| | Total weight caught or landed (tons) each month | | | | | | | | | | | | | | | | | | | | |
| | Estimated number caught or landed (whole numbers) each month | | | | | | | | | | | | | | | | | | | | |
| | Range of depths (m) each month | | | | | | | | | | | | | | | | | | | | |
| Mesh size (mm) | | | | | | | | | | | | | | | | | | | | | |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | Total |
|-------|-------|
| | |
| | |
| | |

TABLE 30

AGE/LENGTH TABLE - COD - 1B - 1965 (2nd QUARTER)

| GEAR | | Otter Trawl (Research) | | | | | | | | | | | | | |
|--------------------------------------|-----|--|-----|-----|----|----|----|---|----|----|----|------------------------|------------------------------|-----|-------|
| CATCHES OR LANDINGS | | Catches | | | | | | | | | | | | | |
| COUNTRY | | Denmark (Greenland) | | | | | | | | | | | | | |
| TONNAGE | | 900-1800 | | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | NK | | | | | | | | | | | | | |
| Length Group (3 cm) | Age | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Total No. of Ages Read | LENGTH COMPOSITION PER MILLE | | |
| | | | | | | | | | | | | | Months Within Quarter | | |
| | | | | | | | | | | | | | Apr | May | Jun |
| 42 | | 1 | - | - | - | - | - | - | - | - | - | 1 | - | - | 0.4 |
| 45 | | - | 10 | 2 | - | - | - | - | - | - | - | 12 | - | - | 19 |
| 48 | | - | 28 | 20 | - | - | - | - | - | - | - | 48 | - | - | 73 |
| 51 | | - | 41 | 78 | 2 | - | - | - | - | - | - | 121 | - | - | 170 |
| 54 | | - | 21 | 119 | - | - | - | - | - | - | - | 140 | - | - | 174 |
| 57 | | - | 5 | 127 | 3 | - | - | - | - | - | - | 135 | - | - | 180 |
| 60 | | - | 1 | 108 | 6 | - | 1 | - | - | - | - | 116 | - | - | 145 |
| 63 | | - | - | 59 | 6 | - | - | - | - | - | - | 65 | - | - | 78 |
| 66 | | - | - | 25 | 12 | 2 | - | - | - | - | - | 39 | - | - | 51 |
| 69 | | - | - | 8 | 12 | 4 | 4 | - | - | - | - | 28 | - | - | 32 |
| 72 | | - | - | - | 3 | 2 | 4 | - | - | - | - | 9 | - | - | 17 |
| 75 | | - | - | - | 3 | 2 | 7 | - | - | - | - | 12 | - | - | 20 |
| 78 | | - | - | - | - | 3 | 4 | 1 | - | - | - | 8 | - | - | 14 |
| 81 | | - | - | - | - | - | 7 | 1 | - | - | - | 8 | - | - | 13 |
| 84 | | - | - | - | - | - | 2 | - | - | - | - | 2 | - | - | 4 |
| 87 | | - | - | - | - | - | 2 | - | - | - | - | 2 | - | - | 6 |
| 90 | | - | - | - | - | - | 1 | - | - | - | - | 1 | - | - | 2 |
| 93 | | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - | 2 |
| 96 | | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.4 |
| 99 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 102 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 105 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 108 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 111 | | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.4 |
| Total No. of Ages Read | | 1 | 106 | 546 | 47 | 13 | 32 | 2 | - | - | 1 | 748 | 1001.2 | | |
| Serial Numbers | | No. of Age Samples | | | | | | | | | | | | | |
| X | | Number of fish measured each month | | | | | | | | | | | - | - | 2048 |
| | | Mean length of fish (cm) each month | | | | | | | | | | | - | - | 63.1 |
| | | Mean weight of fish (kg) each month | | | | | | | | | | | - | - | - |
| | | Total weight caught or landed (tons) each month | | | | | | | | | | | - | - | - |
| | | Estimated number caught or landed (whole numbers) each month | | | | | | | | | | | - | - | - |
| | | Range of depths (m) each month | | | | | | | | | | | - | - | 60-79 |
| | | Mesh size (mm) | | | | | | | | | | | - | - | - |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Total |
|-------|---|-----|-----|----|----|----|---|----|----|----|-------|
| Apr | - | - | - | - | - | - | - | - | - | - | - |
| May | - | - | - | - | - | - | - | - | - | - | - |
| Jun | 0 | 150 | 708 | 62 | 20 | 36 | 3 | - | - | 3 | 981 |

TABLE 30
(cont'd)

AGE/LENGTH TABLE - COD - 1B - 1965 (3rd QUARTER)

| GEAR | | Otter Trawl (Research) | | | | | | | | | | | | | | | | |
|--------------------------------------|-----|--|----|---|---|---|--------------------|------------------------|------------------------------|-------|-----|-----|---|---|-----|---|------|---|
| CATCHES OR LANDINGS | | Catches | | | | | | | | | | | | | | | | |
| COUNTRY | | Germany, Federal Republic | | | | | | | | | | | | | | | | |
| TONNAGE | | 750 | | | | | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Otoliths | | | | | | | | | | | | | | | | |
| Length Group (3 cm) | Age | 3 | 4 | 5 | 6 | 7 | 8 | Total No. of Ages Read | LENGTH COMPOSITION PER MILLE | | | | | | | | | |
| | | | | | | | | | Months Within Quarter | Jul | Aug | Sep | | | | | | |
| 30 | - | - | - | - | - | - | - | - | - | 4 | - | | | | | | | |
| 33 | 1 | - | - | - | - | - | - | 1 | - | 2 | - | | | | | | | |
| 36 | 9 | 1 | - | - | - | - | - | 10 | - | 17 | - | | | | | | | |
| 39 | 8 | 5 | - | - | - | - | - | 13 | - | 33 | - | | | | | | | |
| 42 | 4 | 21 | 2 | - | - | - | - | 27 | - | 73 | - | | | | | | | |
| 45 | - | 37 | 2 | - | - | - | - | 39 | - | 122 | - | | | | | | | |
| 48 | - | 57 | 7 | 1 | - | - | - | 65 | - | 164 | - | | | | | | | |
| 51 | - | 42 | 20 | - | - | - | - | 62 | - | 160 | - | | | | | | | |
| 54 | - | 15 | 20 | - | - | - | - | 35 | - | 144 | - | | | | | | | |
| 57 | - | 5 | 32 | 1 | - | - | - | 38 | - | 117 | - | | | | | | | |
| 60 | - | - | 30 | - | - | - | - | 30 | - | 71 | - | | | | | | | |
| 63 | - | - | 23 | 1 | - | - | - | 24 | - | 50 | - | | | | | | | |
| 66 | - | - | 6 | 2 | 1 | - | - | 9 | - | 20 | - | | | | | | | |
| 69 | - | - | - | 3 | 1 | - | - | 4 | - | 12 | - | | | | | | | |
| 72 | - | - | 1 | 1 | - | 1 | - | 3 | - | 4 | - | | | | | | | |
| 75 | - | - | - | - | - | - | - | - | - | - | - | | | | | | | |
| 78 | - | - | - | - | - | 1 | - | 1 | - | 2 | - | | | | | | | |
| 81 | - | - | - | - | - | - | - | - | - | 2 | - | | | | | | | |
| 84 | - | - | - | - | - | - | 2 | 2 | - | 1 | - | | | | | | | |
| 87 | - | - | - | - | - | - | - | - | - | 1 | - | | | | | | | |
| 90 | - | - | - | - | - | - | - | - | - | 1 | - | | | | | | | |
| Total No. of Ages Read | | | | | | | | | 22 | 183 | 143 | 9 | 3 | 3 | 363 | - | 1000 | - |
| Serial Numbers | | 88, 89, 92, 101, 103 | | | | | No. of Age Samples | | | | | 3 | | | | | | |
| X | | Number of fish measured each month | | | | | | | - | 1227 | - | | | | | | | |
| | | Mean length of fish (cm) each month | | | | | | | - | 53.0 | - | | | | | | | |
| | | Mean weight of fish (kg) each month | | | | | | | - | - | - | | | | | | | |
| | | Total weight caught or landed (tons) each month | | | | | | | - | 8.1 | - | | | | | | | |
| | | Estimated number caught or landed (whole numbers) each month | | | | | | | - | 7951 | - | | | | | | | |
| | | Range of depths (m) each month | | | | | | | - | 45-80 | - | | | | | | | |
| Mesh size (mm) | | | | | | | | | - | 110 | - | | | | | | | |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | 3 | 4 | 5 | 6 | 7 | 8 | Total |
|-------|----|-----|-----|----|---|---|-------|
| Jul | - | - | - | - | - | - | - |
| Aug | 50 | 519 | 397 | 21 | 9 | 4 | 1000 |
| Sep | - | - | - | - | - | - | - |

TABLE 31
(cont'd)

AGE/LENGTH TABLE - COD - 1C - 1965 (2nd QUARTER)

| GEAR | | Otter Trawl (Research) | | | | | | | | | |
|--------------------------------------|-----|--|-----|----|---|----|---|------------------------|------------------------------|-----|-------|
| CATCHES OR LANDINGS | | Catches | | | | | | | | | |
| COUNTRY | | Denmark (Greenland) | | | | | | | | | |
| TONNAGE | | 900-1800 | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Otoliths | | | | | | | | | |
| Length Group (3 cm) | Age | 4 | 5 | 6 | 7 | 8 | 9 | Total No. of Ages Read | LENGTH COMPOSITION PER MILLE | | |
| | | | | | | | | | Months Within Quarter | Apr | May |
| 45 | | 10 | 2 | - | - | - | - | 12 | - | - | 1 |
| 48 | | 50 | 7 | - | - | - | - | 57 | - | - | 25 |
| 51 | | 46 | 33 | - | - | - | - | 79 | - | - | 115 |
| 54 | | 31 | 40 | - | - | - | - | 71 | - | - | 154 |
| 57 | | 5 | 79 | - | - | - | - | 84 | - | - | 155 |
| 60 | | 2 | 51 | 2 | - | - | - | 55 | - | - | 182 |
| 63 | | - | 36 | 3 | - | - | - | 39 | - | - | 123 |
| 66 | | - | 14 | 4 | - | - | - | 18 | - | - | 73 |
| 69 | | - | 5 | 6 | - | 1 | - | 12 | - | - | 50 |
| 72 | | - | - | 3 | 1 | 1 | - | 5 | - | - | 21 |
| 75 | | - | 1 | - | 1 | - | - | 2 | - | - | 18 |
| 78 | | - | - | - | 2 | 3 | 1 | 6 | - | - | 21 |
| 81 | | - | - | - | 1 | 3 | - | 4 | - | - | 15 |
| 84 | | - | - | - | - | 3 | 1 | 4 | - | - | 16 |
| 87 | | - | - | - | 2 | 1 | - | 3 | - | - | 16 |
| 90 | | - | - | - | - | 1 | - | 1 | - | - | 8 |
| 93 | | - | - | - | - | - | - | - | - | - | 4 |
| 96 | | - | - | - | - | - | - | - | - | - | 1 |
| 99 | | - | - | - | - | - | - | - | - | - | - |
| 102 | | - | - | - | - | - | - | - | - | - | 1 |
| Total No. of Ages Read | | 144 | 268 | 18 | 7 | 13 | 2 | 452 | 999 | | |
| Serial Numbers | | No. of Age Samples | | | | | | | | | |
| X | | Number of fish measured each month | | | | | | | - | - | 852 |
| | | Mean length of fish (cm) each month | | | | | | | - | - | 59.2 |
| | | Mean weight of fish (kg) each month | | | | | | | - | - | - |
| | | Total weight caught or landed (tons) each month | | | | | | | - | - | - |
| | | Estimated number caught or landed (whole numbers) each month | | | | | | | - | - | - |
| | | Range of depths (m) each month | | | | | | | - | - | 57-71 |
| | | Mesh size (mm) | | | | | | | - | - | - |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | 4 | 5 | 6 | 7 | 8 | 9 | Total |
|-------|-----|-----|----|----|----|---|-------|
| Apr | - | - | - | - | - | - | - |
| May | - | - | - | - | - | - | - |
| Jun | 173 | 653 | 70 | 35 | 55 | 8 | 994 |

TABLE 31
(cont'd)

AGE/LENGTH TABLE - COD - 1C - 1965 (3rd QUARTER)

| GEAR | | Otter Trawl (Research) | | | | | | | | | | | | | |
|--------------------------------------|--|---------------------------|----|----|---|---|---|---|----|------------------------|------------------------------|-----|-----|-----|---------|
| CATCHES OR LANDINGS | | Catches | | | | | | | | | | | | | |
| COUNTRY | | Germany, Federal Republic | | | | | | | | | | | | | |
| TONNAGE | | 1075 | | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Otoliths | | | | | | | | | | | | | |
| Length Group (3 cm) | Age | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 17 | Total No. of Ages Read | LENGTH COMPOSITION PER MILLE | | | | |
| | | | | | | | | | | | Months Within Quarter | | | | |
| | | | | | | | | | | | Jul | Aug | Sep | | |
| 36 | | 1 | - | - | - | - | - | - | - | 1 | - | - | 18 | | |
| 39 | | 5 | 1 | - | - | - | - | - | - | 6 | - | - | 46 | | |
| 42 | | 1 | 3 | - | - | - | - | - | - | 4 | - | - | 55 | | |
| 45 | | - | 13 | 1 | - | - | - | - | - | 14 | - | - | 120 | | |
| 48 | | - | 23 | 3 | - | - | - | - | - | 26 | - | - | 157 | | |
| 51 | | - | 14 | 3 | - | - | - | - | - | 17 | - | - | 237 | | |
| 54 | | - | 15 | 9 | - | - | 1 | - | - | 25 | - | - | 145 | | |
| 57 | | - | 7 | 8 | - | - | - | - | - | 15 | - | - | 108 | | |
| 60 | | - | 3 | 14 | - | - | - | - | - | 17 | - | - | 34 | | |
| 63 | | - | - | 12 | 1 | - | - | - | - | 13 | - | - | 28 | | |
| 66 | | - | - | 6 | - | - | - | - | - | 6 | - | - | 19 | | |
| 69 | | - | - | 3 | 1 | 1 | - | - | - | 5 | - | - | 6 | | |
| 72 | | - | - | 1 | 1 | 1 | - | - | - | 3 | - | - | 9 | | |
| 75 | | - | - | - | - | - | 1 | - | - | 1 | - | - | 6 | | |
| 78 | | - | - | - | - | 1 | 2 | - | - | 3 | - | - | 3 | | |
| 81 | | - | - | - | - | 1 | - | 1 | - | 2 | - | - | 6 | | |
| 84 | | - | - | - | - | 1 | 3 | - | 1 | 5 | - | - | - | | |
| 87 | | - | - | - | - | - | 1 | - | - | 1 | - | - | 3 | | |
| 90 | | - | - | - | - | 1 | - | - | - | 1 | - | - | - | | |
| 93 | | - | - | - | - | - | 1 | - | - | 1 | - | - | - | | |
| 96 | | - | - | - | - | - | - | 1 | - | 1 | - | - | - | | |
| Total No. of Ages Read | | 7 | 79 | 60 | 3 | 6 | 9 | 2 | 1 | 167 | 1000 | | | | |
| Serial Numbers | 2GR | No. of Age Samples 1 | | | | | | | | | | | | | |
| X | Number of fish measured each month | | | | | | | | | | | | - | - | 325 |
| | Mean length of fish (cm) each month | | | | | | | | | | | | - | - | 52.8 |
| | Mean weight of fish (kg) each month | | | | | | | | | | | | - | - | - |
| | Total weight caught or landed (tons) each month | | | | | | | | | | | | - | - | 1.5 |
| | Estimated number caught or landed (whole numbers) each month | | | | | | | | | | | | - | - | 1950 |
| | Range of depths (m) each month | | | | | | | | | | | | - | - | 175-190 |
| Mesh size (mm) | | | | | | | | | | | | - | - | 110 | |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 17 | Total |
|-------|----|-----|-----|---|---|----|---|----|-------|
| Jul | - | - | - | - | - | - | - | - | - |
| Aug | - | - | - | - | - | - | - | - | - |
| Sep | 70 | 637 | 259 | 6 | 8 | 17 | 3 | 0 | 1000 |

| GEAR | | Otter Trawl (Commercial) | | | | | | | | | | | | | | | | Total No. of Ages Read | | LENGTH COMPOSITION PER MILLE | | |
|--|-----|--|----|----|-----|----|----|----|----|----|----|----|----|----|----|-------|------------------------|------------------------|-------|------------------------------|--|--|
| CATCHES OR LANDINGS | | Landings | | | | | | | | | | | | | | | | | | Months Within Quarter | | |
| COUNTRY | | Germany, Federal Republic | | | | | | | | | | | | | | | | | | | | |
| TONNAGE | | 500-900 | | | | | | | | | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Otoliths | | | | | | | | | | | | | | | | | | | | |
| Length Group (3 cm) | Age | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | Total No. of Ages Read | PER MILLE | | | | |
| | | | | | | | | | | | | | | | | | | Jan | Feb | Mar | | |
| 48 | 4 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 5 | - | 30 | - | | |
| 51 | 1 | 14 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 15 | - | 118 | - | | |
| 54 | 1 | 25 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 27 | - | 189 | - | | |
| 57 | - | 24 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 25 | - | 194 | - | | |
| 60 | - | 10 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 13 | - | 105 | - | | |
| 63 | - | 9 | 4 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | 15 | - | 84 | - | | |
| 66 | - | 2 | 5 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | 11 | - | 46 | - | | |
| 69 | - | - | - | 1 | 4 | - | - | - | - | - | - | - | - | - | - | - | 5 | - | 30 | - | | |
| 72 | - | - | 4 | 4 | 12 | - | - | - | - | - | - | - | - | - | - | - | 20 | - | 82 | - | | |
| 75 | - | - | 2 | 2 | 12 | 1 | - | - | - | - | - | - | - | - | - | - | 17 | - | 44 | - | | |
| 78 | - | - | - | 2 | 8 | 1 | 1 | - | 1 | - | - | - | - | - | - | - | 13 | - | 33 | - | | |
| 81 | - | - | - | 1 | 9 | 2 | - | 3 | 3 | - | - | - | - | - | - | - | 18 | - | 17 | - | | |
| 84 | - | - | - | - | 3 | - | 4 | 2 | 1 | - | - | - | - | - | - | - | 10 | - | 16 | - | | |
| 87 | - | - | - | - | 1 | 1 | - | - | 2 | - | - | 1 | - | - | - | - | 5 | - | 6 | - | | |
| 90 | - | - | - | - | 1 | - | - | - | 1 | - | - | - | - | - | - | - | 2 | - | 3 | - | | |
| 93 | - | - | - | - | - | - | - | - | 2 | - | - | 1 | - | - | - | - | 3 | - | 1 | - | | |
| 96 | - | - | - | - | - | - | - | - | 1 | - | - | 1 | - | - | 1 | - | 3 | - | 1 | - | | |
| 99 | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | 1 | - | 2 | - | 1 | - | | |
| Total No. of Ages Read | | 6 | 85 | 19 | 15 | 52 | 5 | 5 | 5 | 12 | - | - | 3 | - | - | 2 | 209 | - 1000 - | | | | |
| Serial Numbers 6 | | No. of Age Samples 1 | | | | | | | | | | | | | | | | | | | | |
| X | | Number of fish measured each month | | | | | | | | | | | | | | | | - | 510 | - | | |
| | | Mean length of fish (cm) each month | | | | | | | | | | | | | | | | - | 62.5 | - | | |
| | | Mean weight of fish (kg) each month | | | | | | | | | | | | | | | | - | - | - | | |
| | | Total weight caught or landed (tons) each month | | | | | | | | | | | | | | | | - | 152 | - | | |
| | | Estimated number caught or landed (whole numbers) each month | | | | | | | | | | | | | | | | - | 79565 | - | | |
| | | Range of depths (m) each month | | | | | | | | | | | | | | | | - | - | - | | |
| | | Mesh size (mm) | | | | | | | | | | | | | | | | - | 110 | - | | |
| AGE COMPOSITIONS OF LANDINGS (PER MILLE) | | | | | | | | | | | | | | | | | | | | | | |
| Month | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | Total | | | | | | |
| Jan | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | |
| Feb | 39 | 616 | 95 | 56 | 158 | 7 | 8 | 6 | 13 | - | - | 1 | - | - | 1 | 1000 | | | | | | |
| Mar | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | |

TABLE 32
(cont'd)

AGE/LENGTH TABLE - COD - 1D - 1965 (2nd QUARTER)

| GEAR | | Otter Trawl (Research) | | | | | | | | | | | | | | |
|--------------------------------------|--|------------------------|-----|----|----|-----|---|----|----|----|----|------------------------|-----------------------------|---------|------|-----|
| CATCHES OR LANDINGS | | NK | | | | | | | | | | | | | | |
| COUNTRY | | Denmark (Greenland) | | | | | | | | | | | | | | |
| TONNAGE | | 900-1800 | | | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Otoliths | | | | | | | | | | | | | | |
| Length Group (3 cm) | Age | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | Total No. of Ages Read | LENGTH COMPOSITION PER MILE | | | |
| | | | | | | | | | | | | | Months Within Quarter | | | |
| | | | | | | | | | | | | Apr | May | Jun | | |
| 39 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| 42 | 1 | - | - | - | - | - | - | - | - | - | - | 1 | - | - | 1 | - |
| 45 | 7 | 2 | - | - | - | - | - | - | - | - | - | 9 | - | - | 17 | 11 |
| 48 | 20 | 3 | - | - | - | - | - | - | - | - | - | 23 | - | - | 73 | 6 |
| 51 | 26 | 7 | - | 1 | - | - | - | - | - | - | - | 34 | - | - | 107 | 20 |
| 54 | 19 | 12 | - | - | - | - | - | - | - | - | - | 31 | - | - | 128 | 11 |
| 57 | 5 | 14 | 4 | - | - | - | - | - | - | - | - | 23 | - | - | 64 | 37 |
| 60 | 3 | 38 | 2 | - | 1 | - | - | - | - | - | - | 44 | - | - | 60 | 83 |
| 63 | - | 21 | 7 | 1 | - | - | - | - | - | - | - | 29 | - | - | 50 | 69 |
| 66 | - | 15 | 9 | 5 | - | - | - | - | - | - | - | 29 | - | - | 62 | 77 |
| 69 | - | 3 | 12 | 3 | 12 | - | - | - | - | - | - | 30 | - | - | 48 | 74 |
| 72 | - | 4 | 4 | 14 | 8 | - | - | - | - | - | - | 30 | - | - | 66 | 57 |
| 75 | - | 2 | 6 | 12 | 31 | 2 | - | - | - | - | - | 53 | - | - | 83 | 171 |
| 78 | - | - | 1 | 9 | 30 | - | - | - | - | - | - | 40 | - | - | 74 | 120 |
| 81 | - | - | 1 | 2 | 22 | 1 | 1 | 1 | - | - | - | 28 | - | - | 56 | 106 |
| 84 | - | - | 1 | 1 | 12 | 1 | 2 | - | 1 | - | - | 18 | - | - | 44 | 60 |
| 87 | - | - | - | 1 | 9 | 2 | 1 | 1 | 2 | - | - | 16 | - | - | 32 | 51 |
| 90 | - | - | - | - | 2 | - | 1 | 1 | 1 | 1 | 1 | 6 | - | - | 17 | 23 |
| 93 | - | - | - | - | 1 | 1 | - | - | - | - | - | 2 | - | - | 9 | 9 |
| 96 | - | - | - | - | 1 | 1 | - | - | - | - | - | 3 | - | - | 1 | 11 |
| 99 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 4 | 3 |
| 102 | - | - | - | - | - | - | 1 | - | - | - | - | 1 | - | - | 2 | - |
| Total No. of Ages Read | | 81 | 121 | 47 | 49 | 129 | 8 | 6 | 4 | 4 | 1 | 450 | X | | | |
| Serial Numbers | | No. of Age Samples | | | | | | | | | | | | | | |
| X | Number of fish measured each month | | | | | | | | | | | | - | 900 | 350 | |
| | Mean length of fish (cm) each month | | | | | | | | | | | | - | 66.2 | 73.7 | |
| | Mean weight of fish (kg) each month | | | | | | | | | | | | - | - | - | |
| | Total weight caught or landed (tons) each month | | | | | | | | | | | | - | - | - | |
| | Estimated number caught or landed (whole numbers) each month | | | | | | | | | | | | - | - | - | |
| | Range of depths (m) each month | | | | | | | | | | | | - | 119-302 | 110 | |
| Mesh size (mm) | | | | | | | | | | | | - | - | - | | |

AGE COMPOSITIONS OF LANDINGS (PER MILE)

| Month | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | Total |
|-------|-----|-----|-----|-----|-----|----|----|----|----|----|-------|
| Apr | - | - | - | - | - | - | - | - | - | - | - |
| May | 256 | 262 | 88 | 96 | 245 | 16 | 13 | 7 | 9 | 3 | 995 |
| Jun | 50 | 218 | 118 | 130 | 406 | 29 | 17 | 15 | 13 | 4 | 1000 |

TABLE 32
(cont'd)

AGE/LENGTH TABLE - COD - 1D - 1965 (3rd QUARTER)

| GEAR | | Otter Trawl (Commercial) | | | | | | | | | | | | | | | | | |
|--------------------------------------|-----|--|----|----|----|----|---|----|----|----|----|----|----|-----|-----|------------------------|------------------------------|-------|--|
| CATCHES OR LANDINGS | | Landings | | | | | | | | | | | | | | | | | |
| COUNTRY | | Germany, Federal Republic | | | | | | | | | | | | | | | | | |
| TONNAGE | | 900-1800 | | | | | | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Otoliths | | | | | | | | | | | | | | | | | |
| Length Group (3 cm) | Age | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | Total No. of Ages Read | LENGTH COMPOSITION PER MILLE | | |
| | | | | | | | | | | | | | | | | | Months Within Quarter | | |
| | | | | | | | | | | | | | | Jul | Aug | Sep | | | |
| 42 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | |
| 45 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 25 | |
| 48 | 12 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 86 | |
| 51 | 11 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 143 | |
| 54 | 24 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 177 | |
| 57 | 14 | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 130 | |
| 60 | 5 | 8 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 70 | |
| 63 | 2 | 11 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 44 | |
| 66 | 1 | 12 | 3 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 49 | |
| 69 | - | 10 | 3 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 39 | |
| 72 | - | 2 | 2 | 1 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | 27 | |
| 75 | - | - | - | 1 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | 50 | |
| 78 | - | - | 1 | 4 | 5 | 1 | - | - | - | - | - | - | - | - | - | - | - | 36 | |
| 81 | - | - | - | 4 | 6 | - | 1 | - | 1 | - | - | - | - | - | - | - | - | 34 | |
| 84 | - | - | - | - | 4 | 3 | - | - | - | - | - | - | - | - | - | - | - | 23 | |
| 87 | - | - | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 16 | |
| 90 | - | - | - | - | - | - | 1 | - | 2 | - | - | - | - | - | - | - | - | 13 | |
| 93 | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 8 | |
| 96 | - | - | - | - | 1 | - | - | - | 1 | - | - | - | - | - | - | - | - | 8 | |
| 99 | - | - | - | - | - | 1 | - | 1 | 1 | 1 | - | - | - | - | - | - | - | 8 | |
| 102 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | |
| 105 | - | - | - | - | - | - | - | 1 | 2 | - | - | 2 | - | - | - | - | - | 8 | |
| 108 | - | - | - | - | - | - | - | - | - | - | - | 1 | - | 1 | - | - | - | 4 | |
| Total No. of Ages Read | | 70 | 50 | 11 | 15 | 28 | 5 | 2 | 2 | 7 | 1 | - | 3 | - | 1 | | 195 | | |
| Serial Numbers | 29 | No. of Age Samples | | | | | | | | | | | | | | 1 | | | |
| X | | Number of fish measured each month | | | | | | | | | | | | | | - | - | 421 | |
| | | Mean length of fish (cm) each month | | | | | | | | | | | | | | - | - | 63.4 | |
| | | Mean weight of fish (kg) each month | | | | | | | | | | | | | | - | - | - | |
| | | Total weight caught or landed (tons) each month | | | | | | | | | | | | | | - | - | 120 | |
| | | Estimated number caught or landed (whole numbers) each month | | | | | | | | | | | | | | - | - | 55424 | |
| | | Range of depths (m) each month | | | | | | | | | | | | | | - | - | - | |
| | | Mesh size (mm) | | | | | | | | | | | | | | - | - | 110 | |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | Total |
|-------|-----|-----|----|----|-----|----|----|----|----|----|----|----|----|----|-------|
| Jul | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Aug | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Sep | 549 | 183 | 33 | 55 | 123 | 15 | 7 | 4 | 22 | 2 | - | 5 | - | 2 | 1000 |

TABLE 32
(cont'd)

AGE/LENGTH TABLE - COD - 1D - 1965 (4th QUARTER)

| GEAR | | Otter Trawl (Research) | | | | | | | | | | | | | Total No. of Ages Read | LENGTH COMPOSITION PER MILLE | | | |
|--------------------------------------|-----|--|----|-----|-----|----|---|---|----|---|----|----|----|----|---------------------------------|---------------------------------|-----------|-----|-----|
| CATCHES OR LANDINGS | | Catches | | | | | | | | | | | | | | Months Within Quarter | | | |
| COUNTRY | | Germany, Federal Republic | | | | | | | | | | | | | | | | | |
| TONNAGE | | 2000 | | | | | | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Otoliths | | | | | | | | | | | | | | | | | |
| Length Group (3 cm) | Age | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 15 | 18 | Total No. of Ages Read | PER MILLE | | |
| | | | | | | | | | | | | | | | | | Oct | Nov | Dec |
| 18 | | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - | - | 0 |
| 21 | | 1 | 8 | - | - | - | - | - | - | - | - | - | - | - | - | 9 | - | - | 0 |
| 24 | | - | 21 | - | - | - | - | - | - | - | - | - | - | - | - | 21 | - | - | 7 |
| 27 | | - | 7 | - | - | - | - | - | - | - | - | - | - | - | - | 7 | - | - | 32 |
| 30 | | - | 14 | 2 | - | - | - | - | - | - | - | - | - | - | - | 16 | - | - | 50 |
| 33 | | - | 4 | 11 | - | - | - | - | - | - | - | - | - | - | - | 15 | - | - | 46 |
| 36 | | - | - | 18 | 1 | - | - | - | - | - | - | - | - | - | - | 19 | - | - | 68 |
| 39 | | - | 1 | 41 | 8 | - | - | - | - | - | - | - | - | - | - | 50 | - | - | 122 |
| 42 | | - | - | 40 | 13 | - | - | - | - | - | - | - | - | - | - | 53 | - | - | 141 |
| 45 | | - | - | 6 | 22 | - | - | - | - | - | - | - | - | - | - | 28 | - | - | 149 |
| 48 | | - | - | 1 | 23 | 1 | - | - | - | - | - | - | - | - | - | 25 | - | - | 159 |
| 51 | | - | - | - | 34 | 6 | - | - | - | - | - | - | - | - | - | 40 | - | - | 127 |
| 54 | | - | - | - | 35 | 3 | - | - | - | - | - | - | - | - | - | 38 | - | - | 62 |
| 57 | | - | - | - | 16 | 8 | - | - | - | - | - | - | - | - | - | 24 | - | - | 22 |
| 60 | | - | - | - | 6 | 14 | 1 | - | - | - | - | - | - | - | - | 21 | - | - | 7 |
| 63 | | - | - | - | 3 | 7 | - | - | - | - | - | - | - | - | - | 10 | - | - | 2 |
| 66 | | - | - | - | - | 16 | - | - | - | - | - | - | - | - | - | 16 | - | - | 0 |
| 69 | | - | - | - | - | 6 | 1 | - | - | - | - | - | - | - | - | 7 | - | - | 0 |
| 72 | | - | - | - | - | 3 | 2 | - | 1 | - | - | - | - | - | - | 6 | - | - | 0 |
| 75 | | - | - | - | - | - | 1 | 1 | 2 | - | - | - | - | - | - | 4 | - | - | 0 |
| 78 | | - | - | - | - | - | 1 | 3 | 8 | - | - | - | - | - | - | 12 | - | - | 1 |
| 81 | | - | - | - | - | - | - | 4 | 3 | - | - | - | - | - | - | 7 | - | - | 1 |
| 84 | | - | - | - | - | - | - | 1 | 10 | 1 | - | - | - | - | - | 12 | - | - | 1 |
| 87 | | - | - | - | - | - | - | - | 5 | 2 | - | - | - | - | - | 7 | - | - | 1 |
| 90 | | - | - | - | - | - | - | - | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 9 | - | - | 1 |
| 93 | | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | 1 | - | - | 0 |
| 96 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 |
| 99 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0 |
| Total No. of Ages Read | | 2 | 56 | 119 | 161 | 64 | 6 | 9 | 31 | 4 | 1 | 1 | 3 | 1 | 1 | 459 | 1000 | | |
| Serial Numbers 65, 66, 67, 68, 69 | | No. of Age Samples 2 | | | | | | | | | | | | | | | | | |
| X | | Number of fish measured each month | | | | | | | | | | | | | - | - | 9399 | | |
| | | Mean length of fish (cm) each month | | | | | | | | | | | | | - | - | 45.2 | | |
| | | Mean weight of fish (kg) each month | | | | | | | | | | | | | - | - | - | | |
| | | Total weight caught or landed (tons) each month | | | | | | | | | | | | | - | - | 6.5 | | |
| | | Estimated number caught or landed (whole numbers) each month | | | | | | | | | | | | | - | - | 9399 | | |
| | | Range of depths (m) each month | | | | | | | | | | | | | - | - | 80-110 | | |
| | | Mesh size (mm) | | | | | | | | | | | | | - | with cover | | | |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 15 | 18 | Total |
|-------|---|----|-----|-----|----|---|---|---|---|----|----|----|----|----|-------|
| Oct | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Nov | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Dec | 0 | 97 | 348 | 505 | 44 | 0 | 1 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 1000 |

TABLE 33
(cont'd)

AGE/LENGTH TABLE - COD - 1E - 1965 (2nd QUARTER)

| GEAR | | Otter Trawl (Commercial) | | | | | | | | | | | | | | | Total No. of Ages Read | LENGTH COMPOSITION PER MILLE | | |
|--------------------------------------|-----|--|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------------------------------|---------------------------------|-------|---|
| CATCHES OR LANDINGS | | Landings | | | | | | | | | | | | | | | | Months Within Quarter | | |
| COUNTRY | | Germany, Federal Republic | | | | | | | | | | | | | | | | | | |
| TONNAGE | | 900-1800 | | | | | | | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Otoliths | | | | | | | | | | | | | | | | | | |
| Length Group (3 cm) | Age | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 18 | 21 | 23 | Apr | May | Jun | |
| | | 45 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | - |
| 48 | 9 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 106 | |
| 51 | 12 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 132 | |
| 54 | 12 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 133 | |
| 57 | 11 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 101 | |
| 60 | 1 | 8 | 2 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 79 | |
| 63 | - | 3 | 4 | 4 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 80 | |
| 66 | - | - | 3 | 12 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | 96 | |
| 69 | - | - | - | 13 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 61 | |
| 72 | - | - | - | 9 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 53 | |
| 75 | - | - | - | 5 | 5 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | 37 | |
| 78 | - | - | - | 8 | 6 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | 36 | |
| 81 | - | - | - | 3 | 1 | 5 | - | - | - | - | 1 | - | - | - | - | - | - | - | 23 | |
| 84 | - | - | - | 2 | 2 | 6 | 3 | - | - | - | - | - | - | - | - | - | - | - | 22 | |
| 87 | - | - | - | - | 3 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | 15 | |
| 90 | - | - | - | - | - | 3 | - | - | - | - | - | - | - | - | - | - | - | - | 4 | |
| 93 | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 5 | |
| 96 | - | - | - | - | - | 1 | - | - | 1 | 1 | - | - | 1 | - | - | - | - | - | 5 | |
| 99 | - | - | - | - | - | 2 | - | - | 1 | 1 | - | - | - | 1 | - | - | - | - | 4 | |
| 102 | - | - | - | - | - | - | - | - | 1 | 1 | - | 1 | - | - | - | - | - | - | 3 | |
| 105 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | 1 | |
| Total No. of Ages Read | | 45 | 18 | 10 | 58 | 21 | 29 | 3 | - | 3 | 3 | 1 | 1 | 1 | 1 | 1 | | | 195 | |
| Serial Numbers | 27 | No. of Age Samples | | | | | | | | | | | | | | | | | 1000 | |
| X | | Number of fish measured each month | | | | | | | | | | | | | | | - | - | 435 | |
| | | Mean length of fish (cm) each month | | | | | | | | | | | | | | | - | - | 63.3 | |
| | | Mean weight of fish (kg) each month | | | | | | | | | | | | | | | - | - | - | |
| | | Total weight caught or landed (tons) each month | | | | | | | | | | | | | | | - | - | 32 | |
| | | Estimated number caught or landed (whole numbers) each month | | | | | | | | | | | | | | | - | - | 17168 | |
| | | Range of depths (m) each month | | | | | | | | | | | | | | | - | - | - | |
| | | Mesh size (mm) | | | | | | | | | | | | | | | - | - | 110 | |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 18 | 21 | 23 | Total |
|-------|-----|-----|----|-----|----|----|----|----|----|----|----|----|----|----|----|-------|
| Apr | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| May | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Jun | 418 | 126 | 62 | 251 | 59 | 67 | 5 | - | 3 | 3 | 2 | 1 | 1 | 1 | 1 | 1000 |

TABLE 34

AGE/LENGTH TABLE - COD - 1P - 1965 (1st QUARTER)

| GEAR | | Otter Trawl (Commercial) | | | | | | | | | | | | | | | | |
|--------------------------------------|-----|--|---|----|----|----|----|----|----|----|----|------------------------|------------------------------|-----|-------|-----|-----|--|
| CATCHES OR LANDINGS | | Landings | | | | | | | | | | | | | | | | |
| COUNTRY | | Germany, Federal Republic | | | | | | | | | | | | | | | | |
| TONNAGE | | 500-900 | | | | | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Otoliths | | | | | | | | | | | | | | | | |
| Length Group (3 cm) | Age | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 14 | 18 | Total No. of Ages Read | LENGTH COMPOSITION PER MILLE | | | | | |
| | | | | | | | | | | | | | Months Within Quarter | Jan | Feb | Mar | | |
| 54 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 3 | |
| 57 | | - | 3 | - | - | - | - | - | - | - | - | 3 | - | - | - | - | 13 | |
| 60 | | 1 | 2 | 2 | - | - | - | - | - | - | - | 5 | - | - | - | - | 43 | |
| 63 | | - | 2 | 10 | - | - | - | - | - | - | - | 12 | - | - | - | - | 96 | |
| 66 | | - | - | 12 | 1 | - | - | - | - | - | - | 13 | - | - | - | - | 112 | |
| 69 | | - | 1 | 14 | 3 | - | - | - | - | - | - | 18 | - | - | - | - | 152 | |
| 72 | | - | - | 12 | 3 | 4 | - | - | - | - | - | 19 | - | - | - | - | 154 | |
| 75 | | - | - | 14 | 5 | 2 | - | - | - | - | - | 21 | - | - | - | - | 137 | |
| 78 | | - | - | 6 | 7 | 4 | - | - | 1 | - | - | 18 | - | - | - | - | 101 | |
| 81 | | - | - | 1 | 3 | 4 | 2 | - | 1 | - | - | 11 | - | - | - | - | 65 | |
| 84 | | - | - | 2 | - | 7 | - | 1 | - | 1 | - | 11 | - | - | - | - | 44 | |
| 87 | | - | - | - | 5 | 4 | 2 | - | 1 | - | - | 12 | - | - | - | - | 28 | |
| 90 | | - | - | - | - | 2 | 1 | - | 1 | - | - | 4 | - | - | - | - | 28 | |
| 93 | | - | - | - | 1 | 4 | - | 2 | - | - | 1 | 8 | - | - | - | - | 16 | |
| 96 | | - | - | - | - | - | - | - | 3 | - | - | 3 | - | - | - | - | 8 | |
| Total No. of Ages Read | | 1 | 8 | 73 | 28 | 31 | 5 | 3 | 7 | 1 | 1 | 158 | 1000 | | | | | |
| Serial Numbers | | 9 | | | | | | | | | | | No. of Age Samples | | | 1 | | |
| X | | Number of fish measured each month | | | | | | | | | | | - | - | 372 | | | |
| | | Mean length of fish (cm) each month | | | | | | | | | | | - | - | 74.3 | | | |
| | | Mean weight of fish (kg) each month | | | | | | | | | | | - | - | - | | | |
| | | Total weight caught or landed (tons) each month | | | | | | | | | | | - | - | 55 | | | |
| | | Estimated number caught or landed (whole numbers) each month | | | | | | | | | | | - | - | 18587 | | | |
| | | Range of depths (m) each month | | | | | | | | | | | - | - | - | | | |
| Mesh size (mm) | | | | | | | | | | | | | - | - | 110 | | | |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 14 | 18 | Total |
|-------|---|----|-----|-----|-----|----|----|----|----|----|-------|
| Jan | - | - | - | - | - | - | - | - | - | - | - |
| Feb | - | - | - | - | - | - | - | - | - | - | - |
| Mar | 9 | 57 | 556 | 162 | 150 | 24 | 8 | 28 | 4 | 2 | 1000 |

TABLE 35

AGE/LENGTH TABLE - COD - SOUTH EAST GREENLAND - 1965 (1st QUARTER)

| GEAR | | Otter Trawl (Commercial) | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|--|---------------------------|----|-----|-----|-----|----|----|----|----|----|----|----|----|----|-------|-----|------------------------|------------------------------|-------|-----|
| CATCHES OR LANDINGS | | Landings | | | | | | | | | | | | | | | | | | | |
| COUNTRY | | Germany, Federal Republic | | | | | | | | | | | | | | | | | | | |
| TONNAGE | | 500-900 | | | | | | | | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Otoliths | | | | | | | | | | | | | | | | | | | |
| Length Group (3 cm) | Age | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 18/20 | 20 | Total No. of Ages Read | LENGTH COMPOSITION PER MILLE | | |
| | | | | | | | | | | | | | | | | | | | Months Within Quarter | | |
| | | | | | | | | | | | | | | | | Jan | Feb | Mar | | | |
| 57 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | 2 | - |
| 60 | 2 | - | 4 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 7 | 9 | - | 17 |
| 63 | - | 1 | 9 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | 12 | 25 | 19 | 10 |
| 66 | 1 | 2 | 33 | 3 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | 44 | 61 | 43 | 43 |
| 69 | - | 1 | 20 | 12 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | 38 | 67 | 75 | 57 |
| 72 | - | 2 | 22 | 20 | 11 | - | - | - | - | - | - | - | - | - | - | - | - | 55 | 94 | 62 | 142 |
| 75 | - | - | 18 | 32 | 18 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | 70 | 104 | 152 | 138 |
| 78 | - | - | 13 | 32 | 34 | 1 | - | 1 | - | 1 | - | - | - | 1 | 1 | 2 | - | 86 | 171 | 158 | 158 |
| 81 | - | - | 4 | 10 | 38 | 1 | 1 | - | 2 | - | 3 | - | - | 3 | - | - | - | 62 | 106 | 187 | 131 |
| 84 | - | - | 2 | 11 | 43 | 1 | - | 2 | - | 2 | 1 | - | - | 1 | - | - | - | 63 | 146 | 146 | 112 |
| 87 | - | - | - | 1 | 26 | 2 | 2 | - | - | - | - | - | - | - | - | - | 1 | 32 | 94 | 79 | 75 |
| 90 | - | - | - | - | 14 | - | 1 | 4 | - | 3 | - | - | - | 1 | - | - | - | 23 | 73 | 46 | 54 |
| 93 | - | - | - | - | 3 | - | - | 1 | - | 1 | 1 | - | 1 | 2 | - | 1 | - | 10 | 23 | 18 | 34 |
| 96 | - | - | - | - | 1 | - | - | - | 1 | - | 1 | - | - | 1 | - | - | - | 4 | 15 | 5 | 5 |
| 99 | - | - | - | - | 1 | - | - | 2 | 1 | 1 | 1 | - | - | - | - | - | - | 6 | 8 | 4 | 14 |
| 102 | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | 1 | 2 | - | 4 | 5 |
| 105 | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | 1 | 4 | - | - |
| 108 | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | 1 | - | - | 5 |
| Total No. of Ages Read | | 3 | 7 | 125 | 124 | 199 | 6 | 4 | 13 | 4 | 7 | 9 | - | 1 | 9 | 1 | 5 | 517 | | | |
| Serial Numbers | 4, 8, 12 | No. of Age Samples | | | | | | | | | | | | | | | | 3 | | | |
| X | Number of fish measured each month | | | | | | | | | | | | | | | | | 349 | 312 | 406 | |
| | Mean length of fish (cm) each month | | | | | | | | | | | | | | | | | 80.6 | 80.4 | 80.3 | |
| | Mean weight of fish (kg) each month | | | | | | | | | | | | | | | | | - | - | - | |
| | Total weight caught or landed (tons) each month | | | | | | | | | | | | | | | | | 35 | 139 | 49 | |
| | Estimated number caught or landed (whole numbers) each month | | | | | | | | | | | | | | | | | 9532 | 37684 | 13876 | |
| | Range of depths (m) each month | | | | | | | | | | | | | | | | | - | - | - | |
| Mesh size (mm) | | | | | | | | | | | | | | | | | 110 | 110 | 110 | | |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 18/20 | 20 | Total |
|-------|---|----|-----|-----|-----|----|----|----|----|----|----|----|----|----|-------|----|-------|
| Jan | 3 | 5 | 218 | 202 | 482 | 15 | 12 | 17 | 9 | 15 | 11 | - | - | 5 | - | 6 | 1000 |
| Feb | 3 | 7 | 159 | 202 | 566 | 7 | - | - | - | 15 | 22 | - | - | 7 | 6 | 6 | 1000 |
| Mar | 4 | 15 | 231 | 283 | 273 | 17 | 11 | 55 | 11 | 23 | 20 | - | 6 | 39 | - | 20 | 1000 |

TABLE 35
(cont'd)

AGE/LENGTH TABLE - COD - SOUTH EAST GREENLAND - 1965 (2nd QUARTER)

| GEAR | | Otter Trawl (Commercial) | | | | | | | | | | | | | | | | | | |
|--|-----|--|-----|-----|----|----|----|----|----|----|----|----|----|----|-----|-------|------------------------|------------------------------|---|---|
| CATCHES OR LANDINGS | | Landings | | | | | | | | | | | | | | | | | | |
| COUNTRY | | Germany, Federal Republic | | | | | | | | | | | | | | | | | | |
| TONNAGE | | 500-900 | | | | | | | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Otoliths | | | | | | | | | | | | | | | | | | |
| Length Group (3 cm) | Age | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | Total No. of Ages Read | LENGTH COMPOSITION PER MILLE | | |
| | | | | | | | | | | | | | | | | | | Months Within Quarter | | |
| | | | | | | | | | | | | | | | Apr | May | Jun | | | |
| 57 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| 60 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63 | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 6 | - | - |
| 66 | 1 | 2 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 6 | - | - |
| 69 | 2 | 1 | 8 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 13 | - | - |
| 72 | 2 | 4 | 19 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 28 | - | - |
| 75 | - | 7 | 31 | 2 | 3 | 2 | 1 | - | - | 1 | - | - | - | - | - | - | - | 47 | - | - |
| 78 | - | 3 | 34 | 4 | 1 | - | - | - | - | 1 | - | - | 1 | - | - | - | - | 44 | - | - |
| 81 | - | - | 23 | 4 | - | 1 | 5 | - | - | 1 | - | - | 2 | - | - | - | - | 36 | - | - |
| 84 | - | - | 11 | 3 | - | 1 | 3 | - | 1 | 2 | - | - | 1 | - | - | 1 | - | 23 | - | - |
| 87 | - | 1 | 6 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | 9 | - | - |
| 90 | - | - | 3 | - | 1 | 1 | - | - | - | 2 | - | - | 2 | - | - | - | - | 9 | - | - |
| 93 | - | - | 1 | 1 | - | - | 2 | - | - | 1 | - | - | 1 | - | - | - | - | 6 | - | - |
| 96 | - | - | - | - | - | - | - | 1 | - | 1 | - | - | - | - | - | - | - | 2 | - | - |
| 99 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | 1 | - | - |
| 102 | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| 105 | - | - | - | - | - | - | - | - | - | 1 | - | - | 1 | - | - | - | - | 2 | - | - |
| Total No. of Ages Read | | 6 | 18 | 138 | 19 | 8 | 5 | 12 | 1 | 1 | 10 | - | - | 10 | - | 1 | 229 | 1000 | | |
| Serial Numbers | 16 | | | | | | | | | | | | | | | | No. of Age Samples | | | |
| X | | Number of fish measured each month | | | | | | | | | | | | | | | 489 | - | - | |
| | | Mean length of fish (cm) each month | | | | | | | | | | | | | | | 80.4 | - | - | |
| | | Mean weight of fish (kg) each month | | | | | | | | | | | | | | | - | - | - | |
| | | Total weight caught or landed (tons) each month | | | | | | | | | | | | | | | 33 | - | - | |
| | | Estimated number caught or landed (whole numbers) each month | | | | | | | | | | | | | | | 9275 | - | - | |
| | | Range of depths (m) each month | | | | | | | | | | | | | | | - | - | - | |
| | | Mesh size (mm) | | | | | | | | | | | | | | | 110 | - | - | |
| AGE COMPOSITIONS OF LANDINGS (PER MILLE) | | | | | | | | | | | | | | | | | | | | |
| Month | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | Total | | | | |
| Apr | 28 | 83 | 595 | 79 | 38 | 20 | 50 | 7 | 4 | 43 | - | - | 49 | - | 4 | 1000 | | | | |
| May | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| Jun | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | |

TABLE 35
(cont'd)

AGE/LENGTH TABLE - COO - South East Greenland - 1965 (2nd QUARTER)

| GEAR | | Otter Trawl (Commercial) | | | | | | | | | | | | Total No. of Ages Read | | LENGTH COMPOSITION PER MILLE | | | |
|--------------------------------------|--|---------------------------|---|----|-----|----|----|----|----|----|----|----|----|------------------------|-----------------------|------------------------------|-----|-----|------|
| CATCHES OR LANDINGS | | Landings | | | | | | | | | | | | | | | | | |
| COUNTRY | | Germany, Federal Republic | | | | | | | | | | | | | | | | | |
| TONNAGE | | 500-900 | | | | | | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Otoliths | | | | | | | | | | | | | | | | | |
| Length Group (3 cm) | Age | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | Total No. of Ages Read | Months Within Quarter | | | | |
| | | | | | | | | | | | | | | | Apr | May | Jun | | |
| 42 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | |
| 45 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | |
| 48 | | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 16 | |
| 51 | | 8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 43 | |
| 54 | | 5 | 1 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 66 | |
| 57 | | 3 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 29 | |
| 60 | | 1 | - | 1 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | 34 | |
| 63 | | - | - | 3 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | 34 | |
| 66 | | - | - | 2 | 15 | - | - | - | - | - | - | - | - | - | - | - | - | 65 | |
| 69 | | - | - | 1 | 13 | - | 1 | - | - | - | - | - | - | - | - | - | - | 122 | |
| 72 | | - | - | - | 20 | - | 2 | - | - | - | - | - | - | - | - | - | - | 165 | |
| 75 | | - | - | - | 12 | 6 | - | - | - | - | - | - | - | - | - | - | - | 132 | |
| 78 | | - | - | 2 | 11 | 3 | 4 | - | - | - | - | - | - | - | - | - | - | 111 | |
| 81 | | - | - | - | 10 | 7 | 5 | - | - | - | - | - | - | - | - | - | - | 74 | |
| 84 | | - | - | - | 6 | 8 | 5 | 1 | - | - | - | - | - | - | 1 | - | - | 53 | |
| 87 | | - | - | - | 1 | 2 | 3 | 1 | - | - | - | - | - | - | 1 | - | - | 23 | |
| 90 | | - | - | - | 2 | 3 | 5 | - | - | 1 | 1 | - | - | - | - | - | - | 21 | |
| 93 | | - | - | - | - | - | 1 | - | - | - | - | - | - | - | 1 | - | - | 6 | |
| 96 | | - | - | - | - | - | 2 | - | - | 1 | - | - | - | - | - | - | - | 2 | |
| 99 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 102 | | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | 2 | |
| Total No. of Ages Read | | 19 | 1 | 10 | 100 | 29 | 28 | 2 | - | 3 | 1 | - | 3 | 196 | | | | | 1000 |
| Serial Numbers | 26 | No. of Age Samples | | | | | | | | | | | | | | | | | |
| X | Number of fish measured each month | | | | | | | | | | | | - | - | 418 | | | | |
| | Mean length of fish (cm) each month | | | | | | | | | | | | - | - | 72.5 | | | | |
| | Mean weight of fish (kg) each month | | | | | | | | | | | | - | - | - | | | | |
| | Total weight caught or landed (tons) each month | | | | | | | | | | | | - | - | 30 | | | | |
| | Estimated number caught or landed (whole numbers) each month | | | | | | | | | | | | - | - | 11227 | | | | |
| | Range of depths (m) each month | | | | | | | | | | | | - | - | - | | | | |
| Mesh size (mm) | | | | | | | | | | | | - | - | 110 | | | | | |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | Total |
|-------|-----|---|----|-----|-----|----|----|----|----|----|----|----|-------|
| Apr | - | - | - | - | - | - | - | - | - | - | - | - | - |
| May | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Jun | 131 | 8 | 56 | 572 | 116 | 97 | 6 | - | 4 | 2 | - | 8 | 1000 |

TABLE 36

AGE/LENGTH TABLE - COD - EAST GREENLAND¹ - 1965 (1st QUARTER)

| GEAR | | Otter Trawl (Commercial) | | | | | | | | | | | | | | |
|--------------------------------------|-----|--|----|----|----|----|----|----|----|----|----|------------------------|------------------------------|-----|-----|--|
| CATCHES OR LANDINGS | | Landings | | | | | | | | | | | | | | |
| COUNTRY | | Germany, Federal Republic | | | | | | | | | | | | | | |
| TONNAGE | | 500-900 | | | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Otoliths | | | | | | | | | | | | | | |
| Length Group (3 cm) | Age | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | Total No. of Ages Read | LENGTH COMPOSITION PER MILLE | | | |
| | | | | | | | | | | | | | Months Within Quarter | | | |
| | | | | | | | | | | | | | Jan | Feb | Mar | |
| 60 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | |
| 63 | - | 2 | - | - | - | - | - | - | - | - | - | 2 | 2 | - | - | |
| 66 | 3 | 1 | 1 | - | - | - | - | - | - | - | - | 5 | 5 | - | - | |
| 69 | 1 | 2 | - | 2 | - | - | - | - | - | - | - | 5 | 14 | - | - | |
| 72 | - | 8 | 3 | 3 | - | - | - | - | - | - | - | 14 | 19 | - | - | |
| 75 | - | 4 | 4 | 9 | - | - | - | - | - | - | - | 17 | 58 | - | - | |
| 78 | 2 | 6 | 3 | 14 | 1 | - | - | - | - | - | - | 26 | 140 | - | - | |
| 81 | - | 4 | 3 | 18 | 1 | - | - | - | - | - | - | 26 | 167 | - | - | |
| 84 | - | 1 | 1 | 17 | - | - | - | - | - | - | - | 19 | 187 | - | - | |
| 87 | - | 1 | 1 | 18 | - | - | - | - | - | - | - | 20 | 153 | - | - | |
| 90 | - | 4 | 1 | 8 | - | - | 1 | 1 | - | - | - | 15 | 121 | - | - | |
| 93 | - | - | - | 6 | - | - | 2 | - | - | - | - | 8 | 61 | - | - | |
| 96 | - | - | 1 | 2 | - | - | 2 | - | - | 1 | - | 6 | 49 | - | - | |
| 99 | - | - | - | 1 | - | - | 2 | - | 1 | - | - | 4 | 19 | - | - | |
| 102 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 105 | - | - | - | - | - | - | - | - | - | - | - | - | 4 | - | - | |
| Total No. of Ages Read | | 6 | 33 | 18 | 98 | 2 | - | 7 | 1 | 1 | 1 | 167 | 1000 | | | |
| Serial Numbers | 2 | No. of Age Samples | | | | | | | | | | | 1 | | | |
| X | | Number of fish measured each month | | | | | | | | | | | 388 | - | - | |
| | | Mean length of fish (cm) each month | | | | | | | | | | | 85.7 | - | - | |
| | | Mean weight of fish (kg) each month | | | | | | | | | | | - | - | - | |
| | | Total weight caught or landed (tons) each month | | | | | | | | | | | 111 | - | - | |
| | | Estimated number caught or landed (whole numbers) each month | | | | | | | | | | | 23189 | - | - | |
| | | Range of depths (m) each month | | | | | | | | | | | - | - | - | |
| | | Mesh size (mm) | | | | | | | | | | | 110 | - | - | |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | Total |
|-------|----|-----|----|-----|----|----|----|----|----|----|-------|
| Jan | 16 | 143 | 88 | 669 | 11 | - | 52 | 8 | 5 | 8 | 1000 |
| Feb | - | - | - | - | - | - | - | - | - | - | - |
| Mar | - | - | - | - | - | - | - | - | - | - | - |

¹ Dohrn Bank

TABLE 36
(cont'd)

AGE/LENGTH TABLE - COD - EAST GREENLAND¹ - 1965 (2nd QUARTER)

| GEAR | | Otter Trawl (Commercial) | | | | | | | | | | | | Total No. of Ages Read | LENGTH COMPOSITION PER MILLE | | |
|--------------------------------------|-----|--|---|----|----|----|----|----|----|----|----|----|----|------------------------|------------------------------|-------|-----|
| CATCHES OR LANDINGS | | Landings | | | | | | | | | | | | | Months Within Quarter | | |
| COUNTRY | | Germany, Federal Republic | | | | | | | | | | | | | | | |
| TONNAGE | | 500-900 | | | | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Otoliths | | | | | | | | | | | | | | | |
| Length Group (j cm) | Age | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | Total No. of Ages Read | PER MILLE | | |
| | | | | | | | | | | | | | | | Apr | May | Jun |
| 51 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 |
| 54 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 |
| 57 | | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 13 |
| 60 | | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 7 |
| 63 | | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 6 |
| 66 | | - | 2 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | 10 |
| 69 | | - | 4 | 2 | 5 | 1 | - | - | - | - | - | - | - | - | - | - | 39 |
| 72 | | - | 3 | 2 | 11 | 3 | 1 | - | - | - | - | - | - | - | - | - | 59 |
| 75 | | - | - | 1 | 4 | 3 | 3 | - | - | - | - | - | - | - | - | - | 56 |
| 78 | | - | - | 2 | 11 | 4 | 2 | 1 | - | 1 | - | - | - | - | - | - | 125 |
| 81 | | - | - | 2 | 5 | 4 | 10 | - | - | 1 | - | - | - | - | - | - | 156 |
| 84 | | - | - | - | 1 | 1 | 14 | - | - | - | - | - | - | - | - | - | 139 |
| 87 | | - | - | - | 3 | 1 | 10 | - | - | - | - | - | - | - | - | - | 153 |
| 90 | | - | - | - | - | 1 | 11 | - | - | - | - | 1 | - | - | - | - | 95 |
| 93 | | - | - | - | 1 | 1 | 7 | - | - | - | - | - | 1 | - | - | - | 76 |
| 96 | | - | - | - | - | - | 2 | - | - | - | - | - | 1 | - | - | - | 42 |
| 99 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 4 |
| 102 | | - | - | - | - | - | 1 | - | - | 1 | - | - | - | - | - | - | 9 |
| 105 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 4 |
| 108 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 111 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 114 | | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | 4 |
| Total No. of Ages Read | | 7 | 9 | 10 | 43 | 19 | 61 | 1 | - | 4 | - | 1 | 2 | 157 | X | | |
| Serial Numbers | 25 | No. of Age Samples | | | | | | | | | | | | 1 | X | | |
| X | | Number of fish measured each month | | | | | | | | | | | | - | - | 409 | |
| | | Mean length of fish (cm) each month | | | | | | | | | | | | - | - | 84.2 | |
| | | Mean weight of fish (kg) each month | | | | | | | | | | | | - | - | - | |
| | | Total weight caught or landed (tons) each month | | | | | | | | | | | | - | - | 77 | |
| | | Estimated number caught or landed (whole numbers) each month | | | | | | | | | | | | - | - | 17154 | |
| | | Range of depths (m) each month | | | | | | | | | | | | - | - | - | |
| | | Mesh size (mm) | | | | | | | | | | | | - | - | 110 | |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | Total |
|-------|----|----|----|-----|-----|-----|----|----|----|----|----|----|-------|
| Apr | - | - | - | - | - | - | - | - | - | - | - | - | - |
| May | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Jun | 24 | 27 | 49 | 224 | 114 | 501 | 10 | - | 23 | - | 7 | 21 | 1000 |

¹ Dohrn Bank

TABLE 36
(cont'd)AGE/LENGTH TABLE - COD - EAST GREENLAND¹ - 1965 (2nd QUARTER)

| GEAR | | Otter Trawl (Research) | | | | | | | | | | | | | | | | | | |
|--|-----|---------------------------|-----|---|---|---|---|---|----|----|----|----|----|----|--|------------------------------|-----|---------|---|---|
| CATCHES OR LANDINGS | | Catches | | | | | | | | | | | | | | | | | | |
| COUNTRY | | Germany, Federal Republic | | | | | | | | | | | | | | | | | | |
| TONNAGE | | 2000 | | | | | | | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Otoliths | | | | | | | | | | | | | | | | | | |
| Length Group (3 cm) | Age | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | Total No. of Ages Read | LENGTH COMPOSITION PER MILLE | | | | |
| | | | | | | | | | | | | | | | | Months Within Quarter | | | | |
| | | | | | | | | | | | | | | | Apr | May | Jun | | | |
| 39 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 8 | - | - | | |
| 42 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| 45 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| 48 | | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 8 | - | - | | |
| 51 | | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | 9 | - | - | | |
| 54 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| 57 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| 60 | | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 1 | 9 | - | - | | |
| 63 | | - | - | 2 | - | - | - | - | - | - | - | - | - | - | 2 | 17 | - | - | | |
| 66 | | - | - | - | 2 | 1 | - | - | - | - | - | - | - | - | 3 | 25 | - | - | | |
| 69 | | - | - | 1 | 1 | 5 | - | 1 | - | - | - | - | - | - | 8 | 68 | - | - | | |
| 72 | | - | - | - | 1 | 4 | 2 | - | - | - | - | - | - | - | 7 | 59 | - | - | | |
| 75 | | - | - | - | 1 | 7 | 2 | 1 | - | - | - | - | - | - | 11 | 102 | - | - | | |
| 78 | | - | - | - | 3 | 7 | 4 | 7 | - | - | - | - | - | - | 21 | 186 | - | - | | |
| 81 | | - | - | - | - | 3 | 3 | 6 | - | - | - | - | - | 1 | 13 | 144 | - | - | | |
| 84 | | - | - | - | - | 3 | 2 | 8 | 1 | - | - | - | - | - | 14 | 136 | - | - | | |
| 87 | | - | - | - | - | 1 | 1 | 7 | - | - | - | - | - | - | 9 | 93 | - | - | | |
| 90 | | - | - | - | - | 1 | 1 | 4 | - | - | 1 | - | - | - | 7 | 68 | - | - | | |
| 93 | | - | - | - | - | - | 1 | 2 | - | - | - | - | - | - | 3 | 34 | - | - | | |
| 96 | | - | - | - | - | - | - | 2 | - | - | - | - | - | - | 2 | 17 | - | - | | |
| 99 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| 102 | | - | - | - | - | - | - | - | - | 1 | 1 | - | - | - | 2 | 17 | - | - | | |
| Total No. of Ages Read | | | | | | | | | | | | | | | 105 | 1000 | | | | |
| Serial Numbers 209, 210, 211, 232, 233 | | | | | | | | | | | | | | | No. of Age Samples 5 | | | | | |
| X | | | | | | | | | | | | | | | Number of fish measured each month | | | 118 | - | - |
| | | | | | | | | | | | | | | | Mean length of fish (cm) each month | | | 80.8 | - | - |
| | | | | | | | | | | | | | | | Mean weight of fish (kg) each month | | | - | - | - |
| | | | | | | | | | | | | | | | Total weight caught or landed (tons) each month | | | - | - | - |
| | | | | | | | | | | | | | | | Estimated number caught or landed (whole numbers) each month | | | 118 | - | - |
| | | | | | | | | | | | | | | | Range of depths (m) each month | | | 325-371 | - | - |
| Mesh size (mm) | | | 110 | - | - | | | | | | | | | | | | | | | |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | Total |
|-------|---|----|----|----|-----|-----|-----|----|----|----|----|----|----|-------|
| Apr | 8 | 22 | 29 | 69 | 294 | 154 | 376 | 10 | - | 19 | 8 | - | 11 | 1000 |
| May | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Jun | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

¹ Gauss Bank

TABLE 36
(cont'd)AGE/LENGTH TABLE - COD - EAST GREENLAND¹ - 1965 (2nd QUARTER)

| GEAR | | Otter Trawl (Research) | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|-----|--|----|----|----|----|----|----|----|----|----|----|-----|----|-----------------------|------------------------|------------------------------|-----|-----|--|--|
| CATCHES OR LANDINGS | | Catches | | | | | | | | | | | | | | | | | | | |
| COUNTRY | | Germany, Federal Republic | | | | | | | | | | | | | | | | | | | |
| TONNAGE | | 2000 | | | | | | | | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Otoliths | | | | | | | | | | | | | | | | | | | |
| Length Group (3 cm) | Age | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | Total No. of Ages Read | LENGTH COMPOSITION PER MILLE | | | | |
| | | | | | | | | | | | | | | | Months Within Quarter | | | | | | |
| | | | | | | | | | | | | | Apr | | | May | | | Jun | | |
| 39 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - | - | | |
| 42 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| 45 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| 48 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - | - | | |
| 51 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 4 | - | - | | |
| 54 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - | - | | |
| 57 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - | - | | |
| 60 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| 63 | | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 4 | - | | |
| 66 | | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 9 | - | | |
| 69 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 4 | - | | |
| 72 | | 2 | 1 | 1 | - | - | - | 1 | - | - | - | - | - | - | - | - | 5 | 24 | - | | |
| 75 | | 1 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | 3 | 28 | - | | |
| 78 | | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 3 | 46 | - | | |
| 81 | | 1 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 4 | 70 | - | | |
| 84 | | 1 | 4 | 3 | 1 | - | 1 | - | - | - | - | - | 1 | - | - | - | 11 | 63 | - | | |
| 87 | | 3 | 2 | 3 | - | - | - | - | - | - | - | - | 1 | - | - | - | 9 | 83 | - | | |
| 90 | | - | 1 | 2 | - | - | - | - | 1 | - | - | - | - | - | - | - | 4 | 70 | - | | |
| 93 | | - | - | 6 | 1 | 2 | - | 2 | 1 | 2 | 1 | - | 2 | - | - | - | 17 | 124 | - | | |
| 96 | | - | - | 1 | - | 1 | 3 | 1 | 2 | 1 | - | - | - | - | - | - | 9 | 87 | - | | |
| 99 | | - | - | - | - | - | 11 | - | - | 1 | - | - | 1 | - | - | 1 | 14 | 107 | - | | |
| 102 | | - | - | - | - | - | 7 | 1 | 1 | 1 | - | - | 1 | - | - | - | 11 | 111 | - | | |
| 105 | | - | - | - | - | - | 1 | 2 | 1 | 3 | - | - | - | - | - | - | 7 | 56 | - | | |
| 108 | | - | - | - | - | - | 2 | 1 | - | 3 | - | - | - | - | - | 1 | 7 | 59 | - | | |
| 111 | | - | - | - | - | - | - | 1 | - | - | 1 | - | - | - | - | - | 2 | 22 | - | | |
| 114 | | - | - | - | - | - | - | - | 1 | - | - | - | - | - | 1 | - | 2 | 6 | - | | |
| 117 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 4 | - | | |
| 120 | | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | 1 | 11 | - | | |
| Total No. of Ages Read | | 11 | 13 | 17 | 3 | 3 | 25 | 10 | 7 | 11 | 2 | - | 6 | - | 3 | 111 | | | | | |
| Serial Numbers | | 213, 214, 218, 224, 227, 228, 229, 234, 235 | | | | | | | | | | | | | No. of Age Samples | | 9 | | | | |
| | | Number of fish measured each month | | | | | | | | | | | | | 460 | | | | | | |
| | | Mean length of fish (cm) each month | | | | | | | | | | | | | 94.1 | | | | | | |
| | | Mean weight of fish (kg) each month | | | | | | | | | | | | | - | | | | | | |
| | | Total weight caught or landed (tons) each month | | | | | | | | | | | | | 15 | | | | | | |
| | | Estimated number caught or landed (whole numbers) each month | | | | | | | | | | | | | 2411 | | | | | | |
| | | Range of depths (m) each month | | | | | | | | | | | | | 215-280 | | | | | | |
| | | Mesh size (mm) | | | | | | | | | | | | | 110 | | | | | | |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | Total |
|-------|-----|-----|-----|----|----|-----|----|----|----|----|----|----|----|----|-------|
| Apr | 104 | 137 | 157 | 21 | 23 | 215 | 90 | 64 | 93 | 18 | - | 48 | - | 18 | 1000 |
| May | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Jun | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

¹ Heimland Ridge

TABLE 36
(cont'd)AGE/LENGTH TABLE - COD - EAST GREENLAND¹ - 1965 (4th QUARTER)

| GEAR | | Otter Trawl (Commercial) | | | | | | | | | | | | | | Total No. of Ages Read | LENGTH COMPOSITION PER MILLE | | |
|--------------------------------------|-----|--|----|----|---|---|----|----|----|----|----|----|----|----|---------------------------------|---------------------------------|---------------------------------|-----|---|
| CATCHES OR LANDINGS | | Landings | | | | | | | | | | | | | | | Months Within Quarter | | |
| COUNTRY | | Germany, Federal Republic | | | | | | | | | | | | | | | | | |
| TONNAGE | | 500-900 | | | | | | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Otoliths | | | | | | | | | | | | | | | | | |
| Length Group (3 cm) | Age | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | Total No. of Ages Read | PER MILLE | | | |
| | | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | | Oct | Nov | Dec | |
| 48 | | 1 | 4 | - | - | - | - | - | - | - | - | - | - | - | 5 | - | 13 | - | |
| 51 | | - | 4 | 1 | - | - | - | - | - | - | - | - | - | - | 5 | - | 20 | - | |
| 54 | | - | 11 | - | - | - | - | - | - | - | - | - | - | - | 11 | - | 24 | - | |
| 57 | | - | 6 | 2 | - | - | - | - | - | - | - | - | - | - | 8 | - | 31 | - | |
| 60 | | - | 1 | 4 | - | - | - | - | - | - | - | - | - | - | 5 | - | 16 | - | |
| 63 | | - | - | 2 | - | 1 | - | - | - | - | - | - | - | - | 3 | - | 14 | - | |
| 66 | | - | - | 2 | - | - | - | - | - | - | - | - | - | - | 2 | - | 7 | - | |
| 69 | | - | - | 2 | - | - | 1 | - | - | - | - | - | - | - | 3 | - | 11 | - | |
| 72 | | - | - | 2 | 3 | 1 | 2 | - | - | - | - | - | - | - | 8 | - | 31 | - | |
| 75 | | - | - | 1 | 1 | 1 | 14 | 2 | 3 | - | - | - | - | - | 22 | - | 84 | - | |
| 78 | | - | - | - | - | - | 12 | 1 | 3 | - | - | - | - | - | 16 | - | 97 | - | |
| 81 | | - | - | - | - | 1 | 7 | 3 | 10 | - | 1 | - | - | - | 22 | - | 113 | - | |
| 84 | | - | - | - | - | - | 9 | 6 | 5 | - | - | 1 | - | - | 21 | - | 155 | - | |
| 87 | | - | - | - | - | 1 | 3 | 1 | 13 | - | - | - | - | - | 18 | - | 131 | - | |
| 90 | | - | - | - | - | - | 1 | 1 | 4 | 2 | - | 1 | - | - | 9 | - | 81 | - | |
| 93 | | - | - | - | - | - | - | - | 12 | - | - | - | - | - | 12 | - | 81 | - | |
| 96 | | - | - | - | - | - | 1 | - | 1 | - | - | - | - | 1 | 3 | - | 50 | - | |
| 99 | | - | - | - | - | - | 1 | - | 2 | 1 | - | - | - | - | 4 | - | 25 | - | |
| 102 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 8 | - | |
| 105 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 4 | - | |
| 108 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 4 | - | |
| Total No. of Ages Read | | 1 | 26 | 16 | 4 | 5 | 51 | 14 | 53 | 3 | 1 | 2 | - | 1 | 177 | | | | |
| Serial Numbers | | 35 | | | | | | | | | | | | | | No. of Age Samples | | | 1 |
| X | | Number of fish measured each month | | | | | | | | | | | | | | - | 408 | - | |
| | | Mean length of fish (cm) each month | | | | | | | | | | | | | | - | 82.7 | - | |
| | | Mean weight of fish (kg) each month | | | | | | | | | | | | | | - | - | - | |
| | | Total weight caught or landed (tons) each month | | | | | | | | | | | | | | - | 64 | - | |
| | | Estimated number caught or landed (whole numbers) each month | | | | | | | | | | | | | | - | 27524 | - | |
| | | Range of depths (m) each month | | | | | | | | | | | | | | - | - | - | |
| | | Mesh size (mm) | | | | | | | | | | | | | | - | 110 | - | |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | Total |
|-------|---|----|----|----|----|-----|----|-----|----|----|----|----|----|-------|
| Oct | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Nov | 3 | 76 | 60 | 16 | 24 | 295 | 89 | 370 | 26 | 5 | 20 | - | 16 | 1000 |
| Dec | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

¹ Dohrn Bank

| GEAR | | Otter Trawl (Commercial) | | | | | | | | | | | | | |
|--------------------------------------|-----|--|----|----|----|----|----|----|----|----|-----|---|---------------------------------|---------|-----|
| CATCHES OR LANDINGS | | Catches Before Discarding | | | | | | | | | | | | | |
| COUNTRY | | Portugal | | | | | | | | | | | | | |
| TONNAGE | | 1264.06 | | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Otoliths | | | | | | | | | | | | | |
| Length Group (3 cm) | Age | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | Total No. of Ages Read | LENGTH COMPOSITION PER MILLE | | |
| | | | | | | | | | | | | | Months Within Quarter | | |
| | | | | | | | | | | | Jan | Feb | Mar | | |
| 27 | | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 |
| 30 | | - | - | - | - | - | - | - | - | - | - | - | - | - | 5 |
| 33 | | - | - | - | - | - | - | - | - | - | - | - | - | - | 10 |
| 36 | | 3 | - | - | - | - | - | - | - | - | - | 3 | - | - | 29 |
| 39 | | 1 | 2 | 2 | - | - | - | - | - | - | - | 5 | - | - | 43 |
| 42 | | 1 | 5 | 6 | 1 | - | - | - | - | - | - | 13 | - | - | 144 |
| 45 | | - | 9 | 14 | 7 | - | - | - | - | - | - | 30 | - | - | 165 |
| 48 | | - | 5 | 14 | 18 | 2 | - | - | - | - | - | 39 | - | - | 192 |
| 51 | | - | - | 8 | 22 | 5 | 2 | - | - | - | - | 37 | - | - | 80 |
| 54 | | - | 1 | 6 | 16 | 10 | 1 | - | - | - | 2 | 36 | - | - | 110 |
| 57 | | - | 2 | 1 | 9 | 4 | 1 | - | 1 | - | - | 18 | - | - | 80 |
| 60 | | - | - | 2 | 9 | 6 | 2 | 2 | - | - | - | 21 | - | - | 69 |
| 63 | | - | - | - | 5 | 5 | 1 | 2 | - | - | - | 13 | - | - | 43 |
| 66 | | - | - | - | 2 | 3 | 1 | - | - | - | - | 6 | - | - | 18 |
| 69 | | - | - | - | 1 | - | 1 | 1 | - | - | - | 3 | - | - | 6 |
| 72 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 75 | | - | - | - | - | - | 1 | - | - | - | - | 1 | - | - | 5 |
| Total No. of Ages Read | | 5 | 24 | 53 | 90 | 35 | 9 | 6 | 1 | - | 2 | 225 | 1001 | | |
| Serial Numbers 5-7 (only lengths) | | | | | | | | | | | | No. of Age Samples 4-6-8 (with lengths) | | | |
| X | | Number of fish measured each month | | | | | | | | | | - | - | 625 | |
| | | Mean length of fish (cm) each month | | | | | | | | | | - | - | 50.3 | |
| | | Mean weight of fish (kg) each month | | | | | | | | | | - | - | - | |
| | | Total weight caught or landed (tons) each month | | | | | | | | | | - | - | 7633 | |
| | | Estimated number caught or landed (whole numbers) each month | | | | | | | | | | - | - | - | |
| | | Range of depths (m) each month | | | | | | | | | | - | - | 240-400 | |
| | | Mesh size (mm) | | | | | | | | | | - | - | 114 | |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | Total |
|-------|------|-------|-------|-------|-------|------|------|-----|----|-----|-------|
| Jan | - | - | - | - | - | - | - | - | - | - | - |
| Feb | - | - | - | - | - | - | - | - | - | - | - |
| Mar | 48.7 | 158.6 | 276.2 | 328.8 | 114.3 | 26.7 | 20.2 | 4.5 | - | 6.1 | 984.1 |

TABLE 38

AGE/LENGTH TABLE - COD - 2J - 1965 (1st QUARTER)

| GEAR | | Otter Trawl (Commercial) | | | | | | | | | | | | |
|--------------------------------------|--|---------------------------|----|----|----|---|---|----|----|------------------------|------------------------------|-----|---------|-----|
| CATCHES OR LANDINGS | | Catches Before Discarding | | | | | | | | | | | | |
| COUNTRY | | Portugal | | | | | | | | | | | | |
| TONNAGE | | 1264.06 | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Otoliths | | | | | | | | | | | | |
| Length Group (3 cm) | Age | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Total No. of Ages Read | LENGTH COMPOSITION PER MILLE | | | |
| | | | | | | | | | | | Months Within Quarter | Jan | Feb | Mar |
| 33 | | - | 1 | - | - | - | - | - | - | 1 | - | - | 6 | |
| 36 | | 1 | 2 | - | - | - | - | - | - | 3 | - | - | 17 | |
| 39 | | 1 | 3 | 3 | - | - | - | - | - | 7 | - | - | 57 | |
| 42 | | - | 1 | 9 | 2 | - | - | - | - | 12 | - | - | 97 | |
| 45 | | - | 3 | 13 | 7 | - | - | - | - | 23 | - | - | 189 | |
| 48 | | - | 1 | 8 | 9 | - | 1 | - | - | 19 | - | - | 217 | |
| 51 | | - | - | 5 | 2 | - | - | - | - | 7 | - | - | 126 | |
| 54 | | - | - | 1 | 6 | 1 | - | - | - | 8 | - | - | 86 | |
| 57 | | - | - | - | 3 | 1 | 2 | - | - | 6 | - | - | 51 | |
| 60 | | - | - | 1 | 4 | 3 | 1 | - | - | 9 | - | - | 80 | |
| 63 | | - | - | - | 1 | 1 | - | 1 | - | 3 | - | - | 34 | |
| 66 | | - | - | - | - | 2 | - | - | - | 2 | - | - | 23 | |
| 69 | | - | - | - | - | - | - | - | - | - | - | - | 17 | |
| | | | | | | | | | | | - | - | 1000 | |
| Total No. of Ages Read | | 2 | 11 | 40 | 34 | 8 | 4 | 1 | - | 100 | X | | | |
| Serial Numbers | 2 (only lengths) | | | | | | | | | | No. of Age Samples | 1-3 | X | |
| X | Number of fish measured each month | | | | | | | | | | - | - | 175 | |
| | Mean length of fish (cm) each month | | | | | | | | | | - | - | 50.6 | |
| | Mean weight of fish (kg) each month | | | | | | | | | | - | - | - | |
| | Total weight caught or landed (tons) each month | | | | | | | | | | - | - | 6248 | |
| | Estimated number caught or landed (whole numbers) each month | | | | | | | | | | - | - | - | |
| | Range of depths (m) each month | | | | | | | | | | - | - | 290-420 | |
| | Mesh size (mm) | | | | | | | | | | - | - | 114 | |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Total |
|-------|------|------|-------|-------|------|------|------|----|-------|
| Jan | - | - | - | - | - | - | - | - | - |
| Feb | - | - | - | - | - | - | - | - | - |
| Mar | 13.8 | 85.9 | 405.0 | 349.4 | 80.3 | 37.3 | 11.3 | - | 983.0 |

TABLE 38
(cont'd)

AGE/LENGTH TABLE - COD - 2J - 1965 (2nd QUARTER)

| GEAR | | Otter Trawl (Commercial) | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---------------------------------|---------------------------|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|--|------------------------------|---------|---------|--|--|--|
| CATCHES OR LANDINGS | | Catches before discarding | | | | | | | | | | | | | | | | | | | | | | | | | |
| COUNTRY | | Portugal | | | | | | | | | | | | | | | | | | | | | | | | | |
| TONNAGE | | 1264.06 | | | | | | | | | | | | | | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Otoliths | | | | | | | | | | | | | | | | | | | | | | | | | |
| Length Group (3 cm) | Age | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 23 | Total No. of Ages Read | LENGTH COMPOSITION PER MILLE | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | Months Within Quarter | | | | | |
| | | | | | | | | | | | | | | | | | | | | Apr | May | Jun | | | | | |
| 24 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | 1 | - | 1 | | | |
| 27 | 3 | 6 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 10 | 2 | 3 | 5 | | | |
| 30 | 1 | 8 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 10 | 1 | 5 | 6 | | | |
| 33 | - | 6 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 10 | 10 | 11 | 15 | | | |
| 36 | - | 3 | 6 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 10 | 16 | 19 | 36 | | | |
| 39 | - | - | 5 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 10 | 36 | 40 | 55 | | | |
| 42 | - | 1 | 2 | 11 | 5 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 20 | 99 | 73 | 96 | | | |
| 45 | - | - | - | 8 | 7 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 20 | 134 | 129 | 124 | | | |
| 48 | - | - | - | 6 | 4 | 8 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | 20 | 145 | 156 | 145 | | | |
| 51 | - | - | - | 1 | 8 | 6 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | 20 | 136 | 152 | 134 | | | |
| 54 | - | - | - | 2 | 2 | 8 | 5 | 1 | 1 | - | - | 1 | - | - | - | - | - | - | - | - | 20 | 121 | 132 | 127 | | | |
| 57 | - | - | - | - | 2 | 7 | 7 | 3 | - | 1 | - | - | - | - | - | - | - | - | - | - | 20 | 85 | 107 | 75 | | | |
| 60 | - | - | - | - | - | 9 | 4 | 2 | 4 | - | 1 | - | - | - | - | - | - | - | - | - | 20 | 76 | 86 | 100 | | | |
| 63 | - | - | - | - | - | 2 | 1 | 1 | - | 1 | 1 | 2 | 1 | 1 | - | - | - | - | - | - | 10 | 46 | 43 | 35 | | | |
| 66 | - | - | - | - | - | - | 4 | 1 | 1 | - | 1 | - | 2 | - | - | 1 | - | - | - | - | 10 | 36 | 19 | 27 | | | |
| 69 | - | - | - | - | - | 1 | 1 | 3 | 1 | 1 | - | 1 | 1 | 1 | - | - | - | - | - | - | 10 | 26 | 10 | 10 | | | |
| 72 | - | - | - | - | - | - | 1 | 2 | 2 | 1 | - | 2 | 1 | - | - | 1 | - | - | - | - | 10 | 12 | 6 | 4 | | | |
| 75 | - | - | - | - | - | - | 1 | - | 1 | 2 | 2 | 2 | - | 1 | 1 | - | - | - | - | - | 10 | 5 | 5 | 2 | | | |
| 78 | - | - | - | - | - | - | - | - | - | - | - | 1 | - | 1 | 3 | 1 | 1 | 1 | - | - | 8 | 5 | 2 | 1 | | | |
| 81 | - | - | - | - | - | - | - | - | 1 | - | - | 1 | - | - | 2 | - | 1 | 1 | - | - | 6 | 3 | 1 | 1 | | | |
| 84 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | 1 | - | - | - | 2 | 1 | - | 1 | | | |
| 87 | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - | - | - | - | - | - | - | 1 | 4 | 2 | - | - | | | |
| 90 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | |
| 93 | - | - | - | - | - | - | - | - | - | - | 1 | - | 1 | - | - | - | - | - | - | - | - | 1 | - | - | | | |
| 96 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | 1 | 1 | - | - | | | |
| Total No. of Ages Read | 4 | 26 | 18 | 34 | 29 | 47 | 31 | 14 | 10 | 8 | 8 | 9 | 7 | 8 | 4 | 3 | 3 | 1 | 1 | 1 | 265 | 1000 | 999 | 1000 | | | |
| Serial Numbers ¹ | No. of Age Samples ² | | | | | | | | | | | | | | | | | | | | | | | | | | |
| X | | | | | | | | | | | | | | | | | | | | | Number of fish measured each month | 2425 | 2900 | 1300 | | | |
| | | | | | | | | | | | | | | | | | | | | | Mean length of fish (cm) each month | 52.8 | 52.1 | 51.2 | | | |
| | | | | | | | | | | | | | | | | | | | | | Mean weight of fish (kg) each month | - | - | - | | | |
| | | | | | | | | | | | | | | | | | | | | | Total weight caught or landed (tons) each month | 20558 | 11757 | 3043 | | | |
| | | | | | | | | | | | | | | | | | | | | | Estimated number caught or landed (whole numbers) each month | - | - | - | | | |
| | | | | | | | | | | | | | | | | | | | | | Range of depths (m) each month | 250-370 | 170-400 | 195-290 | | | |
| Mesh size (mm) | 114 | 114 | 114 | | | | | | | | | | | | | | | | | | | | | | | | |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 23 | Total |
|-------|---|----|----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|-------|
| Apr | 1 | 19 | 42 | 188 | 177 | 261 | 147 | 45 | 30 | 15 | 15 | 21 | 17 | 11 | 2 | 5 | 2 | 1 | 1 | 1000 |
| May | 1 | 22 | 43 | 180 | 181 | 283 | 155 | 42 | 28 | 13 | 12 | 18 | 10 | 7 | 1 | 3 | 0 | 0 | - | 999 |
| Jun | 2 | 33 | 65 | 193 | 174 | 264 | 142 | 38 | 31 | 9 | 12 | 16 | 10 | 6 | 1 | 3 | 1 | 0 | - | 1000 |

¹ 12-16-19-24-26-34-39-45-48 only lengths² 10-11-13-14-15-17-18-20-21-22-23-25-27-28-29-30-35-37-38-40-41-42-43-44-46-47-49

TABLE 39

AGE/LENGTH TABLE - COD - 3K - 1965 (3rd QUARTER)

| GEAR | | Otter Trawl (Commercial) | | | | | | | | | | | | | Total No. of Ages Read | LENGTH COMPOSITION PER MILLE | | | | |
|--|-----|---------------------------|----|----|----|----|----|----|----|----|----|----|----|----|------------------------|------------------------------|---------------------------------|-----------------------|-----|-----|
| CATCHES OR LANDINGS | | Catches before discarding | | | | | | | | | | | | | | Months Within Quarter | | | | |
| COUNTRY | | Portugal | | | | | | | | | | | | | | | | | | |
| TONNAGE | | 1264.06 | | | | | | | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Otoliths | | | | | | | | | | | | | | | | | | |
| Length Group (3 cm) | Age | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | Total No. of Ages Read | Months Within Quarter | | |
| | | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | | Jul | Aug | Sep |
| 18 | | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - | 1 | - |
| 21 | | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 4 | 1 | 2 | - |
| 24 | | - | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | 4 | 1 | 3 | - |
| 27 | | - | 7 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | 10 | 1 | 8 | - |
| 30 | | - | 7 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | - | 11 | 4 | 14 | - |
| 33 | | - | 9 | 9 | 2 | - | - | - | - | - | - | - | - | - | - | - | 20 | 10 | 23 | - |
| 36 | | 1 | 3 | 15 | 1 | - | - | - | - | - | - | - | - | - | - | - | 20 | 21 | 28 | - |
| 39 | | - | 2 | 15 | 3 | - | - | - | - | - | - | - | - | - | - | - | 20 | 30 | 53 | - |
| 42 | | - | 1 | 10 | 8 | 1 | - | - | - | - | - | - | - | - | - | - | 20 | 39 | 91 | - |
| 45 | | - | - | 3 | 14 | 3 | - | - | - | - | - | - | - | - | - | - | 20 | 53 | 96 | - |
| 48 | | - | - | 1 | 10 | 8 | 1 | - | - | - | - | - | - | - | - | - | 20 | 83 | 119 | - |
| 51 | | - | - | - | 4 | 14 | 2 | - | - | - | - | - | - | - | - | - | 20 | 98 | 125 | - |
| 54 | | - | - | - | - | 12 | 5 | 3 | - | - | - | - | - | - | - | - | 20 | 113 | 103 | - |
| 57 | | - | - | - | 2 | 3 | 12 | 3 | - | - | - | - | - | - | - | - | 20 | 87 | 85 | - |
| 60 | | - | - | - | - | 5 | 10 | 5 | - | - | - | - | - | - | - | - | 20 | 96 | 70 | - |
| 63 | | - | - | - | - | 1 | 9 | 8 | 2 | - | - | - | - | - | - | - | 20 | 96 | 71 | - |
| 66 | | - | - | - | - | 1 | 2 | 10 | 6 | - | - | 1 | - | - | - | - | 20 | 86 | 49 | - |
| 69 | | - | - | - | - | - | 1 | 11 | 4 | 4 | - | - | - | - | - | - | 20 | 53 | 29 | - |
| 72 | | - | - | - | - | - | - | 6 | 4 | 2 | 2 | - | - | - | - | 1 | 15 | 21 | 13 | - |
| 75 | | - | - | - | - | - | 1 | - | 3 | 1 | - | 1 | 2 | 1 | - | - | 9 | 25 | 5 | - |
| 78 | | - | - | - | - | - | 1 | 1 | - | - | - | - | - | 2 | 1 | - | 5 | 19 | 8 | - |
| 81 | | - | - | - | - | - | - | - | - | 2 | - | 1 | 1 | 1 | - | - | 5 | 25 | 3 | - |
| 84 | | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | 1 | 18 | 1 | - |
| 87 | | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | 1 | 15 | - | - |
| | | | | | | | | | | | | | | | | | 995 | 1000 | - | |
| Total No. of Ages Read | | 7 | 33 | 59 | 45 | 48 | 44 | 47 | 19 | 9 | 2 | 3 | 4 | 4 | 2 | 1 | 327 | | | |
| Serial Numbers 37-41-44-49-51-57 (lengths only) | | | | | | | | | | | | | | | | | No. of Age Samples ¹ | | | |
| Number of fish measured each month | | | | | | | | | | | | | | | | | 675 | 2400 | - | |
| Mean length of fish (cm) each month | | | | | | | | | | | | | | | | | 58.7 | 52.4 | - | |
| Mean weight of fish (kg) each month | | | | | | | | | | | | | | | | | - | - | - | |
| Total weight caught or landed (tons) each month | | | | | | | | | | | | | | | | | 1262 | 6299 | - | |
| Estimated number caught or landed (whole numbers) each month | | | | | | | | | | | | | | | | | - | - | - | |
| Range of depths (m) each month | | | | | | | | | | | | | | | | | 185-275 | 160-290 | - | |
| Mesh size (mm) | | | | | | | | | | | | | | | | | 114 | 114 | - | |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | Total |
|-------|---|----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|-------|
| Jul | 2 | 17 | 76 | 129 | 226 | 203 | 177 | 60 | 26 | 3 | 12 | 29 | 15 | 19 | 1 | 995 |
| Aug | 4 | 42 | 143 | 209 | 252 | 171 | 121 | 33 | 9 | 2 | 3 | 3 | 4 | 2 | 1 | 999 |
| Sep | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

¹ 36-38-39-40-42-43-45-46-47-48-50-52-53-54-55-56 (ages with lengths)

| GEAR | | Otter Trawl (Commercial) | | | | | | | | | | | | | | | | | | | | | | | | Total | LENGTH COMPOSITION | | |
|--------------------------------------|-----|--|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|------|---|----|--------|-----------------------|---------|--|
| CATCHES OR LANDINGS | | Catches before discarding | | | | | | | | | | | | | | | | | | | | | | | | No. of | PER MILLE | | |
| COUNTRY | | Portugal | | | | | | | | | | | | | | | | | | | | | | | | Ages | Months Within Quarter | | |
| TONNAGE | | 1264.06 | | | | | | | | | | | | | | | | | | | | | | | | Read | Apr May Jun | | |
| STRUCTURES USED IN AGE DETERMINATION | | Otoliths | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Length Group (3 cm) | Age | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 21 | 22 | 24 | Total | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | No. of | | | |
| 21 | | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | 1 | | | | |
| 24 | | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | 1 | | | | |
| 27 | | 1 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 5 | - | - | 6 | | | | |
| 30 | | 2 | 4 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 8 | - | - | 9 | | | | |
| 33 | | - | 4 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 7 | - | - | 9 | | | | |
| 36 | | - | 2 | 3 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 9 | - | - | 20 | | | | |
| 39 | | - | 3 | 12 | 7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 22 | - | - | 38 | | | | |
| 42 | | 1 | - | 13 | 11 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 28 | - | - | 42 | | | | |
| 45 | | - | 2 | 12 | 15 | 4 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 34 | - | - | 50 | | | | |
| 48 | | - | - | 1 | 18 | 11 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 31 | - | - | 51 | | | | |
| 51 | | - | - | 2 | 6 | 19 | 4 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 34 | - | - | 90 | | | | |
| 54 | | - | - | - | 4 | 11 | 14 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | 32 | - | - | 81 | | | | |
| 57 | | - | - | - | 3 | 9 | 14 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 30 | - | - | 58 | | | | |
| 60 | | - | - | - | 1 | 5 | 15 | 9 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 31 | - | - | 60 | | | | |
| 63 | | - | - | - | - | 6 | 16 | 5 | 5 | 1 | - | - | - | - | - | - | - | - | - | - | - | 33 | - | - | 73 | | | | |
| 66 | | - | - | - | 1 | 2 | 8 | 7 | - | 3 | 1 | - | 1 | - | - | - | - | - | - | - | - | 23 | - | - | 36 | | | | |
| 69 | | - | - | - | - | - | 9 | 6 | 6 | 4 | 1 | - | - | - | - | - | - | - | - | - | - | 26 | - | - | 52 | | | | |
| 72 | | - | - | - | - | - | 5 | 5 | 4 | 4 | - | 2 | - | 1 | - | - | - | - | - | - | - | 21 | - | - | 45 | | | | |
| 75 | | - | - | - | - | - | 1 | 3 | 2 | 4 | 1 | - | 2 | - | 1 | - | - | 1 | - | - | - | 15 | - | - | 22 | | | | |
| 78 | | - | - | - | - | - | 1 | 2 | 2 | 3 | 2 | 3 | 1 | - | - | - | - | - | - | - | - | 14 | - | - | 28 | | | | |
| 81 | | - | - | - | - | - | - | 3 | 4 | 2 | 1 | 3 | - | - | - | - | - | - | - | - | - | 13 | - | - | 22 | | | | |
| 84 | | - | - | - | - | - | - | 2 | 1 | 1 | 3 | - | 1 | - | - | - | - | - | - | - | - | 8 | - | - | 22 | | | | |
| 87 | | - | - | - | - | - | - | 1 | 3 | 1 | - | - | 1 | - | - | - | - | - | - | - | - | 6 | - | - | 9 | | | | |
| 90 | | - | - | - | - | - | - | 1 | 4 | 2 | 4 | 1 | - | 1 | - | - | - | - | - | - | - | 13 | - | - | 21 | | | | |
| 93 | | - | - | - | - | - | - | - | 1 | 1 | 1 | 2 | 1 | 1 | - | - | - | - | - | - | - | 7 | - | - | 27 | | | | |
| 96 | | - | - | - | - | - | - | - | 2 | 1 | 1 | 1 | 1 | 1 | - | - | - | - | - | - | - | 6 | - | - | 14 | | | | |
| 99 | | - | - | - | - | - | - | - | - | - | - | 2 | - | - | - | 2 | 1 | - | - | - | - | 5 | - | - | 33 | | | | |
| 102 | | - | - | - | - | - | - | - | 1 | - | - | - | 1 | 1 | 1 | 1 | 1 | - | - | - | - | 6 | - | - | 29 | | | | |
| 105 | | - | - | - | - | - | - | - | - | 1 | - | 1 | - | 2 | - | 1 | - | - | - | - | 1 | 6 | - | - | 20 | | | | |
| 108 | | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - | - | - | 1 | - | - | - | 3 | - | - | 10 | | | | |
| 111 | | - | - | - | - | - | - | - | - | - | - | - | 1 | - | 1 | - | - | - | - | - | - | 2 | - | - | 4 | | | | |
| 114 | | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | 1 | - | - | - | - | - | 2 | - | - | 7 | | | | |
| 117 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | 1 | - | - | 6 | | | | |
| 120 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 3 | | | | |
| 123 | | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | 1 | 2 | - | - | 2 | | | | |
| 132 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | | | | |
| Total No. of Ages Read | | 4 | 21 | 48 | 70 | 70 | 89 | 45 | 29 | 33 | 15 | 15 | 16 | 7 | 7 | 4 | 4 | 4 | 2 | 1 | 1 | 485 | 1002 | | | | | | |
| Serial Numbers 6 (only lengths) | | No. of Age Samples ¹ | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Number of fish measured each month | | | | | | | | | | | | | | | | | | | | | | | | - | - | 1050 | |
| | | Mean length of fish (cm) each month | | | | | | | | | | | | | | | | | | | | | | | | - | - | 66.0 | |
| | | Mean weight of fish (kg) each month | | | | | | | | | | | | | | | | | | | | | | | | - | - | - | |
| | | Total weight caught or landed (tons) each month | | | | | | | | | | | | | | | | | | | | | | | | - | - | 2252 | |
| | | Estimated number caught or landed (whole numbers) each month | | | | | | | | | | | | | | | | | | | | | | | | - | - | - | |
| | | Range of depths (m) each month | | | | | | | | | | | | | | | | | | | | | | | | - | - | 150-230 | |
| | | Mesh size (mm) | | | | | | | | | | | | | | | | | | | | | | | | - | - | 114 | |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 21 | 22 | 24 | Total |
|-------|---|----|----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|
| Apr | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| May | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Jun | 5 | 29 | 78 | 124 | 151 | 185 | 89 | 59 | 64 | 32 | 33 | 47 | 20 | 18 | 14 | 22 | 16 | 9 | 1 | 3 | 999 |

¹ with lengths: 2-3-4-5-7-8-9-12-13

TABLE 40
(cont'd)

AGE/LENGTH TABLE - COD - 3L - 1965 (3rd QUARTER)

| GEAR | | Otter Trawl (Commercial) | | | | | | | | | | | | | | | | | | | | | | | Total No. of Ages Read | LENGTH COMPOSITION PER MILLE | | |
|--|-----|--|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|----|---------------------------------|-----------------------|------|---------------------------------|---------------------------------|--|--|
| CATCHES OR LANDINGS | | Catches before discarding | | | | | | | | | | | | | | | | | | | | | | | | Months Within Quarter | | |
| COUNTRY | | Portugal | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TONNAGE | | 1264.06 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Otoliths | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Length Group (3 cm) | Age | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 22 | 23 | Total No. of Ages Read | Months Within Quarter | | | | | |
| | | Jul | Aug | Sep | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | | | |
| 21 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 3 | 1 | - | - | | | |
| 24 | 4 | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 10 | 4 | - | - | | | |
| 27 | 1 | 9 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 10 | 10 | - | - | | | |
| 30 | - | 8 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 10 | 11 | - | - | | | |
| 33 | - | 8 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 10 | 18 | - | - | | | |
| 36 | - | 6 | 14 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 20 | 37 | - | - | | | |
| 39 | - | 2 | 15 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 20 | 55 | - | 10 | | | |
| 42 | - | 1 | 14 | 4 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 20 | 79 | - | 10 | | | |
| 45 | - | - | 6 | 12 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 20 | 82 | - | 60 | | | |
| 48 | - | - | 2 | 11 | 7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 20 | 110 | - | 50 | | | |
| 51 | - | - | - | 10 | 6 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 20 | 100 | - | 70 | | | |
| 54 | - | - | - | 2 | 5 | 8 | 4 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 20 | 98 | - | 80 | | | |
| 57 | - | - | - | - | 6 | 11 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 20 | 69 | - | 100 | | | |
| 60 | - | - | - | 3 | 4 | 8 | 4 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 20 | 84 | - | 170 | | | |
| 63 | - | - | - | - | 3 | 11 | 5 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 20 | 67 | - | 130 | | | |
| 66 | - | - | - | - | 2 | 9 | 6 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 20 | 44 | - | 130 | | | |
| 69 | - | - | - | - | 2 | 9 | 5 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 20 | 41 | - | 20 | | | |
| 72 | - | - | - | - | - | 8 | 4 | 5 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | 20 | 16 | - | 40 | | | |
| 75 | - | - | - | - | - | - | 2 | 5 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | 10 | 12 | - | 30 | | | |
| 78 | - | - | - | - | - | - | 1 | 2 | 6 | 1 | - | - | - | - | - | - | - | - | - | - | - | 10 | 11 | - | 20 | | | |
| 81 | - | - | - | - | - | - | - | 1 | 4 | 4 | - | 1 | 1 | - | - | - | - | - | - | - | - | 11 | 9 | - | 40 | | | |
| 84 | - | - | - | - | - | - | - | - | 2 | 4 | - | 4 | - | - | - | - | - | - | - | - | - | 10 | 7 | - | 10 | | | |
| 87 | - | - | - | - | - | - | 1 | 1 | 4 | 3 | 1 | - | - | - | - | - | - | - | - | - | - | 10 | 9 | - | 30 | | | |
| 90 | - | - | - | - | - | - | - | - | 3 | - | - | 1 | 1 | - | - | - | - | - | - | - | - | 5 | 3 | - | - | | | |
| 93 | - | - | - | - | - | - | - | - | 1 | 1 | - | - | 3 | 1 | - | - | - | - | - | - | - | 6 | 5 | - | - | | | |
| 96 | - | - | - | - | - | - | - | - | - | - | 1 | 3 | 1 | - | - | - | - | - | - | - | - | 5 | 5 | - | - | | | |
| 99 | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | 1 | - | - | - | - | - | - | 3 | 5 | - | - | | | |
| 102 | - | - | - | - | - | - | - | - | - | - | - | 1 | - | 1 | 2 | - | 1 | - | 1 | - | 1 | 6 | 4 | - | - | | | |
| 105 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | 1 | - | 1 | - | - | - | - | 3 | 2 | - | - | | | |
| 108 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | 1 | 1 | - | - | | | |
| 111 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - | - | - | 2 | 1 | - | - | | | |
| 114 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | |
| 117 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | |
| 120 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - | - | | | |
| Total No. of Ages Read | | 8 | 41 | 55 | 45 | 38 | 68 | 35 | 22 | 27 | 14 | 2 | 10 | 8 | 3 | 3 | 3 | 2 | 1 | 1 | 1 | 387 | 1000 - 1000 | | | | | |
| Serial Numbers 14-18-27-31-34 (only lengths) | | No. of Age Samples ¹ | | | | | | | | | | | | | | | | | | | | | | | | | | |
| X | | Number of fish measured each month | | | | | | | | | | | | | | | | | | | | 3350 | - | 100 | | | | |
| | | Mean length of fish (cm) each month | | | | | | | | | | | | | | | | | | | | 55.0 | - | 62.2 | | | | |
| | | Mean weight of fish (kg) each month | | | | | | | | | | | | | | | | | | | | - | - | - | | | | |
| | | Total weight caught or landed (tons) each month | | | | | | | | | | | | | | | | | | | | 5285 | - | 2692 | | | | |
| | | Estimated number caught or landed (whole numbers) each month | | | | | | | | | | | | | | | | | | | | - | - | - | | | | |
| | | Range of depths (m) each month | | | | | | | | | | | | | | | | | | | | 170-340 | - | 150 | | | | |
| Mesh size (mm) | | | | | | | | | | | | | | | | | | | | 114 | - | 114 | | | | | | |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 22 | 23 | Total | |
|-------|---|----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|---|
| Jul | 3 | 56 | 164 | 206 | 161 | 212 | 95 | 37 | 27 | 12 | 2 | 8 | 7 | 4 | 3 | 2 | 1 | 1 | - | 1 | 1002 | |
| Aug | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Sep | - | 2 | 38 | 136 | 164 | 324 | 160 | 71 | 61 | 32 | 3 | 8 | 4 | - | - | - | - | - | - | - | 1003 | |

¹ 15-16-17-19-21-22-23-24-25-26-28-29-30-32-33-35 (also with lengths)

TABLE 42

AGE/LENGTH TABLE - COD - 3N - 1965 (2nd QUARTER)

| GEAR | | Otter Trawl (Commercial) | | | | | | | | | | | | | Total No. of Ages Read | LENGTH COMPOSITION PER MILLE | | |
|--------------------------------------|-----|--|----|----|----|----|---|---|----|----|----|----|----|----|---------------------------------|---------------------------------|---------|-----|
| CATCHES OR LANDINGS | | Catches before discarding | | | | | | | | | | | | | | Months Within Quarter | | |
| COUNTRY | | Portugal | | | | | | | | | | | | | Apr | May | Jun | |
| TONNAGE | | 1,264.06 | | | | | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Otoliths | | | | | | | | | | | | | | | | |
| Length Group (3 cm) | Age | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | | | |
| | | PER MILLE | | | | | | | | | | | | | | | | |
| 27 | | 2 | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - | - | 8 |
| 30 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 33 | | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | 3 | - | - | 12 |
| 36 | | - | 6 | - | - | - | - | - | - | - | - | - | - | - | 6 | - | - | 56 |
| 39 | | 1 | 7 | 1 | - | - | - | - | - | - | - | - | - | - | 9 | - | - | 68 |
| 42 | | - | 6 | 5 | - | - | - | - | - | - | - | - | - | - | 11 | - | - | 84 |
| 45 | | - | 7 | 2 | - | - | - | - | - | - | - | - | - | - | 9 | - | - | 76 |
| 48 | | - | 2 | 6 | 2 | - | - | - | - | - | - | - | - | - | 10 | - | - | 108 |
| 51 | | - | 2 | 3 | 4 | 1 | - | - | - | - | - | - | - | - | 10 | - | - | 108 |
| 54 | | - | - | - | 7 | 2 | - | - | - | - | - | - | - | - | 9 | - | - | 68 |
| 57 | | - | - | 2 | 6 | 1 | 1 | - | - | - | - | - | - | - | 10 | - | - | 92 |
| 60 | | - | - | - | 4 | 4 | 2 | 1 | - | - | - | - | - | - | 11 | - | - | 104 |
| 63 | | - | - | - | 5 | 5 | 1 | - | - | - | - | - | - | - | 11 | - | - | 80 |
| 66 | | - | - | - | 2 | 3 | 1 | - | - | - | - | - | - | - | 6 | - | - | 28 |
| 69 | | - | - | - | 1 | 5 | 2 | 1 | - | - | - | - | - | - | 9 | - | - | 72 |
| 72 | | - | - | - | - | 1 | 2 | - | - | - | - | - | - | - | 3 | - | - | 24 |
| 75 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 78 | | - | - | - | - | - | - | - | 1 | - | - | - | - | - | 1 | - | - | 4 |
| 81 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 84 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 87 | | - | - | - | - | - | - | - | 1 | - | - | - | - | - | 1 | - | - | 4 |
| 90 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 93 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 96 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 99 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 102 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 105 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 108 | | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - | 4 |
| Total No. of Ages Read | | 4 | 32 | 19 | 31 | 22 | 9 | 2 | 2 | - | - | - | - | 1 | 122 | 1000 | | |
| Serial Numbers | | No. of Age Samples 10-11 (with lengths) | | | | | | | | | | | | | | | | |
| X | | Number of fish measured each month | | | | | | | | | | | | | - | - | 250 | |
| | | Mean length of fish (cm) each month | | | | | | | | | | | | | - | - | 53.8 | |
| | | Mean weight of fish (kg) each month | | | | | | | | | | | | | - | - | - | |
| | | Total weight caught or landed (tons) each month | | | | | | | | | | | | | - | - | 22 | |
| | | Estimated number caught or landed (whole numbers) each month | | | | | | | | | | | | | - | - | - | |
| | | Range of depths (m) each month | | | | | | | | | | | | | - | - | 150-280 | |
| | | Mesh size (mm) | | | | | | | | | | | | | - | - | 114 | |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | Total |
|-------|----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|-------|
| Apr | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| May | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Jun | 20 | 265 | 178 | 264 | 171 | 72 | 18 | 8 | - | - | - | - | 4 | 1000 |

TABLE 48

LENGTH FREQUENCIES - HADDOCK - 3N - 1965

(FREQUENCIES IN % - 2 CM GROUPS)

| GEAR | Otter Trawl | |
|----------------------------|-------------------------|----------------|
| | (Commercial) | |
| CATCHES/LANDINGS | Landings Before Discard | |
| MONTH | January | April |
| COUNTRY | Canada (Newfoundland) | |
| TONNAGE | 151-500 | |
| 28 | 1 | - |
| 30 | 2 | 3 |
| 32 | 29 | 6 |
| 34 | 69 | 47 |
| 36 | 130 | 140 |
| 38 | 172 | 150 |
| 40 | 135 | 109 |
| 42 | 86 | 121 |
| 44 | 114 | 150 |
| 46 | 100 | 90 |
| 48 | 58 | 109 |
| 50 | 40 | 37 |
| 52 | 13 | 16 |
| 54 | 17 | 12 |
| 56 | 12 | 6 |
| 58 | 11 | 3 |
| 60 | 3 | - |
| 62 | 4 | - |
| 64 | 3 | - |
| Total % | 999 | 999 |
| Serial Numbers | - | - |
| Number of Samples | 4 | 1 |
| Number of Fish Measured | 1165 | 321 |
| Mean Length (cm) | 42.06 | 42.42 |
| Mean Weight (kg) | 0.79 | 0.79 |
| Total Weight Landed (tons) | 126.8 | 64.0 |
| Estimated Number Landed | 159719 | 81412 |
| Mesh(mm) or Hook(no.) Size | 4 1/2 ¹ | 5 ² |
| Range of Depths (fm) | 80-145 | 49-130 |

¹ Mesh size - manilla and nylon, inches

² Mesh size - nylon, inches

| GEAR | Otter Trawl (Commercial) | |
|----------------------------|-----------------------------|--------------------|
| | Landings Before Discard | |
| CATCHES/LANDINGS | | |
| MONTH | February | April |
| COUNTRY | Canada (Newfoundland) | |
| TONNAGE | 151-500 | |
| 26 | 1 | - |
| 28 | 2 | - |
| 30 | 34 | 2 |
| 32 | 105 | 24 |
| 34 | 208 | 65 |
| 36 | 280 | 140 |
| 38 | 207 | 135 |
| 40 | 66 | 95 |
| 42 | 37 | 101 |
| 44 | 34 | 91 |
| 46 | 10 | 103 |
| 48 | 8 | 95 |
| 50 | 4 | 63 |
| 52 | 1 | 30 |
| 54 | 1 | 15 |
| 56 | - | 17 |
| 58 | 1 | 9 |
| 60 | 1 | 9 |
| 62 | 1 | 4 |
| 64 | - | - |
| 66 | - | 4 |
| Total ‰ | 1001 | 1002 |
| Serial Numbers | - | - |
| Number of Samples | 5 | 3 |
| Number of Fish Measured | 1605 | 845 |
| Mean Length (cm) | 37.11 | 43.01 |
| Mean Weight (kg) | 0.49 | 0.83 |
| Total Weight Landed (tons) | 747.5 | 368.8 |
| Estimated Number Landed | 1517046 | 445763 |
| Mesh(mm) or Hook(no.) Size | 4 1/2 ¹ | 4 1/2 ² |
| Range of Depths (fm) | 75-140 | 65-135 |

¹ Mesh size - manilla, nylon and sisal, inches

² Mesh size - manilla and nylon, inches

TABLE 50 LENGTH FREQUENCIES - HADDOCK - 4R - 1965

(FREQUENCIES IN %/oo - 2 CM GROUPS)

| GEAR | Otter Trawl (Commercial) |
|---|-----------------------------|
| CATCHES/LANDINGS | Landings Before Discard |
| MONTH | May |
| COUNTRY | Canada (Newfoundland) |
| TONNAGE | 151-500 |
| 32 | 2 |
| 34 | - |
| 36 | 10 |
| 38 | 14 |
| 40 | 36 |
| 42 | 75 |
| 44 | 116 |
| 46 | 145 |
| 48 | 157 |
| 50 | 174 |
| 52 | 121 |
| 54 | 63 |
| 56 | 48 |
| 58 | 24 |
| 60 | 7 |
| 62 | 5 |
| 64 | - |
| 66 | - |
| 68 | 2 |
| Total %/oo | 999 |
| Serial Numbers | - |
| Number of Samples | 2 |
| Number of Fish Measured | 414 |
| Mean Length (cm) | 48.74 |
| Mean Weight (kg) | 1.18 |
| Total Weight Landed (tons) | 115.8 |
| Estimated Number Landed | 97981 |
| Mesh(mm) or Hook(no.) Size ¹ | 4 1/2 ¹ |
| Range of Depths (fm) | 45-60 |

¹ Mesh size - manilla and drylene, inches

| GEAR | Otter Trawl |
|----------------------------|--------------------|
| CATCHES/LANDINGS | (Commercial) |
| MONTH | Landings |
| COUNTRY | June |
| TONNAGE | Canada (Maritimes) |
| | 51-150 |
| 36 | 3 |
| 38 | 5 |
| 40 | 13 |
| 42 | 8 |
| 44 | 13 |
| 46 | 26 |
| 48 | 55 |
| 50 | 55 |
| 52 | 143 |
| 54 | 109 |
| 56 | 156 |
| 58 | 112 |
| 60 | 91 |
| 62 | 91 |
| 64 | 42 |
| 66 | 31 |
| 68 | 29 |
| 70 | 3 |
| 72 | 5 |
| 74 | 5 |
| 76 | 5 |
| Total ‰ | 1000 |
| Serial Numbers | 65-66 |
| Number of Samples | ? |
| Number of Fish Measured | 384 |
| Mean Length (cm) | 56.49 |
| Mean Weight (kg) | 1.76 |
| Total Weight Landed (tons) | - |
| Estimated Number Landed | - |
| Mesh(mm) or Hook(no.) Size | 4 1/2 ¹ |
| Range of Depths (fm) | 20-45 |

¹ Mesh size - inches

TABLE 52

LENGTH FREQUENCIES - HADDOCK - 4Vs - 1965

(FREQUENCIES IN ‰ - 2 CM GROUPS)

| GEAR | Otter Trawl | |
|----------------------------|--------------------|--------------------|
| | (Commercial) | |
| CATCHES/LANDINGS | Landings | |
| MONTH | May | August |
| COUNTRY | Canada (Maritimes) | |
| TONNAGE | 151-500 | |
| 38 | - | 63 |
| 40 | 38 | 239 |
| 42 | 57 | 240 |
| 44 | 89 | 115 |
| 46 | 83 | 125 |
| 48 | 59 | 50 |
| 50 | 104 | 60 |
| 52 | 86 | 37 |
| 54 | 76 | 27 |
| 56 | 85 | 18 |
| 58 | 96 | 8 |
| 60 | 70 | 7 |
| 62 | 61 | 5 |
| 64 | 33 | 2 |
| 66 | 27 | 1 |
| 68 | 20 | 1 |
| 70 | 4 | 1 |
| 72 | 8 | - |
| 74 | 4 | - |
| Total ‰ | 1000 | 999 |
| Serial Numbers | 67-68 | 69 |
| Number of Samples | 2 | 1 |
| Number of Fish Measured | 436 | 504 |
| Mean Length (cm) | 53.47 | 44.70 |
| Mean Weight (kg) | 1.59 | 0.90 |
| Total Weight Landed (tons) | - | - |
| Estimated Number Landed | - | - |
| Mesh(mm) or Hook(no.) Size | 4 1/2 ¹ | 4 3/8 ¹ |
| Range of Depths (fm) | 48-90 | - |

¹ Mesh size - inches

| GEAR | Otter Trawl | | | | | | Long Line |
|----------------------------|---------------------------------|--------------------------|--------------------------|--------------------|--------------------|-----------|-----------|
| | (Commercial) | | | | | | |
| CATCHES/LANDINGS | Landings | | | | | | |
| MONTH | March | April | May | June ¹ | November | September | |
| COUNTRY | Canada (Maritimes) | | | | | | |
| TONNAGE | 151-500 and 51-150 ¹ | | | | | 26-50 | |
| 24 | - | - | - | 4 | - | - | |
| 26 | - | - | - | 11 | - | - | |
| 28 | - | - | - | 15 | - | - | |
| 30 | - | - | - | 36 | - | - | |
| 32 | - | - | - | 36 | - | - | |
| 34 | - | - | - | 73 | - | 10 | |
| 36 | 7 | - | 1 | 62 | 5 | 10 | |
| 38 | 11 | 4 | 3 | 175 | 17 | 15 | |
| 40 | 72 | 27 | 18 | 131 | 55 | 20 | |
| 42 | 82 | 60 | 68 | 134 | 120 | 15 | |
| 44 | 95 | 67 | 95 | 109 | 93 | 15 | |
| 46 | 107 | 109 | 87 | 44 | 132 | 39 | |
| 48 | 74 | 138 | 86 | 36 | 139 | 49 | |
| 50 | 67 | 118 | 137 | 18 | 116 | 49 | |
| 52 | 58 | 99 | 108 | 22 | 75 | 84 | |
| 54 | 105 | 92 | 102 | 29 | 56 | 108 | |
| 56 | 83 | 87 | 76 | 11 | 68 | 138 | |
| 58 | 58 | 64 | 85 | 22 | 41 | 89 | |
| 60 | 62 | 52 | 47 | 7 | 49 | 74 | |
| 62 | 40 | 39 | 38 | 11 | 11 | 78 | |
| 64 | 33 | 20 | 29 | 7 | 8 | 84 | |
| 66 | 29 | 12 | 12 | 4 | 7 | 39 | |
| 68 | 11 | 5 | 2 | 4 | 4 | 49 | |
| 70 | 2 | 5 | 6 | - | 4 | 15 | |
| 72 | 4 | 1 | - | - | - | 5 | |
| 74 | - | 1 | - | - | - | 15 | |
| Total ‰ | 1000 | 1000 | 1000 | 1001 | 1000 | 1000 | |
| Serial Numbers | 70-71 | 73-76 | 77-79 | 80 | 81 | 82 | |
| Number of Samples | 2 | 4 | 3 | 1 | 1 | 1 | |
| Number of Fish Measured | 454 | 948 | 825 | 275 | 325 | 203 | |
| Mean Length (cm) | 51.60 | 51.88 | 52.08 | 41.86 | 49.46 | 56.62 | |
| Mean Weight (kg) | 1.61 | 1.60 | 1.58 | 0.86 | 1.45 | 2.72 | |
| Total Weight Landed (tons) | - | - | - | - | - | - | |
| Estimated Number Landed | - | - | - | - | - | - | |
| Mesh(mm) or Hook(no.) Size | 4 7/8-4 3/4 ² | 4 5/8-4 7/8 ² | 4 5/8-4 3/4 ² | 4 1/2 ² | 4 1/2 ² | # 16 | |
| Range of Depths (fm) | 50-60 | 50-90 | 50-90 | 80-90 | 64-75 | 25-32 | |

¹ Tonnage class 51-150 for the month of June² Mesh size - inches

TABLE 54 LENGTH FREQUENCIES - HADDOCK - 4X (Northern part) - 1965 (FREQUENCIES IN %/oo - 2 CM GROUPS)

| GEAR | Otter Trawl | | | | | |
|----------------------------|--------------------|--------------------|----------------------|--------------------|--------------------------|--------------------|
| | (Commercial) | | | | | |
| CATCHES/LANDINGS | Landings | | | | | |
| MONTH | May | June | July | August | September | October |
| COUNTRY | Canada (Maritimes) | | | | | |
| TONNAGE | 26-50 and 51-150 | | | | | |
| 24 | - | 1 | - | - | - | - |
| 26 | - | 2 | - | - | 4 | - |
| 28 | - | 11 | 2 | 21 | 7 | - |
| 30 | 15 | 20 | 8 | 101 | 45 | 5 |
| 32 | 45 | 38 | 36 | 98 | 96 | 32 |
| 34 | 65 | 62 | 47 | 122 | 130 | 50 |
| 36 | 135 | 124 | 73 | 129 | 149 | 165 |
| 38 | 145 | 170 | 101 | 101 | 141 | 124 |
| 40 | 165 | 146 | 118 | 119 | 118 | 96 |
| 42 | 75 | 115 | 93 | 112 | 94 | 96 |
| 44 | 95 | 96 | 84 | 98 | 71 | 78 |
| 46 | 35 | 61 | 63 | 39 | 65 | 78 |
| 48 | 60 | 32 | 67 | 25 | 40 | 83 |
| 50 | 30 | 24 | 50 | 11 | 16 | 41 |
| 52 | 35 | 25 | 58 | 7 | 7 | 46 |
| 54 | 15 | 17 | 54 | 11 | 7 | 41 |
| 56 | 20 | 15 | 43 | 3 | 5 | 5 |
| 58 | 20 | 12 | 35 | - | - | 9 |
| 60 | 15 | 10 | 19 | - | - | 9 |
| 62 | 5 | 6 | 18 | 3 | - | 5 |
| 64 | 5 | 6 | 17 | - | 2 | 9 |
| 66 | 10 | 2 | 8 | - | - | 23 |
| 68 | 5 | 2 | 3 | - | - | - |
| 70 | 5 | - | 2 | - | 2 | 5 |
| 72 | - | 2 | - | - | - | - |
| Total %/oo | 1000 | 999 | 999 | 1000 | 999 | 1000 |
| Serial Numbers | 98 | 99-103 | 104-108 | 109 | 110-111 | 112 |
| Number of Samples | 1 | 5 | 5 | 1 | 2 | 1 |
| Number of Fish Measured | 200 | 1386 | 2120 | 286 | 552 | 218 |
| Mean Length (cm) | 42.68 | 41.73 | 45.58 | 38.52 | 39.19 | 43.65 |
| Mean Weight (kg) | 0.92 | 0.90 | 1.12 | 0.79 | 0.83 | 1.04 |
| Total Weight Landed (tons) | - | - | - | - | - | - |
| Estimated Number Landed | - | - | - | - | - | - |
| Mesh(mm) or Hook(no.) Size | 4 3/8 ¹ | 4 1/2 ¹ | 4-4 1/2 ¹ | 4 1/2 ¹ | 4 3/8-4 1/2 ¹ | 4 3/8 ¹ |
| Range of Depths (fm) | - | 35-60 | 22-60 | 50-60 | 38-70 | 22-60 |

¹ Mesh size - inches

TABLE 55 LENGTH FREQUENCIES - HADDOCK - 4X (Southern part) - 1965 (FREQUENCIES IN ‰ - 2 CM GROUPS)

| GEAR | Otter Trawl | | | | | |
|---|--------------------|--------------------|--------------------|--------------------------|--------------------|--------------------------|
| | (Commercial) | | | | | |
| CATCHES/LANDINGS | Landings | | | | | |
| MONTH | February | March | April | May | June | July |
| COUNTRY | Canada (Maritimes) | | | | | |
| TONNAGE | 51-150 and 151-500 | | | | | |
| 28 | - | - | - | - | 1 | - |
| 30 | - | - | - | - | - | 1 |
| 32 | 5 | - | - | - | - | 3 |
| 34 | 24 | - | 3 | 1 | - | 1 |
| 36 | 21 | 1 | 17 | 11 | 1 | 12 |
| 38 | 31 | 6 | 33 | 36 | 2 | 27 |
| 40 | 52 | 35 | 42 | 64 | 4 | 51 |
| 42 | 68 | 57 | 74 | 75 | 25 | 76 |
| 44 | 86 | 133 | 100 | 86 | 61 | 121 |
| 46 | 71 | 131 | 159 | 94 | 125 | 123 |
| 48 | 94 | 171 | 145 | 107 | 116 | 150 |
| 50 | 103 | 108 | 154 | 112 | 104 | 121 |
| 52 | 142 | 97 | 93 | 88 | 146 | 101 |
| 54 | 115 | 59 | 61 | 79 | 119 | 76 |
| 56 | 46 | 53 | 59 | 73 | 100 | 57 |
| 58 | 38 | 49 | 35 | 52 | 71 | 28 |
| 60 | 54 | 32 | 10 | 42 | 61 | 22 |
| 62 | 31 | 30 | 12 | 32 | 30 | 12 |
| 64 | 15 | 14 | 2 | 21 | 13 | 5 |
| 66 | - | 9 | - | 13 | 14 | 6 |
| 68 | 4 | 6 | 2 | 8 | 5 | 4 |
| 70 | - | 5 | - | 1 | 1 | 1 |
| 72 | - | 3 | - | 2 | - | 1 |
| 74 | - | 1 | - | 1 | 1 | - |
| 76 | - | - | - | 1 | - | 1 |
| Total ‰ | 1000 | 1000 | 1001 | 999 | 1000 | 1000 |
| Serial Numbers | 113 | 114-115 | 116-117 | 118-121 | 122-123 | 124-125 |
| Number of Samples | 1 | 2 | 2 | 4 | 2 | 2 |
| Number of Fish Measured | 314 | 1060 | 590 | 1493 | 687 | 808 |
| Mean Length (cm) | 49.83 | 50.40 | 48.65 | 50.46 | 52.55 | 49.02 |
| Mean Weight (kg) | 1.40 | 1.31 | 1.33 | 1.46 | 1.57 | 1.26 |
| Total Weight Landed (tons) | - | - | - | - | - | - |
| Estimated Number Landed | - | - | - | - | - | - |
| Mesh(mm) or Hook(no.) Size ¹ | 4 1/4 ¹ | 4 1/4 ¹ | 4 3/8 ¹ | 4 3/8-4 5/8 ¹ | 4 3/8 ¹ | 4 3/8-4 5/8 ¹ |
| Range of Depths (fm) | 70-90 | 35-50 | 45-50 | 35-80 | 33-55 | 35-50 |

¹ Mesh size - inches

TABLE 55 LENGTH FREQUENCIES - HADDOCK - 4X (Southern part) - 1965 (FREQUENCIES IN ‰ - 2 CM GROUPS)
(cont'd)

| GEAR | Otter Trawl | | | Long Line | |
|---|--------------------|--------------------|--------------------|-----------|-------|
| | (Commercial) | | | | |
| CATCHES/LANDINGS | Landings | | | | |
| MONTH | August | September | October | April | May |
| COUNTRY | Canada (Maritimes) | | | | |
| TONNAGE | 51-150 and 151-500 | | | 26-50 | |
| 34 | 2 | - | - | - | - |
| 36 | 9 | 11 | 2 | - | 22 |
| 38 | 68 | 16 | 7 | - | 35 |
| 40 | 128 | 38 | 36 | - | 69 |
| 42 | 143 | 54 | 76 | 13 | 139 |
| 44 | 150 | 49 | 98 | 24 | 143 |
| 46 | 122 | 82 | 105 | 49 | 112 |
| 48 | 115 | 152 | 124 | 89 | 74 |
| 50 | 83 | 147 | 110 | 68 | 95 |
| 52 | 61 | 185 | 137 | 92 | 91 |
| 54 | 54 | 109 | 78 | 166 | 39 |
| 56 | 34 | 43 | 62 | 125 | 35 |
| 58 | 9 | 71 | 56 | 65 | 56 |
| 60 | 7 | 22 | 41 | 95 | 26 |
| 62 | 3 | 11 | 22 | 41 | 26 |
| 64 | 8 | 5 | 19 | 77 | 13 |
| 66 | 1 | 5 | 9 | 30 | 13 |
| 68 | 1 | - | 6 | 24 | 4 |
| 70 | 1 | - | 6 | 12 | 4 |
| 72 | - | - | - | 24 | - |
| 74 | - | - | 3 | 6 | 4 |
| 76 | - | - | 3 | - | - |
| Total ‰ | 999 | 1000 | 1000 | 1000 | 1000 |
| Serial Numbers | 126 | 127 | 128 | 96 | 97 |
| Number of Samples | 1 | 1 | 1 | 1 | 1 |
| Number of Fish Measured | 612 | 184 | 365 | 246 | 231 |
| Mean Length (cm) | 46.37 | 50.55 | 51.03 | 56.34 | 48.72 |
| Mean Weight (kg) | 1.19 | 1.48 | 1.52 | 1.99 | 1.30 |
| Total Weight Landed (tons) | - | - | - | - | - |
| Estimated Number Landed | - | - | - | - | - |
| Mesh(mm) or Hook(no.) Size ¹ | 4 3/8 ¹ | 4 5/8 ¹ | 4 3/8 ¹ | 6/0 | 6/0 |
| Range of Depths (fm) | 40-50 | 40-42 | 60-70 | 40-50 | 45-50 |

¹ Mesh size - inches

| GEAR | Otter Trawl (Commercial) | | | | |
|----------------------------|-----------------------------|--------------------|--------------------|--------------------------|--------------------------|
| | Landings | | | | |
| CATCHES/LANDINGS | | | | | |
| MONTH | February | June | July | August | December |
| COUNTRY | Canada (Maritimes) | | | | |
| TONNAGE | 151-500 | | | | |
| 30 | - | - | - | - | 1 |
| 32 | - | - | - | 1 | 1 |
| 34 | - | 7 | - | 21 | 4 |
| 36 | - | 29 | 5 | 105 | 103 |
| 38 | - | 38 | 73 | 143 | 196 |
| 40 | 68 | 72 | 92 | 142 | 256 |
| 42 | 137 | 90 | 80 | 135 | 261 |
| 44 | 180 | 83 | 124 | 137 | 107 |
| 46 | 124 | 66 | 219 | 103 | 23 |
| 48 | 13 | 91 | 144 | 78 | 13 |
| 50 | 4 | 117 | 90 | 47 | 11 |
| 52 | 39 | 90 | 40 | 27 | 7 |
| 54 | 17 | 95 | 30 | 18 | 4 |
| 56 | 49 | 65 | 15 | 15 | 4 |
| 58 | 58 | 54 | 13 | 9 | 1 |
| 60 | 86 | 34 | 18 | 7 | 3 |
| 62 | 37 | 34 | 23 | 6 | 1 |
| 64 | 53 | 7 | 20 | 1 | 1 |
| 66 | 49 | 10 | 5 | 1 | 1 |
| 68 | 41 | 8 | 7 | 1 | - |
| 70 | 18 | 3 | 2 | 1 | 1 |
| 72 | 12 | - | - | 1 | 1 |
| 74 | 8 | 5 | - | - | - |
| 76 | - | - | - | - | - |
| 78 | 8 | - | - | - | - |
| 80 | - | - | - | - | - |
| 82 | - | 2 | - | - | - |
| Total ‰/oo | 1001 | 1000 | 1000 | 999 | 1000 |
| Serial Numbers | 83 | 84-85 | 86 | 87-92 | 93-95 |
| Number of Samples | 1 | 2 | 1 | 6 | 3 |
| Number of Fish Measured | 200 | 633 | 275 | 3806 | 1608 |
| Mean Length (cm) | 52.63 | 49.92 | 47.46 | 43.58 | 41.37 |
| Mean Weight (kg) | 1.76 | 1.33 | 1.21 | 0.89 | 0.82 |
| Total Weight Landed (tons) | - | - | - | - | - |
| Estimated Number Landed | - | - | - | - | - |
| Mesh(mm) or Hook(no.) Size | 4 5/8 ¹ | 4 1/2 ¹ | 4 5/8 ¹ | 4 1/2-4 5/8 ¹ | 4 3/8-4 1/2 ¹ |
| Range of Depths (fm) | 42-56 | 35-60 | 22-122 | 35-55 | 25-40 |

¹ Mesh size - inches

TABLE 59

AGE/LENGTH TABLE - HADDOCK - 4X - 1965 (2nd QUARTER)

| GEAR | | Otter Trawl (Commercial) | | | | | | | | | | | | | |
|--------------------------------------|-----|---|----|----|----|----|----|----|----|----|----|------------------------|------------------------------|-----|-----|
| CATCHES OR LANDINGS | | Landings | | | | | | | | | | | | | |
| COUNTRY | | United States | | | | | | | | | | | | | |
| TONNAGE | | 51-483 | | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Otoliths | | | | | | | | | | | | | |
| Length Group (2 cm) | Age | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Total No. of Ages Read | LENGTH COMPOSITION PER MILLE | | |
| | | | | | | | | | | | | | Months Within Quarter | | |
| | | | | | | | | | | | | | Apr | May | Jun |
| 32 | | - | - | 1 | - | - | - | - | - | - | - | 1 | - | - | - |
| 34 | | 1 | 2 | 1 | 1 | - | - | - | - | - | - | 5 | - | - | - |
| 36 | | 2 | 10 | 1 | 1 | - | - | - | - | - | - | 14 | - | - | - |
| 38 | | 2 | 3 | 6 | - | - | - | - | - | - | - | 11 | - | - | - |
| 40 | | - | 4 | 6 | - | - | - | - | - | - | - | 10 | - | 51 | - |
| 42 | | - | 2 | 10 | 8 | - | - | - | - | - | - | 20 | - | 51 | - |
| 44 | | - | 1 | 5 | 7 | - | - | - | - | - | - | 13 | - | 80 | - |
| 46 | | - | - | 5 | 8 | 4 | 1 | - | - | - | - | 18 | - | 138 | - |
| 48 | | - | - | - | 11 | 5 | - | - | - | - | - | 16 | - | 160 | - |
| 50 | | - | - | 1 | 10 | 6 | 1 | 1 | - | - | - | 19 | - | 109 | - |
| 52 | | - | - | 2 | 8 | 7 | 3 | 3 | 1 | - | - | 24 | - | 106 | - |
| 54 | | - | 1 | 2 | 8 | 7 | 2 | 3 | 1 | - | - | 24 | - | 58 | - |
| 56 | | - | 1 | - | 3 | 3 | 7 | 2 | 2 | 2 | - | 20 | - | 38 | - |
| 58 | | - | - | - | 5 | 1 | 2 | 3 | 2 | 1 | - | 14 | - | 55 | - |
| 60 | | - | - | 1 | 4 | 4 | 7 | 4 | 3 | - | - | 23 | - | 26 | - |
| 62 | | - | - | 1 | 4 | 3 | 3 | 4 | 1 | 1 | - | 17 | - | 49 | - |
| 64 | | - | - | - | - | 2 | - | 2 | 2 | 1 | 1 | 8 | - | 29 | - |
| 66 | | - | - | - | - | - | - | - | 3 | 2 | 2 | 7 | - | 14 | - |
| 68 | | - | - | - | - | 2 | 2 | 1 | 3 | 1 | - | 9 | - | 17 | - |
| 70 | | - | - | - | - | - | 1 | - | - | 1 | - | 2 | - | 20 | - |
| 72 | | - | - | - | - | - | - | - | - | - | 3 | 3 | - | - | - |
| 74 | | - | - | - | - | - | - | - | 1 | - | - | 1 | - | - | - |
| 76 | | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - | - |
| Total No. of Ages Read | | 5 | 24 | 42 | 80 | 44 | 28 | 25 | 17 | 8 | 7 | 280 | - | | |
| Serial Numbers | | No. of Age Samples 16 | | | | | | | | | | | | | |
| X | | Number of fish measured each month | | | | | | | | | | - | 198 | - | |
| | | Mean length of fish (cm) each month | | | | | | | | | | - | 51.54 | - | |
| | | Mean weight of fish (kg) each month | | | | | | | | | | - | 1.69 | - | |
| | | Total weight caught or landed (tons) each month | | | | | | | | | | - | 531 | - | |
| | | Estimated number caught or landed (whole numbers) each month ¹ | | | | | | | | | | - | 3138 | - | |
| | | Range of depths (fm) each month | | | | | | | | | | - | 50-100 | - | |
| | | Mesh size (inches) | | | | | | | | | | - | 4.5 | - | |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Total |
|-------|---|----|-----|-----|-----|----|----|----|----|----|-------|
| Apr | - | - | - | - | - | - | - | - | - | - | - |
| May | - | 36 | 151 | 397 | 197 | 79 | 68 | 38 | 27 | 7 | 1000 |
| Jun | - | - | - | - | - | - | - | - | - | - | - |

¹ Numbers in 100's

TABLE 59
(cont'd)

AGE/LENGTH TABLE - HADDOCK - 4X - 1965 (3rd QUARTER)

| GEAR | | Otter Trawl (Commercial) | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|-----|--------------------------|----|----|----|----|---|---|---|----|----|----|---|------------------------------|-----|-----|--------|--------|----|----|----|----|----|------|--|--|--|
| CATCHES OR LANDINGS | | Landings | | | | | | | | | | | | | | | | | | | | | | | | | |
| COUNTRY | | United States | | | | | | | | | | | | | | | | | | | | | | | | | |
| TONNAGE | | 51-483 | | | | | | | | | | | | | | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Otoliths | | | | | | | | | | | | | | | | | | | | | | | | | |
| Length Group (2 cm) | Age | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Total No. of Ages Read | LENGTH COMPOSITION PER MILLE | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | Months Within Quarter | | | | | | | | | | | | | |
| | | | | | | | | | | | | | Jul | Aug | Sep | | | | | | | | | | | | |
| 30 | 13 | 6 | 1 | - | - | - | - | - | - | - | - | 20 | - | - | - | | | | | | | | | | | | |
| 32 | 8 | 17 | - | - | - | - | - | - | - | - | - | 25 | - | - | - | | | | | | | | | | | | |
| 34 | 6 | 24 | - | - | - | - | - | - | - | - | - | 30 | - | - | - | | | | | | | | | | | | |
| 36 | 3 | 33 | 11 | - | - | - | - | - | - | - | - | 47 | - | 6 | 2 | | | | | | | | | | | | |
| 38 | 2 | 46 | 9 | - | - | - | - | - | - | - | - | 57 | - | 37 | 9 | | | | | | | | | | | | |
| 40 | - | 48 | 17 | 3 | - | - | - | - | - | - | - | 68 | - | 75 | 58 | | | | | | | | | | | | |
| 42 | - | 36 | 12 | 4 | - | - | - | - | - | - | - | 52 | - | 99 | 147 | | | | | | | | | | | | |
| 44 | - | 43 | 21 | 9 | 6 | - | - | - | - | - | - | 79 | - | 132 | 131 | | | | | | | | | | | | |
| 46 | - | 28 | 27 | 15 | 8 | 2 | - | - | - | - | - | 80 | - | 117 | 161 | | | | | | | | | | | | |
| 48 | - | 14 | 21 | 12 | 20 | 4 | - | - | - | - | - | 71 | - | 74 | 86 | | | | | | | | | | | | |
| 50 | - | 3 | 14 | 18 | 27 | 5 | - | - | - | - | - | 67 | - | 52 | 62 | | | | | | | | | | | | |
| 52 | - | - | 12 | 8 | 35 | 3 | 1 | 1 | - | 1 | - | 61 | - | 59 | 63 | | | | | | | | | | | | |
| 54 | - | - | 18 | 12 | 36 | 15 | 3 | 2 | 1 | - | - | 87 | - | 65 | 51 | | | | | | | | | | | | |
| 56 | - | - | 6 | 14 | 37 | 10 | 2 | 2 | - | - | - | 71 | - | 68 | 46 | | | | | | | | | | | | |
| 58 | - | - | 1 | 7 | 31 | 13 | 3 | 1 | 2 | - | - | 58 | - | 55 | 38 | | | | | | | | | | | | |
| 60 | - | - | - | 4 | 18 | 13 | 3 | 1 | 1 | 1 | 5 | 46 | - | 50 | 32 | | | | | | | | | | | | |
| 62 | - | - | - | 1 | 18 | 8 | 6 | 7 | 4 | 2 | 1 | 47 | - | 38 | 24 | | | | | | | | | | | | |
| 64 | - | - | - | - | 11 | 7 | 6 | 5 | 3 | 2 | 5 | 39 | - | 24 | 23 | | | | | | | | | | | | |
| 66 | - | - | - | - | 5 | 5 | 6 | 2 | 1 | 4 | 2 | 25 | - | 25 | 24 | | | | | | | | | | | | |
| 68 | - | - | - | - | 1 | - | - | 2 | 2 | 1 | 3 | 9 | - | 9 | 17 | | | | | | | | | | | | |
| 70 | - | - | - | - | - | 3 | 3 | 1 | - | 2 | 4 | 13 | - | 12 | 9 | | | | | | | | | | | | |
| 72 | - | - | - | - | - | - | 1 | 1 | - | - | 1 | 3 | - | 4 | 9 | | | | | | | | | | | | |
| 74 | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - | 1 | 6 | | | | | | | | | | | | |
| 76 | - | - | - | - | - | - | - | 1 | - | - | - | 1 | - | - | 1 | | | | | | | | | | | | |
| 78 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | | | | | | | | | | | | |
| Total No. of Ages Read | | | | | | | | | | | | | 46 | 300 | 170 | 107 | 253 | 88 | 34 | 26 | 14 | 13 | 22 | 1073 | | | |
| Serial Numbers | | | | | | | | | | | | | No. of Age Samples 27 | | | | | | | | | | | | | | |
| X | | | | | | | | | | | | | Number of fish measured each month | | | - | 911 | 712 | | | | | | | | | |
| | | | | | | | | | | | | | Mean length of fish (cm) each month | | | - | 50.44 | 50.08 | | | | | | | | | |
| | | | | | | | | | | | | | Mean weight of fish (kg) each month | | | - | 1.40 | 1.40 | | | | | | | | | |
| | | | | | | | | | | | | | Total weight caught or landed (tons) each month | | | - | 855 | 326 | | | | | | | | | |
| | | | | | | | | | | | | | Estimated number caught or landed (whole numbers) each month ¹ | | | - | 6118 | 2331 | | | | | | | | | |
| | | | | | | | | | | | | | Range of depths (fm) each month | | | - | 45-125 | 35-120 | | | | | | | | | |
| Mesh size (inches) | | | | | | | | | | | | | - | 4.5 | 4.5 | | | | | | | | | | | | |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Total |
|-------|---|-----|-----|-----|-----|----|----|----|----|----|----|-------|
| Jul | - | - | - | - | - | - | - | - | - | - | - | - |
| Aug | 2 | 285 | 187 | 116 | 235 | 80 | 30 | 22 | 12 | 12 | 19 | 1000 |
| Sep | 1 | 300 | 205 | 122 | 213 | 64 | 25 | 22 | 11 | 11 | 26 | 1000 |

¹ Numbers in 100's

TABLE 59
(cont'd)

AGE/LENGTH TABLE - HADDOCK - 4X - 1965 (4th QUARTER)

| GEAR | | Otter Trawl (Commercial) | | | | | | | | | | | | | | |
|--------------------------------------|---|--------------------------|----|----|----|----|---|---|---|----|----|-----|------------------------|------------------------------|-----|-----|
| CATCHES OR LANDINGS | | Landings | | | | | | | | | | | | | | |
| COUNTRY | | United States | | | | | | | | | | | | | | |
| TONNAGE | | 51-483 | | | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Otoliths | | | | | | | | | | | | | | |
| Length Group (2 cm) | Age | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Total No. of Ages Read | LENGTH COMPOSITION PER MILLE | | |
| | | | | | | | | | | | | | | Months Within Quarter | | |
| | | | | | | | | | | | | | | Oct | Nov | Dec |
| 30 | 2 | - | - | - | - | - | - | - | - | - | - | - | 2 | - | - | - |
| 32 | 4 | - | - | - | - | - | - | - | - | - | - | - | 4 | - | - | - |
| 34 | 4 | - | - | - | - | - | - | - | - | - | - | - | 4 | 1 | - | - |
| 36 | 4 | - | - | - | - | - | - | - | - | - | - | - | 4 | - | 2 | - |
| 38 | 4 | 2 | - | - | - | - | - | - | - | - | - | - | 6 | 14 | 9 | - |
| 40 | 3 | 9 | - | - | - | - | - | - | - | - | - | - | 12 | 34 | 30 | - |
| 42 | 2 | 17 | 2 | - | - | - | - | - | - | - | - | - | 21 | 89 | 84 | - |
| 44 | - | 31 | 3 | - | 2 | - | - | - | - | - | - | - | 36 | 142 | 147 | - |
| 46 | - | 26 | 4 | - | 1 | - | - | - | - | - | - | - | 31 | 172 | 149 | - |
| 48 | - | 18 | 9 | - | - | - | - | - | - | - | - | - | 27 | 111 | 123 | - |
| 50 | - | 10 | 8 | 3 | 5 | - | - | - | - | - | - | - | 26 | 87 | 85 | - |
| 52 | - | 1 | 6 | 8 | 4 | 1 | - | - | - | - | - | - | 20 | 55 | 89 | - |
| 54 | - | 1 | 1 | 8 | 6 | 2 | - | - | - | - | - | - | 18 | 55 | 50 | - |
| 56 | - | - | 5 | 9 | 13 | 3 | 1 | - | - | - | - | - | 31 | 49 | 49 | - |
| 58 | - | - | - | 4 | 8 | 2 | - | - | - | - | 1 | - | 15 | 46 | 45 | - |
| 60 | - | - | - | 3 | 11 | 4 | - | - | - | - | 1 | - | 19 | 44 | 38 | - |
| 62 | - | - | - | - | 9 | 3 | 1 | 1 | - | - | - | - | 14 | 29 | 30 | - |
| 64 | - | - | - | 1 | 6 | - | - | - | - | - | - | - | 7 | 24 | 20 | - |
| 66 | - | - | - | 1 | 5 | 2 | - | 1 | - | - | - | 1 | 10 | 17 | 18 | - |
| 68 | - | - | - | - | 2 | 1 | 1 | - | - | 1 | - | - | 5 | 14 | 20 | - |
| 70 | - | - | - | - | - | 2 | - | 1 | 1 | 1 | 2 | - | 7 | 8 | 6 | - |
| 72 | - | - | - | - | - | - | 1 | - | - | 1 | - | - | 2 | 5 | 2 | - |
| 74 | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | 2 | - |
| 76 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 3 | - |
| 78 | - | - | - | - | - | 1 | - | - | - | - | - | - | 1 | - | - | - |
| Total No. of Ages Read | 23 | 115 | 38 | 37 | 72 | 21 | 4 | 3 | 1 | 5 | 3 | | 322 | | | |
| Serial Numbers | No. of Age Samples 20 | | | | | | | | | | | | | | | |
| X | Number of fish measured each month | | | | | | | | | | | | 1025 | 499 | - | |
| | Mean length of fish (cm) each month | | | | | | | | | | | | 50.47 | 50.62 | - | |
| | Mean weight of fish (kg) each month | | | | | | | | | | | | 1.42 | 1.45 | - | |
| | Total weight caught or landed (tons) each month | | | | | | | | | | | | 482 | 282 | - | |
| | Estimated number caught or landed (whole numbers) each month ¹ | | | | | | | | | | | | 3400 | 1939 | - | |
| | Range of depths (fm) each month | | | | | | | | | | | | 45-116 | 55-112 | - | |
| Mesh size (inches) | | | | | | | | | | | | 4.5 | 4.5 | - | | |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Total |
|-------|----|-----|-----|-----|-----|----|---|---|----|----|----|-------|
| Oct | 28 | 483 | 134 | 95 | 184 | 44 | 9 | 6 | 1 | 6 | 10 | 1000 |
| Nov | 24 | 470 | 122 | 109 | 196 | 50 | 8 | 5 | 1 | 11 | 4 | 1000 |
| Dec | - | - | - | - | - | - | - | - | - | - | - | - |

¹ Numbers in 100's

| GEAR | | Otter Trawl (Commercial) | | | | | | | | | | | | |
|--------------------------------------|-----|---|----|---|---|---|---|---|---|------------------------|------------------------------|-----|-----|-------|
| CATCHES OR LANDINGS | | Landings | | | | | | | | | | | | |
| COUNTRY | | United States | | | | | | | | | | | | |
| TONNAGE | | 0-310 | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Scales | | | | | | | | | | | | |
| Length Group (2 cm) | Age | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | Total No. of Ages Read | LENGTH COMPOSITION PER MILLE | | | |
| | | | | | | | | | | | Months Within Quarter | | | |
| | | | | | | | | | | | Apr | May | Jun | |
| 36 | | 1 | - | - | - | - | - | - | - | 1 | - | - | 23 | |
| 38 | | - | 2 | - | - | - | - | - | - | 2 | - | - | 80 | |
| 40 | | - | 4 | - | - | - | - | - | - | 4 | - | - | 68 | |
| 42 | | - | 3 | - | - | - | - | - | - | 3 | - | - | 148 | |
| 44 | | - | 4 | - | - | - | - | - | - | 4 | - | - | 137 | |
| 46 | | - | - | - | - | - | - | - | - | - | - | - | 68 | |
| 48 | | - | 1 | - | - | - | - | - | - | 1 | - | - | 23 | |
| 50 | | - | - | 1 | - | - | - | - | - | 1 | - | - | 20 | |
| 52 | | - | - | - | 1 | - | - | - | - | 1 | - | - | 54 | |
| 54 | | - | - | 3 | - | 4 | - | - | - | 7 | - | - | 69 | |
| 56 | | - | - | - | 3 | 1 | - | - | - | 4 | - | - | 86 | |
| 58 | | - | - | - | 1 | - | - | - | - | 1 | - | - | 60 | |
| 60 | | - | - | - | 1 | 1 | - | - | - | 2 | - | - | 43 | |
| 62 | | - | - | - | 1 | 2 | - | - | 1 | 1 | - | - | 47 | |
| 64 | | - | - | - | - | - | - | - | - | 3 | - | - | 39 | |
| 66 | | - | - | - | - | - | - | - | - | - | - | - | 4 | |
| 68 | | - | - | - | - | - | - | - | - | - | - | - | 22 | |
| 70 | | - | - | - | - | - | - | - | - | - | - | - | 4 | |
| 72 | | - | - | - | - | - | - | - | - | - | - | - | 4 | |
| Total No. of Ages Read | | 1 | 14 | 4 | 7 | 8 | - | - | 1 | 35 | 1000 | | | |
| Serial Numbers | | No. of Age Samples 2 | | | | | | | | | | | | |
| X | | Number of fish measured each month | | | | | | | | | | - | - | 150 |
| | | Mean length of fish (cm) each month | | | | | | | | | | - | - | 49.77 |
| | | Mean weight of fish (kg) each month | | | | | | | | | | - | - | 1.34 |
| | | Total weight caught or landed (tons) each month | | | | | | | | | | - | - | 332 |
| | | Estimated number caught or landed (whole numbers) each month ¹ | | | | | | | | | | - | - | 2473 |
| | | Range of depths (fm) each month | | | | | | | | | | - | - | 45-55 |
| | | Mesh size (inches) | | | | | | | | | | - | - | 4.5 |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | Total |
|-------|----|-----|----|-----|-----|---|---|----|-------|
| Apr | - | - | - | - | - | - | - | - | - |
| May | - | - | - | - | - | - | - | - | - |
| Jun | 23 | 524 | 49 | 214 | 108 | - | - | 82 | 1000 |

¹ Numbers in 100's

TABLE 60
(cont'd)

AGE/LENGTH TABLE - HADDOCK - 5Y - 1965 (3rd QUARTER)

| GEAR | | Otter Trawl (Commercial) | | | | | | | | | | | | | | | | | | | | |
|--|-----|--------------------------|-----|-----|-----|----|----|----|-------|------------------------|---|-----|-----|-------|-------|-------|---|---|-----|------|------|------|
| CATCHES OR LANDINGS | | Landings | | | | | | | | | | | | | | | | | | | | |
| COUNTRY | | United States | | | | | | | | | | | | | | | | | | | | |
| TONNAGE | | 0-310 | | | | | | | | | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Scales | | | | | | | | | | | | | | | | | | | | |
| Length Group (2 cm) | Age | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | Total No. of Ages Read | LENGTH COMPOSITION PER MILLE | | | | | | | | | | | |
| | | | | | | | | | | | Months Within Quarter | | | | | | | | | | | |
| | | | | | | | | | | | Jul | Aug | Sep | | | | | | | | | |
| 34 | - | - | - | - | - | - | - | - | - | - | - | - | 11 | - | | | | | | | | |
| 36 | - | - | - | - | - | - | - | - | - | - | - | 3 | 34 | - | | | | | | | | |
| 38 | 1 | - | - | - | - | - | - | - | - | 1 | 3 | 57 | - | - | | | | | | | | |
| 40 | 1 | 7 | 1 | - | - | - | - | - | - | 9 | 45 | 11 | 45 | - | | | | | | | | |
| 42 | 1 | 18 | 1 | - | - | - | - | - | - | 20 | 118 | 138 | 115 | - | | | | | | | | |
| 44 | 1 | 24 | 1 | - | - | - | - | - | - | 26 | 112 | 123 | 166 | - | | | | | | | | |
| 46 | - | 32 | 4 | - | - | - | - | - | - | 36 | 111 | 156 | 201 | - | | | | | | | | |
| 48 | - | 13 | 6 | 1 | - | - | - | - | - | 20 | 79 | 140 | 175 | - | | | | | | | | |
| 50 | - | 7 | 3 | - | - | - | - | - | - | 10 | 67 | 43 | 102 | - | | | | | | | | |
| 52 | - | 4 | 5 | 2 | 1 | - | - | - | - | 12 | 87 | 73 | 43 | - | | | | | | | | |
| 54 | - | 1 | 6 | 1 | - | - | - | - | - | 8 | 61 | 34 | 16 | - | | | | | | | | |
| 56 | - | 1 | 4 | 3 | 2 | - | - | - | - | 10 | 47 | 17 | 11 | - | | | | | | | | |
| 58 | - | - | 3 | 7 | 2 | 1 | - | - | - | 13 | 66 | 30 | 34 | - | | | | | | | | |
| 60 | - | - | - | 4 | 6 | - | - | - | - | 10 | 61 | 34 | 27 | - | | | | | | | | |
| 62 | - | - | - | 2 | 5 | - | - | - | - | 7 | 31 | 34 | 18 | - | | | | | | | | |
| 64 | - | - | - | 1 | 7 | 2 | 1 | - | - | 11 | 40 | 17 | 18 | - | | | | | | | | |
| 66 | - | - | - | - | 4 | - | 2 | - | - | 6 | 28 | 17 | 16 | - | | | | | | | | |
| 68 | - | - | - | - | 2 | - | - | 1 | - | 3 | 19 | 17 | 7 | - | | | | | | | | |
| 70 | - | - | - | - | - | - | - | - | 1 | 1 | 5 | 4 | 2 | - | | | | | | | | |
| 72 | - | - | - | - | - | - | - | - | 1 | 1 | 5 | - | - | - | | | | | | | | |
| 74 | - | - | - | - | - | - | 1 | 3 | - | 4 | 5 | 9 | 2 | - | | | | | | | | |
| 76 | - | - | - | - | - | - | - | - | - | - | 3 | - | 2 | - | | | | | | | | |
| 78 | - | - | - | - | - | - | - | - | 1 | 1 | 2 | - | - | - | | | | | | | | |
| 80 | - | - | - | - | - | - | - | - | - | - | 2 | - | - | - | | | | | | | | |
| Total No. of Ages Read | | | | | | | | | | | 4 | 107 | 34 | 21 | 29 | 4 | 6 | 4 | 209 | 1000 | 1000 | 1000 |
| Serial Numbers | | | | | | | | | | | No. of Age Samples 12 | | | | | | | | | | | |
| X | | | | | | | | | | | Number of fish measured each month | | | 450 | 150 | 300 | | | | | | |
| | | | | | | | | | | | Mean length of fish (cm) each month | | | 51.84 | 48.78 | 48.73 | | | | | | |
| | | | | | | | | | | | Mean weight of fish (kg) each month | | | 1.53 | 1.29 | 1.24 | | | | | | |
| | | | | | | | | | | | Total weight caught or landed (tons) each month | | | 442 | 402 | 415 | | | | | | |
| | | | | | | | | | | | Estimated number caught or landed (whole numbers) each month ¹ | | | 2888 | 3124 | 3345 | | | | | | |
| | | | | | | | | | | | Range of depths (fm) each month | | | 45-55 | 45-55 | 40-60 | | | | | | |
| Mesh size (inches) | | | | | | | | | | | 4.5 | 4.5 | 4.5 | | | | | | | | | |
| AGE COMPOSITIONS OF LANDINGS (PER MILLE) | | | | | | | | | | | | | | | | | | | | | | |
| Month | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | Total | | | | | | | | | | | | | |
| Jul | 2 | 346 | 215 | 129 | 194 | 16 | 16 | 82 | 1000 | | | | | | | | | | | | | |
| Aug | 116 | 536 | 155 | 70 | 92 | 5 | 7 | 19 | 1000 | | | | | | | | | | | | | |
| Sep | 17 | 674 | 164 | 57 | 67 | 6 | 13 | 2 | 1000 | | | | | | | | | | | | | |

¹ Numbers in 100's

TABLE 60
(cont'd)

AGE/LENGTH TABLE - HADDOCK - 5Y - 1965 (4th QUARTER)

| GEAR | | Otter Trawl (Commercial) | | | | | | | | |
|--------------------------------------|--------------------|---|----|----|---|-----|---------------------------------|---------------------------------|-----|-----|
| CATCHES OR LANDINGS | | Landings | | | | | | | | |
| COUNTRY | | United States | | | | | | | | |
| TONNAGE | | 0-310 | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Scales | | | | | | | | |
| Length Group (2 cm) | Age | 2 | 3 | 4 | 5 | 6 | Total No. of Ages Read | LENGTH COMPOSITION PER MILLE | | |
| | | | | | | | | Months Within Quarter | | |
| | | | | | | | | Oct | Nov | Dec |
| 36 | - | - | - | - | - | - | - | 9 | - | - |
| 38 | 5 | - | - | - | - | - | 5 | 37 | - | - |
| 40 | 6 | 6 | - | - | - | - | 12 | 130 | - | - |
| 42 | 2 | 5 | - | - | - | - | 7 | 143 | - | - |
| 44 | 1 | 5 | 1 | - | - | - | 7 | 143 | - | - |
| 46 | 2 | 12 | 1 | - | - | - | 15 | 169 | - | - |
| 48 | - | 11 | - | - | - | - | 11 | 125 | - | - |
| 50 | - | 12 | 2 | - | - | - | 14 | 90 | - | - |
| 52 | - | 10 | 5 | - | - | - | 15 | 50 | - | - |
| 54 | - | - | 2 | - | - | - | 2 | 27 | - | - |
| 56 | - | 1 | 4 | 1 | - | - | 6 | 22 | - | - |
| 58 | - | - | - | 2 | 1 | 1 | 3 | 9 | - | - |
| 60 | - | - | - | 1 | - | - | 1 | 12 | - | - |
| 62 | - | - | - | 1 | 2 | - | 3 | 9 | - | - |
| 64 | - | - | - | 1 | - | - | 1 | 8 | - | - |
| 66 | - | - | - | - | - | - | - | 5 | - | - |
| 68 | - | - | - | - | - | - | - | 3 | - | - |
| 70 | - | - | - | - | - | - | - | 1 | - | - |
| 72 | - | - | - | - | - | - | - | 2 | - | - |
| 74 | - | - | - | - | - | - | - | 1 | - | - |
| 76 | - | - | - | - | - | - | - | 1 | - | - |
| 78 | - | - | - | - | - | - | - | 2 | - | - |
| | | | | | | | | 1000 | - | - |
| Total No. of Ages Read | | 16 | 62 | 15 | 6 | 3 | 102 | X | | |
| Serial Numbers | No. of Age Samples | | | | | | 6 | | | |
| X | | Number of fish measured each month | | | | | | 450 | - | - |
| | | Mean length of fish (cm) each month | | | | | | 46.77 | - | - |
| | | Mean weight of fish (kg) each month | | | | | | 1.13 | - | - |
| | | Total weight caught or landed (tons) each month | | | | | | 452 | - | - |
| | | Estimated number caught or landed (whole numbers) each month ¹ | | | | | | 4005 | - | - |
| | | Range of depths (fm) each month | | | | | | 40-60 | - | - |
| Mesh size (inches) | | | | | | 4.5 | - | - | | |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | 2 | 3 | 4 | 5 | 6+ | Total |
|-------|-----|-----|-----|----|----|-------|
| Oct | 195 | 645 | 104 | 33 | 23 | 1000 |
| Nov | - | - | - | - | - | - |
| Dec | - | - | - | - | - | - |

¹ Numbers in 100's

TABLE 61

AGE/LENGTH TABLE - HADDOCK - 5Z - 1965 (1st QUARTER)

| GEAR | | Otter Trawl (Commercial) | | | | | | | | | | | | |
|--------------------------------------|-----|--------------------------|----|----|-----|-----|----|----|-----|------------------------|---|--------|--------|--------|
| CATCHES OR LANDINGS | | Landings | | | | | | | | | | | | |
| COUNTRY | | United States | | | | | | | | | | | | |
| TONNAGE | | 0-483 | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Scales | | | | | | | | | | | | |
| Length Group (2 cm) | Age | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | Total No. of Ages Read | LENGTH COMPOSITION PER MILLE | | | |
| | | | | | | | | | | | Months Within Quarter | | | |
| | | | | | | | | | | | Jan | Feb | Mar | |
| 34 | 1 | 1 | - | - | - | - | - | - | - | 2 | - | 2 | - | |
| 36 | 2 | 1 | - | - | - | - | - | - | - | 3 | 3 | 7 | 9 | |
| 38 | 5 | 20 | 3 | - | - | - | - | - | - | 28 | 21 | 29 | 25 | |
| 40 | 1 | 36 | 2 | - | - | - | - | - | - | 39 | 58 | 47 | 47 | |
| 42 | 1 | 46 | 0 | 1 | 1 | - | - | - | - | 49 | 68 | 92 | 60 | |
| 44 | - | 38 | 5 | 3 | 1 | 1 | - | - | - | 48 | 112 | 94 | 82 | |
| 46 | - | 43 | 13 | 1 | 3 | 0 | - | - | - | 60 | 93 | 97 | 89 | |
| 48 | - | 31 | 10 | 2 | 2 | 2 | - | - | - | 47 | 93 | 76 | 98 | |
| 50 | - | 12 | 8 | 5 | 10 | 0 | 1 | - | - | 36 | 103 | 76 | 86 | |
| 52 | - | 6 | 9 | 11 | 16 | 4 | 0 | - | - | 46 | 56 | 58 | 68 | |
| 54 | - | - | 6 | 19 | 26 | 14 | 1 | - | - | 66 | 49 | 74 | 53 | |
| 56 | - | - | 5 | 22 | 24 | 8 | 3 | 1 | - | 63 | 42 | 78 | 73 | |
| 58 | - | - | 2 | 9 | 27 | 20 | 1 | 0 | - | 59 | 49 | 64 | 76 | |
| 60 | - | - | 0 | 8 | 31 | 15 | 2 | 4 | - | 60 | 52 | 58 | 66 | |
| 62 | - | - | 0 | 3 | 27 | 28 | 2 | 4 | - | 64 | 51 | 44 | 54 | |
| 64 | - | - | 1 | 3 | 22 | 19 | 6 | 3 | - | 54 | 50 | 40 | 44 | |
| 66 | - | - | - | 0 | 5 | 18 | 6 | 4 | - | 33 | 29 | 27 | 22 | |
| 68 | - | - | - | 1 | 1 | 8 | 5 | 6 | - | 21 | 29 | 16 | 19 | |
| 70 | - | - | - | - | - | 2 | 6 | 8 | - | 16 | 16 | 10 | 13 | |
| 72 | - | - | - | - | - | 0 | 0 | 5 | - | 5 | 14 | 5 | 7 | |
| 74 | - | - | - | - | - | 1 | 1 | 3 | - | 5 | 5 | 3 | 4 | |
| 76 | - | - | - | - | - | - | 1 | 2 | - | 3 | 3 | 1 | 1 | |
| 78 | - | - | - | - | - | - | - | 1 | - | 1 | 2 | - | 1 | |
| 80 | - | - | - | - | - | - | - | 0 | - | 0 | 0 | - | - | |
| 82 | - | - | - | - | - | - | - | 1 | - | 1 | 0 | - | - | |
| 84 | - | - | - | - | - | - | - | - | - | - | 1 | - | - | |
| | | | | | | | | | | | 1000 | 1000 | 1000 | |
| Total No. of Ages Read | 10 | 234 | 64 | 88 | 196 | 140 | 35 | 42 | 809 | | | | | |
| Serial Numbers | | | | | | | | | | | No. of Age Samples 52 | | | |
| | | | | | | | | | | | Number of fish measured each month | 1646 | 2010 | 1880 |
| | | | | | | | | | | | Mean length of fish (cm) each month | 52.53 | 51.92 | 52.67 |
| | | | | | | | | | | | Mean weight of fish (kg) each month | 1.68 | 1.55 | 1.53 |
| | | | | | | | | | | | Total weight caught or landed (tons) each month | 1881 | 3398 | 6407 |
| | | | | | | | | | | | Estimated number caught or landed (whole numbers) each month ¹ | 11210 | 21877 | 41843 |
| | | | | | | | | | | | Range of depths (fm) each month | 20-115 | 25-155 | 32-150 |
| | | | | | | | | | | | Mesh size (inches) | 4.5 | 4.5 | 4.5 |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | Total |
|-------|----|-----|-----|-----|-----|-----|----|----|-------|
| Jan | 9 | 392 | 101 | 92 | 193 | 127 | 35 | 51 | 1000 |
| Feb | 14 | 382 | 97 | 108 | 211 | 128 | 29 | 31 | 1000 |
| Mar | 13 | 353 | 101 | 107 | 222 | 136 | 31 | 7 | 1000 |

¹ Numbers in 100's

AGE/LENGTH TABLE - HADDOCK - 52 - 1965 (2nd QUARTER)

TABLE 61
(cont'd)

| GEAR | | Otter Trawl (Commercial) | | | | | | | | | | | | |
|--------------------------------------|---|--------------------------|-----|----|----|-----|-----|----|----|------------------------|------------------------------|--------|--------|-------|
| CATCHES OR LANDINGS | | Landings | | | | | | | | | | | | |
| COUNTRY | | United States | | | | | | | | | | | | |
| TONNAGE | | 0-483 | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Scales | | | | | | | | | | | | |
| Length Group (2 cm) | Age | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | Total No. of Ages Read | LENGTH COMPOSITION PER MILLE | | | |
| | | | | | | | | | | | Months Within Quarter | Apr | May | Jun |
| 34 | 2 | - | - | - | - | - | - | - | - | 2 | - | - | 20 | |
| 36 | 7 | 4 | - | - | - | - | - | - | - | 11 | - | 3 | 64 | |
| 38 | 17 | 8 | - | - | 1 | - | - | - | - | 26 | 15 | 18 | 132 | |
| 40 | 27 | 25 | - | - | - | - | - | - | - | 52 | 33 | 40 | 152 | |
| 42 | 8 | 33 | - | - | 1 | - | - | - | - | 42 | 66 | 72 | 108 | |
| 44 | 1 | 53 | 6 | 1 | 1 | - | - | - | - | 62 | 121 | 90 | 63 | |
| 46 | 1 | 45 | 5 | 3 | 3 | - | - | - | - | 57 | 144 | 122 | 55 | |
| 48 | - | 29 | 12 | 7 | - | 2 | - | - | - | 50 | 131 | 100 | 62 | |
| 50 | - | 21 | 11 | 7 | 4 | - | - | - | - | 43 | 95 | 81 | 52 | |
| 52 | - | 9 | 14 | 5 | 13 | 3 | - | - | - | 44 | 84 | 75 | 32 | |
| 54 | - | 2 | 15 | 12 | 17 | 8 | - | 5 | - | 59 | 54 | 64 | 35 | |
| 56 | - | 1 | 7 | 11 | 18 | 13 | 2 | - | - | 52 | 43 | 62 | 34 | |
| 58 | - | - | 3 | 11 | 20 | 19 | 5 | 2 | - | 60 | 42 | 49 | 35 | |
| 60 | - | - | 2 | 9 | 23 | 10 | 4 | 1 | - | 49 | 35 | 40 | 29 | |
| 62 | - | - | - | 7 | 24 | 12 | 3 | 2 | - | 48 | 37 | 48 | 33 | |
| 64 | - | - | - | 3 | 15 | 13 | 6 | 5 | - | 42 | 32 | 35 | 25 | |
| 66 | - | - | - | 1 | 15 | 17 | 6 | 6 | - | 45 | 25 | 32 | 29 | |
| 68 | - | - | - | - | 5 | 8 | 4 | 5 | - | 22 | 16 | 20 | 16 | |
| 70 | - | - | - | - | 4 | 5 | 7 | 5 | - | 21 | 12 | 18 | 8 | |
| 72 | - | - | - | - | 2 | 3 | 3 | 7 | - | 15 | 10 | 14 | 5 | |
| 74 | - | - | - | - | - | - | - | 3 | - | 3 | 3 | 9 | 4 | |
| 76 | - | - | - | - | - | - | - | 1 | - | 1 | - | 4 | 3 | |
| 78 | - | - | - | - | - | - | - | - | - | - | - | 4 | 2 | |
| 80 | - | - | - | - | - | - | - | 1 | - | 1 | - | - | 1 | |
| Total No. of Ages Read | | 63 | 230 | 75 | 79 | 164 | 113 | 40 | 43 | 807 | | | | |
| Serial Numbers | | No. of Age Samples 49 | | | | | | | | | | 1861 | 1856 | 1221 |
| X | Number of fish measured each month | | | | | | | | | | | 51.40 | 52.68 | 47.62 |
| | Mean length of fish (cm) each month | | | | | | | | | | | 1.41 | 1.47 | 1.22 |
| | Mean weight of fish (kg) each month | | | | | | | | | | | 5506 | 4377 | 5846 |
| | Total weight caught or landed (tons) each month | | | | | | | | | | | 38977 | 29779 | 48061 |
| | Estimated number caught or landed (whole numbers) each month ¹ | | | | | | | | | | | 19-140 | 18-100 | 13-90 |
| | Range of depths (fm) each month | | | | | | | | | | | 4.5 | 4.5 | 4.5 |
| Mesh size (inches) | | | | | | | | | | | | | | |

| AGE COMPOSITIONS OF LANDINGS (PER MILLE) | | | | | | | | | |
|--|-----|-----|-----|----|-----|-----|----|----|-------|
| Month | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | Total |
| Apr | 44 | 431 | 130 | 98 | 150 | 89 | 27 | 31 | 1000 |
| May | 51 | 374 | 117 | 99 | 171 | 107 | 34 | 47 | 1000 |
| Jun | 249 | 390 | 66 | 66 | 106 | 71 | 23 | 29 | 1000 |

¹ Numbers in 100's

TABLE 61
(cont'd)

AGE/LENGTH TABLE - HADDOCK - 52 - 1965 (3rd QUARTER)

| GEAR | | Otter Trawl (Commercial) | | | | | | | | | | | |
|--------------------------------------|---|--------------------------|----|----|----|----|----|----|---|------------------------|------------------------------|-------|--------|
| CATCHES OR LANDINGS | | Landings | | | | | | | | | | | |
| COUNTRY | | United States | | | | | | | | | | | |
| TONNAGE | | 0-483 | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Scales | | | | | | | | | | | |
| Length Group (2 cm) | Age | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | Total No. of Ages Read | LENGTH COMPOSITION PER MILLE | | |
| | | | | | | | | | | | Months Within Quarter | | |
| | | | | | | | | | | | Jul | Aug | Sep |
| 30 | 3 | - | - | - | - | - | - | - | - | 3 | - | 1 | - |
| 32 | 11 | - | - | - | - | - | - | - | - | 11 | - | 17 | - |
| 34 | 16 | - | - | - | - | - | - | - | - | 16 | 13 | 74 | 16 |
| 36 | 75 | 2 | - | - | - | - | - | - | - | 77 | 52 | 132 | 81 |
| 38 | 98 | 7 | - | - | - | - | - | - | - | 105 | 120 | 195 | 169 |
| 40 | 87 | 5 | - | - | - | - | - | - | - | 92 | 135 | 173 | 212 |
| 42 | 44 | 17 | 1 | - | - | - | - | - | - | 62 | 106 | 118 | 161 |
| 44 | 22 | 27 | 5 | - | - | - | - | - | - | 54 | 89 | 66 | 103 |
| 46 | 2 | 39 | 1 | 1 | - | - | - | - | - | 43 | 91 | 51 | 51 |
| 48 | - | 44 | 5 | 3 | 1 | - | - | - | - | 53 | 85 | 39 | 46 |
| 50 | - | 49 | 3 | 5 | 3 | 1 | - | - | - | 61 | 70 | 32 | 31 |
| 52 | - | 49 | 14 | 5 | 4 | 2 | 1 | - | - | 75 | 37 | 30 | 31 |
| 54 | - | 32 | 18 | 7 | 8 | 5 | - | - | - | 70 | 35 | 20 | 27 |
| 56 | - | 16 | 20 | 8 | 13 | 6 | - | - | - | 63 | 33 | 15 | 20 |
| 58 | - | 1 | 8 | 15 | 12 | 6 | 2 | - | - | 44 | 28 | 9 | 13 |
| 60 | - | - | 4 | 11 | 10 | 3 | 3 | 1 | - | 32 | 25 | 8 | 13 |
| 62 | - | - | - | 8 | 15 | 8 | 1 | - | - | 32 | 21 | 5 | 10 |
| 64 | - | - | 1 | 1 | 9 | 6 | 2 | 4 | - | 23 | 16 | 4 | 7 |
| 66 | - | - | - | 1 | 9 | 4 | 2 | 2 | - | 18 | 11 | 2 | 4 |
| 68 | - | - | - | - | 5 | 2 | 3 | 2 | - | 12 | 13 | 2 | 3 |
| 70 | - | - | - | - | 1 | 3 | 1 | 3 | - | 8 | 8 | 1 | 1 |
| 72 | - | - | - | - | - | - | - | 3 | - | 3 | 5 | 1 | 1 |
| 74 | - | - | - | - | - | - | 3 | 2 | - | 5 | 1 | 1 | 1 |
| 76 | - | - | - | - | - | - | 1 | 1 | - | 2 | 2 | - | - |
| 78 | - | - | - | - | - | - | - | 1 | - | 1 | 1 | - | - |
| 80 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| 82 | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| | | | | | | | | | | | 1000 | 1000 | 1000 |
| Total No. of Ages Read | 359 | 288 | 80 | 65 | 90 | 46 | 19 | 19 | | 966 | | | |
| Serial Numbers | No. of Age Samples 57 | | | | | | | | | | | | |
| X | Number of fish measured each month | | | | | | | | | | 1757 | 2057 | 2268 |
| | Mean length of fish (cm) each month | | | | | | | | | | 47.04 | 42.12 | 43.66 |
| | Mean weight of fish (kg) each month | | | | | | | | | | 1.17 | 0.85 | 0.91 |
| | Total weight caught or landed (tons) each month | | | | | | | | | | 5302 | 4011 | 4507 |
| | Estimated number caught or landed (whole numbers) each month ¹ | | | | | | | | | | 45144 | 47290 | 49416 |
| | Range of depths (fm) each month | | | | | | | | | | 18-115 | 10-60 | 20-160 |
| Mesh size (inches) | | | | | | | | | | 4.5 | 4.5 | 4.5 | |

| Month | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | Total |
|-------|-----|-----|----|----|----|----|----|----|-------|
| Jul | 420 | 349 | 59 | 48 | 62 | 30 | 13 | 19 | 1000 |
| Aug | 679 | 229 | 32 | 20 | 21 | 10 | 4 | 5 | 1000 |
| Sep | 611 | 268 | 43 | 26 | 29 | 14 | 5 | 4 | 1000 |

¹ Numbers in 100's

TABLE 61
(cont'd)

AGE/LENGTH TABLE - HADDOCK - 5Z - 1965 (3rd QUARTER)

| GEAR | | Otter Trawl (Research) | | | | | | | | | | | | | | | |
|--------------------------------------|-----|--|-----|-----|----|---|---|---|---|----|----|-----|-----|------------------------|------------------------------|--------|--|
| CATCHES OR LANDINGS | | Catches | | | | | | | | | | | | | | | |
| COUNTRY | | Poland | | | | | | | | | | | | | | | |
| TONNAGE | | 796 | | | | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Otoliths | | | | | | | | | | | | | | | |
| Length Group (2 cm) | Age | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | Total No. of Ages Read | LENGTH COMPOSITION PER MILLE | | |
| | | | | | | | | | | | | | | | Months Within Quarter | | |
| | | | | | | | | | | | | Jul | Aug | Sep | | | |
| 26 | - | 3 | - | - | - | - | - | - | - | - | - | - | 3 | - | - | 7 | |
| 28 | 1 | 6 | 1 | - | - | - | - | - | - | - | - | - | 8 | - | - | 25 | |
| 30 | 1 | 9 | 1 | - | - | - | - | - | - | - | - | - | 11 | - | - | 54 | |
| 32 | 6 | 27 | 2 | - | - | - | - | - | - | - | - | - | 35 | - | - | 45 | |
| 34 | 2 | 37 | 4 | 1 | - | - | - | - | - | - | - | - | 44 | - | - | 58 | |
| 36 | 3 | 62 | 11 | 1 | - | - | - | - | - | - | - | - | 77 | - | - | 111 | |
| 38 | 6 | 104 | 20 | - | - | - | - | - | - | - | - | - | 130 | - | - | 179 | |
| 40 | 7 | 115 | 23 | 1 | - | - | - | - | - | - | - | - | 146 | - | - | 216 | |
| 42 | 6 | 94 | 17 | - | - | - | - | - | - | - | - | - | 117 | - | - | 145 | |
| 44 | 6 | 60 | 10 | 1 | - | 1 | - | - | - | - | - | - | 78 | - | - | 77 | |
| 46 | - | 26 | 10 | - | - | - | - | - | - | - | - | - | 36 | - | - | 34 | |
| 48 | - | 8 | 10 | 1 | - | - | - | - | - | - | - | - | 19 | - | - | 18 | |
| 50 | - | 15 | 8 | 1 | - | 1 | - | - | - | - | - | - | 25 | - | - | 11 | |
| 52 | - | 12 | 7 | 3 | 1 | - | - | - | - | - | - | - | 23 | - | - | 9 | |
| 54 | - | 6 | 11 | - | 2 | 1 | - | - | - | - | - | - | 20 | - | - | 6 | |
| 56 | - | 2 | 1 | 1 | 1 | - | - | - | - | - | - | - | 5 | - | - | 2 | |
| 58 | - | 1 | 1 | 2 | 2 | - | - | - | - | - | - | - | 6 | - | - | 3 | |
| 60 | - | - | 2 | - | 1 | 1 | - | - | - | - | - | - | 4 | - | - | - | |
| 62 | - | - | - | - | 1 | 1 | 1 | - | - | - | - | - | 3 | - | - | - | |
| 64 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 66 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 68 | - | - | - | 2 | 1 | - | - | - | 1 | - | - | - | 4 | - | - | - | |
| 70 | - | - | - | - | - | 1 | - | - | - | - | - | - | 1 | - | - | - | |
| 72 | - | - | - | - | - | - | - | 1 | - | - | - | - | 1 | - | - | - | |
| 74 | - | - | - | - | - | - | 1 | - | - | - | 1 | - | 2 | - | - | - | |
| 76 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | |
| 78 | - | - | - | - | - | 1 | - | - | - | - | - | - | 1 | - | - | - | |
| 80 | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - | - | |
| Total No. of Ages Read | | 38 | 587 | 139 | 14 | 9 | 7 | 2 | 1 | 1 | - | 1 | 1 | 800 | 1000 | | |
| Serial Numbers | | No. of Age Samples | | | | | | | | | | | | | | | |
| X | | Number of fish measured each month | | | | | | | | | | | | - | - | 14701 | |
| | | Mean length of fish (cm) each month | | | | | | | | | | | | - | - | 39.87 | |
| | | Mean weight of fish (kg) each month | | | | | | | | | | | | - | - | - | |
| | | Total weight caught or landed (tons) each month | | | | | | | | | | | | - | - | - | |
| | | Estimated number caught or landed (whole numbers) each month | | | | | | | | | | | | - | - | - | |
| | | Range of depths (m) each month | | | | | | | | | | | | - | - | 48-240 | |
| | | Mesh size (mm) | | | | | | | | | | | | - | - | 114 | |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | Total |
|-------|----|-----|-----|---|---|---|---|---|----|----|----|----|-------|
| Jul | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Aug | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Sep | 55 | 778 | 153 | 9 | 3 | 2 | - | - | - | - | - | - | 1000 |

TABLE 61
(cont'd)

AGE/LENGTH TABLE - HADDOCK - 5Z - 1965 (4th QUARTER)

| GEAR | | Otter Trawl (Commercial) | | | | | | | | | | | | |
|--------------------------------------|---|--------------------------|----|----|----|----|----|----|-----|------------------------|------------------------------|--------|--------|--|
| CATCHES OR LANDINGS | | Landings | | | | | | | | | | | | |
| COUNTRY | | United States | | | | | | | | | | | | |
| TONNAGE | | 0-483 | | | | | | | | | | | | |
| STRUCTURES USED IN AGE DETERMINATION | | Scales | | | | | | | | | | | | |
| Length Group (2 cm) | Age | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | Total No. of Ages Read | LENGTH COMPOSITION PER MILLE | | | |
| | | | | | | | | | | | Months Within Quarter | | | |
| | | | | | | | | | | | Oct | Nov | Dec | |
| 32 | - | - | - | - | - | - | - | - | - | - | 1 | - | 2 | |
| 34 | 19 | - | - | - | - | - | - | - | - | 19 | 26 | 4 | 11 | |
| 36 | 44 | 2 | - | - | - | - | - | - | - | 46 | 77 | 29 | 96 | |
| 38 | 56 | 1 | - | - | - | - | - | - | - | 57 | 134 | 84 | 159 | |
| 40 | 69 | 18 | - | - | 1 | - | - | - | - | 88 | 209 | 159 | 157 | |
| 42 | 47 | 18 | - | - | - | - | - | - | - | 65 | 179 | 167 | 167 | |
| 44 | 23 | 18 | - | - | - | - | - | - | - | 41 | 133 | 104 | 105 | |
| 46 | 5 | 31 | - | - | - | - | - | - | - | 36 | 85 | 67 | 80 | |
| 48 | 2 | 31 | 2 | - | - | - | - | - | - | 35 | 46 | 88 | 42 | |
| 50 | - | 31 | 2 | 2 | 1 | - | - | - | - | 36 | 31 | 82 | 27 | |
| 52 | - | 48 | 11 | 5 | 2 | - | - | - | - | 66 | 18 | 62 | 33 | |
| 54 | - | 37 | 18 | 5 | - | 1 | - | - | - | 61 | 16 | 39 | 23 | |
| 56 | - | 18 | 12 | 11 | 5 | 1 | - | 1 | - | 48 | 11 | 14 | 16 | |
| 58 | - | 7 | 12 | 7 | 7 | 5 | - | - | - | 38 | 7 | 14 | 13 | |
| 60 | - | - | 4 | 12 | 10 | 2 | 1 | - | - | 29 | 5 | 12 | 12 | |
| 62 | - | - | 2 | 21 | 14 | 6 | - | 1 | - | 44 | 6 | 11 | 11 | |
| 64 | - | - | 3 | 18 | 19 | 5 | 3 | - | - | 48 | 4 | 19 | 12 | |
| 66 | - | - | - | 5 | 17 | 8 | 4 | 1 | - | 35 | 3 | 12 | 8 | |
| 68 | - | - | - | 1 | 6 | 9 | 3 | 2 | - | 21 | 4 | 13 | 8 | |
| 70 | - | - | - | - | 2 | 5 | - | 5 | - | 12 | 2 | 8 | 6 | |
| 72 | - | - | - | - | 1 | 5 | 2 | 1 | - | 9 | 1 | 4 | 4 | |
| 74 | - | - | - | - | 1 | 3 | 1 | 5 | - | 10 | 1 | 2 | 3 | |
| 76 | - | - | - | - | - | - | 5 | 5 | - | 10 | - | 2 | 2 | |
| 78 | - | - | - | - | - | - | 1 | 1 | - | 2 | - | 1 | 1 | |
| 80 | - | - | - | - | - | - | - | - | - | - | - | 1 | - | |
| 82 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 84 | - | - | - | - | - | - | - | 1 | - | 1 | - | - | - | |
| | | | | | | | | | | | 1000 | 1000 | 1000 | |
| Total No. of Ages Read | 265 | 260 | 66 | 88 | 85 | 50 | 20 | 23 | 857 | | | | | |
| Serial Numbers | No. of Age Samples 50 | | | | | | | | | | | | | |
| X | Number of fish measured each month | | | | | | | | | | 1405 | 1934 | 1603 | |
| | Mean length of fish (cm) each month | | | | | | | | | | 43.32 | 46.86 | 44.53 | |
| | Mean weight of fish (kg) each month | | | | | | | | | | 0.92 | 1.18 | 1.02 | |
| | Total weight caught or landed (tons) each month | | | | | | | | | | 3955 | 3503 | 3979 | |
| | Estimated number caught or landed (whole numbers) each month ¹ | | | | | | | | | | 43293 | 29522 | 38938 | |
| | Range of depths (fm) each month | | | | | | | | | | 20-90 | 20-118 | 31-150 | |
| Mesh size (inches) | | | | | | | | | | 4.5 | 4.5 | 4.5 | | |

AGE COMPOSITIONS OF LANDINGS (PER MILLE)

| Month | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | Total |
|-------|-----|-----|----|----|----|----|---|---|-------|
| Oct | 612 | 326 | 19 | 18 | 13 | 7 | 2 | 3 | 1000 |
| Nov | 433 | 411 | 42 | 40 | 35 | 22 | 8 | 9 | 1000 |
| Dec | 578 | 308 | 27 | 30 | 26 | 17 | 6 | 8 | 1000 |

¹ Numbers in 100's

TABLE 63

LENGTH FREQUENCIES - REDFISH - 2J - 1965

(FREQUENCIES IN ‰ - 1 CM GROUPS)

| GEAR | Otter Trawl (Exploratory) | | | | | | | | |
|----------------------------|------------------------------|-------|---------|-------|-------|---------|-------|-------|---------|
| | Catches | | | | | | | | |
| CATCHES/LANDINGS | February | | | March | | | May | | |
| MONTH | | | | | | | | | |
| COUNTRY | USSR | | | | | | | | |
| SPECIES OR TYPE | <i>S. mentella</i> | | | | | | | | |
| SEX | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. |
| TONNAGE | 1800 | | | | | | | | |
| 23 | 2 | 2 | 4 | - | - | - | - | - | - |
| 24 | - | - | - | - | - | - | - | - | - |
| 25 | 9 | 5 | 14 | 1 | 2 | 3 | - | - | - |
| 26 | 9 | 4 | 13 | 2 | 3 | 5 | - | - | - |
| 27 | 28 | 11 | 39 | 9 | 8 | 17 | 3 | 2 | 5 |
| 28 | 34 | 21 | 55 | 8 | 13 | 21 | 4 | 5 | 9 |
| 29 | 17 | 7 | 24 | 10 | 14 | 28 | 6 | 5 | 11 |
| 30 | 41 | 25 | 66 | 20 | 28 | 48 | 3 | 9 | 12 |
| 31 | 11 | 10 | 21 | 15 | 20 | 35 | 3 | 5 | 8 |
| 32 | 20 | 8 | 28 | 19 | 18 | 37 | 9 | 10 | 19 |
| 33 | 12 | 6 | 18 | 20 | 19 | 39 | 11 | 12 | 23 |
| 34 | 17 | 9 | 26 | 24 | 20 | 44 | 22 | 17 | 39 |
| 35 | 64 | 48 | 112 | 65 | 51 | 116 | 39 | 45 | 84 |
| 36 | 51 | 28 | 79 | 52 | 40 | 92 | 51 | 65 | 116 |
| 37 | 48 | 38 | 86 | 46 | 47 | 93 | 53 | 51 | 104 |
| 38 | 41 | 32 | 73 | 34 | 32 | 66 | 60 | 40 | 100 |
| 39 | 21 | 11 | 32 | 18 | 26 | 44 | 55 | 27 | 82 |
| 40 | 39 | 35 | 74 | 29 | 39 | 68 | 65 | 41 | 106 |
| 41 | 22 | 15 | 37 | 10 | 22 | 32 | 42 | 26 | 68 |
| 42 | 21 | 16 | 37 | 10 | 27 | 37 | 28 | 27 | 55 |
| 43 | 11 | 11 | 22 | 12 | 23 | 35 | 22 | 24 | 46 |
| 44 | 8 | 10 | 18 | 9 | 21 | 30 | 16 | 25 | 41 |
| 45 | 16 | 34 | 50 | 9 | 40 | 49 | 9 | 17 | 26 |
| 46 | 2 | 19 | 21 | 4 | 23 | 27 | 4 | 17 | 21 |
| 47 | 5 | 18 | 23 | 3 | 20 | 23 | 2 | 11 | 13 |
| 48 | 1 | 12 | 13 | 1 | 6 | 7 | - | 5 | 5 |
| 49 | - | 1 | 1 | - | 3 | 3 | - | 2 | 2 |
| 50 | - | 5 | 5 | - | 4 | 4 | - | 3 | 3 |
| 51 | - | - | - | - | 1 | 1 | - | 2 | 2 |
| 52 | - | 2 | 2 | - | - | - | - | - | - |
| 53 | - | 1 | 1 | - | - | - | - | - | - |
| 54 | - | - | - | - | - | - | - | - | - |
| 55 | - | 3 | 3 | - | - | - | - | - | - |
| 56 | - | 1 | 1 | - | - | - | - | - | - |
| 57 | - | 2 | 2 | - | - | - | - | - | - |
| Total ‰ | 550 | 450 | 1000 | 430 | 570 | 1000 | 507 | 493 | 1000 |
| Serial Numbers | - | - | - | - | - | - | - | - | - |
| Number of Samples | - | - | - | - | - | - | - | - | - |
| Number of Fish Measured | 936 | 766 | 1702 | 2176 | 2862 | 5038 | 1438 | 1392 | 2830 |
| Mean Length (cm) | 35.22 | 38.17 | 36.56 | 36.07 | 37.95 | 37.12 | 38.18 | 38.65 | 38.41 |
| Mean Weight (kg) | - | - | - | 0.477 | 0.623 | 0.546 | 0.797 | 0.899 | 0.850 |
| Total Weight Landed (tons) | - | - | 744 | - | - | 1143 | - | - | 1268 |
| Estimated Number Landed | - | - | - | - | - | 2093407 | - | - | 1491765 |
| Mesh(mm) or Hook(no.) Size | - | - | 110 | - | - | 110 | - | - | 110 |
| Range of Depths (fm) | - | - | 200-400 | - | - | 205-400 | - | - | 262-378 |

TABLE 63
(cont'd)

LENGTH FREQUENCIES - REDFISH - 2J - 1965

(FREQUENCIES IN ‰ - 1 CM GROUPS)

| GEAR | Otter Trawl (Exploratory) | | | | | |
|----------------------------|------------------------------|-------|---------|---------|-------|---------|
| | Catches | | | | | |
| CATCHES/LANDINGS | July | | | October | | |
| MONTH | USSR | | | | | |
| COUNTRY | <i>S. mentella</i> | | | | | |
| SPECIES OR TYPE | | | | | | |
| SEX | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. |
| TONNAGE | 1800 | | | | | |
| 24 | - | - | - | 2 | - | 2 |
| 25 | - | - | - | 4 | - | 4 |
| 26 | 1 | 1 | 2 | 4 | 2 | 6 |
| 27 | 2 | 2 | 4 | 15 | 2 | 17 |
| 28 | 4 | 4 | 8 | 7 | 4 | 11 |
| 29 | 4 | 3 | 7 | 13 | 7 | 20 |
| 30 | 5 | 3 | 8 | 28 | 22 | 50 |
| 31 | 9 | 8 | 17 | 9 | 4 | 13 |
| 32 | 21 | 14 | 35 | 11 | 9 | 20 |
| 33 | 26 | 16 | 42 | 17 | 24 | 41 |
| 34 | 31 | 19 | 50 | 35 | 33 | 68 |
| 35 | 34 | 26 | 60 | 93 | 65 | 158 |
| 36 | 45 | 32 | 77 | 55 | 77 | 132 |
| 37 | 61 | 46 | 107 | 120 | 67 | 187 |
| 38 | 66 | 54 | 120 | 35 | 51 | 86 |
| 39 | 38 | 39 | 77 | 22 | 29 | 51 |
| 40 | 39 | 46 | 85 | 9 | 26 | 35 |
| 41 | 42 | 48 | 90 | 4 | 20 | 24 |
| 42 | 36 | 53 | 89 | 2 | 17 | 19 |
| 43 | 20 | 38 | 58 | - | 13 | 13 |
| 44 | 9 | 23 | 32 | - | 11 | 11 |
| 45 | 4 | 15 | 19 | - | 7 | 7 |
| 46 | 1 | 8 | 9 | - | 7 | 7 |
| 47 | - | 3 | 3 | - | 9 | 9 |
| 48 | - | 1 | 1 | - | 5 | 5 |
| 49 | - | - | - | - | 4 | 4 |
| Total ‰ | 498 | 502 | 1000 | 485 | 515 | 1000 |
| Serial Numbers | - | - | - | - | - | - |
| Number of Samples | - | - | - | - | - | - |
| Number of Fish Measured | 7703 | 7761 | 15464 | 264 | 281 | 545 |
| Mean Length (cm) | 37.44 | 38.74 | 38.09 | 34.92 | 37.14 | 36.07 |
| Mean Weight (kg) | 0.930 | 1.039 | 0.996 | - | - | - |
| Total Weight Landed (tons) | - | - | 18 | - | - | 8 |
| Estimated Number Landed | - | - | 18072 | - | - | - |
| Mesh(mm) or Hook(no.) Size | - | - | 110 | - | - | 110 |
| Range of Depths (fm) | - | - | 190-315 | - | - | 145-150 |

TABLE 64

LENGTH FREQUENCIES - REDFISH - 3L - 1965

(FREQUENCIES IN % - 1 CM GROUPS)

| GEAR | Otter Trawl | | | | | |
|--------------------------------------|------------------|------------------|------------------|--------------------|-------|---------|
| | (Commercial) | | | (Exploratory) | | |
| CATCHES/LANDINGS | Landings | | | Catches | | |
| MONTH | March | | | June | | |
| COUNTRY | United States | | | USSR | | |
| SPECIES OR TYPE | NK | | | <i>S. mentella</i> | | |
| SEX | ♂ | ♀ | Tot. | ♂ | ♀ | Tot. |
| TONNAGE | 216-310 | | | 1800 | | |
| 19 | 20 | - | 20 | - | - | - |
| 20 | 10 | - | 10 | - | - | - |
| 21 | 20 | 10 | 30 | - | - | - |
| 22 | 50 | 10 | 60 | - | 2 | 2 |
| 23 | 50 | 60 | 110 | 2 | 2 | 4 |
| 24 | 80 | 20 | 100 | 4 | 9 | 13 |
| 25 | 110 | 80 | 190 | 8 | 11 | 19 |
| 26 | 40 | 80 | 120 | 21 | 38 | 59 |
| 27 | 40 | 60 | 100 | 23 | 29 | 52 |
| 28 | 30 | 20 | 50 | 21 | 28 | 49 |
| 29 | 20 | 20 | 40 | 17 | 42 | 59 |
| 30 | 30 | 30 | 60 | 18 | 50 | 68 |
| 31 | 10 | - | 10 | 15 | 54 | 69 |
| 32 | 20 | - | 20 | 26 | 58 | 84 |
| 33 | - | 10 | 10 | 21 | 49 | 70 |
| 34 | - | - | - | 23 | 43 | 66 |
| 35 | - | 10 | 10 | 30 | 42 | 72 |
| 36 | - | 40 | 40 | 24 | 38 | 62 |
| 37 | - | 10 | 10 | 17 | 32 | 49 |
| 38 | - | - | - | 8 | 27 | 35 |
| 39 | - | 10 | 10 | 8 | 27 | 35 |
| 40 | - | - | - | 3 | 30 | 33 |
| 41 | - | - | - | - | 26 | 26 |
| 42 | - | - | - | 1 | 30 | 31 |
| 43 | - | - | - | - | 20 | 20 |
| 44 | - | - | - | - | 10 | 10 |
| 45 | - | - | - | - | 10 | 10 |
| 46 | - | - | - | - | 3 | 3 |
| Total % | 530 | 470 | 1000 | 290 | 710 | 1000 |
| Serial Numbers | - | - | - | - | - | - |
| Number of Samples | - | - | 1 | - | - | - |
| Number of Fish Measured | 53 | 47 | 100 | 946 | 2329 | 3275 |
| Mean Length (cm) | 25.11 | 27.47 | 26.22 | 31.74 | 33.72 | 33.15 |
| Mean Weight (kg) | 0.26 | 0.34 | 0.30 | - | - | - |
| Total Weight Landed (tons) | 29 | 33 | 62 | - | - | 72 |
| Estimated Number Landed ¹ | 1094 | 970 | 2064 | - | - | - |
| Mesh(mm) or Hook(no.) Size | 2.5 ² | 2.5 ² | 2.5 ² | - | - | 110 |
| Range of Depths (fm) | - | - | 61-100 | - | - | 105-165 |

¹ Numbers in 100's² Mesh size in inches

TABLE 64
(cont'd)

LENGTH FREQUENCIES - REDFISH - 3L - 1965

(FREQUENCIES IN ‰ - 1 CM GROUPS)

| GEAR | Otter Trawl | | | | | | | | |
|----------------------------|--------------------|-------|---------|--------|-------|---------|-----------|-------|---------|
| | (Exploratory) | | | | | | | | |
| CATCHES/LANDINGS | Catches | | | | | | | | |
| MONTH | July | | | August | | | September | | |
| COUNTRY | USSR | | | | | | | | |
| SPECIES OR TYPE | <i>S. mentella</i> | | | | | | | | |
| SEX | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. |
| TONNAGE | 1800 | | | | | | | | |
| 21 | - | - | - | 1 | - | 1 | - | - | - |
| 22 | - | - | - | - | - | - | - | - | - |
| 23 | - | - | - | 1 | 1 | 2 | - | - | - |
| 24 | - | 1 | 1 | 3 | 3 | 6 | 1 | - | 1 |
| 25 | 1 | 1 | 2 | 4 | 2 | 6 | 1 | 3 | 4 |
| 26 | 4 | 3 | 7 | 14 | 13 | 27 | 3 | 3 | 6 |
| 27 | 3 | 4 | 7 | 38 | 33 | 71 | 9 | 11 | 20 |
| 28 | 8 | 7 | 15 | 39 | 46 | 85 | 8 | 14 | 22 |
| 29 | 8 | 8 | 16 | 21 | 39 | 60 | 9 | 9 | 18 |
| 30 | 12 | 13 | 25 | 16 | 35 | 51 | 10 | 10 | 20 |
| 31 | 9 | 11 | 20 | 22 | 58 | 80 | 14 | 12 | 26 |
| 32 | 22 | 19 | 41 | 33 | 80 | 113 | 26 | 16 | 42 |
| 33 | 40 | 15 | 55 | 28 | 58 | 86 | 34 | 13 | 47 |
| 34 | 58 | 20 | 78 | 39 | 44 | 83 | 57 | 19 | 76 |
| 35 | 91 | 27 | 118 | 18 | 21 | 39 | 88 | 44 | 132 |
| 36 | 84 | 23 | 107 | 18 | 29 | 47 | 82 | 41 | 123 |
| 37 | 48 | 31 | 79 | 20 | 35 | 55 | 51 | 39 | 90 |
| 38 | 17 | 42 | 59 | 10 | 37 | 47 | 31 | 37 | 68 |
| 39 | 7 | 63 | 70 | 8 | 16 | 24 | 10 | 33 | 43 |
| 40 | 1 | 96 | 97 | 3 | 22 | 25 | 9 | 66 | 75 |
| 41 | - | 65 | 65 | 1 | 18 | 19 | 2 | 42 | 44 |
| 42 | 1 | 59 | 60 | 1 | 25 | 26 | 2 | 49 | 51 |
| 43 | - | 34 | 34 | - | 27 | 27 | 2 | 33 | 35 |
| 44 | - | 21 | 21 | - | 12 | 12 | 1 | 18 | 19 |
| 45 | - | 18 | 18 | - | 3 | 3 | - | 24 | 24 |
| 46 | - | 4 | 4 | - | 3 | 3 | - | 6 | 6 |
| 47 | - | 1 | 1 | - | 2 | 2 | - | 4 | 4 |
| 48 | - | - | - | - | - | - | - | 3 | 3 |
| 49 | - | - | - | - | - | - | - | 1 | 1 |
| Total ‰ | 414 | 586 | 1000 | 338 | 662 | 1000 | 450 | 550 | 1000 |
| Serial Numbers | - | - | - | - | - | - | - | - | - |
| Number of Samples | - | - | - | - | - | - | - | - | - |
| Number of Fish Measured | 2047 | 2892 | 4939 | 498 | 975 | 1473 | 1949 | 2378 | 4327 |
| Mean Length (cm) | 34.52 | 38.49 | 36.84 | 31.60 | 33.90 | 33.12 | 34.71 | 37.94 | 36.48 |
| Mean Weight (kg) | 0.675 | 0.975 | 0.846 | - | - | - | 0.741 | 1.136 | 1.060 |
| Total Weight Landed (tons) | - | - | 1499 | - | - | 1681 | - | - | 224 |
| Estimated Number Landed | - | - | 1771868 | - | - | - | - | - | 211321 |
| Mesh(mm) or Hook(no.) Size | - | - | 110 | - | - | 110 | - | - | 110 |
| Range of Depths (fm) | - | - | 125-180 | - | - | 150-195 | - | - | 115-225 |

TABLE 65

LENGTH FREQUENCIES - REDFISH - 3M

(FREQUENCIES IN ‰ - 1 CM GROUPS)

| GEAR | Otter Trawl (Exploratory) | | | | | | | | |
|----------------------------|------------------------------|-------|---------|-------|-------|---------|-------|-------|---------|
| | Catches | | | | | | | | |
| CATCHES/LANDINGS | February | | | June | | | July | | |
| MONTH | USSR | | | | | | | | |
| COUNTRY | <i>S. mentella</i> | | | | | | | | |
| SPECIES OR TYPE | | | | | | | | | |
| SEX | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. |
| TONNAGE | 1800 | | | | | | | | |
| 17 | - | - | - | - | 1 | 1 | - | - | - |
| 18 | - | - | - | - | 1 | 1 | - | - | - |
| 19 | - | - | - | - | 6 | 6 | - | - | - |
| 20 | 1 | - | 1 | 8 | 8 | 16 | - | - | - |
| 21 | 1 | - | 1 | 7 | 21 | 28 | - | - | - |
| 22 | 1 | 1 | 2 | 23 | 24 | 47 | - | - | - |
| 23 | - | - | - | 25 | 26 | 51 | - | - | - |
| 24 | 3 | 1 | 4 | 27 | 20 | 47 | - | - | - |
| 25 | 6 | 2 | 8 | 31 | 24 | 55 | - | - | - |
| 26 | 13 | 4 | 17 | 16 | 18 | 34 | - | - | - |
| 27 | 16 | 8 | 24 | 7 | 6 | 13 | - | - | - |
| 28 | 16 | 8 | 24 | 5 | 5 | 10 | 2 | - | 2 |
| 29 | 11 | 12 | 23 | 2 | 1 | 3 | 3 | - | 3 |
| 30 | 12 | 14 | 26 | 12 | 10 | 22 | 9 | - | 9 |
| 31 | 15 | 15 | 30 | 21 | 7 | 28 | 16 | 4 | 20 |
| 32 | 23 | 14 | 37 | 46 | 15 | 61 | 71 | 22 | 93 |
| 33 | 35 | 18 | 53 | 40 | 25 | 65 | 106 | 22 | 128 |
| 34 | 39 | 28 | 67 | 69 | 51 | 120 | 105 | 29 | 134 |
| 35 | 78 | 89 | 167 | 56 | 74 | 130 | 112 | 50 | 162 |
| 36 | 43 | 82 | 125 | 38 | 68 | 106 | 87 | 64 | 151 |
| 37 | 26 | 92 | 118 | 12 | 49 | 61 | 73 | 75 | 148 |
| 38 | 9 | 74 | 83 | 9 | 44 | 53 | 37 | 52 | 89 |
| 39 | 5 | 51 | 56 | 4 | 21 | 25 | 5 | 21 | 26 |
| 40 | 4 | 57 | 61 | 2 | 10 | 12 | 3 | 16 | 19 |
| 41 | 1 | 27 | 28 | - | 1 | 1 | - | 9 | 9 |
| 42 | 1 | 15 | 16 | - | 3 | 3 | - | 4 | 4 |
| 43 | - | 9 | 9 | - | 1 | 1 | - | 3 | 3 |
| 44 | - | 5 | 5 | - | - | - | - | - | - |
| 45 | - | 9 | 9 | - | - | - | - | - | - |
| 46 | - | 3 | 3 | - | - | - | - | - | - |
| 47 | - | 3 | 3 | - | - | - | - | - | - |
| Total ‰ | 359 | 641 | 1000 | 460 | 540 | 1000 | 629 | 371 | 1000 |
| Serial Numbers | - | - | - | - | - | - | - | - | - |
| Number of Samples | - | - | - | - | - | - | - | - | - |
| Number of Fish Measured | 2289 | 4110 | 6399 | 625 | 729 | 1354 | 1151 | 680 | 1831 |
| Mean Length (cm) | 33.07 | 36.57 | 35.32 | 30.57 | 31.93 | 31.30 | 34.56 | 36.30 | 35.21 |
| Mean Weight (kg) | 0.482 | 0.652 | 0.627 | 0.428 | 0.557 | 0.494 | - | - | - |
| Total Weight Landed (tons) | - | - | 7 | - | - | 1640 | - | - | 744 |
| Estimated Number Landed | - | - | 11164 | - | - | 3319838 | - | - | - |
| Mesh(mm) or Hook(no.) Size | - | - | 110 | - | - | 110 | - | - | 110 |
| Range of Depths (fm) | - | - | 150-250 | - | - | 200-230 | - | - | 290-310 |

TABLE 65
(cont'd)

LENGTH FREQUENCIES - REDFISH - 3M - 1965

(FREQUENCIES IN ‰ - 1 CM GROUPS)

| GEAR | Otter Trawl | | | | | | | | |
|----------------------------|--------------------|-------|---------|--------------------|-----------------|---------|-------------------|------|---------|
| | (Exploratory) | | | (Research) | | | | | |
| CATCHES/LANDINGS | | | | Catches | | | | | |
| MONTH | September | | | June | | | June | | |
| COUNTRY | USSR | | | Poland | | | | | |
| SPECIES OR TYPE | <i>S. mentella</i> | | | <i>S. mentella</i> | | | <i>S. marinus</i> | | |
| SEX | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. |
| TONNAGE | 1800 | | | 770 | | | | | |
| 17 | - | - | - | - | 1 | 1 | - | - | - |
| 18 | - | - | - | 1 | 1 | 2 | - | - | - |
| 19 | - | - | - | 1 | 2 | 3 | - | - | - |
| 20 | - | - | - | 1 | 1 | 2 | - | - | - |
| 21 | - | - | - | 1 | 1 | 2 | - | - | - |
| 22 | - | - | - | - | 1 | 1 | - | - | - |
| 23 | - | - | - | 1 | 1 | 2 | - | - | - |
| 24 | - | - | - | - | 1 | 1 | - | - | - |
| 25 | 2 | 2 | 4 | 1 | 3 | 4 | - | - | - |
| 26 | 2 | 4 | 6 | 1 | 4 | 5 | - | - | - |
| 27 | 9 | 4 | 13 | 3 | 5 | 8 | - | - | - |
| 28 | 13 | 15 | 28 | 4 | 11 | 15 | - | - | - |
| 29 | 39 | 42 | 81 | 4 | 9 | 13 | - | - | - |
| 30 | 22 | 39 | 61 | 13 | 8 | 21 | - | - | - |
| 31 | 26 | 26 | 52 | 15 | 12 | 27 | - | - | - |
| 32 | 39 | 9 | 48 | 34 | 24 | 58 | - | - | - |
| 33 | 69 | 9 | 78 | 61 | 31 | 92 | - | - | - |
| 34 | 58 | 13 | 71 | 67 | 42 | 109 | 4 | - | 4 |
| 35 | 163 | 47 | 210 | 72 | 84 | 156 | 7 | 4 | 11 |
| 36 | 108 | 60 | 168 | 38 | 104 | 142 | 25 | 4 | 29 |
| 37 | 19 | 42 | 61 | 24 | 108 | 132 | 40 | 4 | 44 |
| 38 | 9 | 22 | 31 | 8 | 76 | 84 | 36 | 11 | 47 |
| 39 | 2 | 13 | 15 | 1 | 53 | 54 | 47 | 4 | 51 |
| 40 | - | 26 | 26 | 1 | 46 | 47 | 61 | 18 | 79 |
| 41 | - | 13 | 13 | - | 13 | 13 | 108 | 11 | 119 |
| 42 | - | 15 | 15 | - | 5 | 5 | 65 | 4 | 69 |
| 43 | - | 9 | 9 | - | 1 | 1 | 79 | 25 | 104 |
| 44 | - | 6 | 6 | - | - | - | 68 | 18 | 86 |
| 45 | - | 4 | 4 | - | - | - | 40 | 22 | 62 |
| 46 | - | - | - | - | - | - | 40 | 29 | 69 |
| 47 | - | - | - | - | - | - | 18 | 58 | 76 |
| 48 | - | - | - | - | - | - | 18 | 25 | 43 |
| 49 | - | - | - | - | - | - | 11 | 36 | 47 |
| 50 | - | - | - | - | - | - | 7 | 40 | 47 |
| 51 | - | - | - | - | - | - | - | 7 | 7 |
| 52 | - | - | - | - | - | - | - | 7 | 7 |
| Total ‰ | 580 | 420 | 1000 | 352 | 648 | 1000 | 674 | 326 | 1000 |
| Serial Numbers | - | - | - | - | - | - | - | - | - |
| Number of Samples | - | - | - | - | - | 1 | - | - | 1 |
| Number of Fish Measured | 269 | 196 | 465 | 1373 | 2510 | 3883 | 187 | 90 | 277 |
| Mean Length (cm) | 33.66 | 34.84 | 34.16 | 33.7 | 35.7 | 35.0 | 41.8 | 45.7 | 43.1 |
| Mean Weight (kg) | - | - | - | - | - | - | - | - | - |
| Total Weight Landed (tons) | - | - | 24 | - | - | - | - | - | - |
| Estimated Number Landed | - | - | - | - | - | - | - | - | - |
| Mesh(mm) or Hook(no.) Size | - | - | 110 | - | Selection Gear- | - | Selection Gear- | - | - |
| Range of Depths (fm) | - | - | 145-185 | - | - | 153-197 | - | - | 153-197 |

TABLE 66

LENGTH FREQUENCIES - REDFISH - 3N - 1965

(FREQUENCIES IN ‰ - 1 CM GROUPS)

| GEAR | Otter Trawl (Exploratory) | | | | | |
|----------------------------|------------------------------|-------|--------|-------|-------|---------|
| | Catches | | | | | |
| CATCHES/LANDINGS | June | | | July | | |
| MONTH | USSR | | | | | |
| COUNTRY | <i>S. mentella</i> | | | | | |
| SPECIES OR TYPE | | | | | | |
| SEX | ♂ | ♀ | Tot. | ♂ | ♀ | Tot. |
| TONNAGE | 1800 | | | | | |
| 21 | - | 1 | 1 | - | - | - |
| 22 | - | - | - | - | 1 | 1 |
| 23 | 3 | 2 | 5 | 1 | 3 | 4 |
| 24 | 5 | 10 | 15 | 3 | 4 | 7 |
| 25 | 15 | 21 | 36 | 10 | 13 | 23 |
| 26 | 28 | 39 | 67 | 24 | 20 | 44 |
| 27 | 24 | 45 | 69 | 20 | 14 | 34 |
| 28 | 20 | 35 | 55 | 21 | 16 | 37 |
| 29 | 26 | 45 | 71 | 16 | 20 | 36 |
| 30 | 19 | 61 | 80 | 22 | 32 | 54 |
| 31 | 16 | 54 | 70 | 14 | 29 | 43 |
| 32 | 22 | 46 | 68 | 28 | 32 | 60 |
| 33 | 15 | 37 | 52 | 22 | 36 | 58 |
| 34 | 23 | 40 | 63 | 35 | 39 | 74 |
| 35 | 14 | 39 | 53 | 75 | 44 | 119 |
| 36 | 20 | 38 | 58 | 39 | 31 | 70 |
| 37 | 10 | 30 | 40 | 28 | 32 | 60 |
| 38 | 11 | 32 | 43 | 13 | 33 | 46 |
| 39 | 3 | 32 | 35 | 7 | 28 | 35 |
| 40 | - | 33 | 33 | 2 | 63 | 65 |
| 41 | - | 22 | 22 | 1 | 30 | 31 |
| 42 | - | 24 | 24 | - | 36 | 36 |
| 43 | - | 16 | 16 | - | 23 | 23 |
| 44 | - | 12 | 12 | - | 16 | 16 |
| 45 | - | 9 | 9 | - | 15 | 15 |
| 46 | - | 3 | 3 | - | 7 | 7 |
| 47 | - | - | - | - | 2 | 2 |
| Total ‰ | 274 | 726 | 1000 | 381 | 619 | 1000 |
| Serial Numbers | - | - | - | - | - | - |
| Number of Samples | - | - | - | - | - | - |
| Number of Fish Measured | 583 | 1542 | 2125 | 1370 | 2235 | 3605 |
| Mean Length (cm) | 30.73 | 33.33 | 32.62 | 32.59 | 35.63 | 34.48 |
| Mean Weight (kg) | - | - | - | - | - | - |
| Total Weight Landed (tons) | - | - | 15 | - | - | 40 |
| Estimated Number Landed | - | - | - | - | - | - |
| Mesh(mm) or Hook(no.) Size | - | - | 110 | - | - | 110 |
| Range of Depths (fm) | - | - | 75-205 | - | - | 140-180 |

| GEAR | Otter Trawl | | | | | |
|----------------------------|-------------------------|----|--------------------|------------|----------------|-------|
| | (Commercial) | | | (Research) | | |
| CATCHES/LANDINGS | Landings after discards | | | Catches | | |
| MONTH | March | | | April | | |
| COUNTRY | Canada (Newfoundland) | | | Poland | | |
| SPECIES OR TYPE | <i>S. mentella</i> | | | | | |
| SEX | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. |
| TONNAGE | 151-500 | | | 770 | | |
| 12 | - | - | - | - | 6 | 6 |
| 13 | - | - | - | 31 | 35 | 66 |
| 14 | - | - | - | 136 | 136 | 272 |
| 15 | - | - | - | 124 | 134 | 258 |
| 16 | - | - | - | 18 | 14 | 32 |
| 17 | - | - | - | 14 | 8 | 22 |
| 18 | - | - | - | 35 | 35 | 70 |
| 19 | - | - | 2 | 34 | 30 | 64 |
| 20 | - | - | - | 16 | 30 | 46 |
| 21 | - | - | 7 | 14 | 12 | 26 |
| 22 | - | - | 2 | 12 | 8 | 20 |
| 23 | - | - | 24 | 16 | 10 | 26 |
| 24 | - | - | 42 | 6 | 2 | 8 |
| 25 | - | - | 81 | 10 | 8 | 18 |
| 26 | - | - | 114 | 20 | 6 | 26 |
| 27 | - | - | 156 | 14 | 4 | 18 |
| 28 | - | - | 146 | 12 | 2 | 14 |
| 29 | - | - | 86 | 2 | - | 2 |
| 30 | - | - | 74 | - | - | - |
| 31 | - | - | 79 | - | 4 | 4 |
| 32 | - | - | 54 | - | - | - |
| 33 | - | - | 59 | - | - | - |
| 34 | - | - | 42 | - | - | - |
| 35 | - | - | 15 | - | - | - |
| 36 | - | - | 12 | - | - | - |
| 37 | - | - | 5 | - | - | - |
| 38 | - | - | 2 | - | - | - |
| Total ‰ | - | - | 1002 | 514 | 486 | 1000 |
| Serial Numbers | - | - | - | - | - | - |
| Number of Samples | - | - | 1 | - | - | 2 |
| Number of Fish Measured | - | - | 595 | 260 | 246 | 506 |
| Mean Length (cm) | - | - | 28.50 | 17.3 | 16.8 | 16.5 |
| Mean Weight (kg) | - | - | 0.36 | - | - | - |
| Total Weight Landed (tons) | - | - | - | - | - | - |
| Estimated Number Landed | - | - | - | - | - | - |
| Mesh(mm) or Hook(no.) Size | - | - | 4 1/2 ¹ | - | Selection Gear | - |
| Range of Depths (fm) | - | - | 180 | - | - | 55-98 |

¹ Mesh size - manilla, inches

TABLE 68

LENGTH FREQUENCIES - REDFISH - 3Pn - 1965

(FREQUENCIES IN ‰ - 1 CM GROUPS)

| GEAR | Otter Trawl (Commercial) | | | | | |
|----------------------------|-----------------------------|----|--------------------|-------|-------|--------------------|
| | Landings after discard | | | | | |
| CATCHES/LANDINGS | March | | March | | March | |
| MONTH | Canada (Newfoundland) | | | | | |
| COUNTRY | <i>S. mantella</i> | | | | | |
| SPECIES OR TYPE | | | | | | |
| SEX | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. |
| FOUNNAGE | 151-500 | | | | | |
| 15 | - | - | 1 | - | - | - |
| 16 | - | - | 4 | - | - | - |
| 17 | - | - | 2 | - | - | - |
| 18 | - | - | 4 | - | - | - |
| 19 | - | - | 7 | - | - | - |
| 20 | - | - | 18 | - | - | - |
| 21 | - | - | 11 | 2 | - | 2 |
| 22 | - | - | 27 | 12 | 5 | 17 |
| 23 | - | - | 41 | 22 | 12 | 34 |
| 24 | - | - | 84 | 44 | 22 | 66 |
| 25 | - | - | 124 | 88 | 29 | 117 |
| 26 | - | - | 163 | 66 | 76 | 142 |
| 27 | - | - | 132 | 37 | 88 | 125 |
| 28 | - | - | 76 | 37 | 37 | 74 |
| 29 | - | - | 52 | 46 | 20 | 66 |
| 30 | - | - | 45 | 54 | 27 | 81 |
| 31 | - | - | 47 | 54 | 24 | 78 |
| 32 | - | - | 30 | 32 | 22 | 54 |
| 33 | - | - | 26 | 10 | 34 | 44 |
| 34 | - | - | 33 | 5 | 15 | 20 |
| 35 | - | - | 26 | 2 | 20 | 22 |
| 36 | - | - | 18 | - | 20 | 20 |
| 37 | - | - | 11 | - | 17 | 17 |
| 38 | - | - | 8 | - | 10 | 10 |
| 39 | - | - | 3 | - | 5 | 5 |
| 40 | - | - | 6 | - | 10 | 10 |
| 41 | - | - | 1 | - | - | - |
| Total ‰ | - | - | 1000 | 511 | 493 | 1004 |
| Serial Numbers | - | - | - | - | - | - |
| Number of Samples | - | - | 2 | - | - | 1 |
| Number of Fish Measured | - | - | 1353 | - | - | 410 |
| Mean Length (cm) | - | - | 27.41 | 27.47 | 29.43 | 28.45 |
| Mean Weight (kg) | - | - | 0.32 | - | - | 0.35 |
| Total Weight Landed (tons) | - | - | 704.8 | - | - | 704.8 |
| Estimated Number Landed | - | - | 2234358 | - | - | 1995158 |
| Mesh(mm) or Hook(no.) Size | - | - | 4 1/2 ¹ | - | - | 4 1/2 ² |
| Range of Depths (fm) | - | - | 120-145 | - | - | 151-200 |

¹ Mesh size - manilla, inches² Mesh size - nylon, inches

TABLE 68
(cont'd)

LENGTH FREQUENCIES - REDFISH - 3Pn - 1965

(FREQUENCIES IN ‰ - 1 CM GROUPS)

| GEAR | Otter Trawl | | | | | |
|----------------------------|------------------------|-------|--------------------|---------|-------|--------------------|
| | (Commercial) | | | | | |
| CATCHES/LANDINGS | Landings after discard | | | | | |
| MONTH | March | | | October | | |
| COUNTRY | Canada (Newfoundland) | | | | | |
| SPECIES OR TYPE | <i>S. mentalla</i> | | | | | |
| SEX | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. |
| TONNAGE | 151-500 | | | | | |
| 15 | - | - | - | - | 3 | 3 |
| 16 | - | - | - | - | - | - |
| 17 | 3 | - | 3 | - | - | - |
| 18 | 1 | - | 1 | - | 3 | 3 |
| 19 | - | - | - | - | - | - |
| 20 | 3 | - | 3 | 3 | - | 3 |
| 21 | 1 | 4 | 5 | 15 | 3 | 18 |
| 22 | 11 | 9 | 20 | 15 | 18 | 33 |
| 23 | 31 | 17 | 48 | 26 | 6 | 32 |
| 24 | 69 | 40 | 109 | 23 | 3 | 26 |
| 25 | 67 | 67 | 134 | 64 | 29 | 93 |
| 26 | 62 | 89 | 151 | 64 | 26 | 90 |
| 27 | 32 | 65 | 97 | 134 | 26 | 160 |
| 28 | 22 | 38 | 60 | 85 | 56 | 141 |
| 29 | 28 | 9 | 37 | 99 | 79 | 178 |
| 30 | 39 | 20 | 59 | 23 | 53 | 76 |
| 31 | 30 | 16 | 46 | 18 | 67 | 85 |
| 32 | 15 | 23 | 38 | 6 | 15 | 21 |
| 33 | 1 | 43 | 44 | 3 | - | 3 |
| 34 | 3 | 38 | 41 | - | 9 | 9 |
| 35 | 1 | 35 | 36 | 3 | 6 | 9 |
| 36 | 1 | 23 | 24 | 9 | 6 | 15 |
| 37 | - | 13 | 13 | - | 3 | 3 |
| 38 | - | 19 | 19 | - | - | - |
| 39 | - | 5 | 5 | - | - | - |
| 40 | - | 7 | 7 | - | - | - |
| Total ‰/oo | 420 | 580 | 1000 | 590 | 411 | 1001 |
| Serial Numbers | - | - | - | - | - | - |
| Number of Samples | - | - | 2 | - | - | 1 |
| Number of Fish Measured | - | - | 744 | - | - | 342 |
| Mean Length (cm) | 26.50 | 29.26 | 28.10 | 27.04 | 28.51 | 27.65 |
| Mean Weight (kg) | - | - | 0.36 | - | - | 0.27 |
| Total Weight Landed (tons) | - | - | 704.8 | - | - | 1185.3 |
| Estimated Number Landed | - | - | 1981018 | - | - | 4464519 |
| Mesh(mm) or Hook(no.) Size | - | - | 4 1/2 ¹ | - | - | small ² |
| Range of Depths (fm) | - | - | 120-160 | - | - | 150 |

¹ Mesh size - inches² Mesh size - manilla

TABLE 69

LENGTH FREQUENCIES - REDFISH - 3Ps - 1965

(FREQUENCIES IN ‰ - 1 CM GROUPS)

| GEAR | Otter Trawl | | | | | |
|----------------------------|------------------------|-------|--------------------|---------|----|--------------------|
| | (Commercial) | | | | | |
| CATCHES/LANDINGS | Landings after discard | | | | | |
| MONTH | March | | | March | | |
| COUNTRY | Canada (Newfoundland) | | | | | |
| SPECIES OR TYPE | <i>S. mentella</i> | | | | | |
| SEX | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. |
| TONNAGE | 0-50 | | | 151-500 | | |
| 17 | 2 | - | 2 | - | - | - |
| 18 | 5 | - | 5 | - | - | 3 |
| 19 | 6 | 1 | 7 | - | - | 3 |
| 20 | 7 | 4 | 11 | - | - | 5 |
| 21 | 14 | 10 | 24 | - | - | 5 |
| 22 | 29 | 13 | 42 | - | - | 6 |
| 23 | 27 | 25 | 52 | - | - | 22 |
| 24 | 23 | 18 | 41 | - | - | 54 |
| 25 | 33 | 20 | 53 | - | - | 98 |
| 26 | 51 | 30 | 81 | - | - | 166 |
| 27 | 86 | 38 | 124 | - | - | 145 |
| 28 | 76 | 51 | 127 | - | - | 87 |
| 29 | 44 | 44 | 88 | - | - | 85 |
| 30 | 29 | 44 | 73 | - | - | 79 |
| 31 | 21 | 54 | 75 | - | - | 71 |
| 32 | 21 | 39 | 60 | - | - | 58 |
| 33 | 23 | 25 | 48 | - | - | 36 |
| 34 | 6 | 25 | 31 | - | - | 27 |
| 35 | 8 | 15 | 23 | - | - | 14 |
| 36 | - | 14 | 14 | - | - | 19 |
| 37 | 2 | 6 | 8 | - | - | 2 |
| 38 | - | 4 | 4 | - | - | 3 |
| 39 | - | 4 | 4 | - | - | 5 |
| 40 | - | 1 | 1 | - | - | 5 |
| 41 | - | - | - | - | - | 2 |
| Total ‰ | 513 | 485 | 998 | - | - | 1000 |
| Serial Numbers | - | - | - | - | - | - |
| Number of Samples | - | - | 2 | - | - | 1 |
| Number of Fish Measured | - | - | 839 | - | - | 633 |
| Mean Length (cm) | 27.04 | 29.14 | 28.05 | - | - | 28.20 |
| Mean Weight (kg) | - | - | 0.35 | - | - | 0.34 |
| Total Weight Landed (tons) | - | - | 42.2 | - | - | 808.2 |
| Estimated Number Landed | - | - | 121407 | - | - | 2397642 |
| Mesh(mm) or Hook(no.) Size | - | - | 3 1/2 ¹ | - | - | 4 1/2 ² |
| Range of Depths (fm) | - | - | 115-150 | - | - | 135 |

1 Mesh size - Courene, inches

2 Mesh size - Manilla, inches

TABLE 69
(cont'd)

LENGTH FREQUENCIES - REDFISH - 3Ps - 1965

(FREQUENCIES IN ‰ - 1 CM GROUPS)

| GEAR | Otter Trawl (Commercial) | | | | | | | | |
|----------------------------|-----------------------------|-------|--------------------|---------|-------|---------|---------|-------|---------|
| | Landings after discard | | | | | | | | |
| CATCHES/LANDINGS | March | | | October | | | October | | |
| MONTH | Canada (Newfoundland) | | | | | | | | |
| COUNTRY | <i>S. mentella</i> | | | | | | | | |
| SPECIES OR TYPE | | | | | | | | | |
| SEX | ♂ | ♀ | Tot. | ♂ | ♀ | Tot. | ♂ | ♀ | Tot. |
| TONNAGE | 151-500 | | | | | | | | |
| 18 | - | - | - | - | 2 | 2 | - | - | - |
| 19 | - | - | - | 2 | - | 2 | - | - | - |
| 20 | - | - | - | 2 | - | 2 | - | - | - |
| 21 | 1 | 3 | 4 | 7 | 2 | 9 | 4 | - | 4 |
| 22 | 3 | 4 | 7 | 13 | 11 | 24 | - | - | - |
| 23 | 12 | 7 | 19 | 7 | 2 | 9 | 8 | 7 | 15 |
| 24 | 40 | 27 | 67 | 20 | 13 | 33 | 15 | 8 | 23 |
| 25 | 50 | 23 | 73 | 24 | 7 | 31 | 23 | 19 | 42 |
| 26 | 46 | 67 | 113 | 33 | 7 | 40 | 49 | 19 | 68 |
| 27 | 47 | 70 | 117 | 90 | 28 | 118 | 95 | 27 | 122 |
| 28 | 50 | 54 | 104 | 139 | 42 | 181 | 91 | 61 | 152 |
| 29 | 39 | 21 | 60 | 154 | 59 | 213 | 98 | 98 | 196 |
| 30 | 39 | 19 | 58 | 53 | 79 | 132 | 68 | 95 | 163 |
| 31 | 33 | 20 | 53 | 20 | 50 | 70 | 15 | 87 | 102 |
| 32 | 24 | 17 | 41 | 6 | 29 | 35 | 15 | 27 | 42 |
| 33 | 5 | 46 | 51 | 6 | 9 | 15 | 7 | 7 | 14 |
| 34 | - | 46 | 46 | 13 | 6 | 19 | 4 | - | 4 |
| 35 | 4 | 51 | 55 | 6 | 6 | 12 | 4 | 4 | 8 |
| 36 | 1 | 28 | 29 | 11 | 6 | 17 | 8 | 4 | 12 |
| 37 | 1 | 23 | 24 | 6 | 20 | 26 | - | 19 | 19 |
| 38 | 4 | 28 | 32 | - | 2 | 2 | - | 4 | 4 |
| 39 | - | 17 | 17 | - | 7 | 7 | - | 8 | 8 |
| 40 | - | 17 | 17 | - | - | - | - | 4 | 4 |
| 41 | 3 | 8 | 11 | - | 2 | 2 | - | - | - |
| 42 | - | 1 | 1 | - | - | - | - | - | - |
| 43 | - | 3 | 3 | 2 | - | 2 | - | - | - |
| Total ‰ | 402 | 600 | 1002 | 614 | 389 | 1003 | 504 | 498 | 1002 |
| Serial Numbers | - | - | - | - | - | - | - | - | - |
| Number of Samples | - | - | 2 | - | - | 2 | - | - | 1 |
| Number of Fish Measured | - | - | 747 | - | - | 545 | - | - | 264 |
| Mean Length (cm) | 27.83 | 31.12 | 29.84 | 28.24 | 29.88 | 28.89 | 28.20 | 29.81 | 29.01 |
| Mean Weight (kg) | - | - | 0.48 | - | - | 0.30 | - | - | 0.34 |
| Total Weight Landed (tons) | - | - | 808.2 | - | - | 893.2 | - | - | 893.2 |
| Estimated Number Landed | - | - | 1694062 | - | - | 2994912 | - | - | 2596836 |
| Mesh(mm) or Hook(no.) Size | - | - | 4 1/2 ¹ | - | - | small | - | - | small |
| Range of Depths (fm) | - | - | 155-165 | - | - | 130-170 | - | - | 110-175 |

¹ Mesh size - Manila and Nylon, inches

TABLE 70

LENGTH FREQUENCIES - REDFISH - 3P - 1965

(FREQUENCIES IN ‰ - 1 CM GROUPS)

| GEAR | Otter Trawl | | | | | |
|----------------------------|-------------------|----------------|--------|--------------------|----------------|--------|
| | (Research) | | | | | |
| CATCHES/LANDINGS | Catches | | | | | |
| MONTH | May | | | NK | | |
| COUNTRY | Poland | | | | | |
| SPECIES OR TYPE | <i>S. maximus</i> | | | <i>S. mentella</i> | | |
| SEX | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. |
| TONNAGE | 770 | | | | | |
| 11 | - | - | - | 1 | - | 1 |
| 12 | - | - | - | 1 | - | 1 |
| 13 | - | - | - | 3 | 1 | 4 |
| 14 | - | - | - | 10 | 2 | 12 |
| 15 | - | - | - | 26 | 12 | 38 |
| 16 | - | - | - | 27 | 15 | 42 |
| 17 | - | - | - | 33 | 21 | 54 |
| 18 | - | - | - | 55 | 38 | 93 |
| 19 | - | - | - | 66 | 50 | 116 |
| 20 | - | - | - | 79 | 71 | 150 |
| 21 | - | - | - | 42 | 41 | 83 |
| 22 | - | - | - | 22 | 30 | 52 |
| 23 | - | - | - | 15 | 18 | 33 |
| 24 | - | - | - | 8 | 14 | 22 |
| 25 | - | - | - | 9 | 14 | 23 |
| 26 | - | - | - | 8 | 11 | 19 |
| 27 | - | - | - | 10 | 6 | 16 |
| 28 | - | - | - | 12 | 6 | 18 |
| 29 | - | - | - | 19 | 3 | 22 |
| 30 | - | - | - | 18 | 9 | 27 |
| 31 | - | - | - | 16 | 11 | 27 |
| 32 | - | - | - | 9 | 9 | 18 |
| 33 | - | - | - | 7 | 13 | 20 |
| 34 | - | - | - | 3 | 15 | 18 |
| 35 | - | - | - | 3 | 20 | 23 |
| 36 | 7 | - | 7 | 1 | 21 | 22 |
| 37 | - | - | - | 1 | 20 | 21 |
| 38 | - | 7 | 7 | 1 | 13 | 14 |
| 39 | 7 | - | 7 | - | 5 | 5 |
| 40 | 37 | 7 | 44 | - | 3 | 3 |
| 41 | 51 | 7 | 58 | - | 2 | 2 |
| 42 | 80 | 15 | 95 | - | 1 | 1 |
| 43 | 51 | 7 | 58 | - | - | - |
| 44 | 44 | 44 | 88 | - | - | - |
| 45 | 73 | 73 | 146 | - | - | - |
| 46 | 22 | 44 | 66 | - | - | - |
| 47 | 7 | 44 | 51 | - | - | - |
| 48 | 15 | 73 | 88 | - | - | - |
| 49 | 7 | 59 | 66 | - | - | - |
| 50 | 22 | 22 | 44 | - | - | - |
| 51 | - | 51 | 51 | - | - | - |
| 52 | - | 37 | 37 | - | - | - |
| 53 | - | 37 | 37 | - | - | - |
| 54 | - | 7 | 7 | - | - | - |
| 55 | - | 7 | 7 | - | - | - |
| 56 | - | - | - | - | - | - |
| 57 | - | 15 | 15 | - | - | - |
| 58 | - | 7 | 7 | - | - | - |
| 59 | - | 7 | 7 | - | - | - |
| 60 | - | 7 | 7 | - | - | - |
| Total ‰ | 423 | 577 | 1000 | 505 | 495 | 1000 |
| Serial Numbers | - | - | - | - | - | - |
| Number of Samples | - | - | 1 | - | - | 2 |
| Number of Fish Measured | 58 | 79 | 137 | 2026 | 1982 | 4008 |
| Mean Length (cm) | 43.4 | 48.4 | 46.3 | 21.3 | 24.6 | 22.9 |
| Mean Weight (kg) | - | - | - | - | - | - |
| Total Weight Landed (tons) | - | - | - | - | - | - |
| Estimated Number Landed | - | - | - | - | - | - |
| Mesh(mm) or Hook(no.) Size | - | Selection Gear | - | - | Selection Gear | - |
| Range of Depths (fm) | - | - | 82-180 | - | - | 82-180 |

| GEAR | Otter Trawl (Commercial) | | | | | | | | |
|----------------------------|-----------------------------|-------|--------------------|------------------------|-------|----------------------|---------|-------|--------------------|
| | Landings | | | Landings after discard | | | | | |
| CATCHES/LANDINGS | September | | | September | | | October | | |
| MONTH | Canada (Maritimes) | | | Canada (Newfoundland) | | | | | |
| COUNTRY | NK | | | <i>S. mentella</i> | | | | | |
| SPECIES OR TYPE | 00 | 00 | Tot. | 00 | 00 | Tot. | 00 | 00 | Tot. |
| SEX | 151-500 | | | | | | | | |
| TONNAGE | | | | | | | | | |
| 14 | - | - | - | 2 | - | 2 | - | - | - |
| 15 | - | - | - | - | - | - | - | 4 | 4 |
| 16 | - | - | - | - | - | - | - | - | - |
| 17 | - | - | - | - | - | - | - | 4 | 4 |
| 18 | - | - | - | 2 | - | 2 | - | - | - |
| 19 | - | - | - | - | - | - | 7 | - | 7 |
| 20 | - | - | - | 2 | - | 2 | 7 | - | 7 |
| 21 | 12 | - | 12 | 3 | 3 | 6 | 7 | 4 | 11 |
| 22 | 16 | - | 16 | 7 | 3 | 10 | 4 | - | 4 |
| 23 | 44 | 4 | 48 | 10 | 5 | 15 | 25 | 25 | 50 |
| 24 | 24 | 4 | 28 | 16 | 9 | 25 | 40 | 22 | 62 |
| 25 | 68 | 4 | 72 | 26 | 12 | 38 | 83 | 33 | 116 |
| 26 | 40 | 4 | 44 | 33 | 7 | 40 | 69 | 47 | 116 |
| 27 | 80 | 8 | 88 | 45 | 16 | 61 | 72 | 22 | 94 |
| 28 | 148 | 32 | 180 | 78 | 22 | 100 | 105 | 43 | 148 |
| 29 | 84 | 16 | 100 | 84 | 64 | 148 | 58 | 47 | 105 |
| 30 | 48 | 16 | 64 | 45 | 71 | 116 | 33 | 40 | 73 |
| 31 | 32 | 8 | 40 | 19 | 86 | 105 | 11 | 25 | 36 |
| 32 | 16 | 20 | 36 | 9 | 43 | 52 | 7 | 33 | 40 |
| 33 | 32 | 8 | 40 | 12 | 26 | 38 | 25 | 4 | 29 |
| 34 | 12 | 12 | 24 | 9 | 16 | 25 | 7 | 7 | 14 |
| 35 | 24 | 32 | 56 | 40 | 12 | 52 | 14 | - | 14 |
| 36 | - | 24 | 24 | 33 | 7 | 40 | 4 | 7 | 11 |
| 37 | 8 | 40 | 48 | 21 | 10 | 31 | 4 | 7 | 11 |
| 38 | - | 28 | 28 | 12 | 12 | 24 | 11 | 4 | 15 |
| 39 | 4 | 28 | 32 | 3 | 24 | 27 | 4 | 7 | 11 |
| 40 | - | 12 | 12 | - | 17 | 17 | - | 11 | 11 |
| 41 | - | 4 | 4 | - | 17 | 17 | - | 14 | 14 |
| 42 | - | 4 | 4 | 2 | 3 | 5 | - | - | - |
| 43 | - | - | - | - | 3 | 3 | - | - | - |
| Total %/00 | 692 | 308 | 1000 | 513 | 488 | 1001 | 590 | 410 | 1000 |
| Serial Numbers | - | - | 161 | - | - | - | - | - | - |
| Number of Samples | - | - | 1 | - | - | 2 | - | - | 1 |
| Number of Fish Measured | 173 | 77 | 250 | - | - | 580 | - | - | 276 |
| Mean Length (cm) | 27.99 | 33.90 | 29.81 | 29.69 | 31.75 | 30.68 | 27.64 | 29.03 | 28.20 |
| Mean Weight (kg) | - | - | 0.40 | - | - | 0.41 | - | - | 0.31 |
| Total Weight Landed (tons) | - | - | - | - | - | 777.9 | - | - | 359.2 |
| Estimated Number Landed | - | - | - | - | - | 1875172 | - | - | 1167598 |
| Mesh(mm) or Hook(no.) Size | - | - | 3 1/2 ¹ | - | - | 3 1/2-4 ² | - | - | 3 1/2 ¹ |
| Range of Depths (fm) | - | - | 130 | - | - | 120-150 | - | - | 120-140 |

¹ Mesh size - inches² Mesh size - Nylon, inches

TABLE 72

LENGTH FREQUENCIES - REDFISH - 4S - 1965

(FREQUENCIES IN ‰ - 1 CM GROUPS)

| GEAR | Otter Trawl | | | | | | | | |
|----------------------------|--------------------|-------|--------------------|------------------|--------------------------|-------|-----------|--------------------------|---------|
| | (Commercial) | | | | | | | | |
| CATCHES/LANDINGS | Landings | | | | | | | | |
| MONTH | July | | | August | | | September | | |
| COUNTRY | Canada (Maritimes) | | | | | | | | |
| SPECIES OR TYPE | NK | | | | | | | | |
| SEX | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. |
| TONNAGE | 151-500 | | | 26-50 and 51-150 | | | | | |
| 20 | - | - | - | - | - | - | 2 | - | 2 |
| 21 | - | - | - | - | - | - | - | 8 | 8 |
| 22 | - | - | - | - | - | - | - | 12 | 12 |
| 23 | - | - | - | 5 | - | 5 | 10 | 15 | 25 |
| 24 | 3 | - | 3 | 20 | 15 | 35 | 25 | 35 | 60 |
| 25 | 6 | - | 6 | 40 | 40 | 80 | 43 | 45 | 88 |
| 26 | 21 | - | 21 | 35 | 65 | 100 | 43 | 38 | 81 |
| 27 | 51 | - | 51 | 50 | 75 | 125 | 82 | 38 | 120 |
| 28 | 57 | 9 | 66 | 65 | 85 | 150 | 98 | 70 | 168 |
| 29 | 128 | 6 | 134 | 55 | 110 | 165 | 48 | 80 | 128 |
| 30 | 99 | 18 | 117 | 20 | 60 | 80 | 15 | 70 | 85 |
| 31 | 114 | 36 | 150 | 30 | 60 | 90 | 2 | 55 | 57 |
| 32 | 99 | 30 | 129 | 10 | 15 | 25 | 10 | 12 | 22 |
| 33 | 21 | 18 | 39 | 10 | 10 | 20 | 8 | 8 | 16 |
| 34 | 9 | 39 | 48 | 5 | 10 | 15 | 8 | 8 | 16 |
| 35 | 3 | 45 | 48 | 5 | 10 | 15 | 2 | 10 | 12 |
| 36 | 3 | 69 | 72 | - | 20 | 20 | 18 | 10 | 28 |
| 37 | - | 51 | 51 | 15 | 10 | 25 | 12 | - | 12 |
| 38 | - | 21 | 21 | 5 | 10 | 15 | 8 | 12 | 20 |
| 39 | - | 24 | 24 | 5 | 10 | 15 | - | 12 | 12 |
| 40 | - | 12 | 12 | - | 15 | 15 | - | 12 | 12 |
| 41 | - | 3 | 3 | - | - | - | - | 8 | 8 |
| 42 | - | 6 | 6 | - | - | - | - | - | - |
| 43 | - | - | - | - | 5 | 5 | - | 8 | 8 |
| Total ‰ | 614 | 387 | 1001 | 375 | 625 | 1000 | 434 | 566 | 1000 |
| Serial Numbers | - | - | 162 | - | - | 163 | - | - | 164,165 |
| Number of Samples | - | - | 1 | - | - | 1 | - | - | 2 |
| Number of Fish Measured | 205 | 129 | 334 | 75 | 125 | 200 | 174 | 226 | 400 |
| Mean Length (cm) | 29.86 | 34.88 | 31.80 | 28.63 | 29.57 | 29.22 | 28.22 | 29.23 | 28.79 |
| Mean Weight (kg) | - | - | 0.44 | - | - | 0.34 | - | - | 0.32 |
| Total Weight Landed (tons) | - | - | - | - | - | - | - | - | - |
| Estimated Number Landed | - | - | - | - | - | - | - | - | - |
| Mesh(mm) or Hook(no.) Size | - | - | 3 1/2 ¹ | - | 4 3/8-4 5/8 ¹ | - | - | 4 3/8-4 5/8 ¹ | - |
| Range of Depths (fm) | - | - | 135-140 | - | - | 150 | - | - | 140-145 |

¹ Mesh size - inches

| GEAR | Otter Trawl (Commercial) | | |
|----------------------------|-----------------------------|-------|--------------------|
| CATCHES/LANDINGS | Landings | | |
| MONTH | June | | |
| COUNTRY | Canada (Maritimes) | | |
| SPECIES OR TYPE | NK | | |
| SEX | ♂ ¹ | ♀ | Tot. |
| TONNAGE | 51-150 | | |
| 21 | 5 | - | 5 |
| 22 | - | - | - |
| 23 | 5 | - | 5 |
| 24 | - | - | - |
| 25 | 10 | 10 | 20 |
| 26 | 30 | 15 | 45 |
| 27 | 35 | 50 | 85 |
| 28 | 85 | 60 | 145 |
| 29 | 30 | 70 | 100 |
| 30 | 20 | 60 | 80 |
| 31 | 10 | 25 | 35 |
| 32 | 15 | 5 | 20 |
| 33 | 40 | - | 40 |
| 34 | 40 | 15 | 55 |
| 35 | 40 | 10 | 50 |
| 36 | 80 | 15 | 95 |
| 37 | 70 | 25 | 95 |
| 38 | 25 | 15 | 40 |
| 39 | 15 | 15 | 30 |
| 40 | - | 45 | 45 |
| 41 | - | 5 | 5 |
| 42 | - | - | - |
| 43 | - | 5 | 5 |
| Total ‰ | 555 | 445 | 1000 |
| Serial Numbers | - | - | 166 |
| Number of Samples | - | - | 1 |
| Number of Fish Measured | 111 | 89 | 200 |
| Mean Length (cm) | 32.29 | 31.76 | 32.06 |
| Mean Weight (kg) | - | - | 0.53 |
| Total Weight Landed (tons) | - | - | - |
| Estimated Number Landed | - | - | - |
| Mesh(mm) or Hook(no.) Size | - | - | 4 3/8 ¹ |
| Range of Depths (fm) | - | - | 100 |

¹ Mesh size - inches

TABLE 74 LENGTH FREQUENCIES - REDFISH - 4R, 4S and 4T - 1965 (FREQUENCIES IN ‰ - 1 CM GROUPS)

| GEAR | Otter Trawl (Commercial) | | | | | |
|----------------------------|-----------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| | Landings | | | | | |
| CATCHES/LANDINGS | February | | | March | | |
| MONTH | United States | | | | | |
| COUNTRY | NK | | | | | |
| SPECIES OR TYPE | NK | | | | | |
| SEX | ♂ | ♀ | Tot. | ♂ | ♀ | Tot. |
| TONNAGE | 105-440 | | | | | |
| 20 | - | 3 | 3 | - | - | - |
| 21 | - | - | - | - | - | - |
| 22 | 7 | - | 7 | 3 | - | 3 |
| 23 | 33 | 10 | 43 | 7 | 7 | 14 |
| 24 | 33 | 10 | 43 | 27 | 3 | 30 |
| 25 | 63 | 57 | 120 | 93 | 40 | 133 |
| 26 | 90 | 100 | 190 | 50 | 67 | 117 |
| 27 | 40 | 57 | 97 | 30 | 77 | 107 |
| 28 | 37 | 57 | 93 | 10 | 43 | 53 |
| 29 | 47 | 17 | 63 | 40 | 13 | 53 |
| 30 | 23 | 13 | 37 | 60 | 13 | 73 |
| 31 | 30 | 23 | 53 | 53 | 20 | 73 |
| 32 | 13 | 63 | 77 | 20 | 40 | 60 |
| 33 | 7 | 67 | 73 | 13 | 47 | 60 |
| 34 | - | 53 | 53 | 3 | 77 | 80 |
| 35 | - | 13 | 13 | 3 | 70 | 73 |
| 36 | - | 20 | 20 | - | 27 | 27 |
| 37 | - | 7 | 7 | - | 10 | 10 |
| 38 | - | 3 | 3 | - | 20 | 20 |
| 39 | - | - | - | - | 7 | 7 |
| 40 | - | 3 | 3 | - | 3 | 3 |
| 41 | - | - | - | - | 3 | 3 |
| Total ‰ | 423 | 577 | 1000 | 413 | 587 | 1000 |
| Serial Numbers | - | - | - | - | - | - |
| Number of Samples | - | - | 3 | - | - | 3 |
| Number of Fish Measured | 127 | 173 | 300 | 124 | 176 | 300 |
| Mean Length (cm) | 26.87 | 29.50 | 28.38 | 27.85 | 30.94 | 29.67 |
| Mean Weight (kg) | 0.31 | 0.41 | 0.37 | 0.34 | 0.48 | 0.42 |
| Total Weight Landed (tons) | 270 | 494 | 764 | 382 | 753 | 1135 |
| Estimated Number Landed | 8757 ¹ | 11929 ¹ | 20685 ¹ | 11087 ¹ | 15736 ¹ | 26824 ¹ |
| Mesh(mm) or Hook(no.) Size | - | - | 2.5 ² | - | - | 2.5 ² |
| Range of Depths (fm) | - | - | 101-150 | - | - | 101-150 |

¹ Numbers in 100's² Mesh size - inches

TABLE 74
(cont'd)

LENGTH FREQUENCIES - REDFISH - 4R, 4S and 4T - 1965

(FREQUENCIES IN %/00 - 1 CM GROUPS)

| GEAR | Otter Trawl (Commercial) | | | | | |
|----------------------------|-----------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| | Landings | | | | | |
| CATCHES/LANDINGS | June | | | October | | |
| MONTH | United States | | | | | |
| COUNTRY | NK | | | | | |
| SPECIES OR TYPE | | | | | | |
| SEX | ♂ | ♀ | Tot. | ♂ | ♀ | Tot. |
| TONNAGE | 105-440 | | | | | |
| 18 | 5 | - | 5 | - | - | - |
| 19 | 2 | - | 3 | - | - | - |
| 20 | 5 | 5 | 10 | 2 | 1 | 4 |
| 21 | 5 | 2 | 8 | 7 | 4 | 11 |
| 22 | 12 | 12 | 25 | 21 | 7 | 29 |
| 23 | 15 | 25 | 40 | 54 | 14 | 68 |
| 24 | 37 | 20 | 57 | 61 | 29 | 90 |
| 25 | 35 | 35 | 70 | 60 | 34 | 94 |
| 26 | 50 | 40 | 90 | 79 | 55 | 134 |
| 27 | 105 | 60 | 165 | 91 | 66 | 158 |
| 28 | 75 | 125 | 200 | 57 | 91 | 149 |
| 29 | 35 | 120 | 155 | 62 | 45 | 108 |
| 30 | 17 | 75 | 93 | 36 | 42 | 79 |
| 31 | 7 | 15 | 23 | 7 | 10 | 17 |
| 32 | 2 | 7 | 10 | 12 | 12 | 25 |
| 33 | 2 | 10 | 13 | 4 | 7 | 11 |
| 34 | 2 | 2 | 5 | 4 | 7 | 11 |
| 35 | 5 | 5 | 10 | 4 | 4 | 8 |
| 36 | - | 7 | 8 | 1 | 1 | 2 |
| 37 | - | 2 | 3 | - | - | - |
| 38 | - | 5 | 5 | - | 4 | 4 |
| 39 | - | - | - | - | - | - |
| 40 | - | - | - | - | - | - |
| 41 | - | - | - | - | - | - |
| 42 | - | - | - | - | - | - |
| 43 | - | - | - | - | - | - |
| 44 | - | - | - | - | - | - |
| 45 | - | 5 | 5 | - | - | - |
| Total %/00 | 420 | 580 | 1000 | 565 | 435 | 1000 |
| Serial Numbers | - | - | - | - | - | - |
| Number of Samples | - | - | 4 | - | - | 8 |
| Number of Fish Measured | 168 | 232 | 400 | 452 | 348 | 800 |
| Mean Length (cm) | 26.59 | 28.14 | 27.49 | 26.48 | 27.59 | 26.97 |
| Mean Weight (kg) | 0.30 | 0.36 | 0.34 | 0.29 | 0.34 | 0.31 |
| Total Weight Landed (tons) | 336 | 553 | 889 | 1456 | 1264 | 2720 |
| Estimated Number Landed | 11200 ¹ | 15467 ¹ | 26667 ¹ | 49067 ¹ | 37777 ¹ | 86845 ¹ |
| Mesh(mm) or Hook(no.) Size | - | - | 2.5 ² | - | - | 2.5 ² |
| Range of Depths (fm) | - | - | 101-150 | - | - | 101-150 |

¹ Numbers in 100's² Mesh size - inches

TABLE 74 LENGTH FREQUENCIES - REDFISH - 4R, 4S and 4T - 1965 (FREQUENCIES IN ‰ - 1 CM GROUPS)
(cont'd)

| GEAR | Otter Trawl (Commercial) | | | | | |
|----------------------------|-----------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| | Landings | | | | | |
| CATCHES/LANDINGS | November | | | December | | |
| MONTH | United States | | | | | |
| COUNTRY | NK | | | | | |
| SPECIES OR TYPE | | | | | | |
| SEX | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. |
| TONNAGE | 105-440 | | | | | |
| 20 | 3 | 7 | 10 | - | - | - |
| 21 | 13 | - | 13 | 10 | - | 10 |
| 22 | 50 | 20 | 70 | 20 | - | 20 |
| 23 | 57 | 43 | 100 | 20 | 30 | 50 |
| 24 | 117 | 53 | 170 | 160 | 90 | 250 |
| 25 | 73 | 40 | 113 | 170 | 50 | 220 |
| 26 | 63 | 93 | 157 | 130 | 40 | 170 |
| 27 | 50 | 63 | 113 | - | 100 | 100 |
| 28 | 37 | 57 | 93 | 10 | 100 | 110 |
| 29 | 43 | 33 | 77 | - | 30 | 30 |
| 30 | 13 | 30 | 43 | 10 | 10 | 20 |
| 31 | 20 | 7 | 27 | 20 | - | 20 |
| 32 | - | 7 | 7 | - | - | - |
| 33 | - | 3 | 3 | - | - | - |
| 34 | - | - | - | - | - | - |
| 35 | - | 3 | 3 | - | - | - |
| Total ‰ | 540 | 460 | 1000 | 550 | 450 | 1000 |
| Serial Numbers | - | - | - | - | - | - |
| Number of Samples | - | - | 3 | - | - | 1 |
| Number of Fish Measured | 162 | 138 | 300 | 55 | 45 | 100 |
| Mean Length (cm) | 25.34 | 26.28 | 25.77 | 25.05 | 26.24 | 25.59 |
| Mean Weight (kg) | 0.26 | 0.29 | 0.27 | 0.25 | 0.29 | 0.26 |
| Total Weight Landed (tons) | 834 | 790 | 1624 | 458 | 429 | 887 |
| Estimated Number Landed | 32049 ¹ | 27301 ¹ | 59350 ¹ | 18423 ¹ | 15073 ¹ | 33496 ¹ |
| Mesh(mm) or Hook(no.) Size | - | - | 2.5 ² | - | - | 2.5 ² |
| Range of Depths (fm) | - | - | 101-150 | - | - | 101-150 |

¹ Numbers in 100's

² Mesh size - inches

| GEAR | Otter Trawl | | |
|----------------------------|--------------------|-------|--------------------|
| CATCHES/LANDINGS | (Commercial) | | |
| MONTH | Landings | | |
| COUNTRY | July | | |
| SPECIES OR TYPE | Canada (Maritimes) | | |
| SEX | NK | | |
| TONNAGE | ♂ | ♀ | Tot. |
| | 51-150 | | |
| 24 | 5 | 5 | 10 |
| 25 | 15 | 20 | 35 |
| 26 | 40 | 10 | 50 |
| 27 | 25 | 30 | 55 |
| 28 | 125 | 85 | 210 |
| 29 | 115 | 120 | 235 |
| 30 | 70 | 80 | 150 |
| 31 | 20 | 20 | 40 |
| 32 | 25 | 15 | 40 |
| 33 | 5 | 10 | 15 |
| 34 | 5 | 15 | 20 |
| 35 | 5 | 15 | 20 |
| 36 | 15 | 5 | 20 |
| 37 | 15 | 10 | 25 |
| 38 | 5 | 20 | 25 |
| 39 | 5 | 15 | 20 |
| 40 | 5 | 10 | 15 |
| 41 | - | 10 | 10 |
| 42 | - | - | - |
| 43 | - | 5 | 5 |
| Total % | 500 | 500 | 1000 |
| Serial Numbers | - | - | 167 |
| Number of Samples | - | - | 1 |
| Number of Fish Measured | 100 | 100 | 200 |
| Mean Length (cm) | 29.51 | 30.67 | 30.09 |
| Mean Weight (kg) | - | - | 0.34 |
| Total Weight Landed (tons) | - | - | - |
| Estimated Number Landed | - | - | - |
| Mesh(mm) or Hook(no.) Size | - | - | 4 3/8 ¹ |
| Range of Depths (fm) | - | - | 140-150 |

¹ Mesh size - inches

TABLE 76

LENGTH FREQUENCIES - REDFISH - 4Vn - 1965

(FREQUENCIES IN ‰ - 1 CM GROUPS)

| GEAR | Otter Trawl (Commercial) | | | | | | | | |
|----------------------------|-----------------------------|-------|--------------------|----------|--------------------------|---------|------------------------|-------|---------|
| | Landings | | | | | | Landings after discard | | |
| CATCHES/LANDINGS | May | | | November | | | June | | |
| MONTH | Canada (Maritimes) | | | | | | Canada (Newfoundland) | | |
| COUNTRY | NK | | | | | | <i>S. mentella</i> | | |
| SPECIES OR TYPE | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. |
| SEX | 151-500 | | | | | | | | |
| TONNAGE | | | | | | | | | |
| 20 | - | - | - | 3 | - | 3 | 2 | 2 | 4 |
| 21 | - | - | - | 20 | 5 | 25 | 3 | 5 | 8 |
| 22 | - | - | - | 29 | - | 29 | 10 | 10 | 20 |
| 23 | - | - | - | 37 | 8 | 45 | 20 | 10 | 30 |
| 24 | 8 | - | 8 | 42 | 11 | 53 | 15 | 12 | 27 |
| 25 | 8 | - | 8 | 39 | 21 | 60 | 22 | 22 | 44 |
| 26 | 16 | - | 16 | 71 | 20 | 91 | 37 | 37 | 74 |
| 27 | 80 | 4 | 84 | 104 | 32 | 136 | 72 | 47 | 119 |
| 28 | 76 | 12 | 88 | 73 | 39 | 112 | 107 | 89 | 196 |
| 29 | 124 | 8 | 132 | 49 | 60 | 109 | 89 | 74 | 163 |
| 30 | 112 | 20 | 132 | 21 | 57 | 78 | 40 | 69 | 109 |
| 31 | 92 | 52 | 144 | 5 | 68 | 73 | 20 | 52 | 72 |
| 32 | 92 | 32 | 124 | 8 | 46 | 54 | 5 | 17 | 22 |
| 33 | 20 | 20 | 40 | 3 | 50 | 53 | 2 | 10 | 12 |
| 34 | 4 | 32 | 36 | 5 | 21 | 26 | - | 3 | 3 |
| 35 | - | 44 | 44 | - | 18 | 18 | 5 | 2 | 7 |
| 36 | - | 64 | 64 | - | 10 | 10 | 12 | 5 | 17 |
| 37 | - | 32 | 32 | - | 8 | 8 | 10 | 10 | 20 |
| 38 | 4 | 20 | 24 | - | 7 | 7 | 12 | 3 | 15 |
| 39 | - | 12 | 12 | - | 8 | 8 | 3 | 7 | 10 |
| 40 | - | 4 | 4 | - | 2 | 2 | - | 7 | 7 |
| 41 | - | 4 | 4 | - | - | - | - | 12 | 12 |
| 42 | - | 4 | 4 | - | - | - | - | 5 | 5 |
| Total ‰/oo | 636 | 364 | 1000 | 509 | 491 | 1000 | 486 | 510 | 996 |
| Serial Numbers | - | - | 168 | - | - | 169,170 | - | - | - |
| Number of Samples | - | - | 1 | - | - | 2 | - | - | 1 |
| Number of Fish Measured | 159 | 91 | 250 | 314 | 302 | 616 | - | - | 403 |
| Mean Length (cm) | 29.10 | 34.09 | 31.20 | 26.29 | 30.33 | 28.27 | 28.34 | 29.31 | 28.84 |
| Mean Weight (kg) | - | - | 0.44 | - | - | 0.36 | - | - | 0.29 |
| Total Weight Landed (tons) | - | - | - | - | - | - | - | - | 106.8 |
| Estimated Number Landed | - | - | - | - | - | - | - | - | 367542 |
| Mesh(mm) or Hook(no.) Size | - | - | 4 1/8 ¹ | - | 4 3/8-3 1/4 ¹ | - | - | - | - |
| Range of Depths (fm) | - | - | 80-120 | - | - | 105-140 | - | - | 140-160 |

¹ Mesh size - inches

TABLE 77

LENGTH FREQUENCIES - REDFISH - 4Vs - 1965

(FREQUENCIES IN ‰ - 1 CM GROUPS)

| GEAR | Otter Trawl (Commercial) | | | | | |
|----------------------------|-----------------------------|-------|--------------------|------------------------|-------|---------|
| | Landings | | | Landings after discard | | |
| CATCHES/LANDINGS | March | | | October | | |
| MONTH | Canada (Maritimes) | | | Canada (Newfoundland) | | |
| COUNTRY | NK | | | S. mentella | | |
| SPECIES OR TYPE | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. |
| SEX | 151-500 | | | | | |
| TONNAGE | | | | | | |
| 20 | 6 | - | 6 | 4 | - | 4 |
| 21 | - | - | - | 7 | - | 7 |
| 22 | 12 | - | 12 | 4 | 4 | 8 |
| 23 | 6 | - | 6 | 11 | 7 | 18 |
| 24 | 12 | - | 12 | 32 | 11 | 43 |
| 25 | 9 | - | 9 | 47 | 29 | 76 |
| 26 | 12 | - | 12 | 79 | 32 | 111 |
| 27 | 31 | 3 | 34 | 136 | 39 | 175 |
| 28 | 22 | 3 | 25 | 100 | 61 | 161 |
| 29 | 37 | 6 | 43 | 68 | 125 | 193 |
| 30 | 9 | - | 9 | 29 | 118 | 147 |
| 31 | 31 | - | 31 | - | 36 | 36 |
| 32 | 34 | 6 | 40 | 4 | 4 | 8 |
| 33 | 59 | 6 | 65 | - | - | - |
| 34 | 43 | 16 | 59 | 4 | - | 4 |
| 35 | 62 | 22 | 84 | 7 | - | 7 |
| 36 | 62 | 19 | 81 | - | 4 | 4 |
| 37 | 34 | 34 | 68 | - | - | - |
| 38 | 22 | 47 | 69 | - | - | - |
| 39 | 3 | 68 | 71 | - | - | - |
| 40 | - | 62 | 62 | - | - | - |
| 41 | - | 71 | 71 | - | - | - |
| 42 | - | 59 | 59 | - | - | - |
| 43 | - | 47 | 47 | - | - | - |
| 44 | - | 12 | 12 | - | - | - |
| 45 | - | 9 | 9 | - | - | - |
| 46 | - | - | - | - | - | - |
| 47 | - | 3 | 3 | - | - | - |
| Total ‰ | 506 | 493 | 999 | 532 | 470 | 1002 |
| Serial Numbers | - | - | 171 | - | - | - |
| Number of Samples | - | - | 1 | - | - | 1 |
| Number of Fish Measured | 164 | 159 | 323 | - | - | 279 |
| Mean Length (cm) | 32.04 | 39.32 | 35.64 | 27.05 | 28.47 | 27.72 |
| Mean Weight (kg) | - | - | 0.76 | - | - | 0.28 |
| Total Weight Landed (tons) | - | - | - | - | - | 86.7 |
| Estimated Number Landed | - | - | - | - | - | 313268 |
| Mesh(mm) or Hook(no.) Size | - | - | 4 5/8 ¹ | - | - | small |
| Range of Depths (fm) | - | - | 120-125 | - | - | 150-165 |

¹ Mesh size - inches

TABLE 78

LENGTH FREQUENCIES - REDFISH - 4V - 1965

(FREQUENCIES IN ‰ - 1 CM GROUPS)

| GEAR | Otter Trawl | | | | | | | | |
|----------------------------|-------------------|-------------------|-------------------|------------------|------------------|-------------------|--------------------|------|--------|
| | (Commercial) | | | | | | (Research) | | |
| CATCHES/LANDINGS | Landings | | | | | | Catches | | |
| MONTH | April | | | December | | | May | | |
| COUNTRY | United States | | | | | | Poland | | |
| SPECIES OR TYPE | NK | | | | | | <i>S. mentella</i> | | |
| SEX | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. |
| TONNAGE | 73-440 | | | | | | 770 | | |
| 19 | - | - | - | - | - | - | 2 | 1 | 3 |
| 20 | - | - | - | - | - | - | 1 | 2 | 3 |
| 21 | - | - | - | - | - | - | 4 | 3 | 7 |
| 22 | - | - | - | - | - | - | 7 | 5 | 12 |
| 23 | - | - | - | - | - | - | 12 | 8 | 20 |
| 24 | - | - | - | - | - | - | 20 | 10 | 30 |
| 25 | - | - | - | 20 | - | 20 | 32 | 10 | 42 |
| 26 | 20 | - | 20 | 50 | - | 50 | 45 | 7 | 52 |
| 27 | 30 | 10 | 40 | 30 | - | 30 | 88 | 12 | 100 |
| 28 | 50 | 20 | 70 | 100 | - | 100 | 130 | 14 | 144 |
| 29 | 120 | 10 | 130 | 80 | 20 | 100 | 86 | 12 | 98 |
| 30 | 20 | 20 | 40 | 60 | 60 | 120 | 66 | 30 | 96 |
| 31 | 40 | 50 | 90 | 120 | 40 | 160 | 52 | 35 | 87 |
| 32 | 20 | 20 | 40 | 10 | 90 | 100 | 39 | 45 | 84 |
| 33 | 50 | 80 | 130 | 10 | 120 | 130 | 27 | 44 | 71 |
| 34 | 30 | 60 | 90 | 10 | 50 | 60 | 7 | 31 | 38 |
| 35 | 30 | 20 | 50 | 10 | 60 | 70 | 3 | 25 | 28 |
| 36 | 30 | 70 | 100 | - | 60 | 60 | - | 30 | 30 |
| 37 | 20 | 100 | 120 | - | - | - | - | 24 | 24 |
| 38 | 10 | 40 | 50 | - | - | - | - | 18 | 18 |
| 39 | - | 10 | 10 | - | - | - | - | 10 | 10 |
| 40 | - | 20 | 20 | - | - | - | - | 4 | 4 |
| Total ‰ | 470 | 530 | 1000 | 500 | 500 | 1000 | 621 | 379 | 1000 |
| Serial Numbers | - | - | - | - | - | - | - | - | - |
| Number of Samples | - | - | 1 | - | - | 1 | - | - | 6 |
| Number of Fish Measured | 47 | 53 | 100 | 50 | 50 | 100 | 2442 | 1488 | 3930 |
| Mean Length (cm) | 31.09 | 34.38 | 32.83 | 29.18 | 32.84 | 31.01 | 28.3 | 31.9 | 29.7 |
| Mean Weight (kg) | 0.48 | 0.63 | 0.56 | 0.39 | 0.54 | 0.47 | - | - | - |
| Total Weight Landed (tons) | 210 | 316 | 526 | 36 | 50 | 86 | - | - | - |
| Estimated Number Landed | 4424 ¹ | 4989 ¹ | 9413 ¹ | 915 ¹ | 915 ¹ | 1830 ¹ | - | - | - |
| Mesh(mm) or Hook(no.) Size | - | - | 2.5 ² | - | - | 2.5 ² | - | - | - |
| Range of Depths (fm) | - | - | 201-300 | - | - | 151-200 | - | - | 55-109 |

¹ Numbers in 100's² Mesh size - inches

TABLE 79

LENGTH FREQUENCIES - REDFISH - 4W - 1965

(FREQUENCIES IN % - 1 CM GROUPS)

| GEAR | Otter Trawl (Commercial) | | | | | | | | |
|----------------------------|-----------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| | March | | | April | | | May | | |
| CATCHES/LANDINGS | United States | | | | | | | | |
| MONTH | NK | | | | | | | | |
| COUNTRY | 51-440 | | | | | | | | |
| SPECIES OR TYPE | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. |
| SEX | | | | | | | | | |
| TONNAGE | | | | | | | | | |
| 16 | 10 | - | 10 | - | - | - | 3 | - | 3 |
| 17 | - | - | - | - | - | - | - | - | - |
| 18 | 10 | - | 10 | - | - | - | 3 | - | 3 |
| 19 | - | - | - | - | - | - | 7 | - | 7 |
| 20 | 20 | 5 | 25 | - | - | - | 30 | 7 | 37 |
| 21 | 51 | 20 | 71 | - | 10 | 10 | 13 | 7 | 20 |
| 22 | 15 | 30 | 45 | - | - | - | 43 | 13 | 56 |
| 23 | 66 | 30 | 96 | 40 | - | 40 | 83 | 20 | 103 |
| 24 | 172 | 45 | 217 | 160 | 10 | 170 | 77 | 30 | 107 |
| 25 | 116 | 61 | 177 | 80 | 70 | 150 | 63 | 27 | 90 |
| 26 | 56 | 35 | 91 | 90 | 40 | 130 | 53 | 97 | 150 |
| 27 | 30 | 51 | 81 | 30 | 130 | 160 | 13 | 170 | 183 |
| 28 | 15 | 61 | 76 | - | 130 | 130 | 13 | 117 | 130 |
| 29 | 5 | 56 | 61 | - | 90 | 90 | 13 | 73 | 86 |
| 30 | - | 20 | 20 | - | 80 | 80 | - | 7 | 7 |
| 31 | - | 15 | 15 | - | 40 | 40 | - | 3 | 3 |
| 32 | - | - | - | - | - | - | 3 | - | 3 |
| 33 | - | 5 | 5 | - | - | - | - | 7 | 7 |
| 34 | - | - | - | - | - | - | - | - | - |
| Total % | 566 | 434 | 1000 | 400 | 600 | 1000 | 420 | 580 | 1000 |
| Serial Numbers | - | - | - | - | - | - | - | - | - |
| Number of Samples | - | - | 2 | - | - | 1 | - | - | 3 |
| Number of Fish Measured | 113 | 87 | 200 | 40 | 60 | 100 | 126 | 174 | 300 |
| Mean Length (cm) | 23.88 | 26.08 | 24.84 | 24.77 | 27.75 | 26.56 | 24.86 | 27.71 | 26.51 |
| Mean Weight (kg) | 0.22 | 0.29 | 0.24 | 0.24 | 0.34 | 0.29 | 0.24 | 0.34 | 0.30 |
| Total Weight Landed (tons) | 287 | 287 | 574 | 269 | 567 | 836 | 383 | 720 | 1103 |
| Estimated Number Landed | 13160 ¹ | 10105 ¹ | 23265 ¹ | 11305 ¹ | 16957 ¹ | 28262 ¹ | 15586 ¹ | 21523 ¹ | 37109 ¹ |
| Mesh(mm) or Hook(no.) Size | - | - | 2.5 ² | - | - | 2.5 ² | - | - | 2.5 ² |
| Range of Depths (fm) | - | - | 61-100 | - | - | 101-150 | - | - | 101-150 |

1 Numbers in 100's

2 Mesh size - inches

TABLE 79
(cont'd)

LENGTH FREQUENCIES - REDFISH - 4W - 1965

(FREQUENCIES IN ‰ - 1 CM GROUPS)

| GEAR | Otter Trawl | | | | | | | | |
|----------------------------|--------------------|--------------------|--------------------|-------------------|-------------------|-------------------|--------------------|------|-------|
| | (Commercial) | | | | | | (Research) | | |
| CATCHES/LANDINGS | Landings | | | | | | Catches | | |
| MONTH | June | | | November | | | May | | |
| COUNTRY | United States | | | | | | Poland | | |
| SPECIES OR TYPE | NK | | | | | | <i>S. mantella</i> | | |
| SEX | ♂ | ♀ | Tot. | ♂ | ♀ | Tot. | ♂ | ♀ | Tot. |
| TONNAGE | 51-440 | | | | | | 770 | | |
| 15 | - | - | - | - | - | - | 5 | 3 | 8 |
| 16 | - | - | - | - | - | - | 5 | 8 | 13 |
| 17 | - | - | - | - | - | - | 5 | 18 | 23 |
| 18 | - | - | - | - | - | - | 13 | 18 | 31 |
| 19 | 2 | 2 | 4 | - | 20 | 20 | 36 | 23 | 59 |
| 20 | 10 | 2 | 12 | 20 | 10 | 30 | 44 | 24 | 68 |
| 21 | 18 | 4 | 22 | 50 | 50 | 100 | 44 | 34 | 78 |
| 22 | 36 | 20 | 56 | 50 | 20 | 70 | 57 | 36 | 93 |
| 23 | 42 | 24 | 66 | 100 | 20 | 120 | 68 | 34 | 102 |
| 24 | 112 | 38 | 150 | 110 | 80 | 190 | 52 | 39 | 91 |
| 25 | 88 | 50 | 138 | 40 | 60 | 100 | 57 | 42 | 99 |
| 26 | 46 | 50 | 96 | 60 | 100 | 160 | 36 | 65 | 101 |
| 27 | 38 | 82 | 120 | 20 | 70 | 90 | 21 | 39 | 60 |
| 28 | 22 | 92 | 114 | - | 50 | 50 | 3 | 31 | 34 |
| 29 | 6 | 102 | 108 | - | 20 | 20 | - | 36 | 36 |
| 30 | - | 64 | 64 | - | 30 | 30 | - | 23 | 23 |
| 31 | - | 34 | 34 | - | 20 | 20 | - | 36 | 36 |
| 32 | - | 12 | 12 | - | - | - | - | 21 | 21 |
| 33 | - | 2 | 2 | - | - | - | - | 18 | 18 |
| 34 | - | 2 | 2 | - | - | - | - | 3 | 3 |
| 35 | - | - | - | - | - | - | - | 3 | 3 |
| Total ‰ | 420 | 580 | 1000 | 450 | 550 | 1000 | 446 | 554 | 1000 |
| Serial Numbers | - | - | - | - | - | - | - | - | - |
| Number of Samples | - | - | 5 | - | - | 1 | - | - | 1 |
| Number of Fish Measured | 210 | 290 | 500 | 45 | 55 | 100 | 172 | 213 | 385 |
| Mean Length (cm) | 24.46 | 27.34 | 26.13 | 23.53 | 25.35 | 24.53 | 22.5 | 25.1 | 24.0 |
| Mean Weight (kg) | 0.23 | 0.32 | 0.29 | 0.21 | 0.26 | 0.24 | - | - | - |
| Total Weight Landed (tons) | 533 | 1026 | 1559 | 61 | 94 | 155 | - | - | - |
| Estimated Number Landed | 22931 ¹ | 31666 ¹ | 54597 ¹ | 2929 ¹ | 3580 ¹ | 6509 ¹ | - | - | - |
| Mesh(mm) or Hook(no.) Size | - | - | 2.5 ² | - | - | 2.5 ² | - | - | - |
| Range of Depths (fm) | - | - | 61-100 | - | - | 61-100 | - | - | 77-98 |

¹ Numbers in 100's² Mesh size - inches

TABLE 80

LENGTH FREQUENCIES - REDFISH - 4X - 1965

(FREQUENCIES IN ‰ - 1 CM GROUPS)

| GEAR | Otter Trawl (Commercial) | | | | | |
|----------------------------|-----------------------------|-------------------|-------------------|--------------------|--------------------|--------------------|
| | Landings | | | | | |
| CATCHES/LANDINGS | March | | | May | | |
| MONTH | United States | | | | | |
| COUNTRY | NK | | | | | |
| SPECIES OR TYPE | Tot. | | | | | |
| SEX | ♂ | ♀ | Tot. | ♂ | ♀ | Tot. |
| TONNAGE | 51-440 | | | | | |
| 16 | - | - | - | 3 | - | 3 |
| 17 | 10 | - | 10 | 3 | - | 3 |
| 18 | 10 | 20 | 30 | 7 | - | 7 |
| 19 | 40 | 10 | 50 | - | 7 | 7 |
| 20 | 20 | 30 | 50 | 7 | 7 | 14 |
| 21 | 70 | 60 | 130 | 20 | 23 | 43 |
| 22 | 100 | 40 | 140 | 37 | 20 | 57 |
| 23 | 110 | 80 | 190 | 77 | 30 | 107 |
| 24 | 50 | 70 | 120 | 113 | 47 | 160 |
| 25 | 50 | 70 | 120 | 97 | 47 | 144 |
| 26 | 10 | 70 | 80 | 33 | 70 | 103 |
| 27 | - | 20 | 20 | 30 | 94 | 124 |
| 28 | - | 40 | 40 | 7 | 73 | 80 |
| 29 | - | 20 | 20 | - | 83 | 83 |
| 30 | - | - | - | 3 | 43 | 46 |
| 31 | - | - | - | - | 13 | 13 |
| 32 | - | - | - | - | 3 | 3 |
| 33 | - | - | - | - | 3 | 3 |
| Total ‰ | 470 | 530 | 1000 | 437 | 563 | 1000 |
| Serial Numbers | - | - | - | - | - | - |
| Number of Samples | - | - | 1 | - | - | 3 |
| Number of Fish Measured | 47 | 53 | 100 | 131 | 169 | 300 |
| Mean Length (cm) | 22.17 | 23.81 | 23.04 | 23.94 | 26.46 | 25.36 |
| Mean Weight (kg) | 0.18 | 0.22 | 0.20 | 0.22 | 0.29 | 0.26 |
| Total Weight Landed (tons) | 42 | 59 | 101 | 297 | 519 | 816 |
| Estimated Number Landed | 2377 ¹ | 2680 ¹ | 5057 ¹ | 13581 ¹ | 17520 ¹ | 31101 ¹ |
| Mesh(mm) or Hook(no.) Size | - | - | 2.5 ² | - | - | 2.5 ² |
| Range of Depths (fm) | - | - | 61-100 | - | - | 61-150 |

¹ Numbers in 100's² Mesh size - inches

TABLE 80
(cont'd)

LENGTH FREQUENCIES - REDFISH - 4X - 1965

(FREQUENCIES IN ‰ - 1 CM GROUPS)

| GEAR | Otter Trawl | | | | | | | | |
|----------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| | (Commercial) | | | | | | | | |
| CATCHES/LANDINGS | Landings | | | | | | | | |
| MONTH | June | | | July | | | August | | |
| COUNTRY | United States | | | | | | | | |
| SPECIES OR TYPE | NK | | | | | | | | |
| SEX | ♂ | ♀ | Tot. | ♂ | ♀ | Tot. | ♂ | ♀ | Tot. |
| TONNAGE | 51-440 | | | | | | | | |
| 16 | 10 | - | 10 | 4 | - | 4 | 3 | - | 3 |
| 17 | 14 | 1 | 15 | 14 | - | 14 | 20 | - | 20 |
| 18 | 10 | - | 10 | 8 | 2 | 10 | 13 | - | 13 |
| 19 | 18 | 8 | 26 | 8 | 10 | 18 | 17 | 3 | 20 |
| 20 | 15 | 7 | 22 | 16 | 10 | 25 | 23 | 10 | 33 |
| 21 | 19 | 19 | 38 | 26 | 10 | 35 | 30 | 20 | 50 |
| 22 | 56 | 18 | 74 | 63 | 18 | 80 | 57 | 17 | 73 |
| 23 | 85 | 18 | 103 | 84 | 36 | 120 | 113 | 20 | 133 |
| 24 | 94 | 35 | 129 | 118 | 47 | 164 | 143 | 60 | 203 |
| 25 | 69 | 48 | 117 | 93 | 58 | 151 | 90 | 60 | 150 |
| 26 | 63 | 53 | 116 | 39 | 82 | 122 | 47 | 70 | 117 |
| 27 | 21 | 51 | 72 | 19 | 72 | 92 | 13 | 47 | 60 |
| 28 | 16 | 56 | 72 | 9 | 45 | 53 | - | 50 | 50 |
| 29 | 9 | 43 | 52 | 3 | 44 | 47 | 7 | 23 | 30 |
| 30 | 2 | 53 | 55 | 1 | 28 | 29 | - | 20 | 20 |
| 31 | 1 | 39 | 40 | - | 15 | 16 | - | 10 | 10 |
| 32 | 1 | 22 | 23 | - | 3 | 3 | - | 13 | 13 |
| 33 | - | 10 | 10 | - | 9 | 9 | - | - | - |
| 34 | - | 7 | 7 | - | 3 | 3 | - | - | - |
| 35 | - | 4 | 4 | - | 1 | 1 | - | - | - |
| 36 | - | 2 | 2 | - | 2 | 2 | - | - | - |
| 37 | - | 1 | 1 | - | 1 | 1 | - | - | - |
| 38 | - | - | - | - | - | - | - | - | - |
| 39 | - | 1 | 1 | - | - | - | - | - | - |
| 40 | - | 1 | 1 | - | - | - | - | - | - |
| Total ‰ | 503 | 497 | 1000 | 504 | 496 | 1000 | 577 | 423 | 1000 |
| Serial Numbers | - | - | - | - | - | - | - | - | - |
| Number of Samples | - | - | 8 | - | - | 6 | - | - | 3 |
| Number of Fish Measured | 396 | 404 | 800 | 287 | 313 | 600 | 173 | 127 | 300 |
| Mean Length (cm) | 23.50 | 27.16 | 25.32 | 23.47 | 26.23 | 24.84 | 23.16 | 25.85 | 24.30 |
| Mean Weight (kg) | 0.21 | 0.33 | 0.27 | 0.21 | 0.29 | 0.25 | 0.20 | 0.28 | 0.23 |
| Total Weight Landed (tons) | 466 | 712 | 1178 | 310 | 427 | 737 | 339 | 345 | 684 |
| Estimated Number Landed | 22126 ¹ | 21908 ¹ | 44034 ¹ | 14902 ¹ | 14666 ¹ | 29568 ¹ | 16938 ¹ | 12435 ¹ | 29373 ¹ |
| Mesh(mm) or Hook(no.) Size | - | - | 2.5 ² | - | - | 2.5 ² | - | - | 2.5 ² |
| Range of Depths (fm) | - | - | 61-150 | - | - | 61-100 | - | - | 61-100 |

¹ Numbers in 100's² Mesh size - inches

TABLE 80
(cont'd)

LENGTH FREQUENCIES - REDFISH - 4X - 1965

(FREQUENCIES IN ‰ - 1 CM GROUPS)

| GEAR | Otter Trawl (Commercial) | | | | | | | | |
|----------------------------|-----------------------------|-------------------|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| | Landings | | | | | | | | |
| CATCHES/LANDINGS | September | | | October | | | December | | |
| MONTH | United States | | | | | | | | |
| COUNTRY | NK | | | | | | | | |
| SPECIES OR TYPE | 51-440 | | | | | | | | |
| SEX | ♂ | ♀ | Tot. | ♂ | ♀ | Tot. | ♂ | ♀ | Tot. |
| TONNAGE | | | | | | | | | |
| 16 | 3 | - | 3 | 10 | - | 10 | 10 | - | 10 |
| 17 | 3 | - | 3 | 5 | - | 5 | 20 | - | 20 |
| 18 | 10 | 3 | 13 | 5 | - | 5 | 10 | - | 10 |
| 19 | 17 | 3 | 20 | 20 | - | 20 | 20 | - | 20 |
| 20 | 7 | 3 | 10 | 10 | 10 | 20 | 20 | - | 20 |
| 21 | 53 | 3 | 56 | 15 | 10 | 25 | 30 | 30 | 60 |
| 22 | 100 | 27 | 127 | 20 | 20 | 40 | 60 | 20 | 80 |
| 23 | 130 | 30 | 160 | 75 | 15 | 90 | 140 | 70 | 210 |
| 24 | 103 | 57 | 160 | 65 | 15 | 80 | 110 | 70 | 180 |
| 25 | 67 | 83 | 150 | 80 | 65 | 145 | 50 | 130 | 180 |
| 26 | 47 | 87 | 133 | 85 | 25 | 110 | 50 | 80 | 130 |
| 27 | 13 | 63 | 77 | 40 | 100 | 140 | 20 | 10 | 30 |
| 28 | 3 | 30 | 33 | 10 | 40 | 50 | 10 | 20 | 30 |
| 29 | 3 | 20 | 23 | 10 | 30 | 40 | - | 10 | 10 |
| 30 | - | 7 | 7 | 10 | 45 | 55 | - | - | - |
| 31 | - | 20 | 20 | - | 10 | 10 | - | - | - |
| 32 | - | - | - | 5 | 15 | 20 | - | 10 | 10 |
| 33 | - | 3 | 3 | 5 | 25 | 30 | - | - | - |
| 34 | - | - | - | - | 15 | 15 | - | - | - |
| 35 | - | - | - | - | 30 | 30 | - | - | - |
| 36 | - | - | - | - | 40 | 40 | - | - | - |
| 37 | - | - | - | - | 10 | 10 | - | - | - |
| 38 | - | - | - | - | 5 | 5 | - | - | - |
| 39 | - | - | - | - | - | - | - | - | - |
| 40 | - | - | - | - | 5 | 5 | - | - | - |
| Total ‰ | 560 | 440 | 1000 | 470 | 530 | 1000 | 550 | 450 | 1000 |
| Serial Numbers | - | - | - | - | - | - | - | - | - |
| Number of Samples | - | - | 3 | - | - | 2 | - | - | 1 |
| Number of Fish Measured | 168 | 132 | 300 | 94 | 106 | 200 | 55 | 45 | 100 |
| Mean Length (cm) | 23.14 | 25.67 | 24.25 | 24.34 | 28.76 | 26.68 | 22.98 | 24.73 | 23.77 |
| Mean Weight (kg) | 0.20 | 0.27 | 0.23 | 0.24 | 0.39 | 0.32 | 0.20 | 0.24 | 0.22 |
| Total Weight Landed (tons) | 170 | 182 | 364 | 84 | 158 | 242 | 193 | 193 | 386 |
| Estimated Number Landed | 8584 ¹ | 6744 ¹ | 15328 ¹ | 3573 ¹ | 4029 ¹ | 7602 ¹ | 9808 ¹ | 8025 ¹ | 17833 ¹ |
| Mesh(mm) or Hook(no.) Size | - | - | 2.5 ² | - | - | 2.5 ² | - | - | 2.5 ² |
| Range of Depths (fm) | - | - | 61-100 | - | - | 61-100 | - | - | 61-100 |

¹ Numbers in 100's² Mesh size - inches

TABLE 81 LENGTH FREQUENCIES - REDFISH - 5Y - 1965

(FREQUENCIES IN ‰ - 1 CM GROUPS)

| GEAR | Otter Trawl | | | | | | | | |
|----------------------------|-------------------|-------------------|--------------------|-------------------|-------------------|--------------------|-------------------|-------------------|--------------------|
| | (Commercial) | | | | | | | | |
| CATCHES/LANDINGS | Landings | | | | | | | | |
| MONTH | January | | | February | | | March | | |
| COUNTRY | United States | | | | | | | | |
| SPECIES OR TYPE | NK | | | | | | | | |
| SEX | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. |
| TONNAGE | 0-310 | | | | | | | | |
| 16 | 20 | - | 20 | - | - | - | 2 | - | 2 |
| 17 | 51 | - | 51 | - | - | - | - | - | - |
| 18 | 92 | 20 | 112 | - | - | - | 5 | - | 5 |
| 19 | 71 | 31 | 102 | - | - | - | 5 | - | 5 |
| 20 | 10 | 61 | 71 | - | - | - | 7 | - | 7 |
| 21 | 71 | 92 | 163 | - | - | - | 17 | - | 17 |
| 22 | 71 | 61 | 133 | 20 | - | 20 | 40 | - | 40 |
| 23 | 112 | - | 112 | - | 30 | 30 | 55 | 7 | 62 |
| 24 | 51 | 20 | 71 | 40 | 20 | 60 | 70 | 12 | 82 |
| 25 | 51 | 31 | 82 | 20 | 60 | 80 | 95 | 17 | 112 |
| 26 | 10 | 31 | 41 | 60 | 20 | 80 | 80 | 47 | 127 |
| 27 | - | 20 | 20 | 110 | 20 | 130 | 55 | 45 | 100 |
| 28 | - | 10 | 10 | 60 | 110 | 170 | 47 | 55 | 102 |
| 29 | - | - | - | 60 | 50 | 110 | 23 | 70 | 93 |
| 30 | - | 10 | 10 | 30 | 80 | 110 | 8 | 50 | 58 |
| 31 | - | - | - | 40 | 50 | 90 | - | 58 | 58 |
| 32 | - | - | - | - | 50 | 50 | 6 | 42 | 48 |
| 33 | - | - | - | - | 30 | 30 | - | 25 | 25 |
| 34 | - | - | - | - | 10 | 10 | 3 | 17 | 20 |
| 35 | - | - | - | - | 10 | 10 | - | 13 | 13 |
| 36 | - | - | - | - | - | - | - | 13 | 13 |
| 37 | - | - | - | - | 20 | 20 | - | - | 8 |
| 38 | - | - | - | - | - | - | - | - | 3 |
| Total ‰ | 612 | 388 | 1000 | 440 | 560 | 1000 | 518 | 482 | 1000 |
| Serial Numbers | - | - | - | - | - | - | - | - | - |
| Number of Samples | - | - | 1 | - | - | 1 | - | - | 4 |
| Number of Fish Measured | 61 | 39 | 100 | 44 | 56 | 100 | 207 | 193 | 400 |
| Mean Length (cm) | 20.95 | 22.29 | 21.47 | 27.25 | 28.98 | 28.22 | 25.04 | 29.54 | 27.21 |
| Mean Weight (kg) | 0.12 | 0.15 | 0.13 | 0.26 | 0.32 | 0.29 | 0.20 | 0.34 | 0.27 |
| Total Weight Landed (tons) | 79 | 61 | 140 | 120 | 189 | 309 | 153 | 239 | 392 |
| Estimated Number Landed | 6669 ¹ | 4191 ¹ | 10860 ¹ | 4615 ¹ | 5906 ¹ | 10521 ¹ | 7650 ¹ | 7029 ¹ | 14679 ¹ |
| Mesh(mm) or Hook(no.) Size | - | - | 2.5 ² | - | - | 2.5 ² | - | - | 2.5 ² |
| Range of Depths (fm) | - | - | 61-100 | - | - | 61-100 | - | - | 61-150 |

¹ Numbers in 100's² Mesh size - inches

TABLE 81
(cont'd)

LENGTH FREQUENCIES - REDFISH - 5Y - 1965

(FREQUENCIES IN % - 1 CM GROUPS)

| GEAR | Otter Trawl (Commercial) | | | | | | | | |
|----------------------------|-----------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| | Landings | | | | | | | | |
| CATCHES/LANDINGS | April | | | May | | | June | | |
| MONTH | United States | | | | | | | | |
| COUNTRY | NK | | | | | | | | |
| SPECIES OR TYPE | 0-310 | | | | | | | | |
| SEX | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. |
| TONNAGE | | | | | | | | | |
| 16 | 2 | - | 2 | - | - | - | - | - | - |
| 17 | 2 | 2 | 4 | - | - | - | 5 | - | 5 |
| 18 | - | - | - | 3 | - | 3 | - | - | - |
| 19 | - | - | - | 1 | 4 | 6 | 10 | - | 10 |
| 20 | 2 | 2 | 4 | 10 | 16 | 26 | 5 | 5 | 10 |
| 21 | 10 | 5 | 15 | 14 | 14 | 29 | - | 5 | 5 |
| 22 | 20 | 2 | 22 | 38 | 31 | 69 | 19 | 5 | 24 |
| 23 | 40 | 2 | 42 | 77 | 37 | 114 | 19 | - | 19 |
| 24 | 46 | 28 | 74 | 112 | 56 | 168 | 54 | 15 | 69 |
| 25 | 70 | 50 | 120 | 97 | 45 | 142 | 112 | 19 | 132 |
| 26 | 108 | 33 | 141 | 50 | 82 | 132 | 88 | 34 | 122 |
| 27 | 73 | 34 | 107 | 45 | 67 | 111 | 60 | 45 | 105 |
| 28 | 70 | 30 | 100 | 37 | 35 | 72 | 75 | 10 | 85 |
| 29 | 30 | 40 | 70 | 16 | 39 | 55 | 49 | 54 | 103 |
| 30 | 30 | 55 | 85 | 3 | 46 | 49 | 18 | 93 | 111 |
| 31 | 28 | 45 | 73 | 1 | 13 | 14 | 12 | 35 | 47 |
| 32 | 13 | 30 | 43 | 1 | - | 1 | 6 | 26 | 32 |
| 33 | 2 | 25 | 27 | - | 9 | 9 | - | 11 | 11 |
| 34 | 2 | 13 | 15 | - | - | - | - | 30 | 30 |
| 35 | 2 | 13 | 15 | - | - | - | - | 20 | 20 |
| 36 | - | 13 | 13 | - | 1 | 1 | - | 26 | 26 |
| 37 | - | 15 | 15 | - | - | - | - | 19 | 19 |
| 38 | - | 8 | 8 | - | - | - | - | 10 | 10 |
| 39 | - | 5 | 5 | - | - | - | - | 5 | 5 |
| Total %/oo | 550 | 450 | 1000 | 505 | 495 | 1000 | 534 | 466 | 1000 |
| Serial Numbers | - | - | - | - | - | - | - | - | - |
| Number of Samples | - | - | 4 | - | - | 3 | - | - | 3 |
| Number of Fish Measured | 220 | 180 | 400 | 158 | 142 | 300 | 172 | 128 | 300 |
| Mean Length (cm) | 26.49 | 29.29 | 27.70 | 24.66 | 25.98 | 25.31 | 26.05 | 30.20 | 27.99 |
| Mean Weight (kg) | 0.24 | 0.34 | 0.29 | 0.19 | 0.23 | 0.21 | 0.23 | 0.37 | 0.29 |
| Total Weight Landed (tons) | 365 | 394 | 759 | 286 | 335 | 621 | 401 | 589 | 990 |
| Estimated Number Landed | 15191 ¹ | 11583 ¹ | 26774 ¹ | 15053 ¹ | 14565 ¹ | 29618 ¹ | 17435 ¹ | 15919 ¹ | 33354 ¹ |
| Mesh(mm) or Hook(no.) Size | - | - | 2.5 ² | - | - | 2.5 ² | - | - | 2.5 ² |
| Range of Depths (fm) | - | - | 61-150 | - | - | 61-100 | - | - | 61-100 |

¹ Numbers in 100's² Mesh size - inches

TABLE 81
(cont'd)

LENGTH FREQUENCIES - REDFISH - 5Y - 1965

(FREQUENCIES IN ‰ - 1 CM GROUPS)

| GEAR | Otter Trawl (Commercial) | | | | | | | | |
|----------------------------|-----------------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|--------------------|--------------------|
| | Landings | | | | | | | | |
| CATCHES/LANDINGS | August | | | September | | | December | | |
| MONTH | United States | | | | | | | | |
| COUNTRY | NK | | | | | | | | |
| SPECIES OR TYPE | 0-310 | | | | | | | | |
| SEX | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. |
| TONNAGE | | | | | | | | | |
| 16 | - | - | - | - | - | - | 20 | - | 20 |
| 17 | - | - | - | - | - | - | 30 | - | 30 |
| 18 | - | - | - | - | - | - | 40 | - | 40 |
| 19 | - | - | - | - | - | - | 91 | 10 | 101 |
| 20 | - | - | - | - | - | - | 152 | 20 | 172 |
| 21 | 10 | - | 10 | - | - | - | 51 | 30 | 81 |
| 22 | 10 | - | 10 | 10 | 10 | 20 | 111 | 10 | 121 |
| 23 | 50 | 30 | 80 | 20 | 10 | 30 | 71 | 40 | 111 |
| 24 | 80 | 30 | 110 | 40 | 10 | 50 | 51 | 40 | 91 |
| 25 | 30 | 60 | 90 | 30 | 10 | 40 | 61 | 40 | 101 |
| 26 | 40 | - | 40 | 80 | 30 | 110 | - | 10 | 10 |
| 27 | 60 | 40 | 100 | 40 | 90 | 130 | 10 | 40 | 51 |
| 28 | 70 | 30 | 100 | 100 | 30 | 130 | - | 20 | 20 |
| 29 | 30 | 140 | 170 | 80 | 10 | 90 | - | - | - |
| 30 | - | 40 | 40 | 100 | 60 | 160 | - | 10 | 10 |
| 31 | 10 | 50 | 60 | - | 50 | 50 | - | 20 | 20 |
| 32 | 10 | 90 | 100 | - | 80 | 80 | - | 20 | 20 |
| 33 | 10 | 20 | 30 | - | 10 | 10 | - | - | - |
| 34 | - | 30 | 30 | - | 70 | 70 | - | - | - |
| 35 | - | 30 | 30 | - | 10 | 10 | - | - | - |
| 36 | - | - | - | - | 20 | 20 | - | - | - |
| Total ‰ | 410 | 590 | 1000 | 500 | 500 | 1000 | 687 | 313 | 1000 |
| Serial Numbers | - | - | - | - | - | - | - | - | - |
| Number of Samples | - | - | 1 | - | - | 1 | - | - | 1 |
| Number of Fish Measured | 41 | 59 | 100 | 50 | 50 | 100 | 69 | 31 | 100 |
| Mean Length (cm) | 26.10 | 29.24 | 27.95 | 27.34 | 29.94 | 28.64 | 21.04 | 25.10 | 22.31 |
| Mean Weight (kg) | 0.23 | 0.33 | 0.29 | 0.26 | 0.36 | 0.31 | 0.12 | 0.21 | 0.15 |
| Total Weight Landed (tons) | 66 | 136 | 202 | 145 | 197 | 342 | 266 | 216 | 482 |
| Estimated Number Landed | 2845 ¹ | 4094 ¹ | 6938 ¹ | 5513 ¹ | 5513 ¹ | 11025 ¹ | 22410 ¹ | 10216 ¹ | 32626 ¹ |
| Mesh(mm) or Hook(no.) Size | - | - | 2.5 ² | - | - | 2.5 ² | - | - | 2.5 ² |
| Range of Depths (fm) | - | - | 61-100 | - | - | 61-100 | - | - | 61-100 |

¹ Numbers in 100's² Mesh size - inches

TABLE 82

LENGTH FREQUENCIES - REDFISH - 52 - 1965

(FREQUENCIES IN ‰ - 1 CM GROUPS)

| GEAR | Otter Trawl (Commercial) | | | | | |
|----------------------------|-----------------------------|-------------------|--------------------|-------------------|-------------------|-------------------|
| | Landings | | | | | |
| CATCHES/LANDINGS | March | | | April | | |
| MONTH | United States | | | United States | | |
| COUNTRY | NK | | | | | |
| SPECIES OR TYPE | 0-310 | | | | | |
| SEX | ♂ | ♀ | Tot. | ♂ | ♀ | Tot. |
| TONNAGE | 0-310 | | | | | |
| 16 | 3 | - | 3 | 3 | - | 3 |
| 17 | 3 | - | 3 | - | - | - |
| 18 | - | - | - | - | - | - |
| 19 | - | - | - | 3 | - | 3 |
| 20 | 15 | 7 | 22 | 3 | - | 3 |
| 21 | 18 | - | 18 | - | - | - |
| 22 | 50 | 10 | 60 | 17 | 3 | 20 |
| 23 | 75 | 8 | 83 | 7 | - | 7 |
| 24 | 73 | 25 | 98 | 70 | 10 | 80 |
| 25 | 73 | 27 | 100 | 67 | 10 | 77 |
| 26 | 98 | 32 | 130 | 67 | 23 | 90 |
| 27 | 55 | 30 | 85 | 50 | 40 | 90 |
| 28 | 42 | 45 | 87 | 40 | 57 | 97 |
| 29 | 47 | 32 | 79 | 40 | 20 | 60 |
| 30 | 30 | 37 | 67 | 47 | 43 | 90 |
| 31 | 22 | 30 | 52 | 20 | 60 | 80 |
| 32 | 7 | 12 | 19 | 13 | 67 | 80 |
| 33 | 5 | 15 | 20 | 3 | 50 | 53 |
| 34 | - | 5 | 5 | - | 60 | 60 |
| 35 | 3 | 20 | 23 | 3 | 40 | 43 |
| 36 | - | 10 | 10 | - | 23 | 23 |
| 37 | - | 25 | 25 | - | 20 | 20 |
| 38 | - | 5 | 5 | - | 20 | 20 |
| 39 | - | 3 | 3 | - | - | - |
| 40 | - | 3 | 3 | - | - | - |
| Total ‰ | 619 | 381 | 1000 | 453 | 547 | 1000 |
| Serial Numbers | - | - | - | - | - | - |
| Number of Samples | - | - | 4 | - | - | 3 |
| Number of Fish Measured | 247 | 153 | 400 | 136 | 164 | 300 |
| Mean Length (cm) | 25.60 | 29.23 | 26.99 | 26.66 | 31.35 | 29.23 |
| Mean Weight (kg) | 0.22 | 0.34 | 0.27 | 0.25 | 0.41 | 0.34 |
| Total Weight Landed (tons) | 209 | 202 | 411 | 69 | 138 | 207 |
| Estimated Number Landed | 9512 ¹ | 5892 ¹ | 15404 ¹ | 2774 ¹ | 3345 ¹ | 6118 ¹ |
| Mesh(mm) or Hook(no.) Size | - | - | 2.5 ² | - | - | 2.5 ² |
| Range of Depths (fm) | - | - | 61-150 | - | - | 61-150 |

¹ Numbers in 100's² Mesh size - inches

TABLE 83

AGE FREQUENCIES - REDFISH - 2J - 1965

(FREQUENCIES IN ‰)

| GEAR | | Otter Trawl (Exploratory) | | | | | | | | | | | |
|----------------------------|-----|------------------------------|-------|--------|-------------|-------|-------|-------------|-------|---------|-------------|-------|-------|
| CATCHES/LANDINGS | | Catches | | | | | | | | | | | |
| MONTH | | March | | | | | | May | | | | | |
| COUNTRY | | USSR | | | | | | | | | | | |
| SPECIES OR TYPE | | <i>S. mentella</i> | | | | | | | | | | | |
| TONNAGE | | 1800 | | | | | | | | | | | |
| YEAR-CLASS | AGE | ‰ Frequency | | | Mean Length | | | ‰ Frequency | | | Mean Length | | |
| | | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. |
| 1958 | 7 | 3 | - | 3 | 28.00 | - | 28.00 | - | - | - | - | - | - |
| 1957 | 8 | 10 | 3 | 13 | 26.67 | 27.00 | 26.75 | 4 | 4 | 8 | 26.00 | 27.00 | 26.50 |
| 1956 | 9 | 28 | 17 | 45 | 28.00 | 28.20 | 28.07 | 7 | 7 | 14 | 27.50 | - | 28.00 |
| 1955 | 10 | 62 | 45 | 107 | 30.11 | 29.77 | 29.96 | 7 | 14 | 21 | 29.50 | 31.00 | 30.40 |
| 1954 | 11 | 69 | 59 | 128 | 31.70 | 31.65 | 31.67 | 32 | 14 | 46 | 32.33 | 32.25 | 32.31 |
| 1953 | 12 | 111 | 59 | 170 | 34.15 | 33.59 | 33.96 | 40 | 43 | 83 | 34.18 | 33.83 | 34.00 |
| 1952 | 13 | 73 | 63 | 136 | 34.95 | 35.60 | 34.97 | 32 | 36 | 68 | 35.00 | 35.70 | 35.37 |
| 1951 | 14 | 59 | 45 | 104 | 35.70 | 36.46 | 36.03 | 22 | 80 | 102 | 36.17 | 36.23 | 36.21 |
| 1950 | 15 | 59 | 45 | 104 | 37.18 | 37.31 | 37.23 | 76 | 90 | 166 | 37.38 | 37.44 | 37.41 |
| 1949 | 16 | 38 | 34 | 72 | 38.00 | 38.00 | 38.00 | 91 | 51 | 142 | 38.24 | 39.00 | 38.51 |
| 1948 | 17 | 10 | 17 | 27 | 39.67 | 39.60 | 39.62 | 47 | 33 | 80 | 39.38 | 39.33 | 39.36 |
| 1947 | 18 | - | 7 | 7 | - | 40.00 | 40.00 | 29 | 18 | 47 | 40.12 | 41.20 | 40.54 |
| 1946 | 19 | 3 | 7 | 10 | 42.00 | 43.00 | 42.67 | 32 | 36 | 68 | 41.11 | 41.90 | 41.52 |
| 1945 | 20 | 3 | 14 | 17 | 43.00 | 43.25 | - | 14 | 22 | 36 | 43.00 | 43.50 | 43.30 |
| 1944 | 21 | 3 | 10 | 13 | 45.00 | 43.67 | 44.00 | 14 | 29 | 43 | 44.50 | 44.12 | 44.08 |
| 1943 | 22 | 3 | 21 | 24 | 45.00 | 45.00 | 45.00 | 11 | 29 | 40 | 44.67 | 45.37 | 45.18 |
| 1942 | 23 | - | 17 | 17 | - | 45.60 | 45.60 | - | 14 | 14 | - | 46.75 | 46.75 |
| 1941 | 24 | - | 3 | 3 | - | 47.00 | 47.00 | 4 | 11 | 15 | 47.00 | 47.00 | 47.00 |
| 1940 | 25 | - | - | - | - | - | - | - | 7 | 7 | - | 49.50 | 49.50 |
| Total ‰ | | 534 | 466 | 1000 | | | | 462 | 538 | 1000 | | | |
| Serial Numbers | | - | - | - | | | | - | - | - | | | |
| Number of Samples | | - | - | 1 | | | | - | - | 1 | | | |
| Number of Fish Aged | | 155 | 135 | 290 | | | | 128 | 149 | 277 | | | |
| Mean Age | | 12.66 | 14.21 | 13.38 | | | | 15.49 | 16.12 | 15.83 | | | |
| Mean Weight (kg) | | 0.477 | 0.612 | 0.540 | | | | 0.783 | 0.902 | 0.847 | | | |
| Total Weight Landed (tons) | | - | - | 203 | | | | - | - | 96 | | | |
| Estimated Number Landed | | - | - | 375926 | | | | - | - | 113341 | | | |
| Mesh(mm) or Hook(no.) Size | | - | - | 110 | | | | - | - | 110 | | | |
| Range of Depths (fm) | | - | - | 235 | | | | - | - | 263-287 | | | |

TABLE 83
(cont'd)

AGE FREQUENCIES - REDFISH - 2J - 1965

(FREQUENCIES IN ‰)

| GEAR | | Otter Trawl (Exploratory) | | | | | |
|----------------------------|-----|------------------------------|-------|---------|-------------|-------|-------|
| CATCHES/LANDINGS | | Catches | | | | | |
| MONTH | | July | | | | | |
| COUNTRY | | USSR | | | | | |
| SPECIES OR TYPE | | <i>S. mantilla</i> | | | | | |
| TONNAGE | | 1800 | | | | | |
| YEAR-CLASS | AGE | ‰ Frequency | | | Mean Length | | |
| | | ♂ | ♀ | Tot. | ♂ | ♀ | Tot. |
| 1955 | 10 | 3 | - | 3 | 30.00 | - | 30.00 |
| 1954 | 11 | 3 | - | 3 | 34.00 | - | 34.00 |
| 1953 | 12 | 24 | - | 24 | 33.71 | - | 33.71 |
| 1952 | 13 | 17 | 7 | 24 | 35.00 | 35.00 | 35.00 |
| 1951 | 14 | 17 | 24 | 41 | 36.20 | 35.86 | 36.00 |
| 1950 | 15 | 28 | 24 | 52 | 37.75 | 37.29 | 37.53 |
| 1949 | 16 | 45 | 45 | 90 | 38.84 | 37.92 | 38.38 |
| 1948 | 17 | 35 | 55 | 90 | 39.90 | 38.81 | 39.23 |
| 1947 | 18 | 69 | 55 | 124 | 40.30 | 40.13 | 40.22 |
| 1946 | 19 | 49 | 104 | 153 | 41.57 | 41.20 | 41.32 |
| 1945 | 20 | 31 | 69 | 100 | 43.00 | 42.05 | 42.34 |
| 1944 | 21 | 31 | 76 | 107 | 43.22 | 43.14 | 43.16 |
| 1943 | 22 | 28 | 72 | 100 | 44.12 | 43.90 | 43.96 |
| 1942 | 23 | 7 | 52 | 59 | 45.50 | 44.53 | 44.65 |
| 1941 | 24 | 3 | 10 | 13 | 46.00 | 46.33 | 46.25 |
| 1940 | 25 | - | 14 | 14 | - | 47.50 | 47.50 |
| 1939 | 26 | - | - | - | - | - | - |
| 1938 | 27 | - | 3 | 3 | - | 50.00 | 50.00 |
| Total ‰ | | 390 | 610 | 1000 | | | |
| Serial Numbers | | - | - | - | | | |
| Number of Samples | | - | - | 1 | | | |
| Number of Fish Aged | | 113 | 177 | 290 | | | |
| Mean Age | | 17.51 | 19.41 | 18.67 | | | |
| Mean Weight (kg) | | 0.926 | 1.043 | 0.997 | | | |
| Total Weight Landed (tons) | | - | - | 22 | | | |
| Estimated Number Landed | | - | - | 22066 | | | |
| Mesh(mm) or Hook(no.) Size | | - | - | 110 | | | |
| Range of Depths (fm) | | - | - | 295-315 | | | |

TABLE 84

AGE FREQUENCIES - REDFISH - 3L - 1965

(FREQUENCIES IN ‰)

| GEAR | | Otter Trawl (Exploratory) | | | | | | | | | | | |
|----------------------------|-----|------------------------------|-------|---------|-------------|-------|-------|-------------|-------|---------|-------------|-------|-------|
| CATCHES/LANDINGS | | Catches | | | | | | | | | | | |
| MONTH | | July | | | | | | September | | | | | |
| COUNTRY | | USSR | | | | | | | | | | | |
| SPECIES OR TYPE | | <i>S. mentella</i> | | | | | | | | | | | |
| TONNAGE | | 1800 | | | | | | | | | | | |
| YEAR-CLASS | AGE | ‰ Frequency | | | Mean Length | | | ‰ Frequency | | | Mean Length | | |
| | | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. |
| 1959 | 6 | - | 4 | 4 | - | 18.00 | 18.00 | - | - | - | - | - | - |
| 1958 | 7 | - | - | - | - | - | - | - | - | - | - | - | - |
| 1957 | 8 | 8 | 4 | 12 | 25.50 | 25.00 | 25.33 | - | - | - | - | - | - |
| 1956 | 9 | 36 | 17 | 53 | 27.22 | 27.25 | 27.23 | - | - | - | - | - | - |
| 1955 | 10 | 44 | 80 | 124 | 28.45 | 28.25 | 28.32 | - | - | - | - | - | - |
| 1954 | 11 | 44 | 80 | 124 | 30.63 | 31.15 | 30.97 | 6 | - | 6 | 32.00 | - | 32.00 |
| 1953 | 12 | 80 | 32 | 112 | 33.25 | 33.37 | 33.28 | 41 | 12 | 53 | 33.29 | 33.50 | 33.33 |
| 1952 | 13 | 80 | 20 | 100 | 34.50 | 34.40 | 34.48 | 41 | 23 | 64 | 35.00 | 35.00 | 35.00 |
| 1951 | 14 | 36 | 12 | 48 | 36.11 | 36.00 | 36.08 | 64 | 47 | 111 | 37.29 | 36.50 | 36.47 |
| 1950 | 15 | 36 | 36 | 72 | 37.11 | 36.78 | 36.94 | 35 | 105 | 140 | 36.66 | 37.55 | 37.33 |
| 1949 | 16 | 20 | 36 | 56 | 38.00 | 38.78 | 38.50 | 6 | 122 | 128 | 39.00 | 38.95 | 38.95 |
| 1948 | 17 | 8 | 44 | 52 | 39.00 | 39.18 | 39.15 | - | 111 | 111 | - | 39.36 | 39.36 |
| 1947 | 18 | - | 24 | 24 | - | 40.33 | 40.33 | - | 59 | 59 | - | 40.70 | 40.70 |
| 1946 | 19 | - | 62 | 62 | - | 41.33 | 41.33 | - | 105 | 105 | - | 41.72 | 41.72 |
| 1945 | 20 | - | 24 | 24 | - | 42.67 | 42.67 | - | 100 | 100 | - | 42.29 | 42.29 |
| 1944 | 21 | - | 48 | 48 | - | 43.83 | 43.83 | - | 41 | 41 | - | 43.43 | 43.43 |
| 1943 | 22 | - | 44 | 44 | - | 44.63 | 44.63 | - | 53 | 53 | - | 44.78 | 44.78 |
| 1942 | 23 | - | 20 | 20 | - | 45.40 | 45.40 | - | 23 | 23 | - | 44.25 | 44.25 |
| 1941 | 24 | - | 17 | 17 | - | 46.75 | 46.75 | - | 6 | 6 | - | 46.00 | 46.00 |
| 1940 | 25 | - | 4 | 4 | - | 48.00 | 48.00 | - | - | - | - | - | - |
| Total ‰ | | 392 | 608 | 1000 | | | | 193 | 807 | 1000 | | | |
| Serial Numbers | | - | - | - | | | | - | - | - | | | |
| Number of Samples | | - | - | 1 | | | | - | - | 1 | | | |
| Number of Fish Aged | | 98 | 151 | 249 | | | | 33 | 138 | 171 | | | |
| Mean Age | | 12.28 | 15.91 | 14.40 | | | | 13.51 | 17.68 | 16.88 | | | |
| Mean Weight (kg) | | 0.639 | 0.961 | 0.818 | | | | 0.741 | 1.136 | 1.060 | | | |
| Total Weight Landed (tons) | | - | - | 10 | | | | - | - | 17 | | | |
| Estimated Number Landed | | - | - | 12225 | | | | - | - | 16038 | | | |
| Mesh(mm) or Hook(no.) Size | | - | - | 110 | | | | - | - | 110 | | | |
| Range of Depths (fm) | | - | - | 145-148 | | | | - | - | 220-225 | | | |

| GEAR | | Otter Trawl (Exploratory) | | | | | | | | | | | |
|----------------------------|-----|------------------------------|-------|---------|-------------|-------|-------|-------------|-------|---------|-------------|-------|-------|
| CATCHES/LANDINGS | | February | | | | | | June | | | | | |
| MONTH | | USSR | | | | | | USSR | | | | | |
| COUNTRY | | <i>S. mantella</i> | | | | | | | | | | | |
| SPECIES OR TYPE | | 1800 | | | | | | | | | | | |
| TONNAGE | | ‰ Frequency | | | Mean Length | | | ‰ Frequency | | | Mean Length | | |
| YEAR-CLASS | AGE | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. |
| 1961 | 4 | - | - | - | - | - | - | 4 | 4 | 8 | 16.00 | 17.00 | 16.50 |
| 1960 | 5 | - | - | - | - | - | - | 31 | 19 | 50 | 19.88 | 20.20 | 20.00 |
| 1959 | 6 | - | - | - | - | - | - | 35 | 31 | 66 | 21.66 | 21.62 | 21.65 |
| 1958 | 7 | - | - | - | - | - | - | 50 | 42 | 92 | 23.08 | 23.36 | 23.21 |
| 1957 | 8 | - | - | - | - | - | - | 35 | 39 | 74 | 25.44 | 25.10 | 25.26 |
| 1956 | 9 | - | - | - | - | - | - | 39 | 46 | 85 | 26.00 | 25.75 | 25.86 |
| 1955 | 10 | 4 | - | 4 | 31.00 | - | 31.00 | 19 | 4 | 23 | - | 26.00 | 28.83 |
| 1954 | 11 | 15 | - | 15 | 33.00 | - | 33.00 | 58 | 8 | 66 | 32.00 | 33.50 | 32.18 |
| 1953 | 12 | 73 | 100 | 173 | 33.79 | 34.46 | 34.18 | 103 | 42 | 145 | 33.15 | 33.91 | 33.37 |
| 1952 | 13 | 57 | 142 | 199 | 34.20 | 34.86 | 34.67 | 42 | 39 | 81 | 34.73 | 34.90 | 34.81 |
| 1951 | 14 | 8 | 184 | 192 | 35.00 | 36.16 | 36.12 | 31 | 62 | 93 | 35.50 | 36.19 | 35.96 |
| 1950 | 15 | 11 | 192 | 203 | 37.33 | 37.18 | 37.19 | 27 | 89 | 116 | 36.86 | 37.26 | 37.17 |
| 1949 | 16 | 8 | 103 | 111 | 38.50 | 37.92 | 37.96 | 8 | 66 | 74 | 37.50 | 37.94 | 37.89 |
| 1948 | 17 | - | 50 | 50 | - | 39.15 | 39.15 | 4 | 19 | 23 | 40.00 | 38.80 | 39.00 |
| 1947 | 18 | - | 11 | 11 | - | 40.00 | 40.00 | - | 4 | 4 | - | 40.00 | 40.00 |
| 1946 | 19 | - | 11 | 11 | - | 40.00 | 40.00 | - | - | - | - | - | - |
| 1945 | 20 | - | 15 | 15 | - | 42.50 | 42.50 | - | - | - | - | - | - |
| 1944 | 21 | - | 4 | 4 | - | 44.00 | 44.00 | - | - | - | - | - | - |
| 1943 | 22 | - | 8 | 8 | - | 45.00 | 45.00 | - | - | - | - | - | - |
| 1942 | 23 | - | 4 | 4 | - | 46.00 | 46.00 | - | - | - | - | - | - |
| Total ‰ | | 176 | 824 | 1000 | | | | 486 | 514 | 1000 | | | |
| Serial Numbers | | - | - | - | | | | - | - | - | | | |
| Number of Samples | | - | - | 1 | | | | - | - | 1 | | | |
| Number of Fish Aged | | 46 | 215 | 261 | | | | 126 | 133 | 259 | | | |
| Mean Age | | 12.65 | 14.64 | 14.29 | | | | 10.31 | 11.88 | 11.12 | | | |
| Mean Weight (kg) | | 0.485 | 0.642 | 0.615 | | | | 0.446 | 0.560 | 0.494 | | | |
| Total Weight Landed (tons) | | - | - | 7 | | | | - | - | 27 | | | |
| Estimated Number Landed | | - | - | 11382 | | | | - | - | 54656 | | | |
| Mesh(mm) or Hook(no.) Size | | - | - | 110 | | | | - | - | 110 | | | |
| Range of Depths (fm) | | - | - | 225-230 | | | | - | - | 200-205 | | | |

TABLE 86

AGE/LENGTH KEYS AND FREQUENCIES (REDFISH) - 1965

(Available on request from the Secretariat)

In accordance with a recommendation made by the Research and Statistics Committee at their Annual Meeting in 1962 and reaffirmed in 1965, Age/Length Keys and Frequencies will not be published but are to be deposited in the Secretariat and made available to Member Countries on request. The following Age/Length Keys and Frequencies for redfish are now on file in the Secretariat.

GEAR: Otter Trawl

U. S. S. R.

| DIVISION | MONTH |
|----------|----------------------|
| 2J | March May July |
| 3L | July September |
| 3M | February June |

| GEAR | Otter Trawl (Commercial) | | | | | |
|----------------------------|-----------------------------|--------|--------|--------|-----------|----------|
| | Catches | | | | | |
| CATCHES/LANDINGS | May | June | July | August | September | November |
| MONTH | USSR | | | | | |
| COUNTRY | NK | | | | | |
| TONNAGE | | | | | | |
| 18 | - | - | - | - | - | 23 |
| 20 | 0 | - | - | 1 | - | 107 |
| 22 | 0 | - | 1 | 6 | - | 110 |
| 24 | 2 | - | 3 | 38 | 2 | 63 |
| 26 | 17 | 6 | 23 | 78 | 16 | 113 |
| 28 | 161 | 21 | 160 | 273 | 103 | 240 |
| 30 | 354 | 200 | 270 | 318 | 227 | 198 |
| 32 | 254 | 194 | 274 | 164 | 245 | 87 |
| 34 | 130 | 167 | 119 | 80 | 169 | 20 |
| 36 | 50 | 149 | 72 | 28 | 99 | 13 |
| 38 | 18 | 130 | 41 | 6 | 80 | 10 |
| 40 | 7 | 84 | 26 | 2 | 40 | 3 |
| 42 | 4 | 43 | 8 | 3 | 12 | 3 |
| 44 | 2 | 3 | 1 | 1 | 5 | 7 |
| 46 | 1 | 3 | 2 | 2 | 2 | - |
| 48 | 0 | - | 0 | - | - | - |
| 50 | 0 | - | 0 | - | - | 3 |
| 52 | 0 | - | - | - | - | - |
| 54 | 0 | - | - | - | - | - |
| Total ‰ | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Serial Numbers | - | - | - | - | - | - |
| Number of Samples | 36 | 1 | 11 | 4 | 4 | 2 |
| Number of Fish Measured | 15036 | 330 | 2854 | 1053 | 925 | 300 |
| Mean Length (cm) | 31.7 | 34.9 | 32.2 | 30.3 | 33.3 | 27.6 |
| Mean Weight (kg) | 0.238 | 0.238 | 0.233 | 0.233 | 0.193 | 0.134 |
| Total Weight Landed (tons) | 132675 | 510.5 | 122236 | 38474 | 817.5 | 692.7 |
| Estimated Number Landed | 55.7 | 2.1 | 52.5 | 16.5 | 4.3 | 5.2 |
| Mesh(mm) or Hook(no.) Size | 40 | 40 | 40 | 40 | 40 | 40 |
| Range of Depths (fm) | 65-190 | 50-180 | 30-140 | 90-120 | 20-140 | 80-120 |

TABLE 88

LENGTH FREQUENCIES - SILVER HAKE - 5Z - 1965

(FREQUENCIES IN ‰ - 2 CM GROUPS)

| GEAR | Otter Trawl (Commercial) | | | | |
|----------------------------|-----------------------------|---------|---------|---------|---------|
| | Catches | | | | |
| CATCHES/LANDINGS | March | April | May | June | July |
| MONTH | USSR | | | | |
| COUNTRY | NK | | | | |
| TONNAGE | | | | | |
| 16 | - | - | 0 | - | 4 |
| 18 | 0 | 1 | - | - | 4 |
| 20 | 9 | 16 | 1 | 0 | 5 |
| 22 | 48 | 59 | 15 | 8 | 33 |
| 24 | 102 | 86 | 54 | 54 | 97 |
| 26 | 304 | 209 | 207 | 230 | 227 |
| 28 | 327 | 362 | 389 | 371 | 289 |
| 30 | 129 | 174 | 215 | 224 | 173 |
| 32 | 53 | 60 | 78 | 74 | 103 |
| 34 | 16 | 20 | 22 | 24 | 32 |
| 36 | 5 | 6 | 11 | 9 | 12 |
| 38 | 3 | 4 | 3 | 3 | 5 |
| 40 | 2 | 2 | 1 | 1 | 14 |
| 42 | 1 | 0 | 1 | 1 | 2 |
| 44 | 1 | 1 | 1 | 1 | - |
| 46 | 0 | 0 | 1 | 0 | - |
| 48 | 0 | 0 | 0 | 0 | - |
| 50 | 0 | 0 | 0 | 0 | - |
| 52 | 0 | 0 | 1 | 0 | - |
| 54 | - | - | 0 | 0 | - |
| 56 | - | - | 0 | - | - |
| 58 | - | - | 0 | - | - |
| Total ‰ | 1000 | 1000 | 1000 | 1000 | 1000 |
| Serial Numbers | - | - | - | - | - |
| Number of Samples | 15 | 19 | 25 | 47 | 5 |
| Number of Fish Measured | 4825 | 6462 | 8620 | 15776 | 1286 |
| Mean Length (cm) | 27.8 | 28.1 | 28.8 | 28.8 | 28.6 |
| Mean Weight (kg) | 0.158 | 0.164 | 0.164 | 0.163 | 0.186 |
| Total Weight Landed (tons) | 36045.9 | 54136.3 | 25824.8 | 33716.2 | 22554.4 |
| Estimated Number Landed | 228.1 | 330.1 | 157.5 | 206.8 | 121.3 |
| Mesh(mm) or Hook(no.) Size | 40 | 40 | 40 | 40 | 40 |
| Range of Depths (fm) | 80-140 | 60-120 | 70-140 | 75-170 | 40-170 |

TABLE 88
(cont'd)

LENGTH FREQUENCIES - SILVER HAKE - 52 - 1965

(FREQUENCIES IN ‰ - 2 CM GROUPS)

| GEAR | Otter Trawl (Commercial) | | | | |
|----------------------------|-----------------------------|-----------|---------|----------|----------|
| | Catches | | | | |
| CATCHES/LANDINGS | August | September | October | November | December |
| MONTH | USSR | | | | |
| COUNTRY | NK | | | | |
| TONNAGE | | | | | |
| 14 | - | - | 5 | - | - |
| 16 | 6 | - | 18 | 3 | - |
| 18 | 14 | - | 70 | 25 | 2 |
| 20 | 13 | - | 159 | 159 | 72 |
| 22 | 7 | - | 146 | 264 | 274 |
| 24 | 41 | - | 55 | 108 | 154 |
| 26 | 187 | 19 | 91 | 60 | 45 |
| 28 | 330 | 132 | 185 | 93 | 69 |
| 30 | 219 | 194 | 132 | 127 | 105 |
| 32 | 93 | 174 | 65 | 69 | 69 |
| 34 | 44 | 160 | 29 | 33 | 51 |
| 36 | 21 | 140 | 13 | 19 | 41 |
| 38 | 9 | 91 | 10 | 15 | 38 |
| 40 | 16 | 49 | 7 | 8 | 30 |
| 42 | - | 16 | 5 | 7 | 18 |
| 44 | - | 12 | 4 | 3 | 14 |
| 46 | - | 2 | 2 | 2 | 8 |
| 48 | - | 9 | 2 | 2 | 5 |
| 50 | - | 2 | 0 | 1 | 3 |
| 52 | - | - | 1 | 1 | 2 |
| 54 | - | - | 1 | 1 | 1 |
| 56 | - | - | - | 0 | 0 |
| 58 | - | - | 0 | - | 0 |
| 60 | - | - | - | - | 0 |
| 62 | - | - | - | - | 0 |
| Total ‰/oo | 1000 | 1000 | 1000 | 1000 | 1000 |
| Serial Numbers | - | - | - | - | - |
| Number of Samples | 12 | 3 | 21 | 35 | 54 |
| Number of Fish Measured | 5437 | 795 | 3656 | 6634 | 10110 |
| Mean Length (cm) | 29.1 | 33.8 | 26.2 | 26.0 | 28.3 |
| Mean Weight (kg) | 0.186 | 0.186 | 0.129 | 0.114 | 0.156 |
| Total Weight Landed (tons) | 8411.0 | 1986.0 | 1704.0 | 792.0 | 1150.2 |
| Estimated Number Landed | 45.2 | 10.7 | 13.2 | 6.9 | 7.4 |
| Mesh(mm) or Hook(no.) Size | 40 | 40 | 40 | 40 | 40 |
| Range of Depths (fm) | 20-40 | 30-55 | 30-270 | 30-270 | 20-150 |

TABLE 89

AGE FREQUENCIES - SILVER HAKE - 4W - 1965

(FREQUENCIES IN ‰)

| GEAR | | Otter Trawl (Commercial) | | | | | | | | | | | |
|----------------------------|-----|-----------------------------|------|-------------------|-------------|------|------|-------------|------|----------|-------------|------|------|
| CATCHES/LANDINGS | | Catches | | | | | | | | | | | |
| MONTH | | May | | | | | | July | | | | | |
| COUNTRY | | USSR | | | | | | | | | | | |
| TONNAGE | | NK | | | | | | | | | | | |
| YEAR-CLASS | AGE | ‰ Frequency | | | Mean Length | | | ‰ Frequency | | | Mean Length | | |
| | | 88 | 99 | Tot. | 88 | 99 | Tot. | 88 | 99 | Tot. | 88 | 99 | Tot. |
| 1963 | 2 | - | - | - | - | - | - | 5 | 5 | 10 | 24.5 | 24.5 | 24.5 |
| 1962 | 3 | 103 | 10 | 126 ¹ | 28.8 | 29.9 | 28.8 | 330 | 90 | 420 | 28.9 | 29.9 | 29.1 |
| 1961 | 4 | 444 | 225 | 669 | 30.8 | 32.1 | 31.2 | 225 | 245 | 470 | 30.7 | 32.9 | 31.9 |
| 1960 | 5 | 27 | 163 | 190 | 34.3 | 35.9 | 35.6 | 10 | 85 | 95 | 38.5 | 35.9 | 36.2 |
| 1959 | 6 | - | 15 | 15 | - | 42.5 | 42.5 | - | 5 | 5 | - | 42.5 | 42.5 |
| Total ‰ | | 574 | 413 | 1000 ¹ | | | | 570 | 430 | 1000 | | | |
| Serial Numbers | | - | - | - | | | | - | - | - | | | |
| Number of Samples | | - | - | 3 | | | | - | - | 2 | | | |
| Number of Fish Aged | | 168 | 122 | 294 ¹ | | | | 114 | 86 | 200 | | | |
| Mean Age | | 3.87 | 4.44 | 4.1 | | | | 3.42 | 3.99 | 3.67 | | | |
| Mean Weight (kg) | | - | - | 0.238 | | | | - | - | 0.233 | | | |
| Total Weight Landed (tons) | | - | - | -13267.5 | | | | - | - | -12223.6 | | | |
| Estimated Number Landed | | - | - | 55.7 | | | | - | - | 52.5 | | | |
| Mesh(mm) or Hook(no.) Size | | - | - | 40 | | | | - | - | 40 | | | |
| Range of Depths (fm) | | - | - | 65-190 | | | | - | - | 30-140 | | | |

¹ Total includes juveniles = 13 ‰

TABLE 89
(cont'd)

AGE FREQUENCIES - SILVER HAKE - 4W - 1965

(FREQUENCIES IN ‰)

| GEAR | | Otter Trawl (Commercial) | | | | | |
|----------------------------|-----|-----------------------------|------|--------|-------------|------|------|
| CATCHES/LANDINGS | | Catches | | | | | |
| MONTH | | September | | | | | |
| COUNTRY | | USSR | | | | | |
| TONNAGE | | NK | | | | | |
| YEAR-CLASS | AGE | ‰ Frequency | | | Mean Length | | |
| | | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. |
| 1963 | 2 | 9 | - | 9 | 24.5 | - | 24.5 |
| 1962 | 3 | 372 | 69 | 441 | 29.7 | 31.2 | 30.0 |
| 1961 | 4 | 335 | 86 | 421 | 31.8 | 32.5 | 31.9 |
| 1960 | 5 | 26 | 68 | 94 | 33.2 | 37.5 | 36.3 |
| 1959 | 6 | - | 35 | 35 | - | 38.5 | 38.5 |
| Total ‰ | | 742 | 258 | 1000 | | | |
| Serial Numbers | | - | - | - | | | |
| Number of Samples | | - | - | 1 | | | |
| Number of Fish Aged | | 86 | 30 | 116 | | | |
| Mean Age | | 3.5 | 4.26 | 3.7 | | | |
| Mean Weight (kg) | | - | - | 0.193 | | | |
| Total Weight Landed (tons) | | - | - | 817.5 | | | |
| Estimated Number Landed | | - | - | 4.3 | | | |
| Mesh(mm) or Hook(no.) Size | | - | - | 40 | | | |
| Range of Depths (fm) | | - | - | 20-140 | | | |

TABLE 90

AGE FREQUENCIES - SILVER HAKE - 5Z - 1965

(FREQUENCIES IN ‰)

| GEAR | | Otter Trawl (Commercial) | | | | | | | | | | | |
|----------------------------|-----|-----------------------------|------|-------------------|-------------|------|------|-------------|------|-------------------|-------------|------|------|
| CATCHES/LANDINGS | | Catches | | | | | | | | | | | |
| MONTH | | January | | | | | | March | | | | | |
| COUNTRY | | USSR | | | | | | | | | | | |
| TONNAGE | | NK | | | | | | | | | | | |
| YEAR-CLASS | AGE | ‰ Frequency | | | Mean Length | | | ‰ Frequency | | | Mean Length | | |
| | | ‰ | ‰ | Tot. | ‰ | ‰ | Tot. | ‰ | ‰ | Tot. | ‰ | ‰ | Tot. |
| 1963 | 2 | 10 | 5 | 37 ¹ | 23.5 | 28.0 | 24.7 | 40 | 13 | 60 ² | 24.1 | 24.9 | 24.1 |
| 1962 | 3 | 241 | 55 | 324 ¹ | 29.0 | 29.9 | 29.0 | 308 | 233 | 556 ² | 27.3 | 27.9 | 27.5 |
| 1961 | 4 | 262 | 168 | 430 | 32.2 | 33.7 | 32.7 | 165 | 185 | 355 ² | 29.7 | 30.3 | 30.0 |
| 1960 | 5 | 61 | 131 | 192 | 36.1 | 36.8 | 36.6 | - | 22 | 22 | - | 37.1 | 37.1 |
| 1959 | 6 | - | 17 | 17 | - | 42.5 | 42.5 | - | 7 | 7 | - | 37.2 | 37.2 |
| Total ‰ | | 574 | 376 | 1000 ¹ | | | | 513 | 460 | 1000 ² | | | |
| Serial Numbers | | - | - | - | | | | - | - | - | | | |
| Number of Samples | | - | - | 2 | | | | - | - | 4 | | | |
| Number of Fish Aged | | 105 | 69 | 183 ¹ | | | | 205 | 184 | 400 ² | | | |
| Mean Age | | 3.66 | 4.26 | 3.83 | | | | 3.24 | 3.50 | 3.36 | | | |
| Mean Weight (kg) | | - | - | - | | | | - | - | 0.158 | | | |
| Total Weight Landed (tons) | | - | - | 9413.0 | | | | - | - | 36045.9 | | | |
| Estimated Number Landed | | - | - | - | | | | - | - | 228.1 | | | |
| Mesh(mm) or Hook(no.) Size | | - | - | 40 | | | | - | - | 40 | | | |
| Range of Depths (fm) | | - | - | 75-110 | | | | - | - | 80-140 | | | |

¹ Total includes 9 juveniles = 50 ‰² Total includes 11 juveniles = 27 ‰

TABLE 90
(cont'd)

AGE FREQUENCIES - SILVER HAKE - SZ - 1965

(FREQUENCIES IN ‰)

| GEAR | | Otter Trawl (Commercial) | | | | | | | | | | | |
|----------------------------|-----|-----------------------------|------|-------------------|-------------|------|------|-------------|------|-------------------|-------------|------|------|
| CATCHES/LANDINGS | | Catches | | | | | | | | | | | |
| MONTH | | April | | | | | | May | | | | | |
| COUNTRY | | USSR | | | | | | | | | | | |
| TONNAGE | | NK | | | | | | | | | | | |
| YEAR-CLASS | AGE | ‰ Frequency | | | Mean Length | | | ‰ Frequency | | | Mean Length | | |
| | | 80 | 90 | Tot. | 80 | 90 | Tot. | 80 | 90 | Tot. | 80 | 90 | Tot. |
| 1964 | 1 | 7 | 2 | 9 | 19.1 | 20.5 | 19.5 | - | - | - | - | - | - |
| 1963 | 2 | 42 | 39 | 92 ¹ | 23.1 | 23.5 | 23.4 | 12 | 19 | 31 | 24.5 | 25.7 | 25.3 |
| 1962 | 3 | 253 | 156 | 435 ¹ | 28.2 | 29.0 | 28.4 | 270 | 238 | 516 ² | 27.3 | 28.4 | 27.9 |
| 1961 | 4 | 158 | 171 | 331 ¹ | 30.9 | 32.0 | 31.4 | 184 | 238 | 426 ² | 29.5 | 30.6 | 30.3 |
| 1960 | 5 | 13 | 94 | 107 | 33.2 | 36.8 | 36.4 | - | 27 | 27 | - | 35.6 | 35.6 |
| 1959 | 6 | - | 24 | 24 | - | 44.0 | 44.0 | - | - | - | - | - | - |
| 1958 | 7 | - | 2 | 2 | - | 50.5 | 50.5 | - | - | - | - | - | - |
| Total ‰ | | 473 | 488 | 1000 ¹ | | | | 466 | 522 | 1000 ² | | | |
| Serial Numbers | | - | - | - | | | | - | - | - | | | |
| Number of Samples | | - | - | 6 | | | | - | - | 3 | | | |
| Number of Fish Aged | | 215 | 223 | 456 ¹ | | | | 119 | 134 | 256 ² | | | |
| Mean Age | | 3.27 | 3.82 | 3.51 | | | | 3.35 | 3.52 | 3.45 | | | |
| Mean Weight (kg) | | - | - | 0.164 | | | | - | - | 0.164 | | | |
| Total Weight Landed (tons) | | - | - | 54136.3 | | | | - | - | 25824.8 | | | |
| Estimated Number Landed | | - | - | 330.1 | | | | - | - | 157.5 | | | |
| Mesh(mm) or Hook(no.) Size | | - | - | 40 | | | | - | - | 40 | | | |
| Range of Depths (fm) | | - | - | 60-120 | | | | - | - | 75-140 | | | |

¹ Total includes 18 juveniles = 39 ‰² Total includes 3 juveniles = 12 ‰

TABLE 90
(cont'd)

AGE FREQUENCIES - SILVER HAKE - 5Z - 1965

(FREQUENCIES IN ‰)

| GEAR | | Otter Trawl | | | | | | | | | | | |
|----------------------------|-----|--------------|------|---------|-------------|------|------|-------------|------|-------------------|-------------|------|------|
| CATCHES/LANDINGS | | (Commercial) | | | | | | | | | | | |
| MONTH | | June | | | | | | July | | | | | |
| COUNTRY | | USSR | | | | | | | | | | | |
| TONNAGE | | NK | | | | | | | | | | | |
| YEAR-CLASS | AGE | ‰ Frequency | | | Mean Length | | | ‰ Frequency | | | Mean Length | | |
| | | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. |
| 1964 | 1 | - | - | - | - | - | - | - | 4 | 8 ¹ | - | 20.5 | 20.5 |
| 1963 | 2 | 56 | 21 | 77 | 25.8 | 26.5 | 26.0 | 36 | 40 | 76 | 24.5 | 24.3 | 24.4 |
| 1962 | 3 | 385 | 237 | 622 | 28.0 | 29.1 | 28.5 | 347 | 207 | 554 | 28.5 | 28.8 | 28.6 |
| 1961 | 4 | 133 | 146 | 279 | 30.3 | 31.5 | 30.9 | 181 | 91 | 272 | 31.3 | 31.8 | 31.5 |
| 1960 | 5 | - | 22 | 22 | - | 36.0 | 36.0 | 8 | 59 | 67 | 35.5 | 38.5 | 38.0 |
| 1959 | 6 | - | - | - | - | - | - | - | 23 | 23 | - | 45.4 | 45.4 |
| Total ‰ | | 574 | 426 | 1000 | | | | 572 | 424 | 1000 ¹ | | | |
| Serial Numbers | | - | - | - | | | | - | - | - | | | |
| Number of Samples | | - | - | 5 | | | | - | - | 2 | | | |
| Number of Fish Aged | | 298 | 222 | 520 | | | | 126 | 94 | 221 ¹ | | | |
| Mean Age | | 3.13 | 3.39 | 3.25 | | | | 3.28 | 3.54 | 3.39 | | | |
| Mean Weight (kg) | | - | - | 0.163 | | | | - | - | 0.186 | | | |
| Total Weight Landed (tons) | | - | - | 33716.2 | | | | - | - | 22554.4 | | | |
| Estimated Number Landed | | - | - | 206.8 | | | | - | - | 121.3 | | | |
| Mesh(mm) or Hook(no.) Size | | - | - | 40 | | | | - | - | 40 | | | |
| Range of Depths (fm) | | - | - | 75-170 | | | | - | - | 40-170 | | | |

¹ Total includes 1 juvenile = 4 ‰

TABLE 90
(cont'd)

AGE FREQUENCIES - SILVER HAKE - 5Z - 1965

(FREQUENCIES IN ‰)

| GEAR | | Otter Trawl (Commercial) | | | | | | | | | | | |
|----------------------------|-----|-----------------------------|------|--------|-------------|------|------|-------------|-----|--------|-------------|------|------|
| CATCHES/LANDINGS | | Catches | | | | | | | | | | | |
| MONTH | | August | | | | | | September | | | | | |
| COUNTRY | | USSR | | | | | | | | | | | |
| TONNAGE | | NK | | | | | | | | | | | |
| YEAR-CLASS | AGE | ‰ Frequency | | | Mean Length | | | ‰ Frequency | | | Mean Length | | |
| | | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. |
| 1962 | 3 | 520 | 60 | 580 | 29.5 | 30.5 | 29.6 | 181 | 112 | 293 | 29.6 | 30.9 | 30.1 |
| 1961 | 4 | 220 | 120 | 340 | 32.3 | 33.1 | 32.6 | 112 | 213 | 325 | 31.9 | 34.6 | 33.7 |
| 1960 | 5 | - | 60 | 60 | - | 37.9 | 37.9 | 11 | 281 | 292 | 36.5 | 37.5 | 37.5 |
| 1959 | 6 | - | - | - | - | - | - | - | 90 | 90 | - | 45.7 | 45.7 |
| 1958 | 7 | - | 20 | 20 | - | 48.5 | 48.5 | - | - | - | - | - | - |
| Total ‰ | | 740 | 260 | 1000 | | | | 304 | 696 | 1000 | | | |
| Serial Numbers | | - | - | - | | | | - | - | - | | | |
| Number of Samples | | - | - | 1 | | | | - | - | 1 | | | |
| Number of Fish Aged | | 37 | 13 | 50 | | | | 27 | 62 | 89 | | | |
| Mean Age | | 3.3 | 4.23 | 3.54 | | | | 3.44 | 4.5 | 4.18 | | | |
| Mean Weight (kg) | | - | - | 0.186 | | | | - | - | 0.186 | | | |
| Total Weight Landed (tons) | | - | - | 8411.0 | | | | - | - | 1986.0 | | | |
| Estimated Number Landed | | - | - | 45.2 | | | | - | - | 10.7 | | | |
| Mesh(mm) or Hook(no.) Size | | - | - | 40 | | | | - | - | 40 | | | |
| Range of Depths (fm) | | - | - | 20-40 | | | | - | - | 30-55 | | | |

TABLE 91

AGE/LENGTH KEYS AND FREQUENCIES (SILVER HAKE) - 1965

(Available on request from the Secretariat)

In accordance with a recommendation made by the Research and Statistics Committee at their Annual Meeting in 1962 and reaffirmed in 1965, Age/Length Keys and Frequencies will not be published but are to be deposited in the Secretariat and made available to Member Countries on request. The following Age/Length Keys and Frequencies for silver hake are now on file in the Secretariat.

GEAR: Otter Trawl

U. S. S. R.

| DIVISION | MONTH |
|----------|---|
| 4W | May July September |
| 5Z | January March April May June July August September |

| GEAR | Otter Trawl (Commercial) |
|----------------------------|-----------------------------|
| CATCHES/LANDINGS | Landings |
| MONTH | October |
| COUNTRY | Canada (Maritimes) |
| TONNAGE | 51-150 |
| 42 | 24 |
| 44 | 45 |
| 46 | 87 |
| 48 | 142 |
| 50 | 116 |
| 52 | 47 |
| 54 | 60 |
| 56 | 50 |
| 58 | 74 |
| 60 | 39 |
| 62 | 13 |
| 64 | 26 |
| 66 | 39 |
| 68 | 39 |
| 70 | 37 |
| 72 | 39 |
| 74 | 32 |
| 76 | 13 |
| 78 | 26 |
| 80 | 10 |
| 82 | 10 |
| 84 | 8 |
| 86 | 10 |
| 88 | 8 |
| 90 | - |
| 92 | - |
| 94 | - |
| 96 | - |
| 98 | 3 |
| 100 | 3 |
| Total ‰ | 1000 |
| Serial Numbers | 136-137 |
| Number of Samples | 2 |
| Number of Fish Measured | 381 |
| Mean Length (cm) | 58.15 |
| Mean Weight (kg) | 1.69 |
| Total Weight Landed (tons) | - |
| Estimated Number Landed | - |
| Mesh(mm) or Hook(no.) Size | 4 1/2-4 5/8 ¹ |
| Range of Depths (fm) | 16-31 |

¹ Mesh size - inches

TABLE 93

LENGTH FREQUENCIES - RED HAKE - 4X - 1965

(FREQUENCIES IN ‰ - 2 CM GROUPS)

| GEAR | Otter Trawl (Commercial) |
|----------------------------|-----------------------------|
| CATCHES/LANDINGS | Landings |
| MONTH | NK |
| COUNTRY | Canada (Maritimes) |
| TONNAGE | 151-500 |
| 44 | 2 |
| 46 | 4 |
| 48 | 5 |
| 50 | 5 |
| 52 | 18 |
| 54 | 27 |
| 56 | 29 |
| 58 | 46 |
| 60 | 68 |
| 62 | 112 |
| 64 | 127 |
| 66 | 112 |
| 68 | 119 |
| 70 | 89 |
| 72 | 80 |
| 74 | 48 |
| 76 | 34 |
| 78 | 25 |
| 80 | 14 |
| 82 | 5 |
| 84 | 7 |
| 86 | 0 |
| 88 | 4 |
| 90 | 2 |
| 92 | 2 |
| 94 | 2 |
| 96 | 2 |
| 98 | 2 |
| 100 | - |
| 102 | - |
| 104 | - |
| 106 | 2 |
| 108 | 2 |
| 110 | 2 |
| 112 | 2 |
| 114 | - |
| 116 | - |
| 118 | - |
| 120 | - |
| 122 | - |
| 124 | 2 |
| Total ‰ | 1000 |
| Serial Numbers | 138-140 |
| Number of Samples | 3 |
| Number of Fish Measured | 561 |
| Mean Length (cm) | 67.19 |
| Mean Weight (kg) | 2.62 |
| Total Weight Landed (tons) | - |
| Estimated Number Landed | - |
| Mesh(mm) or Hook(no.) Size | 4 1/2 ¹ |
| Range of Depths (fm) | 60-80 |

¹ Mesh size - inches

TABLE 94

LENGTH FREQUENCIES - AMERICAN PLAICE - 3L - 1965

(FREQUENCIES IN %/OO - 1 CM GROUPS)

| GEAR | Otter Trawl | | | | | | | | | | | |
|----------------------------|-------------------------|-------|--------------------|-------|-------|----------------------|---------|-------|--------------------|-------|-------|--------------------|
| | (Commercial) | | | | | | | | | | | |
| | Landings Before Discard | | | | | | | | | | | |
| | April | | | May | | | May | | | June | | |
| CATCHES/LANDINGS | Canada (Newfoundland) | | | | | | | | | | | |
| MONTH | | | | | | | | | | | | |
| COUNTRY | | | | | | | | | | | | |
| SEX | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. |
| TONNAGE | 151-500 | | | | | | 501-900 | | | | | |
| 23 | 2 | - | 2 | - | - | - | - | - | - | - | - | - |
| 24 | - | - | - | - | - | - | - | - | - | - | - | - |
| 25 | - | - | - | - | - | - | - | - | - | - | - | - |
| 26 | - | - | - | - | - | - | - | - | - | 2 | - | 2 |
| 27 | - | - | - | - | - | - | - | - | - | - | - | - |
| 28 | 2 | - | 2 | 1 | - | 1 | 1 | - | 1 | - | - | - |
| 29 | - | - | - | 1 | - | 1 | - | - | - | - | - | - |
| 30 | - | 2 | 2 | 1 | - | 1 | - | - | - | 2 | - | 2 |
| 31 | - | 2 | 2 | 8 | - | 8 | - | - | - | - | - | - |
| 32 | 2 | - | 2 | 3 | 1 | 4 | - | - | - | 2 | - | 2 |
| 33 | 4 | 4 | 8 | 4 | 4 | 8 | 3 | - | 3 | - | 2 | 2 |
| 34 | 29 | - | 29 | 7 | 3 | 10 | 3 | 1 | 4 | 2 | - | 2 |
| 35 | 27 | 12 | 39 | 11 | 5 | 16 | 1 | 4 | 5 | 7 | - | 7 |
| 36 | 18 | 18 | 36 | 26 | 5 | 31 | 12 | 1 | 13 | 2 | 7 | 9 |
| 37 | 22 | 6 | 28 | 23 | 15 | 38 | 18 | 3 | 21 | 14 | 7 | 21 |
| 38 | 47 | 14 | 61 | 27 | 14 | 41 | 21 | 4 | 25 | 33 | 10 | 43 |
| 39 | 47 | 4 | 51 | 34 | 11 | 45 | 30 | 10 | 40 | 33 | 19 | 52 |
| 40 | 43 | 27 | 70 | 45 | 8 | 53 | 52 | 13 | 65 | 24 | 14 | 38 |
| 41 | 45 | 25 | 70 | 59 | 30 | 89 | 34 | 15 | 49 | 45 | 17 | 62 |
| 42 | 53 | 39 | 92 | 40 | 26 | 66 | 58 | 25 | 83 | 26 | 17 | 43 |
| 43 | 27 | 39 | 66 | 38 | 26 | 64 | 56 | 22 | 78 | 36 | 19 | 55 |
| 44 | 39 | 43 | 82 | 40 | 37 | 77 | 59 | 37 | 96 | 43 | 17 | 60 |
| 45 | 16 | 37 | 53 | 25 | 27 | 52 | 36 | 33 | 69 | 38 | 26 | 64 |
| 46 | 14 | 20 | 34 | 18 | 36 | 54 | 27 | 28 | 55 | 17 | 26 | 43 |
| 47 | 10 | 27 | 37 | 10 | 29 | 39 | 25 | 38 | 63 | 19 | 14 | 33 |
| 48 | - | 25 | 25 | 11 | 36 | 47 | 13 | 25 | 38 | 5 | 24 | 29 |
| 49 | 4 | 33 | 37 | 5 | 43 | 48 | 13 | 25 | 38 | 10 | 31 | 41 |
| 50 | - | 45 | 45 | 3 | 18 | 21 | 6 | 34 | 40 | - | 29 | 29 |
| 51 | - | 14 | 14 | - | 26 | 26 | 3 | 15 | 18 | - | 45 | 45 |
| 52 | - | 14 | 14 | 1 | 30 | 31 | - | 28 | 28 | 2 | 40 | 42 |
| 53 | - | 22 | 22 | - | 22 | 22 | 1 | 33 | 34 | 2 | 33 | 35 |
| 54 | - | 10 | 10 | - | 27 | 27 | - | 25 | 25 | - | 36 | 36 |
| 55 | - | 8 | 8 | - | 11 | 11 | - | 15 | 15 | - | 43 | 43 |
| 56 | - | 12 | 12 | - | 16 | 16 | - | 16 | 16 | - | 19 | 19 |
| 57 | - | 14 | 14 | - | 5 | 5 | - | 16 | 16 | - | 29 | 29 |
| 58 | - | 6 | 6 | - | 8 | 8 | - | 16 | 16 | - | 26 | 26 |
| 59 | - | - | - | - | 10 | 10 | - | 10 | 10 | - | 17 | 17 |
| 60 | - | 8 | 8 | - | 10 | 10 | - | 9 | 9 | - | 29 | 29 |
| 61 | - | 4 | 4 | - | 3 | 3 | - | 7 | 7 | - | 14 | 14 |
| 62 | - | 4 | 4 | - | 5 | 5 | - | 6 | 6 | - | 7 | 7 |
| 63 | - | 4 | 4 | - | 5 | 5 | - | 3 | 3 | - | 5 | 5 |
| 64 | - | 2 | 2 | - | 1 | 1 | - | 1 | 1 | - | 2 | 2 |
| 65 | - | 2 | 2 | - | - | - | - | 3 | 3 | - | 2 | 2 |
| 66 | - | - | - | - | 1 | 1 | - | 1 | 1 | - | 5 | 5 |
| 67 | - | - | - | - | - | - | - | 1 | 1 | - | - | - |
| 68 | - | - | - | - | - | - | - | - | - | - | - | - |
| 69 | - | - | - | - | - | - | - | - | - | - | - | - |
| 70 | - | - | - | - | - | - | - | - | - | - | 2 | 2 |
| Total %/oo | 451 | 546 | 997 | 441 | 554 | 995 | 472 | 523 | 995 | 364 | 633 | 997 |
| Serial Numbers | - | - | - | - | - | - | - | - | - | - | - | - |
| Number of Samples | - | - | 2 | - | - | 3 | - | - | 3 | - | - | 2 |
| Number of Fish Measured | - | - | 489 | - | - | 729 | - | - | 676 | - | - | 420 |
| Mean Length (cm) | 39.94 | 46.46 | 43.49 | 40.82 | 47.64 | 44.62 | 42.48 | 49.14 | 45.97 | 41.92 | 50.74 | 47.53 |
| Mean Weight (kg) | - | - | 0.85 | - | - | 0.93 | - | - | 0.99 | - | - | 1.12 |
| Total Weight Landed (tons) | - | - | 162.7 | - | - | 2849.2 | - | - | 573.6 | - | - | 927.3 |
| Estimated Number Landed | - | - | 190497 | - | - | 3078754 | - | - | 580992 | - | - | 831246 |
| Mesh(mm) or Hook(no.) Size | - | - | 4 1/2 ¹ | - | - | 4 1/2-5 ² | - | - | 4 5/8 ¹ | - | - | Large ¹ |
| Range of Depths (fm) | - | - | 40-100 | - | - | 40-70 | - | - | 45-75 | - | - | 60-100 |

1 Mesh size - nylon, inches

2 Mesh size - nylon and courlene, inches

TABLE 94
(cont'd)

LENGTH FREQUENCIES - AMERICAN PLAICE - 3L - 1965

(FREQUENCIES IN ‰ - 1 CM GROUPS)

| GEAR | Otter Trawl | | | | | | | | | | | |
|---|-------------------------|-------|--------------------|-------|-------|---------|-----------|-------|--------------------|----------|-------|--------------------|
| | (Commercial) | | | | | | | | | | | |
| CATCHES/LANDINGS | Landings Before Discard | | | | | | | | | | | |
| MONTH | June | | | July | | | September | | | November | | |
| COUNTRY | Canada (Newfoundland) | | | | | | | | | | | |
| SEX | ♂ | ♀ | Tot. | ♂ | ♀ | Tot. | ♂ | ♀ | Tot. | ♂ | ♀ | Tot. |
| TONNAGE | 151-500 | | | | | | 501-900 | | | 151-500 | | |
| 31 | - | 1 | 1 | - | - | - | - | - | - | - | - | - |
| 32 | 2 | 1 | 3 | - | - | - | - | - | - | - | - | - |
| 33 | 2 | 2 | 4 | - | - | - | - | - | - | 3 | - | 3 |
| 34 | 3 | 2 | 5 | - | - | - | - | - | - | 3 | - | 3 |
| 35 | 11 | 4 | 15 | - | 10 | 10 | 2 | 2 | 4 | 7 | - | 7 |
| 36 | 19 | 5 | 24 | 10 | 10 | 20 | - | - | - | 3 | 10 | 13 |
| 37 | 15 | 9 | 24 | - | 10 | 10 | 4 | - | 4 | 7 | 3 | 10 |
| 38 | 21 | 15 | 36 | 15 | 15 | 30 | 6 | - | 6 | 10 | - | 10 |
| 39 | 35 | 19 | 54 | 49 | 19 | 68 | 4 | 6 | 10 | 13 | 10 | 23 |
| 40 | 38 | 17 | 55 | 59 | 10 | 69 | 6 | 13 | 19 | 20 | 10 | 30 |
| 41 | 34 | 32 | 66 | 39 | 15 | 54 | 17 | 23 | 40 | 33 | 10 | 43 |
| 42 | 48 | 32 | 80 | 29 | 15 | 44 | 17 | 12 | 29 | 36 | 10 | 46 |
| 43 | 28 | 25 | 53 | 34 | 15 | 49 | 6 | 15 | 21 | 46 | 3 | 49 |
| 44 | 26 | 29 | 55 | 44 | 24 | 68 | 8 | 37 | 45 | 46 | 13 | 59 |
| 45 | 23 | 33 | 56 | 29 | 15 | 44 | 29 | 25 | 54 | 30 | 17 | 47 |
| 46 | 16 | 38 | 54 | 29 | 49 | 78 | 21 | 33 | 54 | 26 | 23 | 49 |
| 47 | 5 | 48 | 53 | 5 | 20 | 25 | 25 | 50 | 75 | 20 | 26 | 46 |
| 48 | 1 | 48 | 49 | 5 | 34 | 39 | 17 | 60 | 77 | 13 | 30 | 43 |
| 49 | 4 | 37 | 41 | - | 59 | 59 | 10 | 62 | 72 | 13 | 43 | 56 |
| 50 | 1 | 44 | 45 | 5 | 39 | 44 | 4 | 56 | 60 | 3 | 40 | 43 |
| 51 | 4 | 33 | 37 | - | 15 | 15 | 4 | 58 | 62 | 3 | 59 | 62 |
| 52 | - | 35 | 35 | - | 34 | 34 | - | 56 | 56 | - | 46 | 46 |
| 53 | - | 31 | 31 | - | 39 | 39 | - | 54 | 54 | - | 40 | 40 |
| 54 | - | 32 | 32 | 5 | 29 | 34 | - | 48 | 48 | - | 43 | 43 |
| 55 | - | 23 | 23 | - | 54 | 54 | - | 50 | 50 | 3 | 36 | 39 |
| 56 | - | 23 | 23 | - | 34 | 34 | - | 33 | 33 | - | 30 | 30 |
| 57 | - | 10 | 10 | - | 19 | 19 | - | 35 | 35 | - | 30 | 30 |
| 58 | - | 15 | 15 | - | 34 | 34 | - | 19 | 19 | - | 23 | 23 |
| 59 | - | 3 | 3 | - | 5 | 5 | - | 15 | 15 | - | 20 | 20 |
| 60 | - | 6 | 6 | - | 5 | 5 | - | 19 | 19 | - | 23 | 23 |
| 61 | - | - | - | - | 15 | 15 | - | 13 | 13 | - | 26 | 26 |
| 62 | - | 5 | 5 | - | 5 | 5 | - | 12 | 12 | - | 17 | 17 |
| 63 | - | 1 | 1 | - | - | - | - | 4 | 4 | - | 7 | 7 |
| 64 | - | - | - | - | - | - | - | 2 | 2 | - | 3 | 3 |
| 65 | - | 1 | 1 | - | - | - | - | 4 | 4 | - | - | - |
| 66 | - | - | - | - | - | - | - | - | - | - | 3 | 3 |
| 67 | - | - | - | - | - | - | - | - | - | - | - | - |
| 68 | - | 1 | 1 | - | - | - | - | - | - | - | - | - |
| 69 | - | - | - | - | - | - | - | - | - | - | 3 | 3 |
| 70 | - | - | - | - | - | - | - | - | - | - | 3 | 3 |
| Total ‰ | 336 | 660 | 996 | 357 | 647 | 1004 | 180 | 816 | 996 | 338 | 660 | 998 |
| Serial Numbers | - | - | - | - | - | - | - | - | - | - | - | - |
| Number of Samples | - | - | 4 | - | - | 1 | - | - | 2 | - | - | 1 |
| Number of Fish Measured | - | - | 958 | - | - | 205 | - | - | 480 | - | - | 303 |
| Mean Length (cm) | 41.08 | 47.83 | 45.55 | 42.16 | 49.48 | 46.86 | 44.54 | 50.82 | 49.69 | 43.17 | 52.11 | 49.06 |
| Mean Weight (kg) | - | - | 0.97 | - | - | 1.03 | - | - | 1.47 | - | - | 1.55 |
| Total Weight Landed (tons) | - | - | 4496.5 | - | - | 1443.4 | - | - | 354.6 | - | - | 292.0 |
| Estimated Number Landed | - | - | 4648774 | - | - | 1401666 | - | - | 240474 | - | - | 188464 |
| Mesh(mm) or Hook(no.) Size ¹ | - | - | Large ¹ | - | - | - | - | - | 4 5/8 ² | - | - | 4 1/8 ² |
| Range of Depths (fm) | - | - | 40-75 | - | - | 50-60 | - | - | 28-60 | - | - | 90-120 |

¹ Mesh size - manilla, nylon and courlene² Mesh size - nylon, inches

TABLE 94
(cont'd)

LENGTH FREQUENCIES - AMERICAN PLAICE - 3L - 1965

(FREQUENCIES IN ‰ - 1 CM GROUPS)

| GEAR | Otter Trawl (Research) | | | | | |
|----------------------------|---------------------------|---|-------------|---|------|-------------|
| | Catches | | | | | |
| CATCHES/LANDINGS | May | | June | | Tot. | |
| MONTH | | | | | | |
| COUNTRY | Poland | | | | | |
| SEX | ♂ | ♀ | Tot. | ♂ | ♀ | Tot. |
| TONNAGE | 501-900 | | | | | |
| 11 | - | - | 1.0 | - | - | - |
| 12 | - | - | 2.3 | - | - | - |
| 13 | - | - | 4.0 | - | - | - |
| 14 | - | - | 3.5 | - | - | - |
| 15 | - | - | 3.0 | - | - | 0.5 |
| 16 | - | - | 6.4 | - | - | 0.5 |
| 17 | - | - | 11.6 | - | - | - |
| 18 | - | - | 15.2 | - | - | 0.5 |
| 19 | - | - | 22.6 | - | - | 1.0 |
| 20 | - | - | 27.0 | - | - | 4.0 |
| 21 | - | - | 28.5 | - | - | 8.0 |
| 22 | - | - | 25.0 | - | - | 10.1 |
| 23 | - | - | 23.0 | - | - | 6.4 |
| 24 | - | - | 24.4 | - | - | 9.6 |
| 25 | - | - | 46.0 | - | - | 11.2 |
| 26 | - | - | 56.9 | - | - | 19.2 |
| 27 | - | - | 59.3 | - | - | 10.7 |
| 28 | - | - | 55.0 | - | - | 21.0 |
| 29 | - | - | 45.4 | - | - | 15.0 |
| 30 | - | - | 65.4 | - | - | 18.2 |
| 31 | - | - | 59.2 | - | - | 20.3 |
| 32 | - | - | 51.2 | - | - | 33.7 |
| 33 | - | - | 38.0 | - | - | 23.0 |
| 34 | - | - | 25.0 | - | - | 28.0 |
| 35 | - | - | 40.7 | - | - | 36.4 |
| 36 | - | - | 21.0 | - | - | 56.2 |
| 37 | - | - | 22.1 | - | - | 46.0 |
| 38 | - | - | 15.1 | - | - | 61.0 |
| 39 | - | - | 26.0 | - | - | 36.4 |
| 40 | - | - | 22.0 | - | - | 63.1 |
| 41 | - | - | 19.8 | - | - | 51.0 |
| 42 | - | - | 13.3 | - | - | 62.6 |
| 43 | - | - | 11.0 | - | - | 36.0 |
| 44 | - | - | 9.3 | - | - | 30.0 |
| 45 | - | - | 13.0 | - | - | 32.6 |
| 46 | - | - | 7.5 | - | - | 40.0 |
| 47 | - | - | 14.5 | - | - | 32.1 |
| 48 | - | - | 7.5 | - | - | 33.7 |
| 49 | - | - | 6.4 | - | - | 18.2 |
| 50 | - | - | 10.0 | - | - | 25.1 |
| 51 | - | - | 4.0 | - | - | 18.2 |
| 52 | - | - | 5.8 | - | - | 22.0 |
| 53 | - | - | 4.6 | - | - | 10.1 |
| 54 | - | - | 5.2 | - | - | 11.2 |
| 55 | - | - | 5.2 | - | - | 10.7 |
| 56 | - | - | 2.3 | - | - | 5.0 |
| 57 | - | - | 3.5 | - | - | 4.2 |
| 58 | - | - | 1.0 | - | - | 4.0 |
| 59 | - | - | 1.5 | - | - | 2.6 |
| 60 | - | - | 2.3 | - | - | 2.1 |
| 61 | - | - | - | - | - | 1.6 |
| 62 | - | - | 1.0 | - | - | 2.1 |
| 63 | - | - | 1.0 | - | - | 1.6 |
| 64 | - | - | 1.5 | - | - | 0.5 |
| 65 | - | - | 1.5 | - | - | 1.6 |
| 66 | - | - | - | - | - | 0.5 |
| 67 | - | - | 1.5 | - | - | - |
| 70 | - | - | - | - | - | 0.5 |
| Total ‰ | - | - | 1000.0 | - | - | 1000.0 |
| Number of Samples | - | - | 2 | - | - | 1 |
| Number of Fish Measured | - | - | 1718 | - | - | 1868 |
| Mean Length (cm) | - | - | 31.2 | - | - | 39.7 |
| Mesh(mm) or Hook(no.) Size | - | - | 108.9-128.5 | - | - | 108.9-128.5 |
| Range of Depths (fm) | - | - | 87-120 | - | - | 66-82 |

TABLE 95

LENGTH FREQUENCIES - AMERICAN PLAICE - 3N - 1965

(FREQUENCIES IN ‰ - 1 CM GROUPS)

| GEAR | Otter Trawl (Commercial) | | | | | | | | | | | |
|----------------------------|-----------------------------|-------|--------------------|----------|-------|--------------------|-------|-------|--------------------|-------|-------|--------------------|
| | Landings Before Discard | | | | | | | | | | | |
| CATCHES/LANDINGS | January | | | February | | | March | | | April | | |
| MONTH | Canada (Newfoundland) | | | | | | | | | | | |
| COUNTRY | | | | | | | | | | | | |
| SEX | ♂ | ♀ | Tot. | ♂ | ♀ | Tot. | ♂ | ♀ | Tot. | ♂ | ♀ | Tot. |
| TONNAGE | 151-500 | | | | | | | | | | | |
| 23 | - | - | - | - | - | - | - | - | - | 4 | - | 4 |
| 24 | - | - | - | - | - | - | - | - | - | - | - | - |
| 25 | - | 5 | 5 | - | - | - | - | - | - | - | - | - |
| 26 | - | - | - | - | - | - | - | - | - | - | - | - |
| 27 | - | - | - | - | - | - | - | 1 | 1 | - | - | - |
| 28 | - | - | - | 2 | 2 | 4 | 2 | 1 | 3 | - | - | - |
| 29 | - | 10 | 10 | 2 | 2 | 4 | 2 | 2 | 4 | - | - | - |
| 30 | - | 5 | 5 | 2 | 2 | 4 | 2 | - | 2 | - | - | - |
| 31 | 5 | 5 | 10 | 6 | - | 6 | 4 | 1 | 5 | 8 | - | 8 |
| 32 | 5 | 5 | 10 | 15 | 15 | 30 | 5 | 4 | 9 | 8 | - | 8 |
| 33 | 19 | 5 | 24 | 15 | 4 | 19 | 7 | 8 | 15 | 8 | 8 | 16 |
| 34 | 10 | 14 | 24 | 28 | 6 | 34 | 13 | 8 | 21 | 8 | 8 | 16 |
| 35 | 24 | 10 | 34 | 24 | 6 | 30 | 17 | 10 | 27 | 8 | 4 | 12 |
| 36 | 38 | 10 | 48 | 22 | 22 | 44 | 16 | 10 | 26 | 15 | 11 | 26 |
| 37 | 48 | 10 | 58 | 22 | 15 | 37 | 27 | 14 | 41 | 19 | 15 | 34 |
| 38 | 33 | 24 | 57 | 26 | 15 | 41 | 32 | 14 | 46 | 19 | 8 | 27 |
| 39 | 43 | 24 | 67 | 41 | 24 | 65 | 27 | 22 | 49 | 42 | 23 | 65 |
| 40 | 5 | 24 | 29 | 30 | 26 | 56 | 24 | 25 | 49 | 31 | 15 | 46 |
| 41 | 33 | 48 | 81 | 58 | 24 | 82 | 37 | 25 | 62 | 46 | 23 | 69 |
| 42 | 43 | 33 | 76 | 39 | 39 | 78 | 45 | 31 | 76 | 42 | 27 | 69 |
| 43 | 38 | 38 | 76 | 35 | 28 | 63 | 39 | 29 | 68 | 73 | 27 | 100 |
| 44 | 29 | 38 | 67 | 26 | 26 | 52 | 32 | 27 | 59 | 58 | 8 | 66 |
| 45 | 53 | 14 | 67 | 22 | 26 | 48 | 34 | 33 | 67 | 69 | 12 | 81 |
| 46 | 33 | 33 | 66 | 28 | 26 | 54 | 37 | 32 | 69 | 58 | 11 | 69 |
| 47 | 19 | 14 | 33 | 9 | 17 | 26 | 35 | 22 | 57 | 50 | 8 | 58 |
| 48 | 14 | 29 | 43 | 9 | 24 | 33 | 23 | 19 | 42 | 38 | 4 | 42 |
| 49 | 5 | 14 | 19 | 7 | 19 | 26 | 12 | 19 | 31 | 8 | 12 | 20 |
| 50 | 5 | 19 | 24 | 2 | 17 | 19 | 5 | 27 | 32 | 4 | 15 | 19 |
| 51 | 5 | 14 | 19 | 2 | 20 | 22 | 3 | 19 | 22 | - | 23 | 23 |
| 52 | 5 | 5 | 10 | - | 17 | 17 | 2 | 22 | 24 | - | 15 | 15 |
| 53 | - | 10 | 10 | - | 13 | 13 | - | 16 | 16 | - | 15 | 15 |
| 54 | - | 5 | 5 | - | 9 | 9 | - | 16 | 16 | - | 8 | 8 |
| 55 | - | 5 | 5 | - | 19 | 19 | - | 16 | 16 | - | 11 | 11 |
| 56 | - | 5 | 5 | - | 13 | 13 | - | 7 | 7 | - | 12 | 12 |
| 57 | - | - | - | - | 11 | 11 | - | 12 | 12 | 4 | 19 | 23 |
| 58 | - | 10 | 10 | - | 7 | 7 | - | 8 | 8 | - | 8 | 8 |
| 59 | - | - | - | - | - | - | - | 4 | 4 | - | 4 | 4 |
| 60 | - | - | - | - | 4 | 4 | - | 5 | 5 | - | 11 | 11 |
| 61 | - | - | - | - | 11 | 11 | - | 2 | 2 | - | 4 | 4 |
| 62 | - | - | - | - | 4 | 4 | - | 5 | 5 | - | 4 | 4 |
| 63 | - | - | - | - | - | - | - | 1 | 1 | - | - | - |
| 64 | - | 5 | 5 | - | 2 | 2 | - | 2 | 2 | - | 4 | 4 |
| 65 | - | - | - | - | 4 | 4 | - | - | - | - | - | - |
| 66 | - | - | - | - | 4 | 4 | - | - | - | - | 4 | 4 |
| 67 | - | - | - | - | - | - | - | 1 | 1 | - | - | - |
| 68 | - | - | - | - | - | - | - | - | - | - | - | - |
| 69 | - | - | - | - | - | - | - | - | - | - | - | - |
| 70 | - | - | - | - | - | - | - | - | - | - | - | - |
| 71 | - | - | - | - | - | - | - | 1 | 1 | - | - | - |
| 72 | - | - | - | - | - | - | - | - | - | - | - | - |
| 73 | - | - | - | - | - | - | - | 1 | 1 | - | - | - |
| 74 | - | - | - | - | 2 | 2 | - | - | - | - | - | - |
| Total ‰ | 512 | 490 | 1002 | 472 | 525 | 997 | 482 | 522 | 1004 | 620 | 381 | 1001 |
| Serial Numbers | - | - | - | - | - | - | - | - | - | - | - | - |
| Number of Samples | - | - | 1 | - | - | 2 | - | - | 9 | - | - | 1 |
| Number of Fish Measured | - | - | 209 | - | - | 462 | - | - | 1833 | - | - | 260 |
| Mean Length (cm) | 40.91 | 43.15 | 41.99 | 39.93 | 45.73 | 42.95 | 41.74 | 45.91 | 43.91 | 42.53 | 46.93 | 44.20 |
| Mean Weight (kg) | - | - | 0.80 | - | - | 0.91 | - | - | 0.96 | - | - | 0.95 |
| Total Weight Landed (tons) | - | - | 310.9 | - | - | 363.2 | - | - | 858.7 | - | - | 496.0 |
| Estimated Number Landed | - | - | 386853 | - | - | 397474 | - | - | 890795 | - | - | 520224 |
| Mesh(mm) or Hook(no.) Size | - | - | 4 1/2 ¹ | - | - | 4 1/2 ² | - | - | 4 1/2 ³ | - | - | 4 1/2 ¹ |
| Range of Depths (fm) | - | - | 31-70 | - | - | 32-85 | - | - | 28-160 | - | - | 33-70 |

Mesh size:

1 Manilla, inches

2 Courlene and nylon, inches

3 Manilla, nylon and courlene, inches

TABLE 95
(cont'd)

LENGTH FREQUENCIES - AMERICAN PLATICE - 3N - 1965

(FREQUENCIES IN ‰ - 1 CM GROUPS)

| GEAR | Otter Trawl (Commercial) | | | | | | | | | | | |
|----------------------------|-----------------------------|-------|--------------------|-------|-------|--------------------|---------|--------------------------|---------|-------|-------|--------------------|
| | Landings Before Discard | | | | | | | | | | | |
| CATCHES/LANDINGS | May | | | June | | | July | | | July | | |
| MONTH | Canada (Newfoundland) | | | | | | | | | | | |
| COUNTRY | | | | | | | | | | | | |
| SEX | ♂ | ♀ | Tot. | ♂ | ♀ | Tot. | ♂ | ♀ | Tot. | ♂ | ♀ | Tot. |
| TONNAGE | 151-500 | | | | | | 501-900 | | | | | |
| 25 | - | - | - | 1 | 1 | 2 | - | - | - | - | - | - |
| 26 | - | - | - | - | - | - | - | - | - | - | - | - |
| 27 | - | 1 | 1 | 2 | 1 | 3 | - | - | - | - | - | - |
| 28 | - | - | - | - | 1 | 1 | - | - | - | - | - | - |
| 29 | - | - | - | - | 1 | 1 | - | 4 | 4 | - | - | - |
| 30 | - | 1 | 1 | 2 | 6 | 8 | 9 | 10 | 19 | - | - | - |
| 31 | 2 | 2 | 4 | 5 | 1 | 6 | 9 | 6 | 15 | - | - | - |
| 32 | 4 | 3 | 7 | 11 | 8 | 19 | 13 | 9 | 22 | - | - | - |
| 33 | 10 | 3 | 13 | 16 | 7 | 23 | 10 | 20 | 30 | - | - | - |
| 34 | 14 | 12 | 26 | 16 | 17 | 33 | 17 | 6 | 23 | - | 6 | 6 |
| 35 | 12 | 12 | 24 | 20 | 20 | 40 | 31 | 16 | 47 | 6 | - | 6 |
| 36 | 22 | 10 | 32 | 18 | 21 | 39 | 20 | 27 | 47 | 11 | - | 11 |
| 37 | 30 | 19 | 49 | 19 | 26 | 45 | 33 | 26 | 59 | 11 | 6 | 17 |
| 38 | 23 | 26 | 49 | 26 | 18 | 44 | 21 | 31 | 52 | 6 | 6 | 12 |
| 39 | 29 | 22 | 51 | 21 | 17 | 38 | 34 | 18 | 52 | 17 | - | 17 |
| 40 | 27 | 25 | 52 | 34 | 35 | 69 | 40 | 20 | 60 | 23 | 6 | 29 |
| 41 | 28 | 32 | 60 | 34 | 36 | 70 | 17 | 21 | 38 | 40 | - | 40 |
| 42 | 28 | 32 | 60 | 24 | 38 | 62 | 18 | 30 | 48 | 34 | 6 | 40 |
| 43 | 37 | 39 | 76 | 28 | 34 | 62 | 23 | 21 | 44 | 17 | 17 | 34 |
| 44 | 30 | 36 | 66 | 26 | 33 | 59 | 26 | 20 | 46 | 23 | 6 | 29 |
| 45 | 26 | 37 | 63 | 18 | 34 | 52 | 14 | 21 | 35 | 22 | 28 | 50 |
| 46 | 27 | 41 | 68 | 26 | 25 | 51 | 26 | 20 | 46 | 23 | 34 | 57 |
| 47 | 18 | 25 | 43 | 11 | 25 | 36 | 26 | 18 | 44 | 22 | 22 | 44 |
| 48 | 13 | 26 | 39 | 9 | 36 | 45 | 21 | 30 | 51 | 23 | 56 | 79 |
| 49 | 8 | 20 | 28 | 5 | 18 | 23 | 9 | 17 | 26 | 6 | 17 | 23 |
| 50 | 4 | 22 | 26 | 1 | 29 | 30 | 3 | 21 | 24 | - | 85 | 85 |
| 51 | 3 | 21 | 24 | 1 | 25 | 26 | 1 | 20 | 21 | 6 | 51 | 57 |
| 52 | 1 | 28 | 29 | - | 27 | 27 | 4 | 26 | 30 | 6 | 56 | 62 |
| 53 | - | 18 | 18 | 1 | 23 | 24 | - | 24 | 24 | - | 40 | 40 |
| 54 | - | 28 | 28 | - | 10 | 10 | - | 18 | 18 | - | 51 | 51 |
| 55 | - | 19 | 19 | - | 9 | 9 | - | 17 | 17 | - | 23 | 23 |
| 56 | - | 16 | 16 | - | 7 | 7 | - | 20 | 20 | - | 51 | 51 |
| 57 | - | 7 | 7 | - | 14 | 14 | - | 13 | 13 | - | 40 | 40 |
| 58 | - | 8 | 8 | - | 6 | 6 | - | 7 | 7 | - | 17 | 17 |
| 59 | - | 4 | 4 | - | 8 | 8 | - | 9 | 9 | - | 22 | 22 |
| 60 | - | 5 | 5 | - | 5 | 5 | - | 1 | 1 | - | 11 | 11 |
| 61 | - | 3 | 3 | - | 2 | 2 | - | 7 | 7 | - | 17 | 17 |
| 62 | - | 2 | 2 | - | 1 | 1 | - | 1 | 1 | - | 11 | 11 |
| 63 | - | 1 | 1 | - | 2 | 2 | - | 1 | 1 | - | 17 | 17 |
| 64 | - | 1 | 1 | - | - | - | - | 1 | 1 | - | 6 | 6 |
| 65 | - | 1 | 1 | - | - | - | - | - | - | - | - | - |
| 66 | - | - | - | - | - | - | - | - | - | - | - | - |
| 67 | - | 1 | 1 | - | - | - | - | - | - | - | - | - |
| Total ‰ | 396 | 609 | 1005 | 375 | 627 | 1002 | 425 | 577 | 1002 | 296 | 708 | 1004 |
| Serial Numbers | - | - | - | - | - | - | - | - | - | - | - | - |
| Number of Samples | - | - | 8 | - | - | 4 | - | - | 3 | - | - | 1 |
| Number of Fish Measured | - | - | 1818 | - | - | 888 | - | - | 705 | - | - | 177 |
| Mean Length (cm) | 41.18 | 45.79 | 44.02 | 40.10 | 44.63 | 42.86 | 40.29 | 44.94 | 42.92 | 43.00 | 51.83 | 49.21 |
| Mean Weight (kg) | - | - | 0.91 | - | - | 0.94 | - | - | 0.89 | - | - | 1.33 |
| Total Weight Landed (tons) | - | - | 893.8 | - | - | 643.0 | - | - | 2619.1 | - | - | 991.6 |
| Estimated Number Landed | - | - | 978658 | - | - | 687649 | - | - | 2947191 | - | - | 743434 |
| Mesh(mm) or Hook(no.) Size | - | - | 4 1/2 ¹ | - | - | 4 1/2 ¹ | - | 3 7/8-4 1/2 ² | - | - | - | Large ² |
| Range of Depths (fm) | - | - | 30-110 | - | - | 33-85 | - | - | 25-100 | - | - | 49-55 |

¹ Mesh size - manilla and nylon, inches² Mesh size - nylon, inches

TABLE 95
(cont'd)

LENGTH FREQUENCIES - AMERICAN PLAICE - 3N - 1965

(FREQUENCIES IN ‰ - 1 CM GROUPS)

| GEAR | Otter Trawl (Commercial) | | | | | | | | | | | |
|----------------------------|-----------------------------|-------|--------------------|-----------|-------|----------------|-----------|-------|----------------------|---------|-------|--------------------|
| | Landings Before Discard | | | | | | | | | | | |
| CATCHES/LANDINGS | August | | | September | | | September | | | October | | |
| MONTH | Canada (Newfoundland) | | | | | | | | | | | |
| COUNTRY | | | | | | | | | | | | |
| SEX | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. |
| TONNAGE | 151-500 | | | 501-900 | | | 151-500 | | | | | |
| 22 | - | 1 | 1 | - | - | - | 1 | - | 1 | - | - | - |
| 23 | - | - | - | - | - | - | - | - | - | - | - | - |
| 24 | - | - | - | - | - | - | - | - | - | - | - | - |
| 25 | 1 | 1 | 2 | - | - | - | - | - | - | - | - | - |
| 26 | - | - | - | - | - | - | - | - | - | - | - | - |
| 27 | 1 | 1 | 2 | - | - | - | - | - | - | - | - | - |
| 28 | 1 | 1 | 2 | - | - | - | - | - | - | - | - | - |
| 29 | 1 | 2 | 3 | - | - | - | 3 | 2 | 5 | 2 | 2 | 4 |
| 30 | 2 | 2 | 4 | - | - | - | 2 | 2 | 4 | 3 | 2 | 5 |
| 31 | 7 | 4 | 11 | - | - | - | 7 | 6 | 13 | 6 | 8 | 14 |
| 32 | 8 | 11 | 19 | - | - | - | 10 | 11 | 21 | 10 | 9 | 19 |
| 33 | 12 | 9 | 21 | - | - | - | 9 | 10 | 19 | 13 | 9 | 22 |
| 34 | 11 | 14 | 25 | 23 | - | 23 | 16 | 10 | 26 | 16 | 2 | 18 |
| 35 | 22 | 17 | 39 | - | 5 | 5 | 24 | 16 | 40 | 12 | 12 | 24 |
| 36 | 27 | 21 | 48 | 5 | 9 | 14 | 24 | 14 | 38 | 30 | 18 | 48 |
| 37 | 31 | 22 | 53 | 47 | 9 | 56 | 40 | 19 | 59 | 40 | 19 | 59 |
| 38 | 29 | 23 | 52 | 38 | 19 | 57 | 39 | 24 | 63 | 35 | 26 | 61 |
| 39 | 37 | 21 | 58 | 52 | 5 | 57 | 39 | 28 | 67 | 41 | 18 | 59 |
| 40 | 33 | 30 | 63 | 66 | 9 | 75 | 27 | 22 | 49 | 36 | 19 | 55 |
| 41 | 25 | 25 | 50 | 28 | 28 | 56 | 31 | 17 | 48 | 21 | 26 | 47 |
| 42 | 32 | 31 | 63 | 23 | 9 | 32 | 30 | 23 | 53 | 25 | 21 | 46 |
| 43 | 32 | 31 | 63 | 42 | 19 | 61 | 27 | 19 | 46 | 24 | 19 | 43 |
| 44 | 23 | 20 | 43 | 23 | 23 | 46 | 28 | 27 | 55 | 30 | 26 | 56 |
| 45 | 21 | 27 | 48 | 23 | 23 | 46 | 25 | 22 | 47 | 26 | 21 | 47 |
| 46 | 24 | 24 | 48 | 19 | 28 | 47 | 30 | 24 | 54 | 27 | 24 | 51 |
| 47 | 16 | 25 | 41 | 5 | 28 | 33 | 30 | 18 | 48 | 31 | 21 | 52 |
| 48 | 17 | 30 | 47 | 9 | 42 | 51 | 19 | 18 | 37 | 16 | 29 | 45 |
| 49 | 6 | 20 | 26 | 9 | 61 | 70 | 16 | 16 | 32 | 7 | 30 | 37 |
| 50 | 3 | 21 | 24 | 5 | 52 | 57 | 7 | 13 | 20 | 8 | 21 | 29 |
| 51 | 1 | 21 | 22 | 14 | 14 | 28 | 5 | 13 | 18 | - | 15 | 15 |
| 52 | - | 25 | 25 | - | 47 | 47 | 1 | 16 | 17 | - | 17 | 17 |
| 53 | - | 24 | 24 | - | 47 | 47 | - | 17 | 17 | - | 13 | 13 |
| 54 | - | 16 | 16 | - | 9 | 9 | - | 19 | 19 | - | 18 | 18 |
| 55 | - | 11 | 11 | - | 14 | 14 | - | 13 | 13 | - | 19 | 19 |
| 56 | - | 16 | 16 | - | 14 | 14 | - | 13 | 13 | - | 15 | 15 |
| 57 | - | 8 | 8 | - | 14 | 14 | - | 15 | 15 | - | 17 | 17 |
| 58 | - | 9 | 9 | - | 9 | 9 | - | 10 | 10 | - | 17 | 17 |
| 59 | - | 3 | 3 | - | 9 | 9 | - | 8 | 8 | - | 8 | 8 |
| 60 | - | 4 | 4 | - | 14 | 14 | - | 2 | 2 | - | 6 | 6 |
| 61 | - | 3 | 3 | - | - | - | - | 6 | 6 | - | 4 | 4 |
| 62 | - | 1 | 1 | - | 5 | 5 | - | 5 | 5 | - | 3 | 3 |
| 63 | - | 2 | 2 | - | - | - | - | 3 | 3 | - | 2 | 2 |
| 64 | - | 1 | 1 | - | - | - | - | 1 | 1 | - | 1 | 1 |
| 65 | - | 1 | 1 | - | - | - | - | 1 | 1 | - | 2 | 2 |
| 66 | - | - | - | - | - | - | - | 2 | 2 | - | 1 | 1 |
| 67 | - | - | - | - | - | - | - | 1 | 1 | - | - | - |
| Total ‰ | 423 | 579 | 1002 | 431 | 565 | 996 | 490 | 506 | 996 | 459 | 540 | 999 |
| Serial Numbers | - | - | - | - | - | - | - | - | - | - | - | - |
| Number of Samples | - | - | 9 | - | - | 1 | - | - | 7 | - | - | 4 |
| Number of Fish Measured | - | - | 1924 | - | - | 213 | - | - | 1347 | - | - | 893 |
| Mean Length (cm) | 40.32 | 44.81 | 42.89 | 41.14 | 48.49 | 45.30 | 40.84 | 45.40 | 43.12 | 40.53 | 46.11 | 43.56 |
| Mean Weight (kg) | - | - | 0.88 | - | - | 1.11 | - | - | 0.82 | - | - | 0.94 |
| Total Weight Landed (tons) | - | - | 2142.0 | - | - | 363.7 | - | - | 3015.1 | - | - | 2609.0 |
| Estimated Number Landed | - | - | 2443501 | - | - | 326244 | - | - | 3657292 | - | - | 2764932 |
| Mesh(mm) or Hook(no.) Size | - | - | 4 1/2 ¹ | - | - | 4 ² | - | - | 4-4 1/2 ³ | - | - | 4 1/2 ⁴ |
| Range of Depths (fm) | - | - | 20-160 | - | - | 63-70 | - | - | 32-110 | - | - | 23-115 |

Mesh Size:

- 1 Manilla and nylon, inches
- 2 Nylon, inches
- 3 Manilla, nylon and couylene, inches
- 4 Manilla, nylon and ulstron, inches

TABLE 95
(cont'd)

LENGTH FREQUENCIES - AMERICAN PLAICE - 3N - 1965

(FREQUENCIES IN ‰ - 1 CM GROUPS)

| GEAR | Otter Trawl (Commercial) | | | | | |
|----------------------------|-----------------------------|-------|--------------------|----------|-------|--------------------------|
| | Landings Before Discard | | | | | |
| CATCHES/LANDINGS | November | | | November | | |
| MONTH | Canada (Newfoundland) | | | November | | |
| COUNTRY | Canada (Newfoundland) | | | November | | |
| SEX | ♂ | ♀ | Tot. | ♂ | ♀ | Tot. |
| TONNAGE | 501-900 | | | 151-500 | | |
| 29 | - | - | - | 1 | - | 1 |
| 30 | - | - | - | 2 | 1 | 3 |
| 31 | - | - | - | 2 | - | 2 |
| 32 | - | - | - | 1 | 2 | 3 |
| 33 | - | - | - | 5 | 3 | 8 |
| 34 | 5 | 7 | 12 | 3 | 9 | 12 |
| 35 | 5 | 5 | 10 | 15 | 12 | 27 |
| 36 | 21 | 9 | 30 | 12 | 11 | 23 |
| 37 | 28 | 7 | 35 | 20 | 14 | 34 |
| 38 | 24 | 12 | 36 | 26 | 16 | 42 |
| 39 | 28 | 17 | 45 | 29 | 14 | 43 |
| 40 | 31 | 21 | 52 | 30 | 11 | 41 |
| 41 | 33 | 19 | 52 | 27 | 21 | 48 |
| 42 | 40 | 17 | 57 | 28 | 18 | 46 |
| 43 | 31 | 21 | 52 | 37 | 33 | 70 |
| 44 | 45 | 43 | 88 | 36 | 34 | 70 |
| 45 | 40 | 28 | 68 | 41 | 22 | 63 |
| 46 | 33 | 33 | 66 | 35 | 27 | 62 |
| 47 | 36 | 24 | 60 | 33 | 31 | 64 |
| 48 | 14 | 21 | 35 | 27 | 24 | 51 |
| 49 | 12 | 26 | 38 | 14 | 21 | 35 |
| 50 | - | 24 | 24 | 9 | 22 | 31 |
| 51 | 9 | 31 | 40 | 6 | 28 | 34 |
| 52 | - | 26 | 26 | 3 | 21 | 24 |
| 53 | - | 31 | 31 | 1 | 27 | 28 |
| 54 | - | 36 | 36 | - | 20 | 20 |
| 55 | - | 33 | 33 | - | 26 | 26 |
| 56 | - | 36 | 36 | - | 26 | 26 |
| 57 | - | 21 | 21 | - | 24 | 24 |
| 58 | - | 5 | 5 | - | 12 | 12 |
| 59 | - | 5 | 5 | - | 7 | 7 |
| 60 | - | 5 | 5 | - | 6 | 6 |
| 61 | - | - | - | - | 6 | 6 |
| 62 | - | 2 | 2 | - | 3 | 3 |
| 63 | - | - | - | - | 3 | 3 |
| 64 | - | - | - | - | 1 | 1 |
| 65 | - | - | - | - | 1 | 1 |
| 66 | - | - | - | - | - | - |
| 67 | - | - | - | - | - | - |
| 68 | - | - | - | - | - | - |
| 69 | - | - | - | - | - | - |
| 70 | - | - | - | - | 1 | 1 |
| Total ‰ | 435 | 565 | 1000 | 443 | 558 | 1001 |
| Serial Numbers | - | - | - | - | - | - |
| Number of Samples | - | - | 2 | - | - | 5 |
| Number of Fish Measured | - | - | 422 | - | - | 941 |
| Mean Length (cm) | 42.43 | 48.11 | 45.64 | 42.61 | 47.77 | 45.46 |
| Mean Weight (kg) | - | - | 1.1 | - | - | 1.21 |
| Total Weight Landed (tons) | - | - | 856.7 | - | - | 2348.6 |
| Estimated Number Landed | - | - | 778431 | - | - | 1934806 |
| Mesh(mm) or Hook(no.) Size | - | - | 4 1/8 ¹ | - | - | 4 1/8-4 1/2 ² |
| Range of Depths (fm) | - | - | 33-150 | - | - | 24-120 |

¹ Mesh size - nylon, inches² Mesh size - polypropylene, inches

TABLE 96

LENGTH FREQUENCIES - AMERICAN PLAICE - 30 - 1965

(FREQUENCIES IN ‰ - 1 CM GROUPS)

| GEAR | Otter Trawl | | | | | | | | |
|----------------------------|-------------------------|-------|--------------------|------------|---|-------------|-----|---|-------------|
| | (Commercial) | | | (Research) | | | | | |
| CATCHES/LANDINGS | Landings Before Discard | | | Catches | | | | | |
| MONTH | February | | | April | | | May | | |
| COUNTRY | Canada (Newfoundland) | | | Poland | | | | | |
| SEX | ♂ | ♀ | Tot. | ♂ | ♀ | Tot. | ♂ | ♀ | Tot. |
| TONNAGE | 151-500 | | | 501-900 | | | | | |
| 14 | - | - | - | - | - | 10.2 | - | - | - |
| 15 | - | - | - | - | - | 24.4 | - | - | - |
| 16 | - | - | - | - | - | 22.8 | - | - | - |
| 17 | - | - | - | - | - | 11.8 | - | - | - |
| 18 | - | - | - | - | - | 8.6 | - | - | 6.0 |
| 19 | - | - | - | - | - | 18.1 | - | - | 6.0 |
| 20 | - | - | - | - | - | 38.6 | - | - | - |
| 21 | - | - | - | - | - | 37.0 | - | - | 6.0 |
| 22 | - | - | - | - | - | 40.9 | - | - | 3.0 |
| 23 | - | - | - | - | - | 20.4 | - | - | 3.0 |
| 24 | - | - | - | - | - | 33.0 | - | - | - |
| 25 | - | - | - | - | - | 59.8 | - | - | 3.0 |
| 26 | - | - | - | - | - | 77.7 | - | - | 12.3 |
| 27 | - | - | - | - | - | 66.9 | - | - | 31.0 |
| 28 | 5 | 5 | 10 | - | - | 55.9 | - | - | 37.5 |
| 29 | - | 4 | 4 | - | - | 25.2 | - | - | 25.0 |
| 30 | 4 | 5 | 9 | - | - | 26.7 | - | - | 56.0 |
| 31 | 5 | 9 | 14 | - | - | 27.5 | - | - | 49.5 |
| 32 | 14 | 4 | 18 | - | - | 45.7 | - | - | 56.0 |
| 33 | 18 | 32 | 50 | - | - | 58.3 | - | - | 43.3 |
| 34 | 23 | 14 | 37 | - | - | 46.4 | - | - | 25.0 |
| 35 | 41 | 27 | 68 | - | - | 50.4 | - | - | 49.5 |
| 36 | 23 | 32 | 55 | - | - | 44.9 | - | - | 46.4 |
| 37 | 32 | 36 | 68 | - | - | 27.5 | - | - | 53.0 |
| 38 | 45 | 18 | 63 | - | - | 22.8 | - | - | 31.0 |
| 39 | 18 | 9 | 27 | - | - | 12.6 | - | - | 31.0 |
| 40 | 9 | 27 | 36 | - | - | 18.1 | - | - | 32.0 |
| 41 | 32 | 14 | 46 | - | - | 15.7 | - | - | 25.0 |
| 42 | 27 | 32 | 59 | - | - | 10.2 | - | - | 65.0 |
| 43 | 18 | 18 | 36 | - | - | 11.0 | - | - | 37.5 |
| 44 | 18 | 36 | 54 | - | - | 3.1 | - | - | 22.0 |
| 45 | 9 | 9 | 18 | - | - | 4.7 | - | - | 49.5 |
| 46 | 4 | 9 | 13 | - | - | 3.9 | - | - | 43.3 |
| 47 | - | 18 | 18 | - | - | 3.9 | - | - | 18.5 |
| 48 | 9 | 23 | 32 | - | - | 3.1 | - | - | 40.2 |
| 49 | - | - | - | - | - | 1.5 | - | - | 6.0 |
| 50 | 9 | 9 | 18 | - | - | 0.7 | - | - | 15.4 |
| 51 | - | 18 | 18 | - | - | - | - | - | 15.4 |
| 52 | - | 41 | 41 | - | - | 0.7 | - | - | 9.2 |
| 53 | - | 14 | 14 | - | - | - | - | - | 9.2 |
| 54 | - | 36 | 36 | - | - | 0.7 | - | - | 6.0 |
| 55 | - | 14 | 14 | - | - | - | - | - | 6.0 |
| 56 | - | 27 | 27 | - | - | - | - | - | 3.0 |
| 57 | - | 27 | 27 | - | - | - | - | - | 6.0 |
| 58 | - | 14 | 14 | - | - | - | - | - | - |
| 59 | - | 9 | 9 | - | - | 0.7 | - | - | - |
| 60 | - | 14 | 14 | - | - | 1.5 | - | - | 9.2 |
| 61 | - | 5 | 5 | - | - | - | - | - | 6.0 |
| 62 | - | 9 | 9 | - | - | - | - | - | - |
| 63 | - | 4 | 4 | - | - | - | - | - | - |
| 64 | - | 9 | 9 | - | - | - | - | - | - |
| 65 | - | 4 | 4 | - | - | - | - | - | 3.0 |
| 66 | - | - | - | - | - | - | - | - | - |
| 67 | - | - | - | - | - | - | - | - | 3.0 |
| 68 | - | 5 | 5 | - | - | - | - | - | - |
| 69 | - | - | - | - | - | - | - | - | - |
| 70 | - | - | - | - | - | - | - | - | 6.0 |
| 71 | - | - | - | - | - | - | - | - | 3.0 |
| Total ‰ | 363 | 640 | 1003 | - | - | 993.6 | - | - | 1012.7 |
| Number of Samples | - | - | 1 | - | - | 1 | - | - | 1 |
| Number of Fish Measured | - | - | 221 | - | - | 1269 | - | - | 323 |
| Mean Length (cm) | 38.45 | 45.96 | 43.23 | - | - | 27.9 | - | - | 38.6 |
| Mean Weight (kg) | - | - | 0.95 | - | - | - | - | - | - |
| Total Weight Landed (tons) | - | - | 58.6 | - | - | - | - | - | - |
| Estimated Number Landed | - | - | 61780 | - | - | - | - | - | - |
| Mesh(mm) or Hook(no.) Size | - | - | 4 1/2 ¹ | - | - | 108.9-128.5 | - | - | 108.9-128.5 |
| Range of Depths (fm) | - | - | 80-140 | - | - | 54.68 | - | - | 54.68 |

¹ Mesh Size - nylon, inches

TABLE 97

LENGTH FREQUENCIES - AMERICAN PLAICE - 3P - 1965

(FREQUENCIES IN ‰ - 1 CM GROUPS)

| GEAR | Otter Trawl | | |
|----------------------------|-------------|---|-------------|
| | (Research) | | |
| CATCHES/LANDINGS | Catches | | |
| MONTH | May | | |
| COUNTRY | Poland | | |
| SEX | ♂ | ♀ | Tot. |
| TONNAGE | 501-900 | | |
| 17 | - | - | 2.0 |
| 18 | - | - | 2.0 |
| 19 | - | - | 1.0 |
| 20 | - | - | 2.0 |
| 21 | - | - | 5.1 |
| 22 | - | - | 2.0 |
| 23 | - | - | 7.1 |
| 24 | - | - | 3.0 |
| 25 | - | - | 17.4 |
| 26 | - | - | 10.2 |
| 27 | - | - | 7.1 |
| 28 | - | - | 16.3 |
| 29 | - | - | 9.2 |
| 30 | - | - | 18.4 |
| 31 | - | - | 19.4 |
| 32 | - | - | 38.0 |
| 33 | - | - | 17.4 |
| 34 | - | - | 20.5 |
| 35 | - | - | 49.0 |
| 36 | - | - | 46.0 |
| 37 | - | - | 37.0 |
| 38 | - | - | 47.0 |
| 39 | - | - | 19.4 |
| 40 | - | - | 57.3 |
| 41 | - | - | 45.0 |
| 42 | - | - | 80.0 |
| 43 | - | - | 53.0 |
| 44 | - | - | 52.2 |
| 45 | - | - | 65.0 |
| 46 | - | - | 48.0 |
| 47 | - | - | 31.7 |
| 48 | - | - | 31.0 |
| 49 | - | - | 23.5 |
| 50 | - | - | 32.7 |
| 51 | - | - | 24.5 |
| 52 | - | - | 14.3 |
| 53 | - | - | 4.0 |
| 54 | - | - | 6.1 |
| 55 | - | - | 6.1 |
| 56 | - | - | 6.1 |
| 57 | - | - | 2.0 |
| 58 | - | - | 2.0 |
| 59 | - | - | 2.0 |
| 60 | - | - | 4.0 |
| 61 | - | - | 4.0 |
| 62 | - | - | 1.0 |
| 63 | - | - | 1.0 |
| 64 | - | - | 1.0 |
| 65 | - | - | - |
| 66 | - | - | 1.0 |
| 67 | - | - | 2.0 |
| Total ‰ | - | - | 998.0 |
| Serial Numbers | - | - | - |
| Number of Samples | - | - | 1 |
| Number of Fish Measured | - | - | 977 |
| Mean Length (cm) | - | - | 39.9 |
| Mean Weight (kg) | - | - | - |
| Total Weight Landed (tons) | - | - | - |
| Estimated Number Landed | - | - | - |
| Mesh(mm) or Hook(no.) Size | - | - | 108.9-128.5 |
| Range of Depths (fm) | - | - | 44 |

TABLE 98

LENGTH FREQUENCIES - AMERICAN PLAICE - 4T - 1965

(FREQUENCIES IN ‰ - 1 CM GROUPS)

| GEAR | Otter Trawl | | | | | | | | |
|----------------------------|--------------------|-------|--------------------|------|---|--------------------|--------|---|--------------------|
| | (Commercial) | | | | | | | | |
| CATCHES/LANDINGS | Landings | | | | | | | | |
| MONTH | May | | | June | | | August | | |
| COUNTRY | Canada (Maritimes) | | | | | | | | |
| SEX | ♂ | ♀ | Tot. | ♂ | ♀ | Tot. | ♂ | ♀ | Tot. |
| TONNAGE | 26-50 and 51-150 | | | | | | | | |
| 26 | - | 10 | 10 | - | - | - | - | - | - |
| 27 | 5 | - | 5 | - | - | 8 | - | - | 5 |
| 28 | 20 | - | 20 | - | - | 16 | - | - | - |
| 29 | 10 | 15 | 25 | - | - | - | - | - | - |
| 30 | 20 | 15 | 35 | - | - | 16 | - | - | 25 |
| 31 | 30 | 35 | 65 | - | - | 89 | - | - | 20 |
| 32 | 80 | 80 | 160 | - | - | 73 | - | - | 125 |
| 33 | 40 | 45 | 85 | - | - | 121 | - | - | 100 |
| 34 | 75 | 20 | 95 | - | - | 73 | - | - | 145 |
| 35 | 35 | 30 | 65 | - | - | 113 | - | - | 60 |
| 36 | 15 | 35 | 50 | - | - | 113 | - | - | 40 |
| 37 | 20 | 35 | 55 | - | - | 97 | - | - | 60 |
| 38 | 5 | 80 | 85 | - | - | 56 | - | - | 95 |
| 39 | 20 | 40 | 60 | - | - | 40 | - | - | 80 |
| 40 | 5 | 35 | 40 | - | - | 40 | - | - | 60 |
| 41 | 10 | 15 | 25 | - | - | 32 | - | - | 50 |
| 42 | 5 | 15 | 20 | - | - | 48 | - | - | 30 |
| 43 | - | 15 | 15 | - | - | 16 | - | - | 20 |
| 44 | 5 | 10 | 15 | - | - | 16 | - | - | 20 |
| 45 | - | 5 | 5 | - | - | - | - | - | 25 |
| 46 | - | 5 | 5 | - | - | 16 | - | - | 20 |
| 47 | - | 5 | 5 | - | - | 8 | - | - | 5 |
| 48 | - | 5 | 5 | - | - | - | - | - | - |
| 49 | - | 10 | 10 | - | - | 8 | - | - | - |
| 50 | - | - | - | - | - | - | - | - | - |
| 51 | - | 10 | 10 | - | - | - | - | - | - |
| 52 | - | 5 | 5 | - | - | - | - | - | - |
| 53 | - | - | - | - | - | - | - | - | - |
| 54 | - | 10 | 10 | - | - | - | - | - | - |
| 55 | - | 5 | 5 | - | - | - | - | - | - |
| 56 | - | 5 | 5 | - | - | - | - | - | 5 |
| 57 | - | - | - | - | - | - | - | - | 5 |
| 58 | - | - | - | - | - | - | - | - | - |
| 59 | - | 5 | 5 | - | - | - | - | - | - |
| 60 | - | - | - | - | - | - | - | - | 5 |
| Total ‰ | 400 | 600 | 1000 | - | - | 999 | - | - | 1000 |
| Serial Numbers | - | - | 154 | - | - | 155 | - | - | 156 |
| Number of Samples | - | - | 1 | - | - | 1 | - | - | 1 |
| Number of Fish Measured | 80 | 120 | 200 | - | - | 124 | - | - | 200 |
| Mean Length (cm) | 33.65 | 37.45 | 35.93 | - | - | 35.87 | - | - | 36.82 |
| Mean Weight (kg) | - | - | 0.43 | - | - | 0.44 | - | - | 0.56 |
| Total Weight Landed (tons) | - | - | - | - | - | - | - | - | - |
| Estimated Number Landed | - | - | - | - | - | - | - | - | - |
| Mesh(mm) or Hook(no.) Size | - | - | 4 3/8 ¹ | - | - | 4 1/2 ¹ | - | - | 4 3/8 ¹ |
| Range of Depths (fm) | - | - | 60-70 | - | - | 20-40 | - | - | 40-45 |

¹ Mesh size - inches

TABLE 98
(cont'd)

LENGTH FREQUENCIES - AMERICAN PLAICE - 4T - 1965

(FREQUENCIES IN ‰ - 1 CM GROUPS)

| GEAR | Otter Trawl | | | | |
|---|--------------------|---|--------------------|-------|--------------------|
| | (Commercial) | | | | |
| CATCHES/LANDINGS | Landings | | | | |
| MONTH | October | | November | | |
| COUNTRY | Canada (Maritimes) | | | | |
| SEX | ♂ | ♀ | Tot. | ♂ | Tot. |
| TONNAGE | 26-50 and 51-150 | | | | |
| 25 | - | - | - | 8 | 8 |
| 26 | - | - | - | 8 | 8 |
| 27 | - | - | 8 | 17 | 17 |
| 28 | - | - | 33 | - | 17 |
| 29 | - | - | 8 | 9 | 18 |
| 30 | - | - | 75 | 34 | 34 |
| 31 | - | - | 50 | 26 | 60 |
| 32 | - | - | 108 | 26 | 86 |
| 33 | - | - | 92 | 9 | 60 |
| 34 | - | - | 167 | 42 | 119 |
| 35 | - | - | 75 | 60 | 128 |
| 36 | - | - | 42 | 17 | 51 |
| 37 | - | - | 67 | 9 | 77 |
| 38 | - | - | 33 | 9 | 43 |
| 39 | - | - | 50 | - | 42 |
| 40 | - | - | 17 | - | 34 |
| 41 | - | - | 33 | - | 26 |
| 42 | - | - | 25 | - | 51 |
| 43 | - | - | 42 | - | 26 |
| 44 | - | - | 25 | - | - |
| 45 | - | - | - | - | 26 |
| 46 | - | - | 8 | 8 | 17 |
| 47 | - | - | 8 | - | 17 |
| 48 | - | - | - | - | 9 |
| 49 | - | - | 25 | - | 9 |
| 50 | - | - | - | - | - |
| 51 | - | - | - | - | - |
| 52 | - | - | - | - | - |
| 53 | - | - | - | - | - |
| 54 | - | - | - | - | 9 |
| 55 | - | - | - | - | 8 |
| 56 | - | - | - | - | - |
| 57 | - | - | - | - | - |
| 58 | - | - | - | - | - |
| 59 | - | - | - | - | - |
| 60 | - | - | 8 | - | - |
| Total ‰ | - | - | 999 | 274 | 1000 |
| Serial Numbers | - | - | 157 | - | 155 |
| Number of Samples | - | - | 1 | - | 1 |
| Number of Fish Measured | - | - | 120 | 32 | 117 |
| Mean Length (cm) | - | - | 35.63 | 33.09 | 36.20 |
| Mean Weight (kg) | - | - | 0.50 | - | 0.45 |
| Total Weight Landed (tons) | - | - | - | - | - |
| Estimated Number Landed | - | - | - | - | - |
| Mesh(mm) or Hook(no.) Size ¹ | - | - | 4 1/2 ¹ | - | 4 1/2 ¹ |
| Range of Depths (fm) | - | - | 30-31 | - | 15-25 |

¹ Mesh size - inches

TABLE 99

AGE FREQUENCIES - AMERICAN PLAICE - 3L - 1965

(FREQUENCIES IN ‰)

| GEAR | | Otter Trawl | | | | | | | | | | | |
|----------------------------|-----|-------------|-------------|--------|-------------|------|------|-------------|-------------|-------|-------------|------|------|
| CATCHES/LANDINGS | | (Research) | | | | | | | | | | | |
| MONTH | | May | | | | | | June | | | | | |
| COUNTRY | | Poland | | | | | | | | | | | |
| TONNAGE | | 501-900 | | | | | | | | | | | |
| YEAR-CLASS | AGE | ‰ Frequency | | | Mean Length | | | ‰ Frequency | | | Mean Length | | |
| | | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. |
| 1963 | 2 | 10 | - | 10 | 11.0 | - | 11.0 | - | - | - | - | - | - |
| 1962 | 3 | 20 | 10 | 30 | 11.5 | 14.0 | - | - | - | - | - | - | - |
| 1961 | 4 | 20 | 70 | 90 | 18.0 | 17.7 | 18.0 | - | 10 | 10 | - | 23.0 | 23.0 |
| 1960 | 5 | 40 | 50 | 90 | 20.5 | 22.6 | 21.6 | 40 | - | 40 | 27.2 | - | 27.2 |
| 1959 | 6 | 40 | 30 | 70 | 22.5 | 26.0 | 24.0 | 70 | 10 | 80 | 28.8 | 32.0 | 29.2 |
| 1958 | 7 | 60 | 120 | 180 | 30.6 | 29.7 | 30.0 | 40 | 20 | 60 | 33.0 | 30.5 | 32.1 |
| 1957 | 8 | 30 | 60 | 90 | 31.3 | 32.8 | 32.0 | 140 | 70 | 210 | 35.6 | 37.2 | 36.2 |
| 1956 | 9 | 30 | 60 | 90 | 37.3 | 37.8 | 37.6 | 150 | 50 | 200 | 37.6 | 43.8 | 31.1 |
| 1955 | 10 | 30 | 10 | 40 | 39.0 | 37.0 | 38.0 | 110 | 60 | 170 | 42.0 | 48.0 | 44.1 |
| 1954 | 11 | - | 10 | 10 | - | 43.0 | 43.0 | 50 | 60 | 110 | 40.8 | 50.9 | 46.5 |
| 1953 | 12 | 10 | 30 | 40 | 41.0 | 42.7 | 41.8 | 10 | 20 | 30 | 41.0 | 44.0 | 43.0 |
| 1952 | 13 | 10 | 30 | 40 | 47.0 | 44.0 | 45.5 | 10 | 40 | 50 | 45.0 | 52.0 | 50.6 |
| 1951 | 14 | - | 20 | 20 | - | 45.5 | 45.5 | - | - | - | - | - | - |
| 1950 | 15 | - | 30 | 30 | - | 48.6 | 48.6 | 10 | 20 | 30 | 45.0 | 57.5 | 53.3 |
| 1949 | 16 | - | 20 | 20 | - | 51.0 | 51.0 | - | 10 | 10 | - | 65.0 | 65.0 |
| 1948 | 17 | - | 20 | 20 | - | 48.5 | 48.5 | - | - | - | - | - | - |
| 1947 | 18 | - | 30 | 30 | - | 52.3 | 52.3 | - | - | - | - | - | - |
| 1946 | 19 | - | 10 | 10 | - | 53.0 | 53.0 | - | - | - | - | - | - |
| 1945 | 20 | - | - | - | - | - | - | - | - | - | - | - | - |
| 1944 | 21 | - | 10 | 10 | - | 62.0 | 62.0 | - | - | - | - | - | - |
| 1943 | 22 | 10 | - | 10 | 56.0 | - | 56.0 | - | - | - | - | - | - |
| 1942 | 23 | - | 10 | 10 | - | 57.0 | 57.0 | - | - | - | - | - | - |
| 1941 | 24 | - | 20 | 20 | - | 61.0 | 61.0 | - | - | - | - | - | - |
| 1940 | 25 | - | 10 | 10 | - | 60.0 | 60.0 | - | - | - | - | - | - |
| 1939 | 26 | - | - | - | - | - | - | - | - | - | - | - | - |
| 1938 | 27 | - | 20 | 20 | - | 67.0 | 67.0 | - | - | - | - | - | - |
| 1937 | 28 | - | 10 | 10 | - | 64.0 | 64.0 | - | - | - | - | - | - |
| Total ‰ | | 310 | 690 | 1000 | | | | 630 | 370 | 1000 | | | |
| Serial Numbers | | - | - | - | | | | - | - | - | | | |
| Number of Samples | | - | - | 1 | | | | - | - | - | | | |
| Number of Fish Aged | | 31 | 69 | 100 | | | | 63 | 37 | 100 | | | |
| Mean Age | | 7.4 | 11.5 | 10.3 | | | | 8.6 | 9.9 | 9.1 | | | |
| Mean Weight (kg) | | - | - | - | | | | - | - | - | | | |
| Total Weight Landed (tons) | | - | - | - | | | | - | - | - | | | |
| Estimated Number Landed | | - | - | - | | | | - | - | - | | | |
| Mesh(mm) or Hook(no.) Size | | - | 108.9-128.5 | - | | | | - | 108.9-128.5 | - | | | |
| Range of Depths (fm) | | - | - | 87-120 | | | | - | - | 66-82 | | | |

TABLE 100

AGE FREQUENCIES - AMERICAN PLAICE - 30 - 1965

(FREQUENCIES IN ‰)

| GEAR | | Otter Trawl (Research) | | | | | | | | | | | |
|----------------------------|-----|---------------------------|-------------|--------|-------------|------|------|-------------|-------------|--------|-------------|------|------|
| CATCHES/LANDINGS | | Catches | | | | | | | | | | | |
| MONTH | | April | | | | | | May | | | | | |
| COUNTRY | | Poland | | | | | | | | | | | |
| TONNAGE | | 501-900 | | | | | | | | | | | |
| YEAR-CLASS | AGE | ‰ Frequency | | | Mean Length | | | ‰ Frequency | | | Mean Length | | |
| | | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. |
| 1962 | 3 | 50.0 | 25.0 | 75.0 | 14.7 | 15.5 | 15.0 | - | - | - | - | - | - |
| 1961 | 4 | 87.5 | 100.0 | 187.5 | 20.0 | 19.0 | 19.5 | - | 12.2 | 12.2 | - | 21.0 | 21.0 |
| 1960 | 5 | 50.0 | 62.5 | 112.5 | 24.1 | 24.5 | 24.2 | 12.2 | - | 12.2 | 22.0 | - | 22.0 |
| 1959 | 6 | 50.0 | 62.5 | 112.5 | 28.7 | 30.7 | 29.8 | 12.2 | - | 12.2 | 27.0 | - | 27.0 |
| 1958 | 7 | 50.0 | 168.7 | 218.7 | 33.1 | 34.3 | 34.0 | 24.4 | 97.6 | 122.0 | 29.0 | 28.8 | 28.9 |
| 1957 | 8 | 62.5 | 118.8 | 181.3 | 35.7 | 40.7 | 39.0 | 109.7 | 109.7 | 219.4 | 34.3 | 30.7 | 32.5 |
| 1956 | 9 | 6.3 | 43.7 | 50.0 | 41.0 | 45.7 | 45.1 | 12.2 | 24.4 | 36.6 | 34.0 | 35.5 | 34.8 |
| 1955 | 10 | - | 25.0 | 25.0 | - | 47.0 | 47.0 | 60.9 | - | 60.9 | 37.0 | - | 37.0 |
| 1954 | 11 | - | 12.5 | 12.5 | - | 48.0 | 48.0 | 97.6 | 24.4 | 122.0 | 40.5 | 39.5 | 39.7 |
| 1953 | 12 | - | 6.2 | 6.2 | - | 54.0 | 54.0 | 36.6 | 24.4 | 61.0 | 40.6 | 41.5 | 41.0 |
| 1952 | 13 | - | 6.2 | 6.2 | - | 60.0 | 60.0 | 24.4 | 24.4 | 48.8 | 44.0 | 44.5 | 44.2 |
| 1951 | 14 | - | 12.5 | 12.5 | - | 59.5 | 59.5 | 73.2 | - | 73.2 | 46.3 | - | 46.3 |
| 1950 | 15 | - | - | - | - | - | - | 36.6 | 24.4 | 61.0 | 48.6 | 48.0 | 48.3 |
| 1949 | 16 | - | - | - | - | - | - | - | 24.4 | 24.4 | - | 54.0 | 54.0 |
| 1948 | 17 | - | - | - | - | - | - | - | 12.2 | 12.2 | - | 53.0 | 53.0 |
| 1947 | 18 | - | - | - | - | - | - | 24.4 | 24.4 | 48.8 | 56.5 | 58.0 | 57.2 |
| 1946 | 19 | - | - | - | - | - | - | 12.2 | 24.4 | 36.6 | 53.0 | 54.5 | 54.0 |
| 1945 | 20 | - | - | - | - | - | - | - | 24.4 | 24.4 | - | 66.0 | 66.0 |
| 1944 | 21 | - | - | - | - | - | - | - | - | - | - | - | - |
| 1943 | 22 | - | - | - | - | - | - | - | - | - | - | - | - |
| 1942 | 23 | - | - | - | - | - | - | - | - | - | - | - | - |
| 1941 | 24 | - | - | - | - | - | - | - | 12.2 | 12.2 | - | 70.0 | 70.0 |
| Total ‰ | | 356.3 | 643.7 | 1000.0 | | | | 536.5 | 463.5 | 1000.0 | | | |
| Serial Numbers | | - | - | - | | | | - | - | - | | | |
| Number of Samples | | - | - | 1 | | | | - | - | 1 | | | |
| Number of Fish Aged | | 57 | 103 | 160 | | | | 44 | 38 | 82 | | | |
| Mean Age | | 5.5 | 6.6 | 6.3 | | | | 11.1 | 11.5 | 11.1 | | | |
| Mean Weight (kg) | | - | - | - | | | | - | - | - | | | |
| Total Weight Landed (tons) | | - | - | - | | | | - | - | - | | | |
| Estimated Number Landed | | - | - | - | | | | - | - | - | | | |
| Mesh(mm) or Hook(no.) Size | | - | 108.9-128.5 | - | | | | - | 108.9-128.5 | - | | | |
| Range of Depths (fm) | | - | - | 55 | | | | - | - | 55-66 | | | |

TABLE 101

AGE FREQUENCIES - AMERICAN PLAICE - 3P - 1965

(FREQUENCIES IN ‰)

| GEAR | | Otter Trawl (Research) | | | | | |
|----------------------------|-----|---------------------------|-------|-------------|-------------|------|------|
| CATCHES/LANDINGS | | Catches | | | | | |
| MONTH | | May | | | | | |
| COUNTRY | | Poland | | | | | |
| TONNAGE | | 501-900 | | | | | |
| YEAR-CLASS | AGE | ‰ Frequency | | | Mean Length | | |
| | | ‰ | ‰ | Tot. | ‰ | ‰ | Tot. |
| 1962 | 3 | - | 9.0 | 9.0 | - | 13.0 | 13.0 |
| 1961 | 4 | 36.0 | 18.0 | 54.0 | 17.0 | 20.5 | 18.1 |
| 1960 | 5 | 27.0 | - | 27.0 | 21.3 | - | 21.3 |
| 1959 | 6 | 18.0 | 9.0 | 27.0 | 22.5 | 37.0 | 30.6 |
| 1958 | 7 | 27.0 | 18.0 | 45.0 | 34.6 | 29.0 | 32.4 |
| 1957 | 8 | 63.0 | 18.0 | 81.0 | 37.7 | 36.0 | 37.3 |
| 1956 | 9 | 36.0 | 54.0 | 90.0 | 40.5 | 39.1 | 39.7 |
| 1955 | 10 | 27.0 | 27.0 | 54.0 | 39.3 | 40.0 | 39.6 |
| 1954 | 11 | 72.0 | 36.0 | 108.0 | 42.1 | 42.6 | 42.3 |
| 1953 | 12 | 54.0 | 9.0 | 63.0 | 43.0 | 43.0 | 43.0 |
| 1952 | 13 | 99.0 | 27.0 | 126.0 | 43.9 | 46.0 | 44.3 |
| 1951 | 14 | 45.0 | 18.0 | 63.0 | 44.8 | 49.0 | 46.9 |
| 1950 | 15 | 72.0 | 18.0 | 90.0 | 46.4 | 49.0 | 47.0 |
| 1949 | 16 | 9.0 | - | 9.0 | 45.0 | - | 45.0 |
| 1948 | 17 | 27.0 | - | 27.0 | 48.5 | - | 48.5 |
| 1947 | 18 | - | - | - | - | - | - |
| 1946 | 19 | - | 9.0 | 9.0 | - | 53.0 | 53.0 |
| 1945 | 20 | 9.0 | 18.0 | 27.0 | 50.0 | 52.0 | 51.3 |
| 1944 | 21 | - | 9.0 | 9.0 | - | 56.0 | 56.0 |
| 1943 | 22 | - | - | - | - | - | - |
| 1942 | 23 | 9.0 | 9.0 | 18.0 | 55.0 | 63.0 | 59.0 |
| 1941 | 24 | - | 27.0 | 27.0 | - | 61.3 | 61.3 |
| 1940 | 25 | - | 9.0 | 9.0 | - | 57.0 | 57.0 |
| 1939 | 26 | - | - | - | - | - | - |
| 1938 | 27 | - | - | - | - | - | - |
| 1937 | 28 | - | 27.0 | 27.0 | - | 66.1 | 66.1 |
| Total ‰ | | 630.0 | 369.0 | 999.0 | | | |
| Serial Numbers | | - | - | - | | | |
| Number of Samples | | - | - | 1 | | | |
| Number of Fish Aged | | 70 | 41 | 111 | | | |
| Mean Age | | 11.0 | 13.8 | 12.0 | | | |
| Mean Weight (kg) | | - | - | - | | | |
| Total Weight Landed (tons) | | - | - | - | | | |
| Estimated Number Landed | | - | - | - | | | |
| Mesh(mm) or Hook(no.) Size | | - | - | 108.9-128.5 | | | |
| Range of Depths (fm) | | - | - | 44-55 | | | |

| GEAR | Otter Trawl (Research) | | | | | |
|----------------------------|---------------------------|----|-------------|-----|----|--------------|
| | Catches | | | | | |
| CATCHES/LANDINGS | April | | | May | | |
| MONTH | | | | | | |
| COUNTRY | Poland | | | | | |
| SEX | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. |
| TONNAGE | 501-900 | | | | | |
| 29 | - | - | - | - | - | 2.0 |
| 30 | - | - | - | - | - | 2.0 |
| 31 | - | - | - | - | - | 10.0 |
| 32 | - | - | - | - | - | 24.0 |
| 33 | - | - | - | - | - | 4.0 |
| 34 | - | - | - | - | - | 8.0 |
| 35 | - | - | 10.7 | - | - | 48.8 |
| 36 | - | - | 4.5 | - | - | 48.8 |
| 37 | - | - | 15.0 | - | - | 48.8 |
| 38 | - | - | 23.6 | - | - | 87.5 |
| 39 | - | - | 19.3 | - | - | 55.0 |
| 40 | - | - | 38.6 | - | - | 142.5 |
| 41 | - | - | 53.6 | - | - | 97.5 |
| 42 | - | - | 64.3 | - | - | 115.0 |
| 43 | - | - | 103.0 | - | - | 65.0 |
| 44 | - | - | 105.1 | - | - | 42.5 |
| 45 | - | - | 118.0 | - | - | 57.0 |
| 46 | - | - | 75.1 | - | - | 24.0 |
| 47 | - | - | 81.5 | - | - | 18.2 |
| 48 | - | - | 68.6 | - | - | 40.7 |
| 49 | - | - | 64.3 | - | - | 6.0 |
| 50 | - | - | 71.0 | - | - | 12.0 |
| 51 | - | - | 32.1 | - | - | 12.0 |
| 52 | - | - | 24.0 | - | - | 10.0 |
| 53 | - | - | 10.7 | - | - | 4.0 |
| 54 | - | - | 8.5 | - | - | 2.0 |
| 55 | - | - | 8.5 | - | - | 2.0 |
| 56 | - | - | - | - | - | 2.0 |
| 57 | - | - | - | - | - | 2.0 |
| 58 | - | - | - | - | - | 4.0 |
| 59 | - | - | - | - | - | - |
| 60 | - | - | - | - | - | - |
| 61 | - | - | - | - | - | 2.0 |
| Total ‰/oo | - | - | 1000 | - | - | 1000 |
| Serial Numbers | - | - | - | - | - | - |
| Number of Samples | - | - | 1 | - | - | 1 |
| Number of Fish Measured | - | - | 466 | - | - | 491 |
| Mean Length (cm) | - | - | 44.5 | - | - | 41.0 |
| Mean Weight (kg) | - | - | - | - | - | - |
| Total Weight Landed (tons) | - | - | - | - | - | - |
| Estimated Number Landed | - | - | - | - | - | - |
| Mesh(mm) or Hook(no.) Size | - | - | 108.9-128.5 | - | - | 108.9-128.5 |
| Range of Depths (fm) | - | - | 54.68 | - | - | 87.50-109.36 |

TABLE 103

LENGTH FREQUENCIES - WITCH - 4R - 1965

(FREQUENCIES IN ‰ - 1 CM GROUPS)

| GEAR | Danish Seine (Commercial) | | |
|----------------------------|------------------------------|-------|--------------------|
| CATCHES/LANDINGS | Landings | | |
| MONTH | June | | |
| COUNTRY | Canada (Maritimes) | | |
| SEX | ♂ | ♀ | Tot. |
| TONNAGE | 51-150 | | |
| 37 | 35 | 5 | 40 |
| 38 | 110 | 5 | 115 |
| 39 | 110 | 25 | 135 |
| 40 | 65 | 5 | 70 |
| 41 | 70 | 25 | 95 |
| 42 | 20 | 5 | 25 |
| 43 | 40 | 35 | 75 |
| 44 | 25 | 40 | 65 |
| 45 | 25 | 50 | 75 |
| 46 | - | 30 | 30 |
| 47 | 10 | 60 | 70 |
| 48 | - | 50 | 50 |
| 49 | - | 35 | 35 |
| 50 | - | 25 | 25 |
| 51 | - | 15 | 15 |
| 52 | - | 30 | 30 |
| 53 | - | 20 | 20 |
| 54 | - | - | - |
| 55 | - | 20 | 20 |
| 56 | - | - | - |
| 57 | - | 5 | 5 |
| 58 | - | - | - |
| 59 | - | - | - |
| 60 | - | 5 | 5 |
| Total ‰ | 510 | 490 | 1000 |
| Serial Numbers | - | - | 149 |
| Number of Samples | - | - | 1 |
| Number of Fish Measured | 102 | 98 | 200 |
| Mean Length (cm) | 40.18 | 46.81 | 43.42 |
| Mean Weight (kg) | - | - | 0.59 |
| Total Weight Landed (tons) | - | - | - |
| Estimated Number Landed | - | - | - |
| Mesh(mm) or Hook(no.) Size | - | - | 4 1/2 ¹ |
| Range of Depths (fm) | - | - | 48-60 |

¹ Mesh size - inches

| GEAR | Otter Trawl | | | Danish Seine | | |
|---|--------------------|-------|--------------------------|--------------|-------|----------------|
| | (Commercial) | | | | | |
| CATCHES/LANDINGS | Landings | | | | | |
| MONTH | June | | | June | | |
| COUNTRY | Canada (Maritimes) | | | | | |
| SEX | ♂ | ♀ | Tot. | ♂ | ♀ | Tot. |
| TONNAGE | 26-50 and 51-150 | | | 26-50 | | |
| 32 | 3 | 3 | 6 | 5 | - | 5 |
| 33 | 3 | - | 3 | 5 | - | 5 |
| 34 | 10 | 3 | 13 | 10 | - | 10 |
| 35 | 19 | 3 | 22 | 10 | 15 | 25 |
| 36 | 42 | 10 | 52 | 40 | - | 40 |
| 37 | 13 | 13 | 26 | 15 | 5 | 20 |
| 38 | 32 | 6 | 38 | 30 | 5 | 35 |
| 39 | 19 | 19 | 38 | 55 | 20 | 75 |
| 40 | 42 | 3 | 45 | 50 | 10 | 60 |
| 41 | 29 | 26 | 55 | 35 | 25 | 60 |
| 42 | 36 | 16 | 52 | 45 | 25 | 70 |
| 43 | 29 | 32 | 61 | 40 | 25 | 65 |
| 44 | 13 | 23 | 36 | 20 | 15 | 35 |
| 45 | 23 | 16 | 39 | 20 | 20 | 40 |
| 46 | 16 | 23 | 39 | 25 | 30 | 55 |
| 47 | 23 | 26 | 49 | 10 | 25 | 35 |
| 48 | 23 | 29 | 52 | 5 | 40 | 45 |
| 49 | 23 | 32 | 55 | 25 | 15 | 40 |
| 50 | 36 | 16 | 52 | 5 | 35 | 40 |
| 51 | 6 | 23 | 29 | - | 50 | 50 |
| 52 | 3 | 32 | 35 | - | 20 | 20 |
| 53 | 13 | 26 | 39 | 5 | 45 | 50 |
| 54 | 3 | 32 | 35 | - | 15 | 15 |
| 55 | 3 | 19 | 22 | - | 15 | 15 |
| 56 | - | 10 | 10 | - | 25 | 25 |
| 57 | - | 39 | 39 | - | 20 | 20 |
| 58 | - | 19 | 19 | - | 15 | 15 |
| 59 | - | 13 | 13 | - | 5 | 5 |
| 60 | 6 | 10 | 16 | - | 10 | 10 |
| 61 | - | 6 | 6 | - | 10 | 10 |
| 62 | - | 3 | 3 | - | 5 | 5 |
| Total ‰ | 468 | 531 | 999 | 455 | 545 | 1000 |
| Serial Numbers | - | - | 141-142 | - | - | 150 |
| Number of Samples | - | - | 2 | - | - | 1 |
| Number of Fish Measured | 145 | 165 | 310 | 91 | 109 | 200 |
| Mean Length (cm) | 42.89 | 48.80 | 46.03 | 41.14 | 48.78 | 45.30 |
| Mean Weight (kg) | - | - | 0.68 | - | - | 0.72 |
| Total Weight Landed (tons) | - | - | - | - | - | - |
| Estimated Number Landed | - | - | - | - | - | - |
| Mesh(mm) or Hook(no.) Size ¹ | - | - | 4 3/8-4 1/2 ¹ | - | - | 4 ¹ |
| Range of Depths (fm) | - | - | 30-45 | - | - | 101-102 |

¹ Mesh size - inches

TABLE 105

LENGTH FREQUENCIES - WITCH - 4Vn - 1965

(FREQUENCIES IN ‰ - 1 CM GROUPS)

| GEAR | Otter Trawl | | | | | | | | |
|----------------------------|--------------------|-------|--------------------|----------|-------|--------------------|-------|-------|--------------------|
| | (Commercial) | | | | | | | | |
| CATCHES/LANDINGS | Landings | | | | | | | | |
| MONTH | January | | | February | | | March | | |
| COUNTRY | Canada (Maritimes) | | | | | | | | |
| SEX | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. |
| TONNAGE | 151-500 | | | | | | | | |
| 31 | - | - | - | - | - | - | 8 | - | 8 |
| 32 | - | - | - | - | - | - | - | - | - |
| 33 | 5 | - | 5 | - | - | - | 12 | - | 12 |
| 34 | 10 | - | 10 | - | - | - | 4 | 4 | 8 |
| 35 | 10 | - | 10 | 5 | - | 5 | 17 | - | 17 |
| 36 | 10 | - | 10 | - | - | - | 8 | 4 | 12 |
| 37 | 5 | - | 5 | 10 | - | 10 | 12 | - | 12 |
| 38 | 75 | 5 | 80 | 20 | - | 20 | 12 | - | 12 |
| 39 | 30 | 5 | 35 | 45 | - | 45 | 21 | - | 21 |
| 40 | 55 | 10 | 65 | 90 | 20 | 110 | 21 | 4 | 25 |
| 41 | 75 | 15 | 90 | 55 | 10 | 65 | 37 | 8 | 45 |
| 42 | 55 | 10 | 65 | 35 | 20 | 55 | 90 | 8 | 98 |
| 43 | 70 | 20 | 90 | 65 | 25 | 90 | 61 | 12 | 73 |
| 44 | 65 | 35 | 100 | 25 | 5 | 30 | 33 | 17 | 50 |
| 45 | 40 | 20 | 60 | 20 | 50 | 70 | 45 | 17 | 62 |
| 46 | 40 | 40 | 80 | 25 | 65 | 90 | 61 | 45 | 106 |
| 47 | 5 | 40 | 45 | - | 65 | 65 | 41 | 37 | 78 |
| 48 | 5 | 35 | 40 | 5 | 60 | 65 | 8 | 25 | 33 |
| 49 | - | 15 | 15 | 5 | 35 | 40 | 4 | 17 | 21 |
| 50 | 10 | 30 | 40 | - | 30 | 30 | - | 17 | 17 |
| 51 | - | 30 | 30 | 5 | 15 | 20 | 12 | 12 | 24 |
| 52 | 5 | 40 | 45 | - | 20 | 20 | 4 | 21 | 25 |
| 53 | - | 5 | 5 | - | 15 | 15 | 4 | 29 | 33 |
| 54 | - | 20 | 20 | - | 25 | 25 | - | 49 | 49 |
| 55 | - | 15 | 15 | - | 40 | 40 | - | 33 | 33 |
| 56 | - | 15 | 15 | - | 30 | 30 | - | 17 | 17 |
| 57 | - | 5 | 5 | - | 5 | 5 | - | 25 | 25 |
| 58 | - | 15 | 15 | - | 10 | 10 | - | 25 | 25 |
| 59 | - | 5 | 5 | - | 25 | 25 | - | 29 | 29 |
| 60 | - | - | - | - | 15 | 15 | - | 8 | 8 |
| 61 | - | - | - | - | - | - | - | 4 | 4 |
| 62 | - | - | - | - | 5 | 5 | - | 12 | 12 |
| 63 | - | - | - | - | - | - | - | 8 | 8 |
| Total ‰ | 570 | 430 | 1000 | 410 | 590 | 1000 | 515 | 487 | 1002 |
| Serial Numbers | - | - | 143 | - | - | 144 | - | - | 145 |
| Number of Samples | - | - | 1 | - | - | 1 | - | - | 1 |
| Number of Fish Measured | 114 | 86 | 200 | 82 | 118 | 200 | 126 | 118 | 244 |
| Mean Length (cm) | 41.67 | 48.43 | 44.58 | 41.63 | 49.35 | 46.18 | 42.65 | 51.41 | 46.91 |
| Mean Weight (kg) | - | - | 0.71 | - | - | 0.71 | - | - | 0.81 |
| Total Weight Landed (tons) | - | - | - | - | - | - | - | - | - |
| Estimated Number Landed | - | - | - | - | - | - | - | - | - |
| Mesh(mm) or Hook(no.) Size | - | - | 4 1/2 ¹ | - | - | 4.5/8 ¹ | - | - | 4 5/8 ¹ |
| Range of Depths (fm) | - | - | 80-125 | - | - | 135-150 | - | - | 150 |

¹ Mesh size - inches

| GEAR | Otter Trawl | | | | | | | | | Danish Seine | | |
|---|--------------------|-------|--------------------|-------|-------|--------------------|----------|-------|----------------|--------------|-------|--------------------|
| | (Commercial) | | | | | | | | | | | |
| CATCHES/LANDINGS | Landings | | | | | | | | | | | |
| MONTH | February | | | May | | | November | | | June | | |
| COUNTRY | Canada (Maritimes) | | | | | | | | | | | |
| SEX | ♂ | ♀ | Tot. | ♂ | ♀ | Tot. | ♂ | ♀ | Tot. | ♂ | ♀ | Tot. |
| TONNAGE | 151-500 | | | | | | | | | 51-150 | | |
| 32 | 5 | - | 5 | - | 10 | 10 | - | - | - | - | - | - |
| 33 | - | - | - | - | - | - | - | - | - | - | - | - |
| 34 | 20 | 5 | 25 | - | - | - | 10 | 20 | 30 | - | - | - |
| 35 | 10 | - | 10 | - | 10 | 10 | 30 | 54 | 84 | - | - | - |
| 36 | 35 | 5 | 40 | - | 10 | 10 | 34 | 39 | 73 | - | - | - |
| 37 | 25 | 5 | 30 | 10 | 10 | 20 | 30 | 34 | 64 | - | - | - |
| 38 | 20 | 30 | 50 | 20 | 10 | 30 | 39 | 34 | 73 | - | - | - |
| 39 | 30 | 20 | 50 | 30 | 30 | 60 | 15 | 39 | 54 | 10 | 10 | 20 |
| 40 | 40 | 10 | 50 | 50 | 30 | 80 | 15 | 44 | 59 | - | 10 | 10 |
| 41 | 40 | 5 | 45 | 20 | 30 | 50 | 59 | 44 | 103 | 10 | - | 10 |
| 42 | 95 | 35 | 130 | 60 | 30 | 90 | 25 | 44 | 69 | 10 | - | 10 |
| 43 | 40 | 20 | 60 | 10 | 50 | 60 | 15 | 34 | 49 | 20 | 20 | 40 |
| 44 | 20 | 40 | 60 | - | 70 | 70 | 15 | 34 | 49 | - | 20 | 20 |
| 45 | 10 | 25 | 35 | - | 70 | 70 | 15 | 44 | 59 | 20 | 30 | 50 |
| 46 | 10 | 25 | 35 | 10 | 40 | 50 | 15 | 44 | 59 | 70 | 100 | 170 |
| 47 | 25 | 40 | 65 | 20 | 90 | 110 | 10 | 25 | 35 | 30 | 90 | 120 |
| 48 | 15 | 40 | 55 | - | 40 | 40 | - | 15 | 15 | 10 | 110 | 120 |
| 49 | 10 | 40 | 50 | 10 | - | 10 | - | 15 | 15 | - | 120 | 120 |
| 50 | 5 | 35 | 40 | 10 | 60 | 70 | 5 | 25 | 30 | - | 50 | 50 |
| 51 | - | 30 | 30 | 10 | 20 | 30 | - | 15 | 15 | 10 | 90 | 100 |
| 52 | - | 10 | 10 | 10 | 30 | 40 | - | 10 | 10 | - | 60 | 60 |
| 53 | - | 10 | 10 | - | 20 | 20 | - | 5 | 5 | - | 30 | 30 |
| 54 | - | 25 | 25 | - | 10 | 10 | - | 10 | 10 | - | - | - |
| 55 | - | 35 | 35 | - | 20 | 20 | - | - | - | - | 20 | 20 |
| 56 | - | 5 | 5 | - | 10 | 10 | - | 10 | 10 | - | 10 | 10 |
| 57 | - | 25 | 25 | - | 20 | 20 | - | 10 | 10 | 10 | 20 | 30 |
| 58 | - | 5 | 5 | - | - | - | - | 10 | 10 | - | 10 | 10 |
| 59 | - | 5 | 5 | - | 10 | 10 | - | 5 | 5 | - | - | - |
| 60 | - | 15 | 15 | - | - | - | - | - | - | - | - | - |
| 61 | - | - | - | - | - | - | - | - | - | - | - | - |
| 62 | - | - | - | - | - | - | - | - | - | - | - | - |
| 63 | - | - | - | - | - | - | - | 5 | 5 | - | - | - |
| Total % | 455 | 545 | 1000 | 270 | 730 | 1000 | 332 | 668 | 1000 | 200 | 800 | 1000 |
| Serial Numbers | - | - | 146 | - | - | 147 | - | - | 148 | - | - | 151 |
| Number of Samples | - | - | 1 | - | - | 1 | - | - | 1 | - | - | 1 |
| Number of Fish Measured | 91 | 109 | 200 | 27 | 73 | 100 | 67 | 136 | 203 | 20 | 80 | 100 |
| Mean Length (cm) | 41.05 | 47.67 | 44.66 | 42.56 | 46.00 | 45.07 | 39.91 | 42.98 | 41.96 | 45.85 | 48.81 | 48.22 |
| Mean Weight (kg) | - | - | 0.66 | - | - | 0.59 | - | - | 0.54 | - | - | 0.91 |
| Total Weight Landed (tons) | - | - | - | - | - | - | - | - | - | - | - | - |
| Estimated Number Landed | - | - | - | - | - | - | - | - | - | - | - | - |
| Mesh(mm) or Hook(no.) Size ¹ | - | - | 4 1/2 ¹ | - | - | 4 3/4 ¹ | - | - | 5 ¹ | - | - | 4 1/2 ¹ |
| Range of Depths (fm) | - | - | -110-130 | - | - | 50-90 | - | - | 150 | - | - | 90-108 |

¹ Mesh size - inches

TABLE 107

LENGTH FREQUENCIES - YELLOWTAIL - 3L - 1965

(FREQUENCIES IN %/OO - 1 CM GROUPS)

| GEAR | Otter Trawl | | |
|----------------------------|-------------|---|-------------|
| | (Research) | | |
| CATCHES/LANDINGS | Catches | | |
| MONTH | June | | |
| COUNTRY | Poland | | |
| SEX | ♂ | ♀ | Tot. |
| TONNAGE | 501-900 | | |
| 31 | - | - | 2.8 |
| 32 | - | - | 5.6 |
| 33 | - | - | 8.4 |
| 34 | - | - | 19.6 |
| 35 | - | - | 36.5 |
| 36 | - | - | 103.9 |
| 37 | - | - | 112.3 |
| 38 | - | - | 168.5 |
| 39 | - | - | 168.5 |
| 40 | - | - | 148.8 |
| 41 | - | - | 92.6 |
| 42 | - | - | 75.8 |
| 43 | - | - | 22.4 |
| 44 | - | - | 19.6 |
| 45 | - | - | 11.2 |
| 46 | - | - | 2.8 |
| Total %/oo | - | - | 1000 |
| Serial Numbers | - | - | - |
| Number of Samples | - | - | 1 |
| Number of Fish Measured | - | - | 356 |
| Mean Length (cm) | - | - | 41.9 |
| Mean Weight (kg) | - | - | - |
| Total Weight Landed (tons) | - | - | - |
| Estimated Number Landed | - | - | 108.9-128.5 |
| Mesh(mm) or Hook(no.) Size | - | - | 43.74 |
| Range of Depths (fm) | - | - | - |

TABLE 108

LENGTH FREQUENCIES - WITCH - 3N - 1965

(FREQUENCIES IN ‰ - 1 CM GROUPS)

| GEAR | Otter Trawl (Commercial) | | | | | | | | |
|----------------------------|-----------------------------|-------|--------------------|-------|-------|--------------------|-----------|-------|--------------------|
| | Landings After Discard | | | | | | | | |
| CATCHES/LANDINGS | February | | | March | | | September | | |
| MONTH | Canada (Newfoundland) | | | | | | | | |
| COUNTRY | | | | | | | | | |
| SEX | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. |
| TONNAGE | 151-500 | | | | | | | | |
| 25 | - | 2 | 2 | - | - | - | - | - | - |
| 26 | - | - | - | - | - | - | - | - | - |
| 27 | - | - | - | - | 1 | 1 | - | - | - |
| 28 | - | 5 | 5 | - | - | - | 5 | - | 5 |
| 29 | 2 | 5 | 7 | - | 3 | 3 | - | - | - |
| 30 | 5 | 2 | 7 | 2 | 1 | 3 | - | - | - |
| 31 | 5 | 12 | 17 | 7 | 6 | 13 | - | - | - |
| 32 | 12 | 9 | 21 | 8 | 10 | 18 | 5 | 11 | 16 |
| 33 | 9 | 17 | 26 | 7 | 8 | 15 | - | - | - |
| 34 | 9 | 19 | 28 | 16 | 10 | 26 | 11 | 11 | 22 |
| 35 | 14 | 21 | 35 | 16 | 14 | 30 | 16 | 16 | 32 |
| 36 | 19 | 17 | 36 | 14 | 14 | 28 | 11 | 16 | 27 |
| 37 | 28 | 7 | 35 | 29 | 13 | 42 | 11 | 16 | 27 |
| 38 | 28 | 19 | 47 | 27 | 13 | 40 | 11 | 16 | 27 |
| 39 | 43 | 12 | 55 | 35 | 28 | 63 | 27 | 16 | 43 |
| 40 | 57 | 24 | 81 | 54 | 34 | 88 | 27 | 38 | 65 |
| 41 | 31 | 40 | 71 | 64 | 31 | 95 | 27 | 71 | 98 |
| 42 | 31 | 85 | 116 | 55 | 53 | 108 | 22 | 109 | 131 |
| 43 | 28 | 69 | 97 | 27 | 67 | 94 | 27 | 114 | 141 |
| 44 | 12 | 59 | 71 | 14 | 75 | 89 | 11 | 87 | 98 |
| 45 | 5 | 76 | 81 | 3 | 69 | 72 | 11 | 65 | 76 |
| 46 | 2 | 71 | 73 | 3 | 74 | 77 | - | 87 | 87 |
| 47 | - | 54 | 54 | - | 50 | 50 | - | 49 | 49 |
| 48 | - | 24 | 24 | 1 | 25 | 26 | - | 38 | 38 |
| 49 | - | 9 | 9 | - | 10 | 10 | - | 16 | 16 |
| 50 | - | 2 | 2 | - | 6 | 6 | - | - | - |
| 51 | - | - | - | - | 5 | 5 | - | - | - |
| Total ‰ | 340 | 660 | 1000 | 382 | 620 | 1002 | 222 | 776 | 998 |
| Serial Numbers | - | - | - | - | - | - | - | - | - |
| Number of Samples | - | - | 2 | - | - | 5 | - | - | 1 |
| Number of Fish Measured | - | - | 423 | - | - | 1153 | - | - | 184 |
| Mean Length (cm) | 38.83 | 41.98 | 40.91 | 39.35 | 42.70 | 41.40 | 39.41 | 42.86 | 42.11 |
| Mean Weight (kg) | - | - | 0.80 | - | - | 0.82 | - | - | 1.26 |
| Total Weight Landed (tons) | - | - | 73.0 | - | - | 178.1 | - | - | 203.4 |
| Estimated Number Landed | - | - | 91462 | - | - | 217813 | - | - | 161978 |
| Mesh(mm) or Hook(no.) Size | - | - | 4 1/2 ¹ | - | - | 4 1/2 ² | - | - | 4 1/8 ¹ |
| Range of Depths (fm) | - | - | 32-38 | - | - | 28-38 | - | - | 38 |

¹ Mesh size - nylon, inches² Mesh size - manilla and nylon, inches

TABLE 108
(cont'd)

LENGTH FREQUENCIES - YELLOWTAIL - 3N - 1965

(FREQUENCIES IN ‰/‰ - 1 CM GROUPS)

| GEAR | Otter Trawl | | | | | | | | |
|----------------------------|------------------------|-------|--------------------|----------|-------|----------------------|----------|-------|----------------------|
| | (Commercial) | | | | | | | | |
| CATCHES/LANDINGS | Landings After Discard | | | | | | | | |
| MONTH | October | | | November | | | December | | |
| COUNTRY | Canada (Newfoundland) | | | | | | | | |
| SEX | ♂ | ♀ | Tot. | ♂ | ♀ | Tot. | ♂ | ♀ | Tot. |
| TONNAGE | 151-500 | | | | | | | | |
| 25 | - | - | - | 1 | - | 1 | - | 2 | 2 |
| 26 | - | - | - | 1 | - | 1 | - | 2 | 2 |
| 27 | - | - | - | 1 | 1 | 2 | 5 | - | 5 |
| 28 | - | - | - | 3 | 1 | 4 | 2 | 7 | 9 |
| 29 | 8 | - | 8 | 2 | 4 | 6 | 2 | 5 | 7 |
| 30 | - | 8 | 8 | 4 | 2 | 6 | 5 | 9 | 14 |
| 31 | - | 4 | 4 | 7 | 12 | 19 | 7 | 16 | 23 |
| 32 | 8 | - | 8 | 12 | 6 | 18 | 16 | 14 | 30 |
| 33 | 12 | 29 | 41 | 19 | 13 | 32 | 23 | 28 | 51 |
| 34 | 17 | 8 | 25 | 16 | 12 | 28 | 39 | 32 | 71 |
| 35 | 17 | 12 | 29 | 17 | 25 | 42 | 32 | 39 | 71 |
| 36 | 29 | 29 | 58 | 22 | 18 | 40 | 46 | 30 | 76 |
| 37 | 25 | 37 | 62 | 28 | 15 | 43 | 25 | 21 | 46 |
| 38 | 25 | 29 | 54 | 44 | 33 | 77 | 11 | 34 | 45 |
| 39 | 42 | 37 | 79 | 37 | 39 | 76 | 25 | 37 | 62 |
| 40 | 33 | 37 | 70 | 47 | 38 | 85 | 57 | 48 | 105 |
| 41 | 29 | 42 | 71 | 32 | 60 | 92 | 34 | 50 | 84 |
| 42 | 21 | 91 | 112 | 28 | 55 | 83 | 18 | 46 | 64 |
| 43 | 4 | 66 | 70 | 23 | 63 | 86 | 7 | 67 | 74 |
| 44 | - | 87 | 87 | 9 | 67 | 76 | 5 | 50 | 55 |
| 45 | 4 | 75 | 79 | 5 | 64 | 69 | - | 37 | 37 |
| 46 | 4 | 42 | 46 | 2 | 49 | 51 | - | 32 | 32 |
| 47 | - | 37 | 37 | - | 22 | 22 | - | 18 | 18 |
| 48 | - | 29 | 29 | - | 26 | 26 | - | 14 | 14 |
| 49 | - | 17 | 17 | - | 6 | 6 | - | 2 | 2 |
| 50 | - | 4 | 4 | - | 2 | 2 | - | - | - |
| 51 | - | - | - | - | 3 | 3 | - | - | - |
| Total ‰/‰ | 278 | 720 | 998 | 360 | 635 | 996 | 359 | 640 | 999 |
| Serial Numbers | - | - | - | - | - | - | - | - | - |
| Number of Samples | - | - | 1 | - | - | 5 | - | - | 2 |
| Number of Fish Measured | - | - | 241 | - | - | 937 | - | - | 436 |
| Mean Length (cm) | 37.91 | 41.83 | 40.75 | 38.09 | 41.51 | 40.28 | 36.94 | 39.63 | 38.66 |
| Mean Weight (kg) | - | - | 0.70 | - | - | 0.69 | - | - | 0.58 |
| Total Weight Landed (tons) | - | - | 524.0 | - | - | 259.2 | - | - | 260.9 |
| Estimated Number Landed | - | - | 747669 | - | - | 375990 | - | - | 448984 |
| Mesh(mm) or Hook(no.) Size | - | - | 4 1/2 ¹ | - | - | 4 1/8-5 ² | - | - | 4 1/2-5 ³ |
| Range of Depths (fm) | - | - | 35-50 | - | - | 24-40 | - | - | 23-55 |

Mesh size:

- 1 Drylene, inches
- 2 Manila and nylon, inches
- 3 Polypropylene, inches

TABLE 109 LENGTH FREQUENCIES - YELLOWTAIL - 30 - 1965

(FREQUENCIES IN ‰ - 1 CM GROUPS)

| GEAR | Otter Trawl | | |
|----------------------------|-------------|---|-------------|
| CATCHES/LANDINGS | (Research) | | |
| MONTH | Catches | | |
| COUNTRY | May | | |
| SEX | Poland | | |
| TONNAGE | ‰ | ‰ | Tot. |
| | 501-900 | | |
| 21 | - | - | 2.0 |
| 22 | - | - | 2.0 |
| 23 | - | - | 1.0 |
| 24 | - | - | 1.0 |
| 25 | - | - | 4.1 |
| 26 | - | - | 5.2 |
| 27 | - | - | 6.2 |
| 28 | - | - | 3.1 |
| 29 | - | - | 7.2 |
| 30 | - | - | 17.0 |
| 31 | - | - | 23.0 |
| 32 | - | - | 49.0 |
| 33 | - | - | 36.4 |
| 34 | - | - | 57.2 |
| 35 | - | - | 88.5 |
| 36 | - | - | 104.1 |
| 37 | - | - | 142.0 |
| 38 | - | - | 130.0 |
| 39 | - | - | 72.0 |
| 40 | - | - | 113.5 |
| 41 | - | - | 58.3 |
| 42 | - | - | 38.5 |
| 43 | - | - | 20.0 |
| 44 | - | - | 9.3 |
| 45 | - | - | 3.1 |
| 46 | - | - | 2.0 |
| 47 | - | - | 2.0 |
| 48 | - | - | 3.1 |
| Total ‰ | - | - | 1000 |
| Serial Numbers | - | - | - |
| Number of Samples | - | - | 2 |
| Number of Fish Measured | - | - | 960 |
| Mean Length (cm) | - | - | 36.5 |
| Mean Weight (kg) | - | - | - |
| Total Weight Landed (tons) | - | - | - |
| Estimated Number Landed | - | - | - |
| Mesh(mm) or Hook(no.) Size | - | - | 108.9-128.5 |
| Range of Depths (fm) | - | - | 43.74 |

TABLE 110

LENGTH FREQUENCIES - YELLOWTAIL - 4Vs - 1965

(FREQUENCIES IN ‰ - 1 CM GROUPS)

| GEAR | Otter Trawl | | | | | |
|----------------------------|--------------------|-------|--------------------|---------|-------|--------------------|
| | (Commercial) | | | | | |
| CATCHES/LANDINGS | Landings | | | | | |
| MONTH | June | | | October | | |
| COUNTRY | Canada (Maritimes) | | | | | |
| SEX | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. |
| TONNAGE | 151-500 | | | | | |
| 23 | - | - | - | 5 | - | 5 |
| 24 | - | - | - | 5 | - | 5 |
| 25 | - | - | - | - | - | - |
| 26 | - | - | - | - | 5 | 5 |
| 27 | - | - | - | 15 | - | 15 |
| 28 | - | - | - | 5 | - | 5 |
| 29 | - | - | - | 20 | 5 | 25 |
| 30 | - | 5 | 5 | 45 | - | 45 |
| 31 | 30 | - | 30 | 40 | 5 | 45 |
| 32 | 20 | - | 20 | 65 | - | 65 |
| 33 | 10 | 5 | 15 | 55 | 15 | 70 |
| 34 | 25 | 10 | 35 | 60 | 15 | 75 |
| 35 | 60 | 10 | 70 | 55 | 20 | 75 |
| 36 | 95 | 35 | 130 | 65 | 35 | 100 |
| 37 | 55 | 25 | 80 | 25 | 40 | 65 |
| 38 | 30 | 25 | 55 | 15 | 50 | 65 |
| 39 | 45 | 40 | 85 | 15 | 40 | 55 |
| 40 | 30 | 50 | 80 | 5 | 50 | 55 |
| 41 | 25 | 50 | 75 | 5 | 30 | 35 |
| 42 | 10 | 65 | 75 | 10 | 35 | 45 |
| 43 | - | 45 | 45 | 5 | 5 | 10 |
| 44 | - | 40 | 40 | - | 30 | 30 |
| 45 | 10 | 15 | 25 | - | 20 | 20 |
| 46 | - | 40 | 40 | 10 | 15 | 25 |
| 47 | - | 35 | 35 | - | 20 | 20 |
| 48 | - | 25 | 25 | 5 | 5 | 10 |
| 49 | - | 10 | 10 | - | 5 | 5 |
| 50 | - | 20 | 20 | - | 10 | 10 |
| 51 | - | - | - | - | 10 | 10 |
| 52 | - | - | - | 5 | - | 5 |
| 53 | - | 5 | 5 | - | - | - |
| Total ‰ | 445 | 555 | 1000 | 535 | 465 | 1000 |
| Serial Numbers | - | - | 152 | - | - | 153 |
| Number of Samples | - | - | 1 | - | - | 1 |
| Number of Fish Measured | 89 | 111 | 200 | 107 | 93 | 200 |
| Mean Length (cm) | 36.62 | 41.96 | 39.58 | 34.07 | 39.99 | 36.82 |
| Mean Weight (kg) | - | - | 0.55 | - | - | 0.53 |
| Total Weight Landed (tons) | - | - | - | - | - | - |
| Estimated Number Landed | - | - | - | - | - | - |
| Mesh(mm) or Hook(no.) Size | - | - | 4 5/8 ¹ | - | - | 4 5/8 ¹ |
| Range of Depths (fm) | - | - | 30-40 | - | - | 20-34 |

¹ Mesh size - inches

| YEAR | Otter Trawl | | |
|----------------------------|-------------|----------|-------------|
| CATCHES/LANDINGS | (Research) | | |
| MONTH | Catch | | |
| COUNTRY | May | | |
| SEX | σ | σ | Tot. |
| TONNAGE | 501-900 | | |
| 17 | - | - | 3.0 |
| 18 | - | - | 2.4 |
| 19 | - | - | 1.5 |
| 20 | - | - | 3.7 |
| 21 | - | - | 12.0 |
| 22 | - | - | 19.0 |
| 23 | - | - | 14.6 |
| 24 | - | - | 18.0 |
| 25 | - | - | 43.3 |
| 26 | - | - | 56.4 |
| 27 | - | - | 63.5 |
| 28 | - | - | 81.6 |
| 29 | - | - | 80.0 |
| 30 | - | - | 90.6 |
| 31 | - | - | 84.4 |
| 32 | - | - | 63.2 |
| 33 | - | - | 41.0 |
| 34 | - | - | 29.0 |
| 35 | - | - | 43.6 |
| 36 | - | - | 42.6 |
| 37 | - | - | 31.7 |
| 38 | - | - | 36.4 |
| 39 | - | - | 22.4 |
| 40 | - | - | 35.0 |
| 41 | - | - | 21.0 |
| 42 | - | - | 16.0 |
| 43 | - | - | 13.3 |
| 44 | - | - | 8.1 |
| 45 | - | - | 8.5 |
| 46 | - | - | 5.2 |
| 47 | - | - | 4.3 |
| 48 | - | - | 2.1 |
| 49 | - | - | 1.5 |
| 50 | - | - | 0.6 |
| 51 | - | - | 0.5 |
| Total σ/σ | - | - | 1000 |
| Serial Numbers | - | - | - |
| Number of Samples | - | - | 3 |
| Number of Fish Measured | - | - | 3209 |
| Mean Length (cm) | - | - | 31.6 |
| Mean Weight (kg) | - | - | - |
| Total Weight Landed (tons) | - | - | - |
| Estimated Number Landed | - | - | - |
| Mesh(mm) or Hook(no.) Size | - | - | 108.9-128.5 |
| Range of Depths (fm) | - | - | 32.81-54.68 |

TABLE 112

LENGTH FREQUENCIES - WINTER FLOUNDER - 4T - 1965

(FREQUENCIES IN ‰ - 1 CM GROUPS)

| GEAR | Otter Trawl (Commercial) | | | | | |
|----------------------------|-----------------------------|----|--------------------|----------|-------|--------------------|
| | Landings | | | | | |
| CATCHES/LANDINGS | October | | | November | | |
| MONTH | Canada (Maritimes) | | | | | |
| COUNTRY | ♂♂ | ♀♀ | Tot. | ♂♂ | ♀♀ | Tot. |
| SEX | 26-50 and 51-150 | | | 51-150 | | |
| TONNAGE | | | | | | |
| 24 | - | - | 8 | - | - | - |
| 25 | - | - | 16 | 5 | - | 5 |
| 26 | - | - | 51 | - | - | - |
| 27 | - | - | 100 | 10 | 5 | 15 |
| 28 | - | - | 119 | 5 | 5 | 10 |
| 29 | - | - | 124 | 20 | 15 | 35 |
| 30 | - | - | 138 | 20 | 35 | 55 |
| 31 | - | - | 108 | 10 | 65 | 75 |
| 32 | - | - | 94 | 10 | 80 | 90 |
| 33 | - | - | 62 | 30 | 65 | 95 |
| 34 | - | - | 75 | 10 | 100 | 110 |
| 35 | - | - | 51 | 20 | 95 | 115 |
| 36 | - | - | 24 | 10 | 85 | 95 |
| 37 | - | - | 13 | - | 60 | 60 |
| 38 | - | - | 11 | 5 | 85 | 90 |
| 39 | - | - | - | - | 60 | 60 |
| 40 | - | - | 5 | - | 25 | 25 |
| 41 | - | - | - | - | 20 | 20 |
| 42 | - | - | - | - | - | - |
| 43 | - | - | - | - | 5 | 5 |
| 44 | - | - | - | - | 15 | 15 |
| 45 | - | - | - | - | - | - |
| 46 | - | - | - | - | 5 | 5 |
| 47 | - | - | - | - | - | - |
| Total ‰ | - | - | 999 | 155 | 845 | 1000 |
| Serial Numbers | - | - | 158-159 | - | - | 158 |
| Number of Samples | - | - | 2 | - | - | 1 |
| Number of Fish Measured | - | - | 371 | 31 | 169 | 200 |
| Mean Length (cm) | - | - | 30.42 | 31.77 | 35.32 | 34.77 |
| Mean Weight (kg) | - | - | 0.41 | - | - | 0.51 |
| Total Weight Landed (tons) | - | - | - | - | - | - |
| Estimated Number Landed | - | - | - | - | - | 4 1/2 ¹ |
| Mesh(mm) or Hook(no.) Size | - | - | 4 1/2 ¹ | - | - | 15-25 |
| Range of Depths (fm) | - | - | 12-22 | - | - | - |

¹ Mesh size - inches

TABLE 113

LENGTH FREQUENCIES - WINTER FLOUNDER - 4X - 1965

(FREQUENCIES IN % - 1 CM GROUPS)

| GEAR | Otter Trawl | | |
|----------------------------|--------------------|-------|--------------------|
| | (Commercial) | | |
| CATCHES/LANDINGS | Landings | | |
| MONTH | July | | |
| COUNTRY | Canada (Maritimes) | | |
| SEX | ♂ | ♀ | Tot. |
| TONNAGE | 0-25 | | |
| 22 | - | 12 | 12 |
| 23 | - | - | - |
| 24 | 18 | - | 18 |
| 25 | 25 | - | 25 |
| 26 | 19 | - | 19 |
| 27 | 68 | - | 68 |
| 28 | 37 | - | 37 |
| 29 | 43 | 12 | 55 |
| 30 | 18 | 6 | 24 |
| 31 | 25 | 6 | 31 |
| 32 | 19 | - | 19 |
| 33 | 49 | - | 49 |
| 34 | 31 | 12 | 43 |
| 35 | 25 | 31 | 56 |
| 36 | 18 | 25 | 43 |
| 37 | 19 | 68 | 87 |
| 38 | - | 31 | 31 |
| 39 | - | 74 | 74 |
| 40 | - | 18 | 18 |
| 41 | - | 31 | 31 |
| 42 | - | 62 | 62 |
| 43 | - | 43 | 43 |
| 44 | 6 | 25 | 31 |
| 45 | - | 37 | 37 |
| 46 | - | 19 | 19 |
| 47 | - | 12 | 12 |
| 48 | - | 25 | 25 |
| 49 | - | 6 | 6 |
| 50 | - | 12 | 12 |
| 51 | - | 6 | 6 |
| 52 | - | - | - |
| 53 | - | - | - |
| 54 | - | - | - |
| 55 | - | 6 | 6 |
| Total %/oo | 420 | 579 | 999 |
| Serial Numbers | - | - | 160 |
| Number of Samples | - | - | 1 |
| Number of Fish Measured | 68 | 94 | 162 |
| Mean Length (cm) | 30.37 | 40.29 | 36.12 |
| Mean Weight (kg) | - | - | 0.62 |
| Total Weight Landed (tons) | - | - | - |
| Estimated Number Landed | - | - | - |
| Mesh(mm) or Hook(no.) Size | - | - | 4 1/8 ¹ |
| Range of Depths (fm) | - | - | 15-20 |

¹ Mesh size - inches

TABLE 114

LENGTH FREQUENCIES - POLLOCK - 4W - 1965

(FREQUENCIES IN ‰ - 2 CM GROUPS)

| GEAR | Otter Trawl | |
|----------------------------|--------------------|--------------------|
| | (Commercial) | |
| CATCHES/LANDINGS | Landings | |
| MONTH | May | October |
| COUNTRY | Canada (Maritimes) | |
| TONNAGE | 151-500 | |
| 46 | 9 | - |
| 48 | 9 | 3 |
| 50 | 23 | 6 |
| 52 | 18 | 16 |
| 54 | 37 | 26 |
| 56 | 50 | 58 |
| 58 | 23 | 87 |
| 60 | 23 | 100 |
| 62 | 41 | 84 |
| 64 | 46 | 65 |
| 66 | 50 | 42 |
| 68 | 46 | 42 |
| 70 | 101 | 45 |
| 72 | 73 | 42 |
| 74 | 133 | 61 |
| 76 | 110 | 77 |
| 78 | 73 | 68 |
| 80 | 55 | 61 |
| 82 | 23 | 52 |
| 84 | 14 | 32 |
| 86 | 9 | 19 |
| 88 | 14 | 10 |
| 90 | 14 | 3 |
| 92 | 5 | - |
| Total ‰ | 999 | 999 |
| Serial Numbers | 134 | 135 |
| Number of Samples | 1 | 1 |
| Number of Fish Measured | 218 | 312 |
| Mean Length (cm) | 70.34 | 69.00 |
| Mean Weight (kg) | 4.03 | 3.85 |
| Total Weight Landed (tons) | - | - |
| Estimated Number Landed | - | - |
| Mesh(mm) or Hook(no.) Size | 4 1/2 ¹ | 4 1/2 ¹ |
| Range of Depths (fm) | 45-55 | 70-90 |

¹ Mesh size - inches

| GEAR | Otter Trawl (Commercial) | |
|----------------------------|-----------------------------|--------------------------|
| | Landings | |
| CATCHES/LANDINGS | | |
| MONTH | September | October |
| COUNTRY | Canada (Maritimes) | |
| TONNAGE | 151-500 | |
| 44 | - | 2 |
| 46 | - | 3 |
| 48 | - | 7 |
| 50 | - | 5 |
| 52 | - | 9 |
| 54 | 27 | 21 |
| 56 | 20 | 21 |
| 58 | 14 | 47 |
| 60 | 41 | 73 |
| 62 | 109 | 61 |
| 64 | 88 | 24 |
| 66 | 116 | 24 |
| 68 | 54 | 26 |
| 70 | 109 | 61 |
| 72 | 82 | 63 |
| 74 | 95 | 52 |
| 76 | 82 | 83 |
| 78 | 54 | 83 |
| 80 | 34 | 85 |
| 82 | 20 | 56 |
| 84 | 20 | 61 |
| 86 | 7 | 38 |
| 88 | 7 | 35 |
| 90 | 14 | 26 |
| 92 | 7 | 19 |
| 94 | - | 5 |
| 96 | - | 3 |
| 98 | - | - |
| 100 | - | 3 |
| 102 | - | - |
| 104 | - | 2 |
| Total ‰ | 1000 | 998 |
| Serial Numbers | 131 | 132-133 |
| Number of Samples | 1 | 2 |
| Number of Fish Measured | 147 | 575 |
| Mean Length (cm) | 70.24 | 73.67 |
| Mean Weight (kg) | 5.55 | 5.09 |
| Total Weight Landed (tons) | - | - |
| Estimated Number Landed | - | - |
| Mesh(mm) or Hook(no.) Size | 4 1/2 ¹ | 4 5/8-4 7/8 ¹ |
| Range of Depths (fm) | 40-42 | 70-90 |

¹ Mesh size - inches