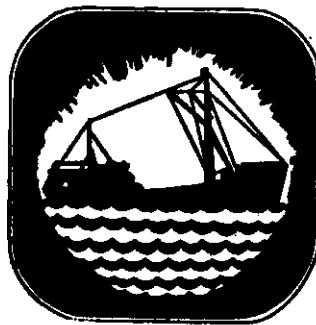


INTERNATIONAL COMMISSION

FOR THE

NORTHWEST ATLANTIC FISHERIES



SAMPLING YEARBOOK VOLUME 7

for the year 1962

Edited by B. F. CALVIN DEBAIE

Tables typed by Gertrude F. Schrader

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Dartmouth, N. S., Canada**

1964

SAMPLING YEARBOOK VOLUME 7

1962

Edited by B. F. CALVIN DEBAIE

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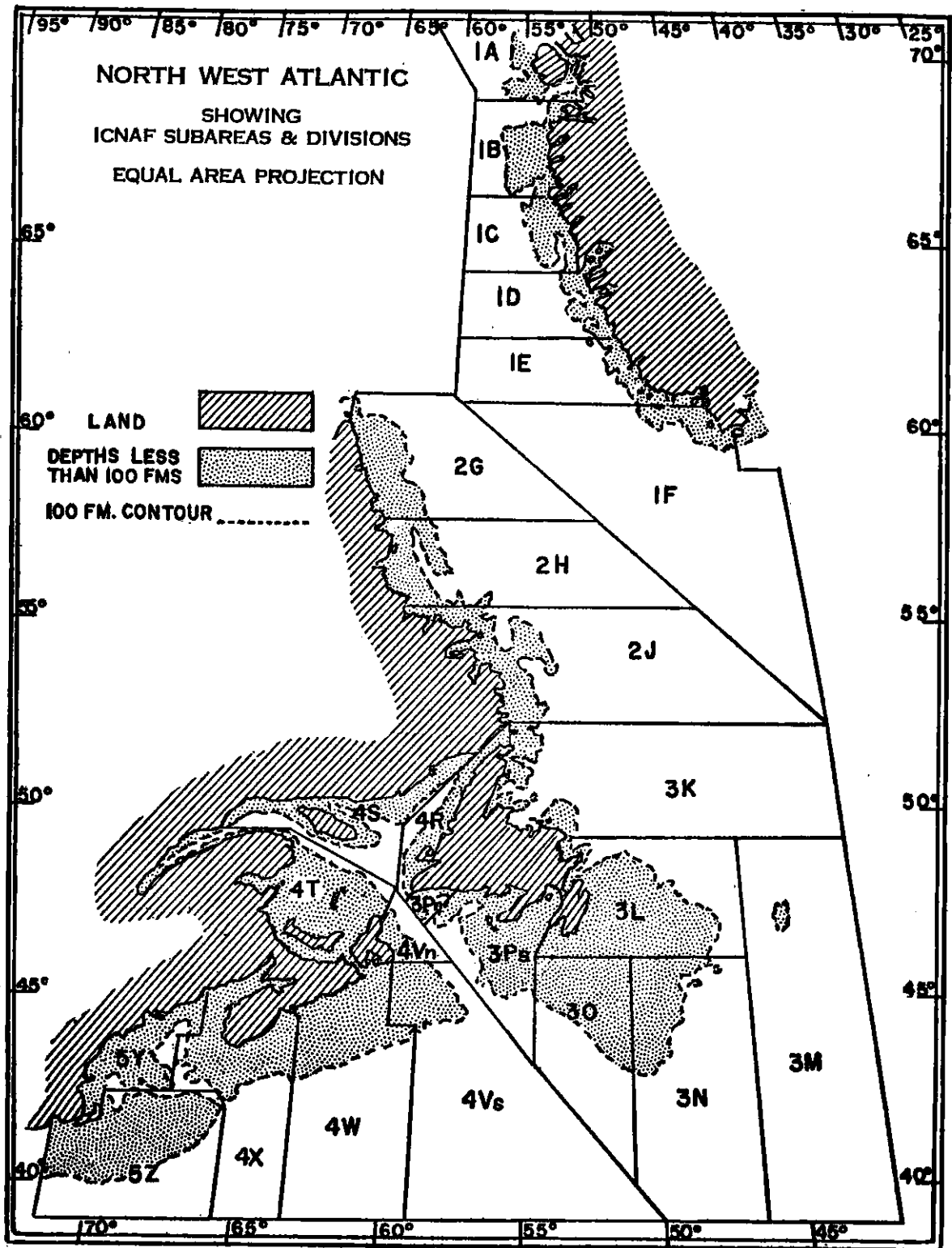
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1964



An Equal Area Map of the ICNAF Convention Area.

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INTRODUCTION

by B. F. Calvin DeBaie

This edition of the Sampling Yearbook summarises the data on lengths, ages and weights of cod, haddock, redfish, American plaice, witch, yellowtail, winter flounder, pollock, hake and cusk, which have been collected in 1962 to further the investigations of the fisheries and fish stocks of the Northwest Atlantic.

In earlier issues it had been the practice of the Commission to publish all data for length frequencies, age frequencies and age/length keys or frequencies, but with the increase in the amount of sampling data, submitted by countries, the Sampling Yearbook has grown extensively in size and it was therefore recommended by the Subcommittee that Age/length keys and frequencies be not published. These have been deposited with the Secretariat and will be made available in mimeographed form to Working Groups and individuals on request. The available data by species is published in table form in its applicable section in the volume.

A further deviation in the presentation of tables from that of earlier years and first introduced in Volume 6 has come about as the result of a recommendation made by the Commission in 1961, which requested that the order of break-down should be: SPECIES, AREA, GEAR, MONTH, COUNTRY. This should greatly facilitate the use of this publication by bringing it more in line with the order found in the Statistical Bulletin.

As the result of this change, many innovations had to be introduced in order to bring the inconsistent reporting into a more comparable form. It should also be noted that the Guide to Tables has been again dispensed with since the new order of break-down has made the data more accessible and no need for indexing. All this, it is hoped, has been intended for the better.

Samples are taken either on shore from commercial landings or at sea from the catches of commercial or research vessels. Where the commercial vessel catch is sampled at sea, the samples are taken either before or after the discarding of small, unmarketable fish. In sampling the landings, samples are usually taken from each of the size categories in which the fish are landed, and the overall length frequency estimated by pooling the samples after weighting by the quantity of fish landed in each size category. Since sampling practices vary among countries, some further "Notes on the Sampling Data" are given, following this introduction.

It is the intention of the Commission that the data incorporated in the Sampling Yearbook should be readily intercomparable. To this end, the Commission recommended that the fork length recorded to the nearest centimetre be adopted as the standard measure. It further recommended that the length measurements should be reported by 3-centimetre groups for the cod, by 2-centimetre groups for the haddock and by centimetres

for the redfish and flounder and that all frequencies be in a per mille basis. Two methods of measuring fish are now in common use in the Convention Area: the one is the standard measure noted above, which is extensively used in Subareas 2, 3, 4 and 5; the other is the total length measured to the centimetre below, which is used by a few of the countries fishing in Subarea 1. Measuring to the total length gives a greater length than the standard, but this is compensated to some extent when measuring to the centimetre below, which gives a lesser length. Because of the very small differences involved and the limited data available to establish conversion factors, no conversions to standard measure have been made.

For each length or age frequency the following data are reported if available:

Serial Numbers:	The serial numbers (as given by the scientist reporting the data) of the samples on which the frequencies are based.
Number of Samples:	The number of samples on which the frequencies are based.
Number of Fish Measured or Aged:	The total number of fish measured in all the samples on which the frequencies are based.
Mean Length (cm) or Mean Age:	The estimated mean length or age of the catches or landings represented by their frequencies.
Mean Weight (kg):	Given as round, fresh weight unless otherwise noted.
Total Wt. Landed (tons):	The total commercial landings reported in the ICNAF Statistical Bulletin for the month/division, gear and country to which the frequencies refer.
Estimated No.	This figure is calculated by dividing the total weight landed by the mean weight.
Mesh or Hook Size:	The mesh size is given in inches or millimetres and is the internal, stretched diameter of the wet, used mesh unless otherwise stated. (The magnitude of the figure will indicate the unit.) Hook sizes are given as the code numbers by which the hooks are sold. (The size of the hook is preceded by the abbreviation "no.")

Range of Depths:

Given in fathoms (fm). For landings, the depths are given at which fishing has taken place on the trip from which the samples were taken. For catches sampled at sea, the depths are given of the individual sets from which the samples were taken.

NOTES ON THE SAMPLING DATA

Canada (Maritimes and Quebec)

Reported by A. C. Kohler
 D. N. Fitzgerald
 A. Marcotte
 P. Albert

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 and from sampling to measure discarding 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 long lines by Quebec.

Canada (Newfoundland)

Reported by A. M. Fleming
 A. W. May
 C. J. Elms

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

Measurements are of fork length recorded to the nearest centimeter 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 number per mille, but are otherwise unadjusted.

The mesh sizes are difficult to sort since manilla and nylon can be used on the same trip and frequencies cannot be separated according to type of twine and size of mesh. The mesh size given is often that of the dry size which was quoted to the fisherman when first purchased and before it was used.

Denmark (Faroes)

Reported by J. S. Joensen

Faroes investigations of commercial cod catches were undertaken and reported to the Secretariat for the first time in 1959. Samples of cod have been taken from commercial catches by otter trawl.

Denmark (Greenland)

Reported by Paul M. Hansen

Samples of cod have been taken from the inshore catches of commercial and research vessels and from the offshore catches of research vessels. The samples are not pooled. Samples of redfish have been taken by shrimp trawls by research vessels. Length measurements are made of the total length (end of tail lobes) and recorded to the centimetre below. Age frequencies, mean size at each age and age/length keys are also reported.

Germany

Reported by Arno Meyer

Age and length frequencies and age/length keys of cod, which were taken from the catches and landings of commercial and research otter trawlers, have been reported for the Convention Area.

Length Measurements are made of the total length (end of tail lobes) and recorded to the centimetre below. The length frequencies are reported to the Commission in standard 3-centimetre groups.

Where sampling of cod is carried out on shore at the market, each of the three size categories landed is sampled separately, and the final length frequency is calculated by weighting each length frequency by the quantity landed in the size category and then pooling the frequencies. Redfish are measured in the whole round state, except for a few large ones. Otoliths are taken according to length of fish.

Norway

Reported by E. Bratberg

Length frequencies, age frequencies with mean size at each age and age/length keys are reported for cod.

Lengths are reported by the standard 3-centimetre grouping and the age frequencies and age/length keys are given by sexes.

Measurements are made of the fork length to the nearest centimetre.

Portugal

Reported by Ruy Monteiro

Sampling at sea of the cod catches (before discarding under-sized fish) of the Portuguese otter trawlers has been carried out in 1962. Length frequencies, age frequencies (based on otoliths) with mean size at each age and age/length frequencies by sexes are included in the data reported.

Length measurements are made of the fork length recorded to the nearest centimetre. Samples are not weighted by the quantity caught; when taken on the same fishing bank at the same time, they are generally pooled.

Spain

Reported by O. Rodriguez M.

Length frequencies of the cod catches of the Spanish otter trawlers collected at sea for the year 1962 are reported. Samples are taken from the commercial catch before discarding.

Length measurements are made of the fork length recorded to the nearest centimetre. Length frequencies are reported in the standard 3-centimetre groups as used by ICNAF. Samples are not weighted according to the quantity caught, but are pooled by month/divisions.

Union of Soviet Socialist Republics

Reported by Ju. Ju. Marty

The length and age frequencies of cod, haddock, redfish and silver hake catches are reported. Samples are taken at sea, before discarding, from the catches of exploratory and commercial otter trawlers.

United Kingdom

Reported by R.J.H. Beverton

The length composition of the cod catches and landings of the United Kingdom otter trawlers from Subareas 1, 2 and 3 is reported. Measurements are made of the total length to the centimetre below. Samples are taken of each of the size categories into which the landings are divided; the length frequencies so obtained are then pooled, after weighting by the quantity of fish in the category from which they are taken.

United States

Reported by H. W. Graham

(a) Cod: Subarea 5, Otter Trawlers

Each length frequency sample is weighted by the weighout of the landing from which it was obtained (by market category for large, market and scrod; by total cod for mixed). The resulting length frequencies are totalled and weighted by total United States cod landings for otter trawlers by month. These numbers are in turn combined into length frequencies for total United States otter trawl cod landings for each month. The percentage of fish for each centimetre interval is then computed, combined into 3-centimetre groups, and finally converted to parts per thousand.

(b) Haddock

Reported by J. A. McCann
(U. S. A.)
F. A. Dreyer
(U. S. A.)
A. C. Kohler
(Canada)
D. N. Fitzgerald
(Canada)

The length frequency samples for each month by market category are pooled and the resulting frequency weighted by the total quantity of each category landed from each unit area. The weighted numbers of fish of each category are then pooled to obtain the total frequency for haddock for each month to each division.

Length frequencies of haddock by quarters are reported under the United States/Canada Co-operative Programme.

Haddock biostatistical records are reported by the "haddock year": namely, February 1st to January 31st of the following year. The haddock's birthday is taken as February 1st.

TABLE 1

LENGTH FREQUENCIES - COD - 18 - 1962

(FREQUENCIES IN % - 3 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)					
	CATCHES	CATCHES AFTER DISCARD				
CATCHES/LANDINGS	AUGUST	JUNE	AUGUST	SEPTEMBER	NOVEMBER	DECEMBER
MONTH	AUGUST	JUNE	AUGUST	SEPTEMBER	NOVEMBER	DECEMBER
COUNTRY	SPAIN	UNITED KINGDOM				
TONNAGE	NR	OVER 1800				
33-35	-	-	3	-	-	-
36-38	-	-	6	-	-	-
39-41	10	-	3	-	1	-
42-44	27	8	5	14	3	13
45-47	32	21	15	39	12	42
48-50	46	99	37	49	19	65
51-53	92	109	63	32	17	94
54-56	134	102	70	34	20	44
57-59	116	113	97	80	50	9
60-62	123	105	199	92	127	35
63-65	124	119	172	123	218	35
66-68	196	80	108	124	230	132
69-71	89	53	71	104	129	132
72-74	45	32	47	78	73	35
75-77	21	42	38	78	35	79
78-80	8	29	41	51	37	59
81-83	-	36	31	36	11	79
84-86	1	26	21	28	12	44
87-89	-	9	22	22	2	62
90-92	-	10	8	13	3	35
93-95	1	2	1	4	1	-
96-98	-	-	2	-	-	-
99-101	-	4	-	-	-	9
TOTAL %	999	999	1000	1001	1000	997
SERIAL NUMBERS	-	-	-	-	-	-
NUMBER OF SAMPLES	3	2	12	3	5	1
NUMBER OF FISH MEASURED	627	349	2940	829	1452	189
MEAN LENGTH (CM)	60.2	-	-	-	-	-
MEAN WEIGHT (KG)	-	-	-	-	-	-
TOTAL WEIGHT LANDED (TONS)	28	55	271	36	185	28
ESTIMATED NUMBER LANDED	-	25400	111140	13570	72400	7580
MESH SIZE (MM)	120	-	-	-	-	-
RANGE OF DEPTHS (FM)	19-55	-	-	-	-	-

TABLE 1
(CONT'D)

LENGTH FREQUENCIES - COD - 18 - 1962

(FREQUENCIES IN $^{\circ}/_{00}$ - 3 CM GROUPS)

GEAR	OTTER TRAWL			
	(COMMERCIAL)			(NR)
CATCHES/LANDINGS	LANDINGS			NR
MONTH	APRIL	APRIL	MAY	MAY
COUNTRY	DENMARK (F)	U.K.	DENMARK (F)	U.S.S.R.
TONNAGE	955	901-1800	955	NR
39-35	-	-	-	14
36-38	-	-	-	35
39-41	1	1	-	30
42-44	1	10	4	62
45-47	10	35	17	65
48-50	62	68	70	122
51-53	107	74	142	152
54-56	186	143	197	158
57-59	228	176	230	111
60-62	200	225	167	115
63-65	117	149	105	81
66-68	61	65	47	14
69-71	16	12	11	11
72-74	4	25	4	5
75-77	3	7	3	3
78-80	4	6	-	5
81-83	-	5	1	-
84-86	1	1	1	5
87-89	-	-	-	5
90-92	-	-	1	-
93-95	-	4	-	3
96-98	-	-	-	-
99-101	-	-	-	-
102-104	-	-	-	3
TOTAL $^{\circ}/_{00}$	1001	1000	1000	999
SERIAL NUMBERS	-	-	-	-
NUMBER OF SAMPLES	7	1	3	2
NUMBER OF FISH MEASURED	1563	359	1081	371
MEAN LENGTH (CM)	58.8	59.11	58.0	54.07
MEAN WEIGHT (KG)	-	-	-	-
TOTAL WEIGHT LANDED (TONS)	-	185	-	-
ESTIMATED NUMBER LANDED	-	119,793	-	-
MESH SIZE (MM)	-	-	-	-
RANGE OF DEPTHS (FM)	30-150	-	55-110	52-166

TABLE 1
(CONT'D)

LENGTH FREQUENCIES - COD - 18 - 1962

(FREQUENCIES IN 0/00 - 3 CM GROUPS)

GEAR	HAND LINE & LONG LINE		LINE				
	(NK)		(NK)				
CATCHES/LANDINGS	NK		CATCHES				
MONTH	JULY	JULY	JULY	JULY	AUGUST	AUGUST	SEPTEMBER
COUNTRY	DENMARK (6)		PORTUGAL				
TONNAGE	1)		1171				
36-38	-	2	-	-	-	1	-
39-41	10	-	3	-	4	28	10
42-44	5	4	7	2	8	36	5
45-47	5	17	7	10	24	50	40
48-50	15	24	37	23	36	78	30
51-53	55	82	94	43	78	108	85
54-56	65	134	97	59	110	142	91
57-59	101	161	194	100	172	163	161
60-62	126	194	187	122	166	132	151
63-65	65	151	120	107	120	99	146
66-68	60	100	50	81	92	60	60
69-71	65	44	30	46	36	25	50
72-74	45	25	13	23	16	18	30
75-77	50	14	17	36	30	23	50
78-80	55	17	17	43	32	12	35
81-83	70	14	30	49	24	8	30
84-86	50	8	20	49	20	11	-
87-89	40	2	7	36	6	5	15
90-92	35	1	17	48	10	2	5
93-95	20	1	13	36	4	-	-
96-98	-	1	3	20	8	1	5
99-101	10	1	10	20	2	-	-
102-104	10	-	7	8	-	-	-
105-107	10	1	3	8	-	-	-
108-110	5	-	17	13	-	-	-
111-113	5	-	-	8	-	-	-
114-116	5	-	-	5	-	-	-
117-119	5	-	-	5	-	-	-
120-122	10	-	-	-	-	-	-
TOTAL 0/00	997	998	1000	1000	996	1002	999
SERIAL NUMBERS	-	-	29,30,32	31	33,36,38 41,47	39,42,45	48,49
NUMBER OF SAMPLES	-	-	3	1	5	3	2
NUMBER OF FISH MEASURED	199	834	299	392	499	1192	199
MEAN LENGTH (CM)	71.1	60.7	63.9	71.9	62.5	58.6	62.3
MEAN WEIGHT (KG)	-	-	-	-	-	-	-
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-
HOOK SIZE (NUMBER)	-	-	14½	14½	14½	14½	14½
RANGE OF DEPTHS (FM)	33-88	33-88	12-45	12	12-20-30	30-38	25-32

1) M/C "ADOLF JENSEN"

TABLE 2

LENGTH FREQUENCIES - COD - IC - 1962

(FREQUENCIES IN ‰ - 3 CM GROUPS)

GEAR CATCHES/LANDINGS	OTTER TRAWL (COMMERCIAL)						
	CATCHES	CATCHES AFTER DISCARD			LANDINGS		
MONTH	AUGUST	MARCH	AUGUST	SEPTEMBER	FEBRUARY	MARCH	MARCH
COUNTRY	SPAIN	UNITED KINGDOM			GERMANY	DENMARK (F)	GERMANY
TONNAGE	NK	OVER 1800			962	955	648
36-38	-	1	-	-	-	-	-
39-41	-	14	-	-	-	-	-
42-44	-	14	-	-	-	1	1
45-47	5	60	-	-	5	2	-
48-50	15	87	-	-	27	16	3
51-53	29	88	-	-	109	38	12
54-56	39	51	-	-	157	79	41
57-59	20	47	23	-	169	145	88
60-62	88	82	54	-	177	211	137
63-65	137	138	67	29	101	174	117
66-68	172	148	86	29	57	115	110
69-71	118	111	96	57	34	72	85
72-74	73	85	94	14	40	42	113
75-77	108	31	90	86	43	37	109
78-80	93	28	92	114	33	25	73
81-83	54	6	79	157	24	16	33
84-86	29	10	75	214	12	13	38
87-89	-	-	75	100	4	7	16
90-92	-	-	88	100	6	3	5
93-95	10	-	52	43	2	1	10
96-98	10	-	19	14	-	2	6
99-101	-	-	8	43	-	-	3
102-104	-	-	-	-	-	1	-
TOTAL ‰	1000	1001	998	1000	1000	1000	1000
SERIAL NUMBERS	-	-	-	-	4,5	-	15
NUMBER OF SAMPLES	1	3	1	1	2	16	1
NUMBER OF FISH MEASURED	204	970	478	70	931	3668	526
MEAN LENGTH (CM)	69.4	-	-	-	62.5	64.5	69.8
MEAN WEIGHT (KG)	-	-	-	-	-	-	-
TOTAL WEIGHT LANDED (TONS)	15	150	301)	21	572	-	218
ESTIMATED NUMBER LANDED	-	75450	90601)	3790	287863	-	80453
MESH SIZE (MM)	120	-	-	-	110	-	110
RANGE OF DEPTHS (FM)	33	-	-	-	-	60-180	-

1) EXCLUDING 0.6 TONS OF SMALL FISH NOT MEASURED

TABLE 2
(CONT'D)

LENGTH FREQUENCIES - COD - IC - 1962

(FREQUENCIES IN ⁰/100 - 3 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)						
	LANDINGS						NK
CATCHES/LANDINGS	APRIL	MAY	AUGUST	OCTOBER	DECEMBER	APRIL	MAY
MONTH	DENMARK (F)		U.K.	GERMANY		POLAND	U.S.S.R.
COUNTRY	DENMARK (F)		U.K.	GERMANY		POLAND	U.S.S.R.
TONNAGE	955		501-900	962	648	2879	NK
24-26	-	-	-	-	-	-	1
27-29	-	-	-	-	-	-	-
30-32	-	-	-	-	-	-	1
33-35	-	-	-	-	-	-	1
36-38	-	-	-	-	-	-	1
39-41	-	2	13	-	-	2	4
42-44	2	4	17	-	-	12	9
45-47	9	26	50	2	1	48	15
48-50	27	84	27	3	15	53	32
51-53	67	119	66	6	25	109	59
54-56	119	108	129	21	76	124	73
57-59	164	152	137	69	149	195	72
60-62	208	148	112	129	187	186	127
63-65	168	124	147	165	208	119	91
66-68	92	60	97	166	138	84	69
69-71	47	45	57	127	67	31	51
72-74	30	29	35	32	51	16	61
75-77	26	32	21	47	16	9	86
78-80	15	18	42	96	19	3	87
81-83	9	22	5	47	15	2	57
84-86	9	13	10	46	18	-	47
87-89	4	9	30	23	8	-	16
90-92	2	6	-	11	3	-	20
93-95	2	1	-	6	2	-	8
96-98	1	1	-	1	1	-	5
99-101	-	-	5	-	1	-	3
102-104	1	1	-	2	-	-	-
105-107	-	-	-	1	-	-	1
108-110	-	-	-	-	-	-	1
111-113	-	-	-	-	-	-	-
114-116	-	-	-	-	-	-	1
117-119	-	-	-	-	-	-	-
120-122	-	-	-	-	-	-	-
123-125	-	-	-	-	-	-	-
126-128	-	-	-	-	-	-	1
TOTAL ⁰ /100	1002	1004	1000	1000	1000	1000	1000
SERIAL NUMBERS	-	-	-	62	67	-	-
NUMBER OF SAMPLES	9	3	1	1	1	2	28
NUMBER OF FISH MEASURED	1503	1254	248	457	545	580	1481
MEAN LENGTH (CM)	62.4	61.3	61.94	70.0	64.6	62.2	67.66
MEAN WEIGHT (KG)	-	-	-	-	-	-	-
TOTAL WEIGHT LANDED (TONS)	-	-	109	155	175	-	-
ESTIMATED NUMBER LANDED	-	-	56918	54459	78998	-	-
MESH SIZE (MM)	-	-	-	110	110	90	-
RANGE OF DEPTHS (FM)	50-180	60-95	-	-	-	164-197	27-266

TABLE 2 -
(CONT'D)

LENGTH FREQUENCIES - COD - IC - 1962

(FREQUENCIES IN ‰ - 3 CM GROUPS)

GEAR	LINE (COMMERCIAL)						
	CATCHES						
CATCHES/LANDINGS	MAY	JUNE	JUNE	JULY	JULY	JULY	SEPTEMBER
MONTH	PORTUGAL						
COUNTRY	1171						
TONNAGE	1171						
39-41	-	17	-	-	18	-	3
42-44	-	12	7	3	12	-	10
45-47	-	23	47	3	45	-	30
48-50	10	34	30	23	30	10	30
51-53	30	49	24	33	33	-	27
54-56	10	89	66	123	97	10	67
57-59	10	100	47	153	108	10	70
60-62	20	112	116	153	170	90	120
63-65	10	140	97	137	130	50	110
66-68	30	80	125	107	57	70	170
69-71	51	43	60	50	35	70	113
72-74	51	34	37	53	37	20	50
75-77	162	52	82	47	55	100	53
78-80	141	49	64	33	38	100	27
81-83	182	43	55	20	33	80	57
84-86	152	43	66	37	25	120	23
87-89	61	23	32	10	37	60	13
90-92	51	29	12	10	18	80	20
93-95	20	17	15	3	7	70	3
96-98	-	7	12	-	12	50	-
99-101	-	-	2	-	-	-	3
102-104	-	-	2	-	-	-	-
105-107	-	3	-	-	3	10	-
108-110	-	-	-	-	-	-	-
111-113	10	-	2	-	-	-	-
TOTAL ‰	1001	999	1000	998	1000	1000	999
SERIAL NUMBERS	3	7,4,14,13	6,15	16,25,27	28	24	50,51,52
NUMBER OF SAMPLES	1	4	2	3	1	1	3
NUMBER OF FISH MEASURED	99	349	594	300	400	100	300
MEAN LENGTH (CM)	78.7	66.1	68.6	54.2	64.8	78.7	67.0
MEAN WEIGHT (KG)	-	-	-	-	-	-	-
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-
HOOK SIZE (NUMBER)	14½	14½	14½	14½	14½	14½	14½
RANGE OF DEPTHS (FM)	75	40-100	40-100	20-37-40	42	27	30-35

TABLE 3

LENGTH FREQUENCIES - COD - 1D - 1962

(FREQUENCIES IN $\frac{0}{00}$ - 3 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)					
	CATCHES AFTER DISCARD					
CATCHES/LANDINGS						
MONTH	MARCH	APRIL	JUNE	JULY	AUGUST	SEPTEMBER
COUNTRY	UNITED KINGDOM					
TONNAGE	OVER 1800					
36-38	-	1	-	3	-	1
39-41	17	28	5	26	1	4
42-44	30	35	12	39	16	9
45-47	113	101	39	26	37	21
48-50	119	179	74	72	54	24
51-53	99	131	66	91	74	18
54-56	77	37	27	49	36	23
57-59	48	31	21	47	45	22
60-62	75	78	88	45	63	68
63-65	95	88	104	84	111	96
66-68	110	92	83	87	123	98
69-71	96	120	91	71	96	120
72-74	61	51	93	87	86	114
75-77	21	20	90	73	56	98
78-80	28	11	47	50	44	96
81-83	6	4	71	38	51	70
84-86	3	-	47	39	31	46
87-89	1	-	28	41	22	27
90-92	-	-	6	14	25	24
93-95	-	-	4	12	25	8
96-98	-	-	4	3	-	8
99-101	-	-	-	1	4	6
TOTAL $\frac{0}{00}$	999	1001	1000	998	1000	1001
SERIAL NUMBERS	-	-	-	-	-	-
NUMBER OF SAMPLES	3	2	2	3	5	19
NUMBER OF FISH MEASURED	908	625	581	763	1370	3097
MEAN LENGTH (CM)	-	-	-	-	-	-
MEAN WEIGHT (KG)	-	-	-	-	-	-
TOTAL WEIGHT LANDED (TONS)	64	62	58	77	81	363
ESTIMATED NUMBER LANDED	34130	33510	21300	29570	29000	113700
MESH SIZE (MM)	-	-	-	-	-	-
RANGE OF DEPTHS (FM)	-	-	-	-	-	-

TABLE 3
(CONT'D)

LENGTH FREQUENCIES - COD - ID - 1962

(FREQUENCIES IN ‰ - 3 CM GROUPS)

GEAR	OTTER TRAWL					
	(COMMERCIAL)			(RESEARCH)	(NK)	
	LANDINGS			CATCHES	NK	
	MARCH	NOVEMBER	APRIL	SEPTEMBER	APRIL	MAY
COUNTRY	DENMARK (F)	U.K.	POLAND	GERMANY	U.S.S.R.	
TONNAGE	955	501-900	2879	1000	NK	
36-38	-	-	-	-	-	1
39-41	-	1	-	-	-	4
42-44	-	6	7	3	-	14
45-47	36	14	17	-	1	51
48-50	96	36	24	3	1	107
51-53	75	24	59	-	1	107
54-56	121	28	87	12	16	73
57-59	152	28	152	39	20	50
60-62	158	46	176	27	57	70
63-65	118	35	152	58	78	55
66-68	70	91	156	125	70	52
69-71	75	96	66	76	108	66
72-74	36	96	45	112	100	53
75-77	28	81	31	107	157	71
78-80	16	86	24	106	167	76
81-83	5	49	-	116	88	63
84-86	3	117	3	67	70	38
87-89	3	46	-	55	35	20
90-92	5	47	-	34	19	16
93-95	3	18	3	18	8	7
96-98	-	20	-	21	3	4
99-101	-	12	3	9	1	1
102-104	-	13	-	9	1	1
105-107	-	6	-	-	-	-
108-110	-	3	-	3	-	-
111-113	-	-	-	-	-	-
114-116	-	-	-	-	-	-
117-119	-	1	-	-	-	-
TOTAL ‰/00	1000	1000	1005	1000	1001	1000
SERIAL NUMBERS	-	-	-	K1-20	-	-
NUMBER OF SAMPLES	3	2	1	6	8	59
NUMBER OF FISH MEASURED	387	404	289	329	1872	9729
MEAN LENGTH (CM)	61.0	74.48	60.7	76.5	74.47	64.90
MEAN WEIGHT (KG)	-	-	-	-	-	-
TOTAL WEIGHT LANDED (TONS)	-	1169	-	43	-	-
ESTIMATED NUMBER LANDED	-	397053	-	10258	-	-
MESH SIZE (MM)	-	-	90	110	-	-
RANGE OF DEPTH (FM)	40-70	-	88-109	20-30	102-366	11-250

TABLE 3
(CONT'D)

LENGTH FREQUENCIES - COD - ID - 1962

(FREQUENCIES IN $^{\circ}/_{00}$ - 3 CM GROUPS)

GEAR	HAND LINE & LONG LINE		LINE			
	(NK)		(COMMERCIAL)			
CATCHES/LANDINGS	NK		CATCHES			
MONTH	MARCH	AUGUST	MAY	JUNE	JULY	JULY
COUNTRY	DENMARK (G)		PORTUGAL			
TONNAGE	1)		1171			
39-41	-	-	-	3	-	-
42-44	-	-	-	14	-	-
45-47	10	-	13	37	-	-
48-50	-	7	13	40	-	-
51-53	57	7	47	30	3	15
54-56	86	-	66	74	10	18
57-59	124	28	107	64	20	66
60-62	200	48	147	137	33	71
63-65	171	34	173	124	45	59
66-68	143	124	93	97	62	81
69-71	67	152	60	67	47	81
72-74	19	159	40	74	72	46
75-77	38	159	73	40	72	84
78-80	19	62	80	33	102	79
81-83	-	62	27	44	95	79
84-86	19	48	13	23	120	84
87-89	19	41	33	33	103	71
90-92	10	34	7	23	88	36
93-95	-	21	7	13	35	54
96-98	-	14	-	20	20	54
99-101	-	-	-	-	17	13
102-104	-	-	-	3	17	3
105-107	19	-	-	7	-	5
108-110	-	-	-	-	-	-
111-113	-	-	-	-	3	-
114-116	-	-	-	-	3	-
TOTAL $^{\circ}/_{00}$	1001	1000	999	1000	967	999
SERIAL NUMBERS	-	-	1,2	8,10,11	17,19,20,22	18
NUMBER OF SAMPLES	-	-	2	3	4	1
NUMBER OF FISH MEASURED	105	145	150	299	400	392
MEAN LENGTH (CM)	64.6	74.1	66.4	67.0	77.4	76.5
MEAN WEIGHT (KG)	2.7	3.6	-	-	-	-
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-
HOOK SIZE (NUMBER)	-	-	14 $\frac{1}{2}$	14 $\frac{1}{2}$	14 $\frac{1}{2}$	14 $\frac{1}{2}$
RANGE OF DEPTHS (FM)	88-191	CA-150	36-37	24-40	26-30	35

1) M/C "ADOLF JENSEN"

TABLE 4

LENGTH FREQUENCIES - COD - IE - 1962

(FREQUENCIES IN ‰ - 3 CM GROUPS)

GEAR	OTTER TRAWL									
	(COMMERCIAL)						(NK)			
CATCHES/LANDINGS	CATCHES ¹⁾		LANDINGS						NK	
MONTH	JULY	AUGUST	MARCH	JUNE	AUGUST	OCTOBER	NOVEMBER	APRIL	JUNE	
COUNTRY	UNITED KINGDOM		GERMANY			UNITED KINGDOM		U.S.S.R.		
TONNAGE	OVER 1800		999 & 1000			501-900		NK		
33-35	-	-	-	-	-	-	-	5	-	
36-38	-	-	-	-	-	-	-	2	-	
39-41	1	-	-	-	-	4	6	12	-	
42-44	8	7	-	-	-	11	9	17	3	
45-47	42	47	-	-	-	7	25	80	13	
48-50	71	60	-	-	4	59	35	55	6	
51-53	139	75	-	1	54	135	44	17	3	
54-56	94	54	12	10	54	133	41	37	3	
57-59	90	57	53	42	74	107	105	40	10	
60-62	49	104	49	52	132	67	43	87	6	
63-65	51	144	88	94	190	44	50	66	6	
66-68	59	145	114	91	200	60	49	48	13	
69-71	70	127	125	90	119	73	133	73	32	
72-74	106	80	123	137	91	77	69	68	107	
75-77	81	52	81	94	39	55	70	117	121	
78-80	39	24	102	101	18	55	63	112	127	
81-83	30	9	69	96	10	9	81	70	155	
84-86	30	10	68	52	9	26	64	40	136	
87-89	13	-	57	65	1	29	31	22	75	
90-92	16	4	16	35	4	16	39	27	84	
93-95	6	-	28	18	1	10	7	5	75	
96-98	3	-	5	13	-	10	-	-	6	
99-101	3	-	5	4	-	4	28	-	10	
102-104	-	-	5	2	-	4	7	-	6	
105-107	-	-	-	1	-	-	-	-	-	
108-110	-	-	-	1	-	-	-	-	-	
111-113	-	-	-	-	-	-	-	-	-	
114-116	-	-	-	-	-	-	-	-	-	
117-119	-	-	-	-	-	-	-	-	-	
120-122	-	-	-	-	-	5	-	-	-	
123-125	-	-	-	1	-	-	-	-	-	
126-128	-	-	-	-	-	-	-	-	3	
TOTAL ‰/00	1001	999	1000	1000	1000	1000	999	1000	1000	
SERIAL NUMBERS	-	-	25	54	57	-	-	-	-	
NUMBER OF SAMPLES	5	4	1	1	1	1	1	6	3	
NUMBER OF FISH MEASURED	1221	1041	328	793	452	249	237	600	308	
MEAN LENGTH (CM)	-	-	74.5	75.3	65.9	64.73	70.41	67.63	80.83	
MEAN WEIGHT (KG)	-	-	-	-	-	-	-	-	-	
TOTAL WEIGHT LANDED (TONS)	76	106	138	179	93	539	100	-	-	
ESTIMATED NUMBER LANDED	31480	51490	44953	59488	45914	224300	31557	-	-	
MESH SIZE (MM)	-	-	110	110	110	-	-	-	-	
RANGE OF DEPTHS (FM)	-	-	-	-	-	-	-	33-333	138-600	

1) CATCHES AFTER DISCARD

TABLE 5

LENGTH FREQUENCIES - COD - IF - 1962

(FREQUENCIES IN $\%$ - 3 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)							
	CATCHES ¹⁾		LANDINGS					
MONTH	AUGUST	MAY	JANUARY	FEBRUARY	APRIL	MAY	JUNE	DECEMBER
COUNTRY	U.K.	DEN. (F)	GERMANY					
TONNAGE	OVER 1800	955	501-900					
39-41	-	2	-	-	-	-	-	-
42-44	-	3	-	-	-	-	-	1
45-47	-	21	-	2	-	-	-	3
48-50	61	52	7	13	5	2	-	11
51-53	146	63	41	25	21	2	12	28
54-56	80	83	97	25	117	16	22	41
57-59	75	120	147	30	111	32	59	39
60-62	115	146	155	41	290	81	123	75
63-65	112	147	130	76	186	83	113	137
66-68	206	105	136	78	112	51	109	168
69-71	137	61	84	89	78	69	58	149
72-74	17	44	42	83	16	112	74	78
75-77	51	28	33	92	22	165	93	67
78-80	-	50	27	116	7	141	82	61
81-83	-	25	20	125	11	96	50	60
84-86	-	19	26	92	6	57	52	39
87-89	-	15	23	54	11	49	46	29
90-92	-	11	9	26	5	26	38	10
93-95	-	3	11	20	1	10	21	7
96-98	-	2	4	5	1	5	20	1
99-101	-	1	3	8	-	1	9	2
102-104	-	-	2	-	-	1	9	-
105-107	-	1	2	-	-	-	2	-
108-110	-	-	-	-	-	-	2	-
111-113	-	-	-	-	-	-	1	-
114-116	-	-	-	-	-	1	3	-
117-119	-	-	-	-	-	-	2	-
TOTAL $\%$	1000	1002	999	1000	1000	1000	1000	1000
SERIAL NUMBERS	-	-	1	10	40	48	53	65
NUMBER OF SAMPLES	1	6	1	1	1	1	1	1
NUMBER OF FISH MEASURED	310	1900	466	321	271	864	471	458
MEAN LENGTH (CM)	-	64.5	66.1	75.0	63.7	74.9	73.7	70.0
MEAN WEIGHT (GK)	-	-	-	-	-	-	-	-
TOTAL WEIGHT LANDED (TONS)	16	-	212	80	44	168	111	165
ESTIMATED NUMBER LANDED	7030	-	99851	24627	23482	66373	39350	63780
MESH SIZE (MM)	-	-	110	110	110	110	110	110
RANGE OF DEPTHS (FM)	-	80-110	-	-	-	-	-	-

1) AFTER DISCARD

TABLE 6

LENGTH FREQUENCIES - COD - INK - 1962

(FREQUENCIES IN $\%_{00}$ - 3 CM GROUPS)

GEAR	GREENLANDERS' (NK)							
	NK							
CATCHES/LANDINGS	NK							
MONTH	JUNE	JUNE-JULY	JULY	AUGUST	SEPTEMBER	SEPT.-OCT.	OCTOBER	DECEMBER
COUNTRY	DENMARK (G)							
TONNAGE	NK							
39-41	10	5	-	-	-	3	-	7
42-44	-	5	-	-	-	15	-	-
45-47	10	5	-	10	26	20	-	-
48-50	100	16	60	20	13	40	-	-
51-53	70	67	60	230	64	111	10	-
54-56	150	83	96	240	13	184	31	7
57-59	90	114	157	210	77	161	62	7
60-62	280	145	181	160	141	169	31	-
63-65	100	155	84	40	256	83	26	7
66-68	70	181	60	10	179	65	31	20
69-71	50	93	48	10	64	43	26	20
72-74	10	41	24	10	64	25	26	39
75-77	10	21	60	10	26	30	21	85
78-80	30	10	60	-	13	23	52	144
81-83	10	26	24	-	13	18	52	150
84-86	-	-	72	10	26	-	149	105
87-89	-	5	12	10	13	-	103	157
90-92	10	-	-	20	13	3	103	91
93-95	-	16	-	-	-	5	62	59
96-98	-	5	-	-	-	-	77	59
99-101	-	5	-	10	-	3	41	26
102-104	-	-	-	-	-	-	36	7
105-107	-	-	-	-	-	-	31	7
108-110	-	-	-	-	-	-	10	7
111-113	-	-	-	-	-	-	10	-
114-116	-	-	-	-	-	-	10	-
TOTAL $\%_{00}$	1000	998	998	1000	1001	1001	1000	1004
SERIAL NUMBERS	9	11	7	5	12	8	6	10
NUMBER OF SAMPLES	-	-	-	-	-	-	-	-
NUMBER OF FISH MEASURED	100	193	84 ¹⁾	100	78	397	196 ²⁾	153
MEAN LENGTH (CM)	60.0	63.8	63.7	58.4	65.0	60.2	83.8	82.9
MEAN WEIGHT (KG)	-	-	-	-	-	-	-	-
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-
MESH OR HOOK SIZE	-	-	-	-	-	-	-	-
RANGE OF DEPTHS (FM)	-	-	-	-	-	-	-	-

1) ONE NOT MEASURED

2) TWO NOT MEASURED

TABLE 6
(CONT'D)

LENGTH FREQUENCIES - COD - INK - 1962

(FREQUENCIES IN $^{\circ}/_{00}$ - 3 CM GROUPS)

GEAR	GREENLANDERS', LONG LINE AND HAND LINE									HAND LINE
	(NK)									(NK)
CATCHES/LANDINGS	NK									
MONTH	MARCH	APRIL	APRIL	JULY	JULY-AUG.	AUGUST	AUG.-SEPT.	AUG.-SEPT.	AUGUST	
COUNTRY	DENMARK (G)									
TONNAGE	1)			2)					3)	
33-35	5	5	-	-	-	-	-	-	-	-
36-38	16	16	-	-	-	-	-	-	-	-
39-41	5	10	-	-	-	-	-	-	-	-
42-44	16	10	11	-	27	7	-	-	-	-
45-47	16	10	6	23	54	-	23	5	12	6
48-50	27	42	29	-	88	39	35	-	-	-
51-53	49	94	17	-	68	33	23	-	42	42
54-56	154	115	97	136	20	46	35	5	42	42
57-59	115	173	171	-	68	33	53	10	109	109
60-62	192	168	189	364	75	86	82	10	164	164
63-65	115	141	143	318	68	112	129	21	164	164
66-68	77	79	91	-	109	197	158	26	188	188
69-71	38	52	131	136	116	184	158	62	127	127
72-74	33	42	57	-	102	92	111	156	36	36
75-77	38	31	6	23	54	46	99	219	61	61
78-80	16	5	17	-	75	53	35	167	18	18
81-83	22	5	11	-	41	33	29	130	12	12
84-86	27	-	-	-	20	20	-	109	6	6
87-89	16	-	11	-	14	7	12	52	6	6
90-92	11	-	6	-	-	7	18	10	6	6
93-95	-	-	6	-	-	-	-	16	6	6
96-98	5	-	-	-	-	7	-	-	-	-
TOTAL $^{\circ}/_{00}$	993	998	999	1000	999	1002	1000	998	999	999
SERIAL NUMBERS	15	14	16	13	17	18	19	20	21	21
NUMBER OF SAMPLES	-	-	-	-	-	-	-	-	-	-
NUMBER OF FISH MEASURED	182	191	175	44	147	152	172 ⁴⁾	192	165	165
MEAN LENGTH (CM)	61.8	59.8	63.2	62.3	64.8	67.3	66.8	77.3	65.2	65.2
MEAN WEIGHT (KG)	2.6	2.13	2.3	-	-	2.5	2.8	4.3	2.4	2.4
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-	-
MESH OR HOOK SIZE	-	-	-	-	-	-	-	-	-	-
RANGE OF DEPTHS (FM)	66-120	CA. 44	109-115	-	-	0-142	27-82	27-82	22-55	22-55

- 1) M/C "ADOLF JENSEN" AND "TORNAQ" AND GREENLANDERS' SHIPS
- 2) M/C "ADOLF JENSEN" AND GREENLANDERS'
- 3) M/C "ADOLF JENSEN"
- 4) ONE NOT MEASURED

TABLE 6
(CONT'D)

LENGTH FREQUENCIES - COD - INK - 1962

(FREQUENCIES IN $\%$ - 3 CM GROUPS)

GEAR	NK (RESEARCH)					
	APRIL			MAY		
CATCHES/LANDINGS	NK					
MONTH	APRIL			MAY		
COUNTRY	NORWAY					
TONNAGE	NK					
SEX	$\sigma\sigma$	$\sigma\sigma$	TOTAL	$\sigma\sigma$	$\sigma\sigma$	TOTAL
33-35	1.85	-	1.85	-	-	-
36-38	-	-	-	-	-	-
39-41	-	-	-	-	-	-
42-44	-	-	-	3.21	1.61	4.82
45-47	3.70	-	3.70	3.21	12.84	16.05
48-50	5.55	5.55	11.10	8.03	12.84	20.87
51-53	14.79	9.24	24.03	22.47	8.03	30.50
54-56	22.18	29.57	51.75	27.29	22.47	49.76
57-59	64.69	36.97	101.66	19.26	33.71	52.97
60-62	72.09	59.15	131.24	43.34	40.13	83.47
63-65	66.54	70.24	136.78	33.71	27.29	61.00
66-68	42.51	55.45	97.96	24.08	24.08	48.16
69-71	24.03	27.73	51.76	11.24	24.08	35.32
72-74	12.94	35.12	48.06	27.29	17.66	44.95
75-77	29.57	35.12	64.69	33.71	38.52	72.23
78-80	31.42	36.97	68.39	16.05	52.97	69.02
81-83	18.48	36.97	55.45	46.55	62.60	109.15
84-86	24.03	31.42	55.45	25.68	73.84	99.52
87-89	12.94	25.88	38.82	8.03	59.39	67.42
90-92	9.24	18.41	27.65	6.42	44.94	51.36
93-95	1.85	16.64	18.49	4.82	32.10	36.92
96-98	1.85	1.85	3.70	6.42	17.66	24.08
99-101	-	-	-	-	9.63	9.63
102-104	-	1.85	1.85	-	6.42	6.42
105-107	-	1.85	1.85	-	1.61	1.61
108-110	-	1.85	1.85	1.61	1.61	3.22
111-113	-	-	-	-	1.61	1.61
114-116	-	1.85	1.85	-	-	-
TOTAL $\%$	460.25	539.75	1000.00	372.42	627.64	1000.06
SERIAL NUMBERS	-	-	-	-	-	-
NUMBER OF SAMPLES	5	5	-	5	5	-
NUMBER OF FISH MEASURED	249	292	-	232	391	-
MEAN LENGTH (CM)	68.86	72.65	-	66.73	73.04	-
MEAN WEIGHT (KG)	-	-	-	-	-	-
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-
MESH OR HOOK SIZE	6	6	-	6	6	-
RANGE OF DEPTHS (FM)	100-150	100-150	-	100-150	100-150	-

TABLE 7

LENGTH FREQUENCIES - COD - 1962

(FREQUENCIES IN ‰ - 3 CM GROUPS)

AREA	EAST GREENLAND						
	(DOHRN BANK)			(SKJOLDUNGEN)			
GEAR	OTTER TRAWL (COMMERCIAL)					GREENLANDERS ¹ (NK)	
CATCHES/LANDINGS	LANDINGS					NK	
MONTH	MARCH	APRIL	AUGUST	OCTOBER	NOVEMBER	AUGUST	SEPTEMBER
COUNTRY	GERMANY					DENMARK (G)	
TONNAGE	500-900					NK	
39-41	-	-	-	-	-	5	-
42-44	1	-	-	-	-	11	-
45-47	1	1	-	-	-	11	-
48-50	2	1	-	-	1	22	-
51-53	6	2	1	3	11	22	-
54-56	5	2	1	5	17	-	4
57-59	7	3	6	10	26	16	16
60-62	16	15	11	20	17	32	74
63-65	29	29	16	25	7	81	91
66-68	58	52	22	32	4	108	140
69-71	51	56	52	59	9	103	156
72-74	41	66	66	97	20	151	123
75-77	95	123	108	101	60	119	70
78-80	107	139	120	70	71	81	58
81-83	113	142	77	85	107	59	62
84-86	141	134	123	78	154	70	74
87-89	127	93	123	69	135	38	58
90-92	104	86	57	126	127	32	33
93-95	53	34	91	106	91	11	16
96-98	36	12	29	45	47	11	12
99-101	7	9	54	15	45	11	12
102-104	-	1	15	12	26	-	-
105-107	-	-	19	26	13	-	-
108-110	-	-	8	16	6	5	-
111-113	-	-	1	-	-	-	-
114-116	-	-	-	-	6	-	-
TOTAL ‰/00	1000	1000	1000	1000	1000	999	999
SERIAL NUMBERS	19	31&32	56	61	63	-	-
NUMBER OF SAMPLES	1	2	1	1	1	-	-
NUMBER OF FISH MEASURED	478	815	418	407	392	186 ¹⁾	244 ¹⁾
MEAN LENGTH (CM)	81.7	80.7	84.4	83.6	85.9	73.0	73.4
MEAN WEIGHT (KG)	-	-	-	-	-	-	-
TOTAL WEIGHT LANDED (TONS)	273	399	59	42	49	-	-
ESTIMATED NUMBER LANDED	67859	110902	13249	8775	9924	-	-
MESH OR HOOK SIZE (MM)	110	110	110	110	110	-	-
RANGE OF DEPTHS (FM)	-	-	-	-	-	-	-

1)

ONE NOT MEASURED

TABLE 7
(CONT'D)

LENGTH FREQUENCIES - COD - 1962

(FREQUENCIES IN 0/00 - 3 CM GROUPS)

AREA	SOUTH-EAST GREENLAND				
GEAR	OTTER TRAWL (COMMERCIAL)				
CATCHES/LANDINGS	LANDINGS				
MONTH	FEBRUARY	MARCH	APRIL	MAY	JUNE
COUNTRY	GERMANY				
TONNAGE	500-900				
48-50	-	-	-	-	1
51-53	1	1	3	-	14
54-56	2	6	11	2	17
57-59	4	10	21	2	46
60-62	13	36	45	9	145
63-65	20	56	70	15	122
66-68	23	86	103	15	170
69-71	63	92	128	31	139
72-74	83	66	143	77	85
75-77	76	98	145	94	45
78-80	130	82	107	98	24
81-83	123	123	69	151	58
84-86	171	113	63	126	40
87-89	118	96	47	155	30
90-92	97	53	23	88	28
93-95	45	34	11	56	11
96-98	22	20	7	29	9
99-101	1	14	1	10	7
102-104	5	8	3	20	4
105-107	1	-	-	6	3
108-110	-	-	-	10	1
111-113	1	-	-	2	-
114-116	1	3	-	2	-
117-119	-	3	-	1	1
120-122	-	-	-	-	-
123-125	-	-	-	1	-
TOTAL 0/00	1000	1000	1000	1000	1000
SERIAL NUMBERS	6	16	27&29	46	52
NUMBER OF SAMPLES	1	1	2	1	1
NUMBER OF FISH MEASURED	431	478	758	405	536
MEAN LENGTH (CM)	82.2	79.2	74.8	84.2	71.1
MEAN WEIGHT (KG)	-	-	-	-	-
TOTAL WEIGHT LANDED (TONS)	138	65	86	92	57
ESTIMATED NUMBER LANDED	34852	17444	28339	22300	22803
MESH SIZE (MM)	110	110	110	110	110
RANGE OF DEPTHS (FM)	-	-	-	-	-

TABLE 8

LENGTH FREQUENCIES - COD - 26 - 1962

(FREQUENCIES IN $0/00$ - 3 CM GROUPS)

GEAR	OTTER TRAWL			JIGGER
	(NK)			(RESEARCH)
CATCHES/LANDINGS	NK			CATCHES ¹⁾
MONTH	APRIL	SEPTEMBER	OCTOBER	AUGUST
COUNTRY	U. S. S. R.			CANADA (NFLD.)
TONNAGE	NK			2)
27-29	-	2	-	-
30-32	-	1	1	-
33-35	-	2	2	-
36-38	-	11	9	-
39-41	1	32	22	-
42-44	1	53	55	5
45-47	7	112	189	28
48-50	39	140	116	83
51-53	91	158	177	208
54-56	141	184	160	247
57-59	212	127	135	185
60-62	178	101	77	133
63-65	139	47	31	60
66-68	82	19	19	32
69-71	59	5	5	15
72-74	27	3	1	-
75-77	21	2	-	3
78-80	6	-	-	-
81-83	1	-	-	-
84-86	-	-	-	-
87-89	-	-	-	-
90-92	-	-	-	-
93-95	1	-	-	-
96-98	-	-	-	-
99-101	-	-	-	-
102-104	-	-	-	-
105-107	-	-	-	-
108-110	-	-	-	-
111-113	-	-	-	-
TOTAL $0/00$	1000	1000	999	999
SERIAL NUMBERS	-	-	-	14-15
NUMBER OF SAMPLES	6	20	11	2
NUMBER OF FISH MEASURED	2988	1621	2685	600
MEAN LENGTH (CM)	60.28	53.08	52.36	56.13
MEAN WEIGHT (KG)	-	-	-	1.57
TOTAL WEIGHT LANDED (TONS)	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-
MESH OR HOOK SIZE	-	-	-	-
RANGE OF DEPTHS (FM)	105-280	80-265	76-165	8-14

1) BEFORE DISCARD

2) SMALL BOATS

TABLE 9

LENGTH FREQUENCIES - COD - 2H - 1962

(FREQUENCIES IN $\%$ - 3 CM GROUPS)

GEAR	OTTER TRAWL				JIGGER	
	(NK)				(RESEARCH & COMMERCIAL)	
CATCHES/LANDINGS	NK				CATCHES BEFORE DISCARD	
MONTH	APRIL	MAY	SEPTEMBER	OCTOBER	JULY	AUGUST
COUNTRY	U. S. S. R.				CANADA (NEWFOUNDLAND)	
TONNAGE	NK				SMALL BOATS	
27-29	-	-	1	-	-	-
30-32	-	-	1	-	-	-
33-35	-	1	1	1	-	-
36-38	-	5	5	2	-	-
39-41	1	7	16	3	-	-
42-44	7	20	37	7	1	-
45-47	29	25	89	45	1	2
48-50	79	75	137	75	11	10
51-53	262	120	144	125	65	75
54-56	128	230	204	146	178	188
57-59	154	200	119	193	277	268
60-62	132	140	111	179	216	226
63-65	108	90	61	113	146	142
66-68	68	50	30	89	75	57
69-71	25	22	17	13	19	22
72-74	7	9	9	9	9	8
75-77	-	4	7	6	3	-
78-80	-	2	4	-	1	1
81-83	-	-	3	-	-	-
84-86	-	-	2	-	-	-
87-89	-	-	1	-	-	-
TOTAL $\%$	1000	1000	999	1000	1002	999
SERIAL NUMBERS	-	-	-	-	10-12	-
NUMBER OF SAMPLES	1	3	39	4	3	4
NUMBER OF FISH MEASURED	681	1680	6445	988	1130	3041
MEAN LENGTH (CM)	56.89	56.98	54.88	57.76	59.58	59.32
MEAN WEIGHT (KG)	-	-	-	-	1.70	-
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-
MESH OR HOOK SIZE	-	-	-	-	-	-
RANGE OF DEPTHS (FM)	210-220	160-200	95-220	130-195	6-18	6-16

TABLE 10

LENGTH FREQUENCIES - COD - 2J - 1962

(FREQUENCIES IN ‰ - 3 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)							
	CATCHES				CATCHES AFTER DISCARD			
CATCHES/LANDINGS	MAY	AUGUST	SEPTEMBER	OCTOBER	APRIL	MAY	MAY/JUNE	OCTOBER
COUNTRY	SPAIN				UNITED KINGDOM			
IRMMAGE	NK				OVER 1800			
30-32	-	3	4	-	-	-	18	-
33-35	1	3	4	-	-	-	58	-
36-38	7	2	4	13	6	1	70	-
39-41	17	32	28	30	38	24	76	-
42-44	34	46	52	60	66	17	74	-
45-47	45	88	60	140	118	39	95	171
48-50	69	124	143	168	99	107	104	233
51-53	104	107	179	155	96	215	87	233
54-56	140	112	139	119	84	185	83	156
57-59	150	103	116	143	120	143	49	78
60-62	119	124	78	64	84	96	90	22
63-65	98	82	103	53	120	92	75	22
66-68	73	65	38	42	67	49	40	20
69-71	47	55	15	13	45	22	21	16
72-74	27	23	17	-	31	5	31	15
75-77	28	21	9	-	11	4	28	18
78-80	16	8	6	-	10	-	-	14
81-83	10	2	4	-	1	-	-	4
84-86	10	-	-	-	1	-	-	-
87-89	1	-	4	-	1	-	-	-
90-92	1	-	-	-	1	-	-	-
93-95	-	-	-	-	1	-	-	-
96-98	-	-	-	-	-	-	-	-
99-101	1	-	-	-	-	-	-	-
102-104	1	-	-	-	-	-	-	-
105-107	-	-	-	-	-	-	-	-
TOTAL ‰	1000	1000	999	1000	1000	999	999	1000
SERIAL NUMBERS	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	9	4	2	2	4	4	6	1
NUMBER OF FISH MEASURED	2799	1037	526	530	1427	1617	1142	287
MEAN LENGTH (CM)	58.9	56.5	55.1	52.9	-	-	-	-
MEAN WEIGHT (KG)	-	-	-	-	-	-	-	-
TOTAL WEIGHT LANDED (TONS)	371	59	79	159	122	163	134	12
ESTIMATED NUMBER LANDED	-	-	-	-	72860	127610	85720	8990
MESH SIZE (MM)	120	120	120	120	-	-	-	-
RANGE OF DEPTHS (FM)	115-221	44-175	82-159	98	-	-	-	-

TABLE 10
(CONT'D)

LENGTH FREQUENCIES - COD - 2J - 1962

(FREQUENCIES IN 0/00 - 3 CM GROUPS)

GEAR	OTTER TRAWL					TRAP		JIGGER
	(COMMERCIAL)	(NK)				(COMMERCIAL)	(RESEARCH)	
CATCHES/LANDINGS	NK	NK				LANDINGS ¹⁾		CATCHES ¹⁾
MONTH	APRIL	APRIL	MAY	OCTOBER	NOVEMBER	JULY	AUGUST	JULY
COUNTRY	POLAND	U. S. S. R.				CANADA (NEWFOUNDLAND)		
TONNAGE	2879	NK				SMALL BOATS		
21-23	-	1	-	1	-	-	-	-
24-26	1	4	-	-	-	-	-	-
27-29	2	5	-	2	-	-	-	-
30-32	4	11	-	4	3	-	-	-
33-35	12	25	1	10	13	-	-	-
36-38	30	65	2	28	26	-	1	1
39-41	58	88	5	57	41	4	26	2
42-44	78	100	10	79	82	11	46	9
45-47	169	94	29	124	169	19	53	27
48-50	147	98	70	121	117	30	50	36
51-53	145	95	132	130	153	58	50	88
54-56	110	116	196	133	120	107	63	131
57-59	99	106	210	93	113	155	79	128
60-62	49	76	143	84	68	176	109	154
63-65	27	46	102	55	49	153	113	152
66-68	26	28	48	30	32	114	126	98
69-71	22	17	23	27	7	77	95	85
72-74	7	11	12	5	4	48	74	39
75-77	-	6	9	4	2	26	58	18
78-80	6	3	4	3	-	12	31	17
81-83	7	2	2	2	-	7	18	9
84-86	1	1	2	1	-	3	4	6
87-89	-	1	-	2	-	1	1	4
90-92	-	-	-	-	-	-	4	-
93-95	-	-	-	-	-	-	-	-
96-98	-	-	-	1	-	-	-	-
99-101	-	-	-	1	-	-	1	-
102-104	-	-	-	-	-	-	-	-
105-107	-	-	-	-	-	-	-	-
108-110	-	-	-	1	-	-	-	-
111-113	-	-	-	-	-	-	-	-
114-116	-	-	-	1	-	-	-	-
117-119	-	-	-	-	-	-	-	-
120-122	-	-	-	1	-	-	-	-
TOTAL 0/00	1000	999	1000	1000	999	1001	1002	1004
SERIAL NUMBERS	-	-	-	-	-	4-9	17,19	-
NUMBER OF SAMPLES	3	36	11	33	9	6	2	1
NUMBER OF FISH MEASURED	830	16943	5736	2210	4102	2440	800	3240
MEAN LENGTH (CM)	50.8	50.86	57.61	52.69	51.73	61.71	62.07	61.27
MEAN WEIGHT (KG)	-	-	-	-	-	2.14	2.09	-
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-
MESH SIZE (MM)	90	-	-	-	-	-	-	-
RANGE OF DEPTHS (FM)	142-197	140-240	165-275	95-330	105-240	6-12	10-12	3-4

1) - BEFORE DISCARD

TABLE 11

LENGTH FREQUENCIES - COD - 3K - 1962

(FREQUENCIES IN %/00 - 3 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)				OTTER TRAWL (NK)				
	CATCHES		CATCHES ¹⁾		NK				
CATCHES/LANDINGS	OCTOBER	NOVEMBER	FEBRUARY	JUNE	JANUARY	FEBRUARY	APRIL	OCTOBER	NOVEMBER
MONTH	SPAIN		UNITED KINGDOM		U. S. S. R.				
COUNTRY	NK		OVER 1800		NK				
TONNAGE	NK		OVER 1800		NK				
18-20	-	-	-	-	-	-	9	-	-
21-23	-	-	-	-	7	-	34	-	1
24-26	-	-	-	-	7	-	53	-	3
27-29	-	-	-	-	-	1	43	-	-
30-32	-	-	-	-	4	3	37	2	-
33-35	2	-	-	-	7	18	52	3	10
36-38	6	-	-	2	24	53	101	7	20
39-41	10	-	-	20	20	66	148	16	30
42-44	16	-	1	67	71	80	146	59	40
45-47	24	-	14	226	126	151	122	79	52
48-50	41	17	51	158	101	93	75	73	106
51-53	29	17	68	124	118	112	47	119	151
54-56	71	17	56	130	173	96	41	137	123
57-59	81	17	29	38	77	68	15	81	120
60-62	141	140	124	52	77	65	15	110	80
63-65	130	88	154	59	49	59	17	76	74
66-68	133	105	154	46	51	48	8	72	46
69-71	133	18	115	23	17	16	7	70	48
72-74	67	175	106	27	10	19	6	34	22
75-77	45	123	44	8	33	22	7	22	13
78-80	41	158	22	4	10	11	3	13	16
81-83	18	18	40	9	12	7	2	8	9
84-86	10	53	9	1	1	5	5	9	4
87-89	-	-	-	3	-	4	5	2	6
90-92	2	35	4	-	3	2	1	2	6
93-95	-	-	-	-	-	1	-	2	3
96-98	-	-	-	-	-	-	1	1	1
99-101	-	18	9	1	-	-	-	1	4
102-104	-	-	-	-	-	-	-	2	1
105-107	-	-	-	-	-	-	-	-	6
108-110	-	-	-	-	1	-	-	-	-
111-113	-	-	-	-	-	-	-	-	-
114-116	-	-	-	-	-	-	-	-	-
117-119	-	-	-	-	-	-	-	-	1
120-122	-	-	-	-	1	-	-	-	1
123-125	-	-	-	-	-	-	-	-	-
126-128	-	-	-	-	-	-	-	-	-
129-131	-	-	-	-	-	-	-	-	3
TOTAL %/00	1000	999	1000	998	1000	1000	1000	1000	1000
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	4	1	1	5	5	13	23	17	22
NUMBER OF FISH MEASURED	616	57	345	1166	760	10989	2464	785	683
MEAN LENGTH (CM)	63.8	71.6	-	-	54.43	53.08	44.02	58.21	57.67
MEAN WEIGHT (KG)	-	-	-	-	-	-	-	-	-
TOTAL WEIGHT LANDED (TONS)	53	38	50	101	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	15200	62080	-	-	-	-	-
MESH SIZE (MM)	120	120	-	-	-	-	-	-	-
RANGE OF DEPTHS (FM)	109-148	148	-	-	115-230	150-185	115-190	130-220	190-230

1) AFTER DISCARD

TABLE 11
(CONT'D)

LENGTH FREQUENCIES - COD - 3K - 1962

(FREQUENCIES IN $\%$ - 3 CM GROUPS)

GEAR ¹⁾	LINE TRAWL		HAND LINE		TRAP		JIGGER		GILLNET
	(COMMERCIAL)								
CATCHES/LANDINGS									
LANDINGS BEFORE DISCARD									
MONTH	AUGUST	SEPTEMBER	AUGUST	SEPTEMBER	AUGUST	SEPTEMBER	AUGUST	SEPTEMBER	AUGUST
COUNTRY	CANADA (NEWFOUNDLAND)								
TONNAGE	NK								
33-35	-	-	-	-	-	-	5	-	-
36-38	-	-	3	-	16	27	14	-	-
39-41	4	14	20	26	53	144	35	63	1
42-44	13	19	61	26	138	130	62	81	1
45-47	27	38	89	61	192	175	90	81	1
48-50	40	52	114	114	162	166	63	162	3
51-53	42	57	132	167	139	117	87	126	4
54-56	58	127	121	167	71	63	74	135	3
57-59	59	104	115	105	62	45	96	90	8
60-62	73	109	79	62	42	36	99	72	28
63-65	100	108	71	61	40	36	83	63	95
66-68	107	75	60	70	29	18	95	72	151
69-71	114	127	50	53	25	22	68	36	186
72-74	83	52	33	35	17	9	57	9	165
75-77	75	24	26	35	8	4	26	-	125
78-80	52	42	12	-	3	4	16	9	73
81-83	46	28	7	18	2	4	14	-	54
84-86	30	19	3	-	-	-	7	-	31
87-89	20	-	2	-	-	-	4	-	20
90-92	19	-	1	-	-	-	2	-	16
93-95	13	-	-	-	1	-	-	-	10
96-98	7	5	1	-	-	-	1	-	7
99-101	5	-	-	-	-	-	-	-	5
102-104	4	-	-	-	-	-	1	-	3
105-107	4	-	-	-	-	-	1	-	3
108-110	1	-	-	-	-	-	-	-	1
111-113	1	-	-	-	-	-	-	-	2
114-116	1	-	-	-	-	-	-	-	1
117-119	1	-	-	-	-	-	-	-	1
120-122	-	-	-	-	-	-	-	-	-
123-125	-	-	-	-	-	-	-	-	-
126-128	-	-	-	-	-	-	-	-	-
129-131	1	-	-	-	-	-	-	-	-
TOTAL $\%$	1000	1000	1000	1000	1000	1000	1000	999	1000
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	25	1	7	2	11	1	7	1	19
NUMBER OF FISH MEASURED	3767	212	1025	114	2649	223	1010	111	1823
MEAN LENGTH (CM)	68.22	62.46	56.81	57.29	51.30	49.54	58.60	54.05	73.15
MEAN WEIGHT (KG)	3.19	2.47	1.88	1.87	1.39	1.34	2.11	1.60	3.64
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-
MESH OR HOOK SIZE (NUMBER)	12&15	12&15	13	13	4C	4C	5	5	6-6 ²⁾
RANGE OF DEPTHS (FM)	18-150	10-18	12-23	20-25	14-19	16	15-26	16-25	12-40

1) INSHORE

2) INCHES - COTTON AND NYLON

TABLE 12

LENGTH FREQUENCIES - COD - 3L - 1962

(FREQUENCIES IN $\%$ - 3 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)						
	CATCHES			CATCHES AFTER DISCARD			
CATCHES/LANDINGS	APRIL	JUNE	JULY	JUNE	JULY	OCTOBER	NOVEMBER
MONTH	SPAIN	CANADA (M)	SPAIN	UNITED KINGDOM			
COUNTRY	SPAIN	CANADA (M)	SPAIN	UNITED KINGDOM			
TONNAGE	NK	151-500	NK	OVER 1800			
18-20	-	5	-	-	-	-	-
21-23	-	3	-	-	-	-	-
24-26	-	3	-	-	-	-	-
27-29	-	4	-	-	-	-	-
30-32	-	5	-	10	1	-	-
33-35	-	29	5	-	7	-	-
36-38	-	50	8	-	9	-	-
39-41	-	55	12	52	18	18	-
42-44	44	90	39	73	43	71	15
45-47	19	128	75	105	70	78	50
48-50	50	111	97	143	89	87	55
51-53	38	88	124	126	93	89	65
54-56	75	90	116	101	96	71	74
57-59	81	69	117	62	86	48	56
60-62	157	75	104	97	90	51	82
63-65	151	54	113	54	93	90	137
66-68	151	42	87	61	100	119	118
69-71	75	33	53	43	69	114	152
72-74	63	22	16	39	55	67	126
75-77	13	14	10	16	31	53	53
78-80	69	10	9	7	21	17	16
81-83	-	11	2	6	13	8	-
84-86	-	4	5	-	7	6	-
87-89	-	2	4	-	2	6	-
90-92	13	1	-	-	1	2	-
93-95	-	2	-	3	3	3	-
96-98	-	-	-	-	-	2	-
99-101	-	-	1	-	2	-	-
102-104	-	-	1	-	-	-	-
105-107	-	-	1	-	-	-	-
TOTAL $\%$	999	1000	999	998	999	1000	999
SERIAL NUMBERS	-	-	-	-	-	-	-
NUMBER OF SAMPLES	1	1	5	2	14	5	2
NUMBER OF FISH MEASURED	159	1012	1501	512	3373	1343	783
MEAN LENGTH (CM)	62.9	52.58	57.5	-	-	-	-
MEAN WEIGHT (KG)	-	-	-	-	-	-	-
TOTAL WEIGHT LANDED (TONS)	108	-	117	24	214	82	41
ESTIMATED NUMBER LANDED	-	-	-	16600	125600	36680	18260
MESH SIZE (MM)	120	-	120	-	-	-	-
RANGE OF DEPTHS (FM)	104-109	-	115-156	-	-	-	-

TABLE 12
(CONT'D)

LENGTH FREQUENCIES - COD - 3L - 1962

(FREQUENCIES IN 0/00 - 3 CM GROUPS)

GEAR	OTTER TRAWL						
	(COMMERCIAL)				(NK)		
CATCHES/LANDINGS	LANDINGS		LANDINGS ¹⁾		NK		
MONTH	JUNE	SEPTEMBER	MAY	SEPTEMBER	MARCH	APRIL	DECEMBER
COUNTRY	CANADA (M.)		CANADA (NFLD.)		U. S. S. R.		
TONNAGE	151-500				NK		
9-11	-	-	-	-	1	-	-
12-14	-	-	-	-	2	-	-
15-17	-	-	-	-	1	-	-
18-20	-	-	-	-	4	3	-
21-23	-	-	-	-	37	10	-
24-26	-	-	-	-	63	8	1
27-29	-	-	-	-	98	20	1
30-32	-	-	-	-	114	49	2
33-35	-	-	-	-	78	61	15
36-38	-	-	-	-	68	87	31
39-41	-	1	-	-	60	115	45
42-44	2	3	37	-	59	100	75
45-47	46	20	74	7	39	103	136
48-50	237	114	63	21	23	50	94
51-53	212	93	52	41	21	42	103
54-56	130	57	50	48	21	37	74
57-59	73	34	76	23	21	26	64
60-62	71	98	78	33	21	46	36
63-65	62	114	71	110	21	45	46
66-68	62	106	67	83	17	26	49
69-71	41	90	78	124	28	57	28
72-74	18	57	74	110	21	42	42
75-77	23	57	52	96	25	29	49
78-80	7	18	37	55	28	14	31
81-83	14	24	37	69	22	12	16
84-86	2	26	34	21	31	8	12
87-89	-	11	22	7	17	3	9
90-92	-	8	15	28	20	3	6
93-95	-	10	7	7	14	1	11
96-98	-	11	19	21	9	1	6
99-101	-	11	11	7	2	1	5
102-104	-	2	7	21	4	-	5
105-107	-	3	7	7	5	-	2
108-110	-	2	7	-	4	-	2
111-113	-	-	7	7	-	-	1
114-116	-	-	4	-	1	-	-
117-119	-	-	-	-	-	-	1
120-122	-	-	-	-	-	-	-
123-125	-	-	-	-	-	-	1
126-128	-	-	-	-	-	1	1
TOTAL 0/00	1000	1000	998	1001	1000	1000	1000
SERIAL NUMBERS	-	-	-	-	-	-	-
NUMBER OF SAMPLES	1	1	1	1	21	10	4
NUMBER OF FISH MEASURED	438	240	269	145	1123	1084	1983
MEAN LENGTH (CM)	56.48	64.50	66.58	71.38	48.22	49.96	57.55
MEAN WEIGHT (KG)	2.17	2.57	2.96	3.38	-	-	-
TOTAL WEIGHT LANDED (TONS)	-	-	554	226	-	-	-
ESTIMATED NUMBER LANDED	-	-	187525	65894	-	-	-
MESH SIZE (INCHES)	4 5/8	4 1/2	4 1/2	4 1/3	-	-	-
RANGE OF DEPTHS (FM)	68-74	25-36	50-80	35	55-223	97-223	150-195

- 1) AFTER DISCARD
- 2) NYLON
- 3) MANILLA

TABLE 12
(CONT'D)

LENGTH FREQUENCIES - COD - 3L - 1962

(FREQUENCIES IN $\frac{0}{100}$ - 3 CM GROUPS)

GEAR	HAND LINE INSHORE			TRAP INSHORE			GILLNET INSHORE		
	(COMMERCIAL)								
CATCHES/LANDINGS	LANDINGS BEFORE DISCARD								
MONTH	JUNE	JULY	SEPTEMBER	JUNE	JULY	AUGUST	JUNE	JULY	
COUNTRY	CANADA (NEWFOUNDLAND)								
TONNAGE	NK								
33-35	-	-	4	5	2	-	-	-	
36-38	-	-	24	14	9	6	1	-	
39-41	2	6	44	37	31	23	-	-	
42-44	26	26	88	96	74	87	-	-	
45-47	58	60	144	141	113	157	1	-	
48-50	103	116	124	144	126	172	1	-	
51-53	99	121	116	146	107	167	2	-	
54-56	108	114	92	111	94	117	3	1	
57-59	100	109	76	74	70	73	15	14	
60-62	100	119	60	65	75	64	20	20	
63-65	103	88	60	46	65	48	46	46	
66-68	92	76	28	33	62	30	100	81	
69-71	69	59	44	27	49	27	123	117	
72-74	58	44	32	17	36	11	122	111	
75-77	29	20	16	9	22	8	95	105	
78-80	15	13	12	9	16	3	82	91	
81-83	9	11	8	7	12	2	88	94	
84-86	11	3	12	4	12	1	58	70	
87-89	6	2	8	6	9	2	65	50	
90-92	8	3	4	3	5	2	47	46	
93-95	-	5	-	3	6	-	38	54	
96-98	2	1	-	1	2	-	31	37	
99-101	-	2	-	1	2	-	19	21	
102-104	2	-	-	-	-	-	15	12	
105-107	-	1	4	1	-	-	9	9	
108-110	-	1	-	-	1	-	7	4	
111-113	-	-	-	-	-	-	4	4	
114-116	-	-	-	-	-	-	5	5	
117-119	-	-	-	-	-	-	1	2	
120-122	-	-	-	-	-	-	-	5	
123-125	-	-	-	-	-	-	1	-	
126-128	-	-	-	-	-	-	1	1	
129-131	-	-	-	-	-	-	-	-	
132-134	-	-	-	-	-	-	-	1	
TOTAL $\frac{0}{100}$	1000	1000	1000	1000	1000	1000	1000	1001	
SERIAL NUMBERS	-	-	-	-	-	-	-	-	
NUMBER OF SAMPLES	5	11	2	14	37	9	8	4	
NUMBER OF FISH MEASURED	650	1390	250	2557	7174	2366	1623	855	
MEAN LENGTH (CM)	60.44	59.15	54.89	53.77	57.19	53.02	78.63	79.60	
MEAN WEIGHT (KG)	2.17	2.03	1.74	1.59	1.97	1.46	4.78	5.04	
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-	-	-	
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	
MESH OR HOOK SIZE	3020& 3021	3020& 3021	3020& 3021	4C	4C	4C	6-7 $\frac{1}{2}$)	6-7 $\frac{1}{2}$)	
RANGE OF DEPTHS (FM)	7-13	3-15	20-25	8-14	9-17	13-17	10-15	10-15	

1) INCHES - NYLON

TABLE 13

LENGTH FREQUENCIES - COD - 3M - 1962

(FREQUENCIES IN %/00 - 3 CM GROUPS)

GEAR	OTTER TRAWL					
	(COMMERCIAL)			(NK)		
	CATCHES	LANDINGS AFTER DISCARD		NK		
	MONTH	JULY	AUGUST	SEPTEMBER	MARCH	AUGUST
COUNTRY	CANADA (NEWFOUNDLAND)		U. S. S. R.			
TONNAGE	NK	151-500		NK		
9-11	-	-	-	3	-	-
12-14	-	-	-	2	-	-
15-17	-	-	-	2	-	-
18-20	-	-	-	1	-	-
21-23	-	-	-	13	-	-
24-26	-	-	-	24	2	-
27-29	-	-	-	30	4	-
30-32	-	-	-	27	6	1
33-35	-	-	-	35	11	5
36-38	-	-	-	53	10	8
39-41	-	-	8	81	24	7
42-44	11	11	44	98	120	32
45-47	15	47	68	98	138	124
48-50	46	73	165	85	118	125
51-53	85	117	149	92	128	117
54-56	80	130	133	89	73	124
57-59	111	139	112	68	74	117
60-62	111	147	64	71	69	101
63-65	117	96	137	46	88	78
66-68	85	105	48	38	67	84
69-71	85	55	44	17	15	37
72-74	82	41	8	14	23	16
75-77	54	17	20	6	12	13
78-80	50	6	-	4	8	5
81-83	22	4	-	1	6	2
84-86	32	6	-	1	2	-
87-89	-	4	-	-	2	1
90-92	4	-	-	-	1	-
93-95	2	-	-	-	1	1
96-98	4	-	-	1	-	1
99-101	2	-	-	-	2	1
102-104	-	-	-	-	1	-
105-107	2	-	-	-	1	-
108-110	-	-	-	-	-	-
111-113	-	-	-	-	-	-
114-116	-	2	-	-	-	-
TOTAL %/00	1000	1000	1000	1000	1000	1000
SERIAL NUMBERS	-	-	-	-	-	-
NUMBER OF SAMPLES	2	2	1	14	19	7
NUMBER OF FISH MEASURED	461	531	249	975	842	1708
MEAN LENGTH (CM)	64.5	59.68	59.94	48.67	54.04	56.05
MEAN WEIGHT (KG)	-	1.89	1.68	-	-	-
TOTAL WEIGHT LANDED (TONS)	-	161	295	-	-	-
ESTIMATED NUMBER LANDED	-	85205	199614	-	-	-
MESH SIZE	120 ¹⁾	4 ²⁾ -2 ²⁾	4 3/4 ³⁾	-	-	-
RANGE OF DEPTHS (FM)	300	150-210	140-185	75-245	185	192-195

1) (MM)

2) (INCHES) - MANILLA AND NYLON

3) (INCHES) - MANILLA

TABLE 14

LENGTH FREQUENCIES - COD - 3N - 1962

(FREQUENCIES IN $\frac{0}{00}$ - 3 CM GROUPS)

GEAR	OTTER TRAWL							
	(COMMERCIAL)		(NK)					
CATCHES/LANDINGS	CATCHES ¹⁾		NK					
MONTH	JUNE	JULY	FEBRUARY	MARCH	APRIL	JUNE	JULY	OCTOBER
COUNTRY	UNITED KINGDOM		U. S. S. R.					
TONNAGE	OVER 1800		NK					
21-23	-	-	-	3	-	-	-	-
24-26	-	-	-	21	-	2	-	-
27-29	-	-	-	51	-	4	1	-
30-32	-	-	-	140	-	16	9	-
33-35	-	-	-	138	3	36	34	-
36-38	9	3	4	144	6	58	98	19
39-41	32	18	4	57	11	70	138	55
42-44	41	50	12	62	18	83	155	102
45-47	92	78	4	60	35	70	123	109
48-50	188	113	8	40	64	98	97	104
51-53	160	69	15	27	53	50	51	181
54-56	145	74	-	16	40	53	34	88
57-59	106	56	15	22	49	38	29	67
60-62	73	74	4	11	52	44	30	21
63-65	47	73	19	19	44	50	25	19
66-68	51	80	47	27	59	38	28	43
69-71	24	88	62	33	105	40	28	33
72-74	8	53	101	34	115	51	26	47
75-77	4	48	120	30	121	36	17	33
78-80	-	35	108	11	64	27	16	16
81-83	4	10	97	11	29	20	8	12
84-86	4	16	74	-	29	13	12	7
87-89	-	13	66	14	27	11	8	5
90-92	4	22	70	8	26	16	6	12
93-95	4	6	38	3	23	7	5	-
96-98	4	15	29	-	12	11	3	5
99-101	-	6	27	3	12	4	-	2
102-104	-	-	31	3	9	11	5	2
105-107	-	-	12	3	-	13	4	9
108-110	-	-	-	3	-	7	4	2
111-113	-	-	19	3	-	4	-	-
114-116	-	-	8	3	-	4	2	-
117-119	-	-	-	-	-	4	2	-
120-122	-	-	-	-	-	9	1	5
123-125	-	-	-	-	-	-	1	-
126-128	-	-	4	-	-	2	-	-
129-131	-	-	-	-	-	-	-	-
132-134	-	-	8	-	-	-	-	-
TOTAL $\frac{0}{00}$	1000	1000	1000	1000	1000	1000	1000	998
SERIAL NUMBERS	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	1	3	2	5	8	11	27	80
NUMBER OF FISH MEASURED	228	679	258	369	658	448	2811	421
MEAN LENGTH (CM)	-	-	81.04	46.15	68.47	59.38	51.58	56.35
MEAN WEIGHT (KG)	-	-	-	-	-	-	-	-
TOTAL WEIGHT LANDED (TONS)	3	28	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	2015	11900	-	-	-	-	-	-
MESH SIZE	-	-	-	-	-	-	-	-
RANGE OF DEPTHS (FM)	-	-	65-190	120-175	111-270	27-130	27-35	27-270

1) AFTER DISCARD

TABLE 15

LENGTH FREQUENCIES - COD - 3L, 3N, 30 - 1962

(FREQUENCIES IN $\frac{0}{00}$ - 3 CM GROUPS)

DIVISION	3L	3N	30
GEAR	LINE (COMMERCIAL)		
CATCHES/LANDINGS	CATCHES		
MONTH	SEPTEMBER	SEPTEMBER	MAY
COUNTRY	PORTUGAL		
TONNAGE	1117		
39-41	10	5	-
42-44	100	40	5
45-47	220	75	-
48-50	190	80	20
51-53	140	95	5
54-56	110	60	15
57-59	60	70	20
60-62	50	55	10
63-65	70	55	25
66-68	10	60	85
69-71	30	50	90
72-74	10	80	75
75-77	-	50	105
78-80	-	40	95
81-83	-	30	50
84-86	-	25	75
87-89	-	5	40
90-92	-	10	65
93-95	-	15	75
96-98	-	10	20
99-101	-	5	40
102-104	-	20	15
105-107	-	15	25
108-110	-	5	10
111-113	-	5	10
114-116	-	15	10
117-119	-	15	5
120-122	-	-	10
123-125	-	5	-
126-128	-	-	-
129-131	-	5	-
TOTAL $\frac{0}{00}$	1000	1000	1000
SERIAL NUMBERS	3	4-5	1-2
NUMBER OF SAMPLES	1	2	2
NUMBER OF FISH MEASURED	100	200	200
MEAN LENGTH (CM)	51.9	67.1	80.8
MEAN WEIGHT (KG)	-	-	-
TOTAL WEIGHT LANDED (TONS)	-	-	-
ESTIMATED NUMBER LANDED	-	-	-
HOOK SIZE (NUMBER)	14½	14½	14½
RANGE OF DEPTHS (FM)	30	30	40

TABLE 16

LENGTH FREQUENCIES - COD - 30 - 1962

(FREQUENCIES IN 0/00 - 3 CM GROUPS)

GEAR	OTTER TRAWL					
	(COMMERCIAL)		(NK)			
CATCHES/LANDINGS	CATCHES	CATCHES ¹⁾	NK			
MONTH	JULY	DECEMBER	APRIL	MAY	JUNE	OCTOBER
COUNTRY	SPAIN	UNITED KINGDOM	U. S. S. R.			
TONNAGE	NK	OVER 1000	NK			
18-20	-	-	-	-	-	5
21-23	-	-	-	-	-	2
24-26	-	-	-	-	-	2
27-29	-	-	-	-	2	22
30-32	-	-	-	2	7	10
33-35	-	-	1	8	15	34
36-38	-	-	-	17	25	75
39-41	36	-	1	47	48	68
42-44	85	7	6	55	67	216
45-47	119	16	14	71	77	137
48-50	204	35	14	64	52	68
51-53	173	43	31	52	47	65
54-56	116	43	42	65	48	24
57-59	96	38	36	79	36	46
60-62	61	30	80	90	43	14
63-65	69	48	99	92	49	27
66-68	47	86	164	109	62	32
69-71	-	119	126	89	53	12
72-74	-	92	143	52	38	32
75-77	-	135	85	46	34	17
78-80	-	80	72	27	25	32
81-83	-	79	34	13	18	14
84-86	-	45	22	8	19	5
87-89	-	40	17	4	18	5
90-92	-	32	3	4	15	2
93-95	-	19	5	2	21	7
96-98	-	8	-	3	20	5
99-101	-	5	1	1	20	10
102-104	-	-	1	-	17	2
105-107	-	-	-	-	21	2
108-110	-	-	2	-	26	-
111-113	-	-	-	-	19	2
114-116	-	-	-	-	22	2
117-119	-	-	-	-	14	-
120-122	-	-	1	-	11	-
123-125	-	-	-	-	5	2
126-128	-	-	-	-	3	2
129-131	-	-	-	-	3	-
132-134	-	-	-	-	-	-
135-137	-	-	-	-	-	-
138-140	-	-	1	-	-	-
TOTAL 0/00	1000	1000	1001	1000	1000	1000
SERIAL NUMBERS	-	-	-	-	-	-
NUMBER OF SAMPLES	2	11	12	14	37	9
NUMBER OF FISH MEASURED	446	2136	929	3475	4018	416
MEAN LENGTH (CM)	52.4	-	68.74	59.89	68.11	51.70
MEAN WEIGHT (KG)	-	-	-	-	-	-
TOTAL WEIGHT LANDED (TONS)	-	300	-	-	-	-
ESTIMATED NUMBER LANDED	-	80380	-	-	-	-
MESH SIZE (MM)	120	-	-	-	-	-
RANGE OF DEPTHS (FM)	71	-	55-120	60-92	50-82	40-333

1) AFTER DISCARD

TABLE 17

LENGTH FREQUENCIES - COD - 3Ps - 1962

(FREQUENCIES IN $\frac{0}{00}$ - 3 CM GROUPS)

GEAR	OTTER T		PAIR T		LINE TRAWL 1)					TRAP 1)		GILLNET 1)
					(COMMERCIAL)							
CATCHES/LANDINGS	CATCHES		LANDINGS		LANDINGS BEFORE DISCARD							
MONTH	MARCH	FEBRUARY	MAY	JUNE	JULY	SEPTEMBER	NOVEMBER	JUNE	JULY	JULY		
COUNTRY	SPAIN			CANADA (NEWFOUNDLAND)								
TONNAGE	NK											
27-29	-	-	-	-	-	-	-	-	5	-	-	
30-32	-	-	-	-	-	-	-	2	10	-	-	
33-35	-	-	1	-	-	-	-	10	72	-	-	
36-38	3	-	10	3	-	1	-	44	182	-	-	
39-41	6	-	27	17	-	4	4	139	274	-	-	
42-44	35	35	51	43	6	35	15	186	185	-	-	
45-47	85	58	62	63	42	63	47	184	110	14	-	
48-50	89	70	86	110	66	94	66	141	65	-	-	
51-53	104	93	94	116	84	130	124	112	36	-	-	
54-56	73	174	76	99	96	114	104	69	25	14	-	
57-59	89	186	96	68	114	85	90	42	17	55	-	
60-62	101	93	107	78	120	71	87	27	9	55	-	
63-65	76	128	103	72	96	62	85	20	5	205	-	
66-68	35	35	84	67	102	65	102	12	-	178	-	
69-71	54	-	66	67	54	67	66	5	2	219	-	
72-74	73	35	33	43	24	57	47	3	1	110	-	
75-77	41	46	34	37	54	37	41	1	1	82	-	
78-80	35	35	25	24	36	31	28	1	-	41	-	
81-83	47	12	14	17	36	29	17	1	-	14	-	
84-86	19	-	10	19	24	12	11	-	-	14	-	
87-89	-	-	8	10	-	14	11	-	-	-	-	
90-92	13	-	5	10	12	10	9	-	-	-	-	
93-95	6	-	1	12	6	7	9	-	-	-	-	
96-98	6	-	3	6	6	3	17	-	-	-	-	
99-101	-	-	2	4	18	6	-	-	-	-	-	
102-104	-	-	1	5	-	1	11	-	-	-	-	
105-107	9	-	1	3	-	2	2	-	-	-	-	
108-110	-	-	1	3	6	-	4	-	-	-	-	
111-113	-	-	-	-	-	-	-	-	-	-	-	
114-116	-	-	-	1	-	-	4	-	-	-	-	
117-119	-	-	-	-	-	-	-	-	-	-	-	
120-122	-	-	-	1	-	-	-	-	-	-	-	
123-125	-	-	-	1	-	-	-	-	-	-	-	
TOTAL $\frac{0}{00}$	999	1000	1001	999	1002	1000	1001	999	999	1001	-	
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-	-	-	
NUMBER OF SAMPLES	2	2	7	14	2	17	3	8	4	1	-	
NUMBER OF FISH MEASURED	316	86	1461	1548	167	1751	469	2016	825	73	-	
MEAN LENGTH (CM)	61.9	58.8	59.71	61.23	63.82	61.34	63.34	47.60	42.23	68.11	-	
MEAN WEIGHT (KG)	-	-	2.19	2.40	2.61	2.30	2.53	1.13	0.84	2.99	-	
TOTAL WEIGHT LANDED (TONS)	60	27	-	-	-	-	-	-	-	-	-	
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-	-	-	
MESH OR HOOK SIZE	120	-	14&15	14&15	14&15	14&15	14&15	4C	4C	6-6 $\frac{1}{2}$)	-	
RANGE OF DEPTHS (FM)	98-131	90-110	30-70	10-100	17-70	15-70	35-70	10-14	10-14	17	-	

1) INSHORE

2) INCHES - COTTON

TABLE 18

LENGTH FREQUENCIES - COD - 3P - 1962

(FREQUENCIES IN $\%$ - 3 CM GROUPS)

GEAR	OTTER TRAWL					
	(COMMERCIAL)			(NK)		
CATCHES/LANDINGS	CATCHES AFTER DISCARD			NK		
MONTH	JANUARY	FEBRUARY	MARCH	FEBRUARY	APRIL	MAY
COUNTRY	UNITED KINGDOM			U. S. S. R.		
TONNAGE	OVER 1800			NK		
15-17	-	-	-	-	-	2
18-20	-	-	-	-	-	5
21-23	-	-	-	-	-	8
24-26	-	-	-	1	-	12
27-29	-	-	-	1	-	10
30-32	-	-	-	1	-	10
33-35	-	-	-	4	-	10
36-38	-	-	-	10	2	17
39-41	-	-	-	19	5	27
42-44	6	-	20	31	10	37
45-47	9	-	29	36	17	67
48-50	37	75	119	48	42	62
51-53	49	112	56	81	66	72
54-56	51	104	37	105	91	79
57-59	41	67	37	121	91	72
60-62	22	38	74	96	129	102
63-65	124	72	134	123	89	89
66-68	130	139	154	108	80	88
69-71	162	92	151	60	75	67
72-74	142	80	91	71	56	46
75-77	64	50	50	29	44	36
78-80	38	32	13	25	32	24
81-83	38	44	17	12	18	12
84-86	38	53	7	7	23	12
87-89	28	14	-	1	17	8
90-92	15	12	10	5	15	7
93-95	6	10	-	1	17	3
96-98	3	6	-	2	18	4
99-101	3	-	-	2	12	3
102-104	-	-	-	-	10	3
105-107	-	-	-	-	7	1
108-110	-	-	-	-	10	2
111-113	-	-	-	-	7	1
114-116	-	-	-	-	6	1
117-119	-	-	-	-	3	-
120-122	-	-	-	-	4	1
123-125	-	-	-	-	2	-
126-128	-	-	-	-	2	-
TOTAL $\%$	1000	1000	999	1000	1000	1000
SERIAL NUMBERS	-	-	-	-	-	-
NUMBER OF SAMPLES	3	2	1	8	24	49
NUMBER OF FISH MEASURED	826	679	385	1049	4208	8308
MEAN LENGTH (CM)	-	-	-	70.60	68.05	59.02
MEAN WEIGHT (KG)	-	-	-	-	-	-
TOTAL WEIGHT LANDED (TONS)	99	44	54	-	-	-
ESTIMATED NUMBER LANDED	34460	18590	19410	-	-	-
MESH SIZE	-	-	-	-	-	-
RANGE OF DEPTHS (FM)	-	-	-	115-132	55-105	55-115

TABLE 19

LENGTH FREQUENCIES - COD - 4R - 1962

(FREQUENCIES IN $^{\circ}/_{00}$ - 3 CM GROUPS)

GEAR	OTTER TRAWL		TRAP
	(COMMERCIAL)		
CATCHES/LANDINGS	LANDINGS		LANDINGS BEFORE DISCARD
MONTH	JULY	AUGUST	JULY
COUNTRY	CANADA (MARITIMES)		CANADA (NEWFOUNDLAND)
TONNAGE	151-500		SMALL BOATS
30-32	-	-	1
33-35	-	-	5
36-38	-	-	39
39-41	-	-	84
42-44	-	1	131
45-47	1	16	150
48-50	21	52	141
51-53	50	112	96
54-56	80	139	91
57-59	101	124	84
60-62	144	124	71
63-65	102	129	43
66-68	144	88	28
69-71	83	66	16
72-74	77	52	10
75-77	80	37	3
78-80	48	20	3
81-83	23	14	3
84-86	9	9	1
87-89	14	9	-
90-92	8	3	-
93-95	6	1	-
96-98	2	1	-
99-101	2	1	-
102-104	1	-	1
105-107	-	-	-
108-110	2	1	-
111-113	-	-	-
114-116	-	1	-
117-119	1	-	-
120-122	-	-	-
123-125	1	-	-
TOTAL $^{\circ}/_{00}$	1000	1000	1001
SERIAL NUMBERS	2	3-6	1-3
NUMBER OF SAMPLES	1	4	3
NUMBER OF FISH MEASURED	462	1375	1500
MEAN LENGTH (CM)	66.33	62.00	50.97
MEAN WEIGHT (KG)	-	2.22	1.51
TOTAL WEIGHT LANDED (TONS)	-	-	-
ESTIMATED NUMBER LANDED	-	-	-
MESH SIZE (INCHES)	4 $\frac{1}{2}$	4 $\frac{1}{2}$ -4 $\frac{1}{2}$	-
RANGE OF DEPTHS (FM)	20-30	20-70	6-9

TABLE 20

LENGTH FREQUENCIES - COD - 4S - 1962

(FREQUENCIES IN 0/00 - 3 CM GROUPS)

GEAR	OTTER TRAWL				
	(COMMERCIAL)		(NK)		
CATCHES/LANDINGS	LANDINGS		NK		
MONTH	JULY	OCTOBER	JUNE	AUGUST	OCTOBER
COUNTRY	CANADA (MARITIMES)		CANADA (QUEBEC)		
TONNAGE	51-150		26-150		
30-32	-	-	5	1	-
33-35	-	-	6	1	2
36-38	7	-	20	7	7
39-41	39	26	61	32	65
42-44	142	73	100	85	200
45-47	156	117	148	139	190
48-50	181	106	170	101	168
51-53	175	146	132	157	101
54-56	128	126	110	138	113
57-59	67	113	74	80	63
60-62	30	109	57	75	24
63-65	40	67	42	60	31
66-68	24	38	28	56	10
69-71	7	30	20	25	7
72-74	3	20	9	18	10
75-77	-	10	2	10	5
78-80	-	10	6	7	2
81-83	-	4	2	5	2
84-86	-	1	-	3	-
87-89	-	4	2	-	-
90-92	-	-	5	-	-
93-95	-	-	-	-	-
96-98	-	1	-	-	-
99-101	-	-	-	-	-
102-104	-	-	-	-	-
105-107	-	-	-	-	-
108-110	-	-	-	-	-
111-113	-	-	-	-	-
114-116	-	-	-	-	-
117-119	-	-	-	-	-
120-122	-	-	2	-	-
TOTAL 0/00	999	1001	1001	1000	1000
SERIAL NUMBERS	7	8	-	-	-
NUMBER OF SAMPLES	1	1	1	2	1
NUMBER OF FISH MEASURED	367	339	637	905	416
MEAN LENGTH (CM)	50.76	55.23	51.89	54.20	49.75
MEAN WEIGHT (KG)	1.20	1.53	-	-	-
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-
MESH SIZE (INCHES)	4 3/8	4 1/2	4 1/2	4 1/2	4 1/2
RANGE OF DEPTHS (FM)	20-25	15-20	80	105-124	40-45

TABLE 21

LENGTH FREQUENCIES - COD - 4T - 1962

(FREQUENCIES IN $0/00$ - 3 CM GROUPS)

GEAR	OTTER TRAWL							
	(COMMERCIAL)					(NK)		
CATCHES/LANDINGS	LANDINGS					NK		
MONTH	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	JUNE	AUGUST	OCTOBER
COUNTRY	CANADA (MARITIMES)					CANADA (QUEBEC)		
TONNAGE	26-150		26-50	51-150	26-150			
30-32	-	-	-	-	-	-	3	7
33-35	-	-	-	-	-	2	3	3
36-38	3	9	5	2	6	20	14	11
39-41	20	59	69	43	47	74	28	39
42-44	110	165	138	168	150	145	109	99
45-47	185	191	186	173	229	121	165	180
48-50	182	176	156	174	194	167	172	212
51-53	197	196	135	133	169	140	167	148
54-56	129	103	88	109	67	108	119	124
57-59	66	65	66	76	56	69	105	74
60-62	32	38	53	37	20	76	53	56
63-65	25	17	24	40	20	30	19	14
66-68	12	11	24	20	16	22	14	4
69-71	12	9	16	6	8	12	5	18
72-74	10	5	13	7	5	2	12	4
75-77	7	5	8	6	4	5	3	-
78-80	3	4	5	2	3	2	5	4
81-83	2	3	-	1	1	-	3	-
84-86	-	2	4	-	3	2	2	4
87-89	2	1	3	1	-	-	-	-
90-92	2	1	1	1	-	-	-	-
93-95	1	-	-	-	-	-	-	-
96-98	-	-	3	-	-	-	-	-
99-101	-	-	-	-	-	-	-	-
102-104	-	-	-	-	1	-	-	-
105-107	-	-	1	-	-	-	-	-
108-110	-	-	-	-	-	-	-	-
111-113	-	-	-	-	-	-	-	-
114-116	-	-	-	-	-	-	-	-
117-119	-	-	1	-	-	-	-	-
TOTAL $0/00$	1000	1000	999	999	999	997	1001	1001
SERIAL NUMBERS	9-12	13-17	18-20	21-23	24	-	-	-
NUMBER OF SAMPLES	4	5	3	3	1	1	1	3
NUMBER OF FISH MEASURED	1580	2348	1276	1182	596	406	641	284
MEAN LENGTH (CM)	51.55	50.13	51.48	50.83	49.86	48.43	51.43	50.73
MEAN WEIGHT (KG)	1.26	1.28	1.33	1.25	1.18	-	-	-
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-
MESH SIZE (INCHES)	$4\frac{1}{2}$	$4\frac{3}{8}$ - $4\frac{1}{2}$	$4\frac{1}{2}$	4 - $4\frac{3}{8}$	$4\frac{1}{2}$	$4\frac{1}{2}$	$4\frac{1}{2}$	$4\frac{1}{2}$
RANGE OF DEPTHS (FM)	30-105	15-60	20-90	15-40	35-40	50	60-75	48-60

TABLE 21
(CONT'D)

LENGTH FREQUENCIES - COD - 4T - 1962

(FREQUENCIES IN % - 3 CM GROUPS)

GEAR	DANISH SEINE			LONG LINE			LONG LINE & HAND LINE
	(COMMERCIAL)						
CATCHES/LANDINGS	LANDINGS			NK			LANDINGS
MONTH	JUNE	AUGUST	OCTOBER	JUNE	JULY	AUGUST	AUGUST
COUNTRY	CANADA (MARITIMES)			CANADA (QUEBEC)			CANADA (M)
TONNAGE	26-50			0-25	NK		0-25
90-92	-	-	-	-	-	2	-
93-95	-	-	-	-	-	2	4
96-98	15	-	-	7	2	5	34
99-41	61	46	79	20	21	38	80
42-44	184	163	142	54	34	83	143
45-47	230	204	235	56	49	123	227
48-50	169	173	212	82	45	180	147
51-53	94	111	169	95	59	182	126
54-56	109	72	112	102	85	85	67
57-59	63	58	42	87	66	71	59
60-62	41	42	15	116	142	59	63
63-65	16	39	-	82	134	45	29
66-68	6	25	-	63	83	43	4
69-71	6	16	-	52	49	7	4
72-74	3	-	-	39	61	17	8
75-77	-	10	-	22	23	17	4
78-80	-	6	-	20	34	9	-
81-83	3	10	-	20	21	5	-
84-86	-	6	-	16	17	12	-
87-89	-	6	-	10	15	2	-
90-92	-	3	-	16	11	2	-
93-95	-	3	-	11	6	-	-
96-98	-	-	-	4	4	7	-
99-101	-	-	-	5	9	-	-
102-104	-	6	-	5	8	2	-
105-107	-	-	-	4	6	-	-
108-110	-	-	-	3	8	-	-
111-113	-	-	-	4	6	-	-
114-116	-	-	-	3	2	-	-
117-119	-	-	-	1	-	-	-
120-122	-	-	-	-	2	2	-
123-125	-	-	-	-	2	-	-
126-128	-	-	-	-	2	-	-
TOTAL %/00	1000	999	1000	999	1000	1000	999
SERIAL NUMBERS	31	32	33	51	-	-	44
NUMBER OF SAMPLES	1	1	1	1	1	1	1
NUMBER OF FISH MEASURED	326	346	260	735	528	423	238
MEAN LENGTH (CM)	49.12	51.97	48.52	61.29	64.45	54.25	49.23
MEAN WEIGHT (KG)	1.08	1.40	1.14	-	-	-	1.04
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-
MESH OR HOOK SIZE	4½)	4½)	4½)	No. 14	-	-	-
RANGE OF DEPTHS (FM)	25-30	42	20-30	10-20	25	20	10-20

1) - INCHES

TABLE 21
(CONT'D)

LENGTH FREQUENCIES - COD - 4T - 1962

(FREQUENCIES IN 0/00 - 3 CM GROUPS)

GEAR	HAND LINE	HAND LINE (JIGGER)	HAND LINE & GILLNET		GILLNET				
			(COMMERCIAL)						
CATCHES/LANDINGS	LANDINGS					NK		LANDINGS	
MONTH	SEPTEMBER	JUNE	JULY	JUNE	JULY	JULY	AUGUST	JUNE	OCTOBER
COUNTRY	CANADA (MARITIMES)					CANADA (QUEBEC)		CANADA (N)	
TONNAGE	0-25					NK		0-25	
27-29	-	-	-	-	-	6	-	-	-
30-32	7	-	-	-	-	6	-	-	-
33-35	17	-	-	-	-	-	-	-	-
36-38	22	25	15	4	-	-	-	2	-
39-41	43	14	38	4	4	8	-	2	-
42-44	72	83	84	22	69	11	2	5	-
45-47	110	72	193	78	143	14	7	9	-
48-50	148	126	174	100	155	17	22	12	6
51-53	127	112	161	122	134	22	55	12	-
54-56	119	165	110	122	77	80	112	31	13
57-59	93	123	62	148	129	110	107	27	52
60-62	74	83	43	110	46	135	164	90	52
63-65	58	72	31	58	44	199	129	114	174
66-68	33	47	31	54	53	130	153	119	97
69-71	18	22	30	55	30	77	88	126	110
72-74	24	18	5	32	35	47	57	103	123
75-77	10	11	8	34	27	22	46	74	77
78-80	2	14	5	18	12	28	24	60	129
81-83	7	3	5	25	5	30	26	55	71
84-86	4	3	-	3	17	11	7	38	52
87-89	3	3	3	-	7	22	-	36	13
90-92	2	-	2	3	5	8	-	26	6
93-95	2	3	-	6	-	8	2	9	19
96-98	2	-	-	-	2	6	-	16	6
99-101	1	-	-	-	5	-	-	14	-
102-104	1	-	-	3	-	-	-	7	-
105-107	-	-	-	-	-	-	-	7	-
108-110	-	-	-	-	-	-	-	-	-
111-113	-	-	-	-	-	-	-	5	-
114-116	-	-	-	-	-	3	-	2	-
TOTAL 0/00	999	999	1000	1001	999	1000	1001	1001	1000
SERIAL NUMBERS	52-57	41	42-43	34	35	-	-	36	38
NUMBER OF SAMPLES	6	1	2	1	1	1	2	1	1
NUMBER OF FISH MEASURED	2451	278	391	248	275	362	457	580	155
MEAN LENGTH (CM)	53.65	55.29	52.12	59.00	56.49	64.19	63.79	71.98	71.85
MEAN WEIGHT (KG)	-	1.67	1.26	1.93	1.78	-	-	-	3.76
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-
MESH OR HOOK SIZE	No.4&5	-	-	5-6 ¹⁾	5-6 ¹⁾	5 ¹⁾	5-6 ¹⁾	4-6 ¹⁾	-
RANGE OF DEPTHS (FM)	20-35	10-20	10-15	10-20	10-20	-	15-20	10-12	13-17

1) INCHES

TABLE 22

LENGTH FREQUENCIES - COD - 4VN - 1962

(FREQUENCIES IN 0/00 - 3 CM GROUPS)

GEAR	OTTER TRAWL		LONG LINE			GILLNET
	(COMMERCIAL)					
CATCHES/LANDINGS	LANDINGS					
MONTH	FEBRUARY	MAY	JULY	SEPTEMBER	NOVEMBER	SEPTEMBER
COUNTRY	CANADA (MARITIMES)					
TONNAGE	51-150		26-50	0-25		
36-38	-	-	12	-	4	-
39-41	14	-	18	12	9	-
42-44	86	14	30	36	10	-
45-47	247	71	48	35	34	-
48-50	204	171	68	99	126	22
51-53	131	157	138	118	160	-
54-56	112	175	101	127	192	33
57-59	79	142	132	112	111	87
60-62	40	90	136	130	85	109
63-65	29	47	76	137	71	91
66-68	21	34	72	65	71	143
69-71	14	32	60	37	31	96
72-74	5	15	33	37	18	75
75-77	7	26	24	12	31	79
78-80	-	9	19	21	20	75
81-83	1	5	23	5	3	68
84-86	6	2	2	7	4	38
87-89	1	3	3	3	8	34
90-92	1	1	1	3	4	19
93-95	1	1	1	2	2	23
96-98	1	2	1	2	2	4
99-101	-	2	1	1	1	-
102-104	-	-	-	-	1	4
105-107	-	-	-	-	1	-
108-110	-	1	-	-	1	-
111-113	-	-	-	-	-	-
114-116	-	-	1	-	-	-
TOTAL 0/00	1000	1000	1000	1001	1000	1000
SERIAL NUMBERS	25	26	45	46	47	39
NUMBER OF SAMPLES	1	1	1	1	1	1
NUMBER OF FISH MEASURED	440	410	312	366	306	158
MEAN LENGTH (CM)	51.71	56.60	59.12	58.99	58.35	70.61
MEAN WEIGHT (KG)	1.40	1.74	1.96	1.54	1.91	4.25
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-
MESH OR HOOK SIZE	4½ ¹⁾	4½ ¹⁾	6/0	6/0	6/0	6 ¹⁾
RANGE OF DEPTHS (FM)	90-120	85-112	20-30	20-30	30-35	12-20

1) INCHES

TABLE 23

LENGTH FREQUENCIES - COD - 4Vs - 1962

(FREQUENCIES IN ‰ - 3 CM GROUPS)

GEAR	OTTER TRAWL		PAIR TRAWL	
			(COMMERCIAL)	
CATCHES/LANDINGS	LANDINGS		CATCHES	
MONTH	MAY		MARCH	OCTOBER
COUNTRY	CANADA (MARITIMES)		SPAIN	
TONNAGE	151-500		NK	
30-32	-	-	-	8
33-35	-	-	-	35
36-38	-	-	10	90
39-41	22	10	10	132
42-44	43	20	20	141
45-47	165	69	69	136
48-50	189	69	69	107
51-53	140	49	49	98
54-56	142	198	198	70
57-59	124	109	109	53
60-62	44	109	109	44
63-65	38	129	129	29
66-68	21	148	148	15
69-71	23	30	30	14
72-74	11	20	20	10
75-77	13	20	20	10
78-80	11	-	-	3
81-83	1	10	10	2
84-86	2	-	-	3
87-89	4	-	-	-
90-92	2	-	-	-
93-95	1	-	-	-
96-98	1	-	-	-
99-101	1	-	-	-
102-104	1	-	-	-
TOTAL ‰/00	999	1000	1000	1000
SERIAL NUMBERS	27	-	-	-
NUMBER OF SAMPLES	1	1	1	2
NUMBER OF FISH MEASURED	395	101	101	297
MEAN LENGTH (CM)	53.89	54.8	54.8	47.2
MEAN WEIGHT (KG)	1.60	-	-	-
TOTAL WEIGHT LANDED (TONS)	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-
MESH SIZE (INCHES)	4½	-	-	-
RANGE OF DEPTHS (FM)	75-90	35-50	35-50	25-30

TABLE 24

LENGTH FREQUENCIES - COD - 4V - 1962

(FREQUENCIES IN 0/00 - 3 CM GROUPS)

GEAR	OTTER TRAWL (NK)	
	NK	
CATCHES/LANDINGS		
MONTH	MARCH	MAY
COUNTRY	U. S. S. R.	
TONNAGE	NK	
30-32	1	5
33-35	3	18
36-38	48	38
39-41	47	50
42-44	79	99
45-47	61	140
48-50	88	129
51-53	114	116
54-56	91	122
57-59	112	126
60-62	77	68
63-65	81	25
66-68	54	18
69-71	32	14
72-74	31	11
75-77	26	7
78-80	18	2
81-83	9	2
84-86	6	-
87-89	6	2
90-92	2	-
93-95	4	2
96-98	1	-
99-101	4	-
102-104	-	-
105-107	2	2
108-110	2	-
111-113	-	-
114-116	-	-
117-119	1	2
120-122	-	-
123-125	-	-
126-128	-	-
129-131	-	2
TOTAL 0/00	1000	1000
SERIAL NUMBERS	-	-
NUMBER OF SAMPLES	5	6
NUMBER OF FISH MEASURED	1091	443
MEAN LENGTH (CM)	56.47	51.55
MEAN WEIGHT (KG)	-	-
TOTAL WEIGHT LANDED (TONS)	-	-
ESTIMATED NUMBER LANDED	-	-
MESH SIZE	-	-
RANGE OF DEPTHS (FM)	20-137	42-130

TABLE 25

LENGTH FREQUENCIES - COD - 4V & 4W - 1962

(FREQUENCIES IN ‰ - 3 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)	
	CATCHES	LANDINGS
CATCHES/LANDINGS	JULY	JULY
MONTH	CANADA (MARITIMES)	
COUNTRY	151-500	
TONNAGE		
27-29	1	-
30-32	2	-
33-35	8	-
36-38	24	-
39-41	40	-
42-44	59	9
45-47	89	70
48-50	78	103
51-53	112	158
54-56	117	158
57-59	132	130
60-62	97	94
63-65	82	97
66-68	51	67
69-71	34	36
72-74	23	21
75-77	13	9
78-80	9	21
81-83	11	6
84-86	5	3
87-89	4	3
90-92	3	3
93-95	1	3
96-98	1	3
99-101	1	-
102-104	-	3
105-107	-	-
108-110	1	3
111-113	1	-
TOTAL ‰	999	1000
SERIAL NUMBERS	-	-
NUMBER OF SAMPLES	1	1
NUMBER OF FISH MEASURED	2280	330
MEAN LENGTH (CM)	56.08	58.42
MEAN WEIGHT (KG)	-	1.92
TOTAL WEIGHT LANDED (TONS)	-	-
ESTIMATED NUMBER LANDED	-	-
MESH SIZE (INCHES)	-	4½
RANGE OF DEPTHS (FM)	-	20-105

TABLE 27

LENGTH FREQUENCIES - COD - 4X - 1962

(FREQUENCIES IN % - 3 CM GROUPS)

GEAR	OTTER TRAWL		LONG LINE	
	(COMMERCIAL)	(NK)	(COMMERCIAL)	(COMMERCIAL)
CATCHES/LANDINGS	LANDINGS	NK	LANDINGS	LANDINGS
MONTH	JUNE	JUNE	MARCH	NOVEMBER
COUNTRY	CANADA (MARITIMES)	U. S. S. R.	CANADA (MARITIMES)	
TONNAGE	26-50	NK	51-150	0-25&51-150
30-32	-	-	-	4
33-35	-	-	-	13
36-38	6	-	-	61
39-41	83	-	-	89
42-44	154	7	-	123
45-47	167	4	10	85
48-50	205	36	47	66
51-53	205	21	94	56
54-56	118	65	108	49
57-59	28	72	74	84
60-62	4	75	94	65
63-65	11	72	81	54
66-68	4	79	88	45
69-71	2	64	91	54
72-74	4	100	37	40
75-77	2	79	53	23
78-80	-	75	27	29
81-83	1	54	50	15
84-86	1	29	28	7
87-89	2	39	26	11
90-92	-	32	14	6
93-95	-	25	17	4
96-98	1	46	21	11
99-101	-	14	19	4
102-104	-	4	12	2
105-107	-	4	-	-
108-110	-	4	5	-
111-113	-	-	-	-
114-116	-	-	-	-
117-119	-	-	-	-
120-122	-	-	2	-
123-125	-	-	-	-
126-128	-	-	2	-
TOTAL %	998	1000	1000	1000
SERIAL NUMBERS	29	-	48	49-50
NUMBER OF SAMPLES	1	3	1	2
NUMBER OF FISH MEASURED	177	279	318	474
MEAN LENGTH (CM)	49.00	72.01	67.78	55.86
MEAN WEIGHT (KG)	1.27	-	3.30	2.73
TOTAL WEIGHT LANDED (TONS)	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-
MESH OR HOOK SIZE	4½ 1)	-	No. 6/0	No. 16
RANGE OF DEPTHS (FM)	30-50	54-65	50	40-50

1) INCHES

TABLE 28

LENGTH FREQUENCIES - COD - 5Y - 1962

(FREQUENCIES IN 0/00 - 3 CM GROUPS)

GEAR	NK (COMMERCIAL)						
CATCHES/LANDINGS	LANDINGS						
MONTH	JANUARY	FEBRUARY	MARCH	MAY	JULY	NOVEMBER	DECEMBER
COUNTRY	UNITED STATES						
TONNAGE	25-377						
39-41	-	-	-	-	23	-	8
42-44	-	-	-	6	271	-	-
45-47	-	57	39	89	172	66	53
48-50	22	76	94	124	157	66	191
51-53	45	198	96	159	105	93	275
54-56	122	28	109	100	143	113	183
57-59	115	122	81	118	60	113	137
60-62	122	122	70	35	38	225	46
63-65	77	76	55	24	23	93	92
66-68	56	122	124	42	8	66	8
69-71	93	122	66	6	-	20	8
72-74	39	76	21	35	-	20	-
75-77	61	-	57	42	-	66	-
78-80	93	-	28	65	-	-	-
81-83	11	-	31	30	-	20	-
84-86	11	-	49	53	-	-	-
87-89	61	-	41	35	-	20	-
90-92	22	-	23	18	-	-	-
93-95	39	-	11	-	-	20	-
96-98	-	-	5	6	-	-	-
99-101	11	-	-	-	-	-	-
102-104	-	-	-	-	-	-	-
105-107	-	-	-	-	-	-	-
108-110	-	-	-	6	-	-	-
111-113	-	-	-	-	-	-	-
114-116	-	-	-	6	-	-	-
TOTAL 0/00	1000	999	1000	999	1000	1001	1001
SERIAL NUMBERS	-	-	-	-	-	-	-
NUMBER OF SAMPLES	3	1	4	2	1	1	1
NUMBER OF FISH MEASURED	126	40	207	126	100	45	88
MEAN LENGTH (CM)	69.23	60.88	65.81	63.50	50.31	62.07	55.16
MEAN WEIGHT (KG)	3.71	2.50	3.26	3.23	1.40	2.46	1.83
TOTAL WEIGHT LANDED (TONS)	208	145	202	359	186	372	240
ESTIMATED NUMBER LANDED ¹⁾	0.0560	0.0580	0.0620	0.1110	0.1330	0.1510	0.1310
MESH SIZE (INCHES)	4.5	4.5	4.5	4.5	4.5	4.5	4.5
RANGE OF DEPTHS (FM)	12-160	15-90	25-110	30-90	30-120	30-100	10-105

1) FIGURES GIVEN IN HUNDREDS

TABLE 29

LENGTH FREQUENCIES - COD - 52 - 1962

(FREQUENCIES IN $^{\circ}/_{00}$ - 3 CM GROUPS)

GEAR	OTTER TRAWL			NK			
	(COMMERCIAL)	(NK)		(COMMERCIAL)			
CATCHES/LANDINGS	LANDINGS	NK		LANDINGS			
MONTH	AUGUST	JUNE	JULY	JANUARY	FEBRUARY	MARCH	APRIL
COUNTRY	CANADA(M)	U. S. S. R.		UNITED STATES			
TONNAGE	151-500	NK		25-377			
30-32	-	2	-	-	-	-	-
33-35	-	2	-	-	-	-	-
36-38	-	5	10	-	-	-	-
39-41	-	30	-	10	-	1	-
42-44	8	13	90	16	2	21	7
45-47	34	22	30	35	19	21	34
48-50	42	38	110	51	64	60	51
51-53	23	61	70	133	114	128	125
54-56	125	85	60	161	76	138	168
57-59	135	90	90	145	67	95	140
60-62	116	110	120	103	30	101	93
63-65	164	87	120	104	48	60	61
66-68	135	122	100	91	73	66	76
69-71	58	65	50	77	67	61	59
72-74	58	84	70	43	90	29	55
75-77	14	49	10	17	67	31	32
78-80	-	25	30	11	57	44	40
81-83	-	21	10	-	94	20	31
84-86	19	17	-	3	103	31	22
87-89	21	22	10	-	17	17	3
90-92	17	16	20	-	11	41	3
93-95	27	9	-	-	-	32	-
96-98	2	11	-	-	-	3	-
99-101	-	5	-	-	-	-	-
102-104	2	3	-	-	-	-	-
105-107	-	-	-	-	-	-	-
108-110	-	2	-	-	-	-	-
111-113	-	-	-	-	-	-	-
114-116	-	-	-	-	-	-	-
117-119	-	2	-	-	-	-	-
120-122	-	-	-	-	-	-	-
123-125	-	-	-	-	-	-	-
126-128	-	-	-	-	-	-	-
129-131	-	2	-	-	-	-	-
TOTAL $^{\circ}/_{00}$	1000	1000	1000	1000	999	1000	1000
SERIAL NUMBERS	30	-	-	-	-	-	-
NUMBER OF SAMPLES	1	11	3	4	3	6	6
NUMBER OF FISH MEASURED	316	632	100	330	294	515	555
MEAN LENGTH (CM)	63.79	64.72	60.13	60.36	68.76	65.05	62.58
MEAN WEIGHT (KG)	3.03	-	-	2.39	3.63	2.58	2.73
TOTAL WEIGHT LANDED (TONS)	-	-	-	974	941	1574	1665
ESTIMATED NUMBER LANDED ¹⁾	-	-	-	0.4070	0.2590	0.6100	0.6100
MESH SIZE (INCHES)	4 $\frac{1}{2}$	-	-	4.5	4.5	4.5	4.5
RANGE OF DEPTHS (FM)	35-60	54-70	27-54	10-145	10-140	10-120	8-130

1) FIGURES GIVEN IN HUNDREDS

TABLE 29
(CONT'D)

LENGTH FREQUENCIES - COD - 5Z - 1962

(FREQUENCIES IN ‰ - 3 CM GROUPS)

GEAR	NK (COMMERCIAL)							
CATCHES/LANDINGS	LANDINGS							
MONTH	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
COUNTRY	UNITED STATES							
TONNAGE	25-377							
39-41	-	-	5	-	26	2	6	9
42-44	51	12	24	25	82	8	35	21
45-47	97	37	58	102	143	54	54	47
48-50	157	66	92	148	199	115	131	88
51-53	293	106	95	149	140	155	179	108
54-56	227	115	84	126	118	125	199	114
57-59	81	222	128	129	120	112	114	109
60-62	29	169	109	113	110	130	71	103
63-65	22	98	113	102	72	113	88	74
66-68	8	51	75	30	29	87	74	59
69-71	12	34	61	36	9	45	43	65
72-74	10	39	64	17	4	19	23	53
75-77	6	31	45	12	3	10	6	47
78-80	5	9	25	8	2	9	14	32
81-83	2	10	11	1	1	5	6	41
84-86	-	1	2	2	1	7	4	18
87-89	-	-	8	-	-	1	1	6
90-92	-	-	-	-	-	1	1	6
93-95	-	-	-	-	-	1	3	-
96-98	-	-	-	-	-	1	4	-
99-101	-	-	-	-	-	-	2	-
102-104	-	-	-	-	-	-	1	-
105-107	-	-	-	-	-	-	-	-
108-110	-	-	-	-	-	-	1	-
TOTAL ‰	1000	1000	999	1000	999	1000	1000	1000
SERIAL NUMBERS	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	5	4	11	8	5	10	10	3
NUMBER OF FISH MEASURED	454	320	1086	814	579	1002	824	340
MEAN LENGTH (CM)	54.06	60.36	61.47	57.17	54.47	59.35	58.48	62.40
MEAN WEIGHT (KG)	2.01	2.39	2.59	2.07	1.78	2.30	2.24	2.74
TOTAL WEIGHT LANDED (TONS)	1578	1412	1603	1348	1122	1582	831	599
ESTIMATED NUMBER LANDED ¹⁾	0.7840	0.5910	0.6180	0.6520	0.6290	0.6870	0.3710	0.2190
MESH SIZE (INCHES)	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
RANGE OF DEPTHS (FM)	12-110	12-110	14-135	13-120	15-130	10-138	10-130	15-130

1) FIGURES GIVEN IN HUNDREDS

TABLE 30

AGE FREQUENCIES - COD - IA¹⁾ - 1962

(FREQUENCIES IN 0/00)

GEAR		GREENLANDERS ¹ (NK)					
CATCHES/LANDINGS		NK					
MONTH		AUGUST					
COUNTRY		DENMARK (GREENLAND)					
TONNAGE		NK					
YEAR-CLASS	AGE	0/00 FREQUENCY			MEAN LENGTH		
		00	00	TOT.	00	00	TOT.
1958	4	40	20	60	51.8	53.0	52.2
1957	5	440	440	880	56.4	57.6	57.0
1956	6	10	-	10	57.0	-	57.0
1955	7	10	-	10	84.0	-	84.0
1954	8	-	10	10	-	91.0	91.0
1953	9	-	10	10	-	100.0	100.0
1952	10	10	-	10	90.0	-	90.0
1951	11	-	10	10	-	88.0	88.0
TOTAL 0/00		510	490	1000			
SERIAL NUMBERS		-	-	5			
NUMBER OF SAMPLES		-	-	-			
NUMBER OF FISH AGED		-	-	100			
MEAN AGE		-	-	5.4			
MEAN WEIGHT (KG)		-	-	-			
TOTAL WEIGHT LANDED (TONS)		-	-	-			
ESTIMATED NUMBER LANDED		-	-	-			
MESH OR HOOK SIZE		-	-	-			
RANGE OF DEPTHS (FM)		-	-	-			

1) CLAUSHAVN

TABLE 31

AGE FREQUENCIES - COD - IB - 1962

(FREQUENCIES IN ‰)

GEAR		OTTER TRAWL											
		(COMMERCIAL)						(NK)					
CATCHES/LANDINGS		LANDINGS						NK					
MONTH		APRIL						MAY					
COUNTRY		DENMARK (F)						U. S. S. R.					
TONNAGE		955						1800					
YEAR-CLASS	AGE	‰/OO FREQUENCY			MEAN LENGTH			‰/OO FREQUENCY			MEAN LENGTH		
		00	99	TOT.	00	99	TOT.	00	99	TOT.	00	99	TOT.
1959	3	-	-	-	-	-	-	77	43	120	38.70	39.77	39.08
1958	4	40	9	49	51.0	54.0	51.5	80	46	126	49.00	47.07	48.29
1957	5	453	462	915	58.9	59.2	59.0	313	415	728	54.97	54.88	54.92
1956	6	2	18	20	49.5	67.9	65.8	20	6	26	61.00	68.50	62.88
1955	7	2	7	9	67.5	69.5	69.0	-	-	-	-	-	-
1954	8	2	-	2	67.5	-	67.5	-	-	-	-	-	-
1953	9	2	2	4	58.5	85.5	72.0	-	-	-	-	-	-
TOTAL ‰/OO		501	498	999				490	510	1000			
SERIAL NUMBERS		-	-	-				-	-	-			
NUMBER OF SAMPLES		-	-	3				-	-	1			
NUMBER OF FISH AGED		225	223	448				147	153	300			
MEAN AGE		5.0	5.1	5.0				4.56	4.75	4.66			
MEAN WEIGHT (KG)		-	-	-				1.23	1.29	1.26			
TOTAL WEIGHT LANDED (TONS)		-	-	-				-	-	-			
ESTIMATED NUMBER LANDED		-	-	-				-	-	-			
MESH OR HOOK SIZE		-	-	-				-	-	-			
RANGE OF DEPTHS (FM)		-	-	30-150				-	-	52-58			

(CONT'D)

GEAR		LONG LINE AND HAND LINE (NK)											
		JULY 1)						JULY 1)					
CATCHES/LANDINGS		DENMARK (GREENLAND)						NK					
MONTH		JULY 1)						JULY 1)					
COUNTRY		DENMARK (GREENLAND)						NK					
TONNAGE		955						1800					
YEAR-CLASS	AGE	‰/OO FREQUENCY			MEAN LENGTH			‰/OO FREQUENCY			MEAN LENGTH		
		00	99	TOT.	00	99	TOT.	00	99	TOT.	00	99	TOT.
1959	3	-	5	5	-	39.0	39.0	18	9	27	45.0	44.5	44.8
1958	4	20	15	35	52.5	52.3	52.4	84	119	203	51.1	50.8	50.9
1957	5	251	236	487	60.5	60.1	60.4	327	341	668	61.4	61.0	61.2
1956	6	30	50	80	65.7	71.5	69.3	-	18	18	-	74.5	74.5
1955	7	30	30	60	75.3	79.5	77.4	9	18	27	76.5	80.0	78.8
1954	8	20	20	40	78.8	83.3	81.0	9	4	13	76.5	80.0	77.7
1953	9	50	60	110	81.5	84.8	83.3	13	13	26	81.7	87.3	84.5
1952	10	10	5	15	77.5	91.0	82.0	4	-	4	84.0	-	84.0
1951	11	5	10	15	83.0	79.0	80.3	-	-	-	-	-	-
1950	12	15	15	30	83.7	99.3	91.5	4	4	8	79.0	87.0	84.0
1949	13	-	-	-	-	-	-	-	-	-	-	-	-
1948	14	5	-	5	84.0	-	84.0	-	-	-	-	-	-
1947	15	10	55	65	89.0	95.6	94.6	-	4	4	-	107.0	107.0
1946	16	5	5	10	81.0	95.0	88.0	-	-	-	-	-	-
1945	17	10	5	15	97.5	94.0	96.3	-	-	-	-	-	-
1944	18	5	-	5	113.0	-	113.0	-	-	-	-	-	-
1943	19	-	-	-	-	-	-	-	-	-	-	-	-
1942	20	15	5	20	108.3	115.0	110.0	-	-	-	-	-	-
TOTAL ‰/OO		481	516	997				468	530	998			
SERIAL NUMBERS		-	-	1				-	-	2			
NUMBER OF SAMPLES		-	-	-				-	-	-			
NUMBER OF FISH AGED		-	-	199				-	-	226			
MEAN AGE		-	-	7.5				-	-	5.1			
MEAN WEIGHT (KG)		-	-	-				-	-	-			
TOTAL WEIGHT LANDED (TONS)		-	-	-				-	-	-			
ESTIMATED NUMBER LANDED		-	-	-				-	-	-			
MESH OR HOOK SIZE		-	-	-				-	-	-			
RANGE OF DEPTHS (FM)		-	-	33-87				-	-	33-87			

1) STORE HELLEFISKE BANK

TABLE 31
(CONT'D)

AGE FREQUENCIES - COD - IB - 1962

(FREQUENCIES IN ‰)

GEAR		LINE (COMMERCIAL)											
CATCHES/LANDINGS		CATCHES											
MONTH		JULY						AUGUST					
COUNTRY		PORTUGAL											
TONNAGE		1171											
YEAR-CLASS	AGE	‰ FREQUENCY			MEAN LENGTH			‰ FREQUENCY			MEAN LENGTH		
		00	00	TOT.	00	00	TOT.	00	00	TOT.	00	00	TOT.
1959	3	7	3	10	44.5	43.0	43.8	4	4	8	41.0	43.5	42.3
1958	4	23	37	60	51.0	50.9	51.0	48	60	108	50.6	50.9	50.8
1957	5	291	378	669	60.0	58.9	59.5	317	330	647	59.7	60.2	60.0
1956	6	24	60	84	62.6	61.9	62.3	44	48	92	65.7	65.8	65.8
1955	7	13	17	30	74.0	77.0	75.5	8	16	24	75.8	76.1	76.0
1954	8	27	20	47	77.1	83.2	80.2	6	16	22	76.7	79.3	78.0
1953	9	17	10	27	80.4	89.7	86.9	28	28	56	79.6	83.6	81.6
1952	10	10	7	17	87.7	85.0	86.4	12	4	16	84.2	85.0	84.6
1951	11	3	3	6	96.0	99.0	97.5	6	4	10	85.7	93.0	89.4
1950	12	3	7	10	91.0	102.0	96.5	6	2	8	83.7	94.0	88.9
1949	13	-	7	7	-	102.5	102.5	2	2	4	96.0	91.0	93.5
1948	14	7	-	7	108.0	-	108.0	2	2	4	99.0	98.0	98.5
1947	15	10	10	20	102.0	97.7	99.9	-	-	-	-	-	-
1946	16	3	3	6	100.0	109.0	104.5	-	-	-	-	-	-
TOTAL ‰		438	562	1000				483	516	999			
SERIAL NUMBERS		-	-	29-30-32				33-36-38-41-47					
NUMBER OF SAMPLES		-	-	3				5					
NUMBER OF FISH AGED		-	-	299				499					
MEAN AGE		-	-	5.9				5.7					
MEAN WEIGHT (KG)		-	-	-				-					
TOTAL WEIGHT LANDED (TONS)		-	-	-				-					
ESTIMATED NUMBER LANDED		-	-	-				-					
MESH OR HOOK SIZE		-	-	14½				14½					
RANGE OF DEPTHS (FM)		-	-	12-45				12-30					

(CONT'D)

GEAR		LINE (COMMERCIAL)						GREENLANDERS' (NK)					
CATCHES/LANDINGS		CATCHES						NK					
MONTH		SEPTEMBER						JUNE					
COUNTRY		PORTUGAL						DENMARK (GREENLAND) 1)					
TONNAGE		1171						NK					
YEAR-CLASS	AGE	‰ FREQUENCY			MEAN LENGTH			‰ FREQUENCY			MEAN LENGTH		
		00	00	TOT.	00	00	TOT.	00	00	TOT.	00	00	TOT.
1959	3	20	5	25	42.8	47.0	44.9	-	-	-	-	-	-
1958	4	56	40	96	49.7	52.0	50.9	10	10	20	50.0	50.0	50.0
1957	5	301	337	638	59.7	60.8	60.3	280	430	710	56.6	57.1	56.9
1956	6	55	35	90	66.8	64.3	65.6	40	50	90	63.0	60.0	61.3
1955	7	25	25	50	75.6	76.8	76.2	-	20	20	-	67.0	67.0
1954	8	15	15	30	86.0	80.7	83.4	10	10	20	70.0	66.0	68.0
1953	9	35	5	40	76.1	82.0	79.1	50	50	100	73.0	69.0	71.0
1952	10	-	-	-	-	-	-	-	10	10	-	74.0	74.0
1951	11	5	15	20	75.0	83.7	79.4	-	-	-	-	-	-
1950	12	-	5	5	-	96.0	96.0	20	-	20	80.0	-	80.0
1949	13	-	-	-	-	-	-	-	-	-	-	-	-
1948	14	5	-	5	81.0	-	81.0	-	-	-	-	-	-
1947	15	-	-	-	-	-	-	-	-	-	-	-	-
1946	16	-	-	-	-	-	-	-	-	-	-	-	-
1945	17	-	-	-	-	-	-	-	-	-	-	-	-
1944	18	-	-	-	-	-	-	-	10	10	-	90.0	90.0
TOTAL ‰		517	482	999				410	590	1000			
SERIAL NUMBERS		-	-	48-49				-	-	9			
NUMBER OF SAMPLES		-	-	2				-	-	-			
NUMBER OF FISH AGED		-	-	199				-	-	100			
MEAN AGE		-	-	5.5				-	-	5.9			
MEAN WEIGHT (KG)		-	-	-				-	-	-			
TOTAL WEIGHT LANDED (TONS)		-	-	-				-	-	-			
ESTIMATED NUMBER LANDED		-	-	-				-	-	-			
MESH OR HOOK SIZE		-	-	14½				-	-	-			
RANGE OF DEPTHS (FM)		-	-	25-32				-	-	-			

1) AMERLOQ, HOLSTEINDBORG

TABLE 31
(CONT'D)

AGE FREQUENCIES - COD - IB - 1962

(FREQUENCIES IN 0/00)

GEAR		GREENLANDERS' (NK)																	
CATCHES/LANDINGS		NK																	
MONTH		JUNE-JULY						JULY											
COUNTRY		DENMARK (GREENLAND) 1)																	
TONNAGE		NK																	
YEAR-CLASS	AGE	0/00 FREQUENCY			MEAN LENGTH			0/00 FREQUENCY			MEAN LENGTH								
		00	99	TOT.	00	99	TOT.	00	99	TOT.	00	99	TOT.						
1959	3	5	5	10	42.0	39.0	40.5	-	-	-	-	-	-						
1958	4	26	57	83	44.0	52.1	49.6	-	12	12	-	57.0	57.0						
1957	5	280	466	746	62.1	63.2	62.8	1812)	494	679	59.4	58.2	58.5						
1956	6	21	21	41	69.3	67.5	68.4	36	24	60	69.0	72.5	70.4						
1955	7	31	31	62	74.7	75.0	74.8	36	60	95	81.7	73.2	76.4						
1954	8	-	21	21	-	82.0	82.0	24	12	36	80.0	75.0	78.3						
1953	9	5	10	16	75.0	90.0	85.0	96	-	95	81.9	-	81.9						
1952	10	5	-	5	87.0	-	87.0	-	-	-	-	-	-						
1951	11	-	-	-	-	-	-	-	-	-	-	-	-						
1950	12	5	5	10	95.0	95.0	95.0	12	12	24	81.0	85.0	84.0						
1949	13	-	-	-	-	-	-	-	-	-	-	-	-						
1948	14	-	-	-	-	-	-	-	-	-	-	-	-						
1947	15	-	5	5	-	99.0	99.0	-	-	-	-	-	-						
TOTAL 0/00		378	621	999	/			385	614	1001	/								
SERIAL NUMBERS		-	-	11										-	-	7			
NUMBER OF SAMPLES		-	-	-										-	-	-			
NUMBER OF FISH AGED		-	-	193										-	-	842)			
MEAN AGE		-	-	5.3										-	-	5.9			
MEAN WEIGHT (KG)		-	-	-										-	-	-			
TOTAL WEIGHT LANDED (TONS)		-	-	-										-	-	-			
ESTIMATED NUMBER LANDED		-	-	-										-	-	-			
MESH OR HOOK SIZE		-	-	-										-	-	-			
RANGE OF DEPTHS (FM)		-	-	-										-	-	-			

(CONT'D)

GEAR		GREENLANDERS' (NK)																	
CATCHES/LANDINGS		NK																	
MONTH		SEPTEMBER						SEPTEMBER-OCTOBER											
COUNTRY		DENMARK (GREENLAND) 1)																	
TONNAGE		NK																	
YEAR-CLASS	AGE	0/00 FREQUENCY			MEAN LENGTH			0/00 FREQUENCY			MEAN LENGTH								
		00	99	TOT.	00	99	TOT.	00	99	TOT.	00	99	TOT.						
1959	3	-	-	-	-	-	-	5	-	5	43.5	-	43.5						
1958	4	51	77	128	52.8	49.8	51.0	33	23	56	50.5	52.9	51.3						
1957	5	269	449	718	63.1	65.4	64.5	335	499	834	57.7	59.7	58.9						
1956	6	26	38	64	74.0	70.3	71.8	10	30	40	67.3	72.5	71.2						
1955	7	13	13	26	80.0	86.0	83.0	8	3	11	69.7	90.0	74.8						
1954	8	-	13	13	-	92.0	92.0	10	-	10	74.8	-	74.8						
1953	9	-	38	38	-	81.0	81.0	20	13	33	79.0	78.0	78.6						
1952	10	-	-	-	-	-	-	3	-	3	100.0	-	100.0						
1951	11	-	-	-	-	-	-	-	-	-	-	-	-						
1950	12	-	-	-	-	-	-	3	3	6	82.0	93.0	87.5						
1949	13	-	-	-	-	-	-	-	-	-	-	-	-						
1948	14	13	-	13	85.0	-	85.0	-	-	-	-	-	-						
1947	15	-	-	-	-	-	-	3	3	6	95.0	79.0	87.0						
TOTAL 0/00		372	628	1000	/			430	574	1004	/								
SERIAL NUMBERS		-	-	12										-	-	8			
NUMBER OF SAMPLES		-	-	-										-	-	-			
NUMBER OF FISH AGED		-	-	78										-	-	397			
MEAN AGE		-	-	5.3										-	-	5.2			
MEAN WEIGHT (KG)		-	-	-										-	-	-			
TOTAL WEIGHT LANDED (TONS)		-	-	-										-	-	-			
ESTIMATED NUMBER LANDED		-	-	-										-	-	-			
MESH OR HOOK SIZE		-	-	-										-	-	-			
RANGE OF DEPTHS (FM)		-	-	-										-	-	-			

1) JUNE-JULY - ITIVLEK, HOLSTEINSBORG
 JULY - EGEDSMINDE
 SEPTEMBER - ITIVLEK, HOLSTEINSBORG
 SEPTEMBER-OCTOBER - IKERASAK

2) ONE NOT MEASURED

TABLE 31
(CONT'D)

AGE FREQUENCIES - COD - IB - 1962

(FREQUENCIES IN ‰)

GEAR		GREENLANDERS' (NK)											
CATCHES/LANDINGS		NK											
MONTH		OCTOBER						DECEMBER					
COUNTRY		DENMARK (GREENLAND) ¹⁾											
TONNAGE		NK											
YEAR-CLASS	AGE	‰ FREQUENCY			MEAN LENGTH			‰ FREQUENCY			MEAN LENGTH		
		00	00	Tot.	00	00	Tot.	00	00	Tot.	00	00	Tot.
1958	4	-	-	-	-	-	-	7	7	13	57.0	41.0	49.0
1957	5	72	129 ²⁾	204	60.1	62.2	59.5	-	7	7	-	56.0	56.0
1956	6	10	21	31	73.0	74.8	74.2	7	-	7	75.0	-	75.0
1955	7	15	10	26	78.7	83.0	80.2	20	-	20	79.3	-	79.3
1954	8	10	152 ²⁾	31	74.0	86.7	81.6	46	46 ³⁾	91	81.9	84.0	82.9
1953	9	113	191	301	84.9	87.3	86.4	144	157	301	79.9	81.9	81.0
1952	10	26	26	51	79.0	90.0	84.5	-	13	20 ³⁾	-	93.5	87.7
1951	11	10	15	26	95.5	98.7	97.4	13	39	52	78.0	87.0	84.8
1950	12	26	67	92	94.8	94.7	94.7	130	72	203	85.6	89.8	87.1
1949	13	5	-	5	102.0	-	102.0	7	-	7	77.0	-	77.0
1948	14	5	15	20	113.0	102.6	105.3	7	13	20 ³⁾	78.0	89.5	85.7
1947	15	77	103	179	92.9	97.6	95.6	118	91	216	86.6	88.2	87.5
1946	16	10	5	15	89.5	92.0	90.3	-	-	-	-	-	-
1945	17	5	-	5	91.0	-	91.0	13	13	26	90.0	94.0	92.0
1944	18	-	5	5	-	103.0	103.0	-	-	-	-	-	-
1943	19	-	10	10	-	107.0	107.0	7	-	7	83.0	-	83.0
1942	20	-	-	-	-	-	-	-	13	13	-	105.0	105.0
TOTAL ‰		384	612	1001				519	471	1003			
SERIAL NUMBERS		-	-	6				-	-	10			
NUMBER OF SAMPLES		-	-	-				-	-	-			
NUMBER OF FISH AGED		-	-	196 ²⁾				-	-	153			
MEAN AGE		-	-	9.9				-	-	11.1			
MEAN WEIGHT (KG)		-	-	-				-	-	-			
TOTAL WEIGHT LANDED (TONS)		-	-	-				-	-	-			
ESTIMATED NUMBER LANDED		-	-	-				-	-	-			
MESH OR HOOK SIZE		-	-	-				-	-	-			
RANGE OF DEPTHS (FM)		-	-	-				-	-	-			

1) OCTOBER - AKUNAK, EGEDSMINDE
 DECEMBER - AMERLOK, HOLSTEINSBORG

2) ONE NOT MEASURED

3) TWO NOT MEASURED

TABLE 32

AGE FREQUENCIES - COD - IC - 1962

(FREQUENCIES IN ‰)

GEAR		OTTER TRAWL (COMMERCIAL)													
CATCHES/LANDINGS		LANDINGS													
MONTH		FEBRUARY						MARCH							
COUNTRY		GERMANY						DENMARK (F)							
TONNAGE		962						955							
YEAR-CLASS	AGE	‰ FREQUENCY			MEAN LENGTH			‰ FREQUENCY			MEAN LENGTH				
		00	99	TOT.	00	99	TOT.	00	99	TOT.	00	99	TOT.		
1958	4	-	-	18	-	-	-	14	13	27	52.9	52.5	52.7		
1957	5	-	-	708	-	-	58.3	402	347	749	61.1	62.3	61.7		
1956	6	-	-	107	-	-	67.6	42	53	95	69.5	70.5	70.1		
1955	7	-	-	56	-	-	-	18	27	45	71.3	76.4	74.4		
1954	8	-	-	27	-	-	-	9	11	20	76.7	74.6	75.6		
1953	9	-	-	68	-	-	-	15	28	43	79.2	80.7	80.2		
1952	10	-	-	4	-	-	-	3	5	8	81.0	82.1	81.8		
1951	11	-	-	3	-	-	-	1	1	2	76.5	97.5	87.0		
1950	12	-	-	1	-	-	-	1	2	3	91.5	90.5	90.8		
1949	13	-	-	-	-	-	-	1	-	1	85.5	-	85.5		
1948	14	-	-	2	-	-	-	-	-	-	-	-	-		
1947	15	-	-	6	-	-	-	2	2	4	88.5	98.2	93.3		
1946	16	-	-	-	-	-	-	-	-	-	-	-	-		
1945	17	-	-	-	-	-	-	-	1	1	-	108.0	108.0		
1944	18	-	-	-	-	-	-	-	-	-	-	-	-		
1943	19	-	-	-	-	-	-	1	1	2	73.5	137.5	105.5		
1942	20	-	-	-	-	-	-	-	1	1	-	97.5	97.5		
1941	21	-	-	-	-	-	-	1	-	1	112.5	-	112.5		
TOTAL ‰		-	-	1000	/			510	492	1002	/				
SERIAL NUMBERS		-	-	4,5				-	-	-				-	-
NUMBER OF SAMPLES		-	-	2				-	-	-				-	11
NUMBER OF FISH AGED		-	-	329				746	723	1469				-	-
MEAN AGE		-	-	5.68				5.4	5.7	5.6				-	-
MEAN WEIGHT (KG)		-	-	-				-	-	-				-	-
TOTAL WEIGHT LANDED (TONS)		-	-	572				-	-	-				-	-
ESTIMATED NUMBER LANDED		-	-	287863				-	-	-				-	-
MESH SIZE (MM)		-	-	110				-	-	-				-	-
RANGE OF DEPTHS (FM)		-	-	-				-	-	60-180				-	-

GEAR		OTTER TRAWL (COMMERCIAL)													
CATCHES/LANDINGS		LANDINGS													
MONTH		APRIL						DECEMBER							
COUNTRY		DENMARK (F)						GERMANY							
TONNAGE		955						648							
YEAR-CLASS	AGE	‰ FREQUENCY			MEAN LENGTH			‰ FREQUENCY			MEAN LENGTH				
		00	99	TOT.	00	99	TOT.	00	99	TOT.	00	99	TOT.		
1959	3	-	-	-	-	-	-	-	-	29	-	-	-		
1958	4	23	14	37	52.7	53.6	53.0	-	-	80	-	-	-		
1957	5	405	341	746	61.0	62.1	61.5	-	-	771	-	-	63.4		
1956	6	51	58	109	70.4	71.5	70.9	-	-	38	-	-	-		
1955	7	9	14	23	75.2	74.9	75.0	-	-	22	-	-	-		
1954	8	11	6	17	76.5	83.5	79.1	-	-	-	-	-	-		
1953	9	24	24	48	79.8	81.8	80.4	-	-	37	-	-	-		
1952	10	-	5	5	-	86.3	86.3	-	-	6	-	-	-		
1951	11	1	1	2	79.5	91.5	85.5	-	-	-	-	-	-		
1950	12	-	6	7	-	89.7	89.7	-	-	5	-	-	-		
1949	13	1	-	1	79.5	-	79.5	-	-	-	-	-	-		
1947	15	1	1	1	91.5	106.5	99.0	-	-	12	-	-	-		
1945	17	-	1	1	-	91.5	91.5	-	-	-	-	-	-		
1942	20	-	1	1	-	94.5	94.5	-	-	-	-	-	-		
TOTAL ‰		526	472	998	/			-	-	1000	/				
SERIAL NUMBERS		-	-	-				-	-	67				-	-
NUMBER OF SAMPLES		-	-	7				-	-	1				-	-
NUMBER OF FISH AGED		420	377	797				-	-	195				-	-
MEAN AGE		5.4	5.7	5.5				-	-	5.23				-	-
MEAN WEIGHT (KG)		-	-	-				-	-	-				-	-
TOTAL WEIGHT LANDED (TONS)		-	-	-				-	-	175				-	-
ESTIMATED NUMBER LANDED		-	-	-				-	-	78998				-	-
MESH SIZE (MM)		-	-	-				-	-	110				-	-
RANGE OF DEPTHS (FM)		-	-	50-180				-	-	-				-	-

TABLE 32
(CONT'D)

AGE FREQUENCIES - COD - IC - 1962

(FREQUENCIES IN 0/00)

GEAR		LINE (COMMERCIAL)											
CATCHES/LANDINGS		CATCHES											
MONTH		MAY						JUNE					
COUNTRY		PORTUGAL											
TONNAGE		NK											
YEAR-CLASS	AGE	0/00 FREQUENCY			MEAN LENGTH			0/00 FREQUENCY			MEAN LENGTH		
		00	99	TOT.	00	99	TOT.	00	99	TOT.	00	99	TOT.
1959	3	-	-	-	-	-	-	9	9	18	40.0	40.7	40.4
1958	4	10	20	30	53.0	51.0	52.0	34	32	66	49.8	50.1	50.0
1957	5	20	41	61	54.0	62.8	58.4	200	287	487	59.2	60.1	59.7
1956	6	20	31	51	66.5	64.7	65.6	63	60	123	65.7	65.2	65.5
1955	7	40	41	81	74.5	80.0	77.3	23	23	46	74.9	73.4	74.2
1954	8	60	71	131	74.5	81.0	77.8	20	23	43	75.9	77.4	76.7
1953	9	81	303	384	80.4	82.6	81.5	40	37	77	80.9	84.6	82.8
1952	10	40	51	91	77.5	81.4	79.5	14	20	34	73.4	82.6	78.0
1951	11	20	20	40	77.0	80.7	78.8	3	11	14	77.0	85.5	81.3
1950	12	20	41	61	86.5	84.5	85.5	9	17	26	86.0	86.0	86.0
1949	13	-	10	10	-	113.0	113.0	-	9	9	-	88.3	88.3
1948	14	10	10	20	81.0	93.0	82.0	9	11	20	85.9	94.0	89.5
1947	15	10	30	40	82.0	87.0	84.5	11	20	31	90.8	85.9	88.4
1946	16	-	-	-	-	-	-	-	3	3	-	85.0	85.0
1943	17	-	-	-	-	-	-	-	3	3	-	89.0	89.0
TOTAL 0/00		331	669	1000				435	565	1000			
SERIAL NUMBERS		-	-	3				-	4-7-13-14				
NUMBER OF SAMPLES		-	-	1				-	-	4			
NUMBER OF FISH AGED		-	-	99				-	-	349			
MEAN AGE		-	-	8.9				-	-	6.6			
MEAN WEIGHT (KG)		-	-	-				-	-	-			
TOTAL WEIGHT LANDED (TONS)		-	-	-				-	-	-			
ESTIMATED NUMBER LANDED		-	-	-				-	-	-			
MESH OR HOOK SIZE		-	-	14½				-	-	14½			
RANGE OF DEPTHS (FM)		-	-	75				-	-	40-100			

(CONT'D)

GEAR		LINE (COMMERCIAL)											
CATCHES/LANDINGS		CATCHES											
MONTH		JULY						JULY					
COUNTRY		PORTUGAL											
TONNAGE		NK											
YEAR-CLASS	AGE	0/00 FREQUENCY			MEAN LENGTH			0/00 FREQUENCY			MEAN LENGTH		
		00	99	TOT.	00	99	TOT.	00	99	TOT.	00	99	TOT.
1958	4	23	37	60	53.0	51.8	52.4	-	10	10	-	50.0	50.0
1957	5	277	323	600	59.9	60.4	60.1	110	110	220	64.6	64.5	64.6
1956	6	67	60	127	67.0	66.0	66.5	30	60	90	73.0	64.7	68.9
1955	7	20	47	67	73.5	75.0	74.5	20	60	80	78.0	76.8	77.4
1954	8	27	20	47	77.7	80.3	79.0	30	120	150	81.0	82.5	81.8
1953	9	30	30	60	80.1	81.0	80.5	60	130	190	81.0	85.2	83.2
1952	10	20	-	20	77.8	-	77.8	20	10	30	88.5	93.0	90.8
1951	11	-	3	3	-	87.0	87.0	30	20	50	93.4	91.5	92.5
1950	12	-	3	3	-	91.0	91.0	20	10	30	94.5	92.0	93.3
1949	13	-	3	3	-	91.0	91.0	-	10	10	-	88.0	88.0
1948	14	7	3	10	83.3	85.0	84.1	50	30	80	87.4	94.0	90.7
1947	15	-	-	-	-	-	-	30	10	40	85.0	105.0	95.0
1946	16	-	-	-	-	-	-	20	-	20	88.5	-	88.5
TOTAL 0/00		471	529	1000				420	580	1000			
SERIAL NUMBERS		-	-	16-25-27				-	-	24			
NUMBER OF SAMPLES		-	-	3				-	-	1			
NUMBER OF FISH AGED		-	-	300				-	-	100			
MEAN AGE		-	-	5.8				-	-	8.5			
MEAN WEIGHT (KG)		-	-	-				-	-	-			
TOTAL WEIGHT LANDED (TONS)		-	-	-				-	-	-			
ESTIMATED NUMBER LANDED		-	-	-				-	-	-			
MESH OR HOOK SIZE		-	-	14½				-	-	14½			
RANGE OF DEPTHS (FM)		-	-	30-40				-	-	27			

TABLE 32
(CONT'D)

AGE FREQUENCIES - COD - IC - 1962

(FREQUENCIES IN 0/00)

GEAR		LINE (COMMERCIAL)						LONG LINE, HAND LINE & GREENLANDERS ¹ (NK)						
CATCHES/LANDINGS		CATCHES						NK						
MONTH		SEPTEMBER						JULY						
COUNTRY		PORTUGAL						DENMARK (GREENLAND)						
TONNAGE		1171						NK						
YEAR-CLASS	AGE	0/00 FREQUENCY			MEAN LENGTH			0/00 FREQUENCY			MEAN LENGTH			
		00	00	Tot.	00	00	Tot.	00	00	Tot.	00	00	Tot.	
1959	3	-	13	13	-	45.0	45.0	-	-	-	-	-	-	-
1958	4	34	53	87	59.2	52.0	52.6	23	45	68	55.0	50.5	59.0	
1957	5	247	303	550	69.4	55.9	59.6	273	500	773	62.9	61.4	61.9	
1956	6	87	103	190	64.9	67.9	66.4	45	91	136	67.5	68.8	68.3	
1955	7	33	30	63	75.4	69.2	72.3	23	-	23	70.0	-	70.0	
1954	8	10	13	23	81.3	81.5	81.4	-	-	-	-	-	-	
1953	9	20	13	33	84.6	85.7	85.1	-	-	-	-	-	-	
1952	10	13	7	20	87.5	82.0	84.8	-	-	-	-	-	-	
1951	11	3	-	3	101.0	-	101.0	-	-	-	-	-	-	
1950	12	3	3	6	90.0	84.0	87.0	-	-	-	-	-	-	
1949	13	3	-	3	90.0	-	90.0	-	-	-	-	-	-	
1948	14	-	7	7	-	91.0	91.0	-	-	-	-	-	-	
TOTAL 0/00		453	545	998				364	636	1000				
SERIAL NUMBERS		-	-	50-51-52				-	-	13				
NUMBER OF SAMPLES		-	-	3				-	-	-				
NUMBER OF FISH AGED		-	-	300				-	-	44				
MEAN AGE		-	-	5.7				-	-	5.1				
MEAN WEIGHT (KG)		-	-	-				-	-	-				
TOTAL WEIGHT LANDED (TONS)		-	-	-				-	-	-				
ESTIMATED NUMBER LANDED		-	-	-				-	-	-				
MESH OR HOOK SIZE		-	-	14 1/2				-	-	-				
RANGE OF DEPTHS (FM)		-	-	30-35				-	-	-				

TABLE 33

AGE FREQUENCIES - COD - ID - 1962

(FREQUENCIES IN ‰)

GEAR		OTTER TRAWL											
		(COMMERCIAL)						(RESEARCH)					
CATCHES/LANDINGS		LANDINGS						CATCHES					
MONTH		MARCH						SEPTEMBER					
COUNTRY		DENMARK (FAROES)						GERMANY					
TONNAGE		955						1000					
YEAR-CLASS	AGE	‰ FREQUENCY			MEAN LENGTH			‰ FREQUENCY			MEAN LENGTH		
		00	99	TOT.	00	99	TOT.	00	99	TOT.	00	99	TOT.
1959	3	-	-	-	-	-	-	-	-	3	-	-	-
1958	4	42	42	84	51.5	50.5	51.0	-	-	37	-	-	-
1957	5	324	296	620	59.8	59.7	59.8	-	-	233	-	-	66.8
1956	6	141	127	268	74.3	73.3	73.8	-	-	430	-	-	76.3
1955	7	-	14	14	-	78.0	78.0	-	-	81	-	-	-
1954	8	-	7	7	-	91.5	91.5	-	-	37	-	-	-
1953	9	-	7	7	-	91.5	91.5	-	-	119	-	-	88.1
1952	10	-	-	-	-	-	-	-	-	7	-	-	-
1951	11	-	-	-	-	-	-	-	-	15	-	-	-
1950	12	-	-	-	-	-	-	-	-	17	-	-	-
1949	13	-	-	-	-	-	-	-	-	11	-	-	-
1957	15	-	-	-	-	-	-	-	-	10	-	-	-
TOTAL ‰		507	493	1000						1000			
SERIAL NUMBERS		-	-	-						K1-20			
NUMBER OF SAMPLES		-	-	2						6			
NUMBER OF FISH AGED		72	70	142						248			
MEAN AGE		5.2	5.3	5.3						6.57			
MEAN WEIGHT (KG)		-	-	-						-			
TOTAL WEIGHT LANDED (TONS)		-	-	-						43			
ESTIMATED NUMBER LANDED		-	-	-						10258			
MESH SIZE (MM)		-	-	-						110			
RANGE OF DEPTHS (FM)		-	-	40-70						20-30			

GEAR		OTTER TRAWL (NK)						LONG LINE & HAND LINE (NK)					
CATCHES/LANDINGS		MAY						MARCH					
MONTH		U. S. S. R.						DENMARK (GREENLAND) 1)					
COUNTRY		1800						NK					
TONNAGE		‰ FREQUENCY			MEAN LENGTH			‰ FREQUENCY			MEAN LENGTH		
YEAR-CLASS	AGE	00	99	TOT.	00	99	TOT.	00	99	TOT.	00	99	TOT.
		1959	3	1	-	1	46.00	-	46.00	-	-	-	-
1958	4	168	163	331	51.23	51.47	51.95	19	10	29	49.5	53.0	50.7
1957	5	122	95	217	62.17	62.41	62.28	352	324	676	59.7	61.6	60.6
1956	6	58	44	102	71.79	72.10	71.92	29	95	124	66.3	67.5	67.2
1955	7	36	27	63	75.72	76.00	75.84	19	48	67	71.5	74.8	73.9
1954	8	23	19	42	79.71	79.71	79.71	-	10	10	-	80.0	80.0
1953	9	107	67	174	81.25	81.30	81.27	-	38	38	-	77.5	77.5
1952	10	9	8	17	82.37	85.00	83.60	-	-	-	-	-	-
1951	11	13	3	16	83.25	87.00	84.00	-	-	-	-	-	-
1950	12	8	8	16	85.43	87.57	86.50	-	10	10	-	89.0	89.0
1949	13	1	-	1	85.00	-	85.00	-	-	-	-	-	-
1948	14	6	2	8	84.40	86.50	85.00	-	-	-	-	-	-
1947	15	4	4	8	84.25	93.25	88.75	10	29	39	86.0	100.3	96.8
1945	17	1	-	1	109.00	-	109.00	-	10	10	-	71.0	71.0
1944	18	2	-	2	88.00	-	88.00	-	-	-	-	-	-
1943	19	1	-	1	91.00	-	91.00	-	-	-	-	-	-
TOTAL ‰		560	440	1000				429	574	1009			
SERIAL NUMBERS		-	-	-				-	-	3			
NUMBER OF SAMPLES		-	-	3				-	-	105			
NUMBER OF FISH AGED		504	396	900				-	-	-			
MEAN AGE		6.42	5.99	6.23				-	-	6.0			
MEAN WEIGHT (KG)		2.74	2.57	2.67				-	-	2.7			
TOTAL WEIGHT LANDED (TONS)		-	-	-				-	-	-			
ESTIMATED NUMBER LANDED		-	-	-				-	-	-			
MESH OR HOOK SIZE		-	-	-				-	-	-			
RANGE OF DEPTHS (FM)		-	-	61-138				-	-	87-191			

1) FYLLA BANK

TABLE 33
(CONT'D)

AGE FREQUENCIES - COD - ID - 1962

(FREQUENCIES IN ‰)

GEAR		LONG LINE & HAND LINE						LONG LINE, HAND LINE & GREENLANDERS ¹					
CATCHES/LANDINGS		(NK)											
MONTH		AUGUST ¹⁾						MARCH ²⁾					
COUNTRY		DENMARK						(GREENLAND)					
TONNAGE		NK											
YEAR-CLASS	AGE	‰ FREQUENCIES			MEAN LENGTH			‰ FREQUENCY			MEAN LENGTH		
		00	99	TOT.	00	99	TOT.	00	99	TOT.	00	99	TOT.
1959	3	-	-	-	-	-	-	-	16	16	-	36.7	36.7
1958	4	21	21	42	55.0	55.3	55.2	16	44	60	44.0	50.5	48.7
1957	5	41	21	62	63.7	65.3	64.2	264	396	659	58.9	59.4	59.2
1956	6	338	263	601	71.2	73.0	72.0	22	60	82	68.0	65.8	66.4
1955	7	55	14	69	75.0	83.0	76.6	5	5	11	60.0	77.0	68.5
1954	8	-	28	28	-	87.0	87.0	-	16	16	-	66.7	66.7
1953	9	62	41	103	85.7	83.5	84.5	11	38	49	74.0	82.3	80.4
1952	10	14	-	14	89.0	-	89.0	-	22	22	-	79.8	79.8
1951	11	7	14	21	90.0	80.0	83.3	11	-	11	81.0	-	81.0
1950	12	14	34	48	78.5	87.8	85.2	22	5	27	79.3	88.0	81.0
1949	13	7	-	7	85.0	-	85.0	-	-	-	-	-	-
1948	14	7	-	7	74.0	-	74.0	-	-	-	-	-	-
1947	15	-	-	-	-	-	-	22	16	38	76.0	82.7	78.9
1945	17	-	-	-	-	-	-	5	-	5	88.0	-	88.0
TOTAL ‰		566	436	1002				378	618	996			
SERIAL NUMBERS		-	-	4				-	-	15			
NUMBER OF SAMPLES		-	-	-				-	-	-			
NUMBER OF FISH AGED		-	-	145				-	-	182			
MEAN AGE		-	-	6.8				-	-	6.1			
MEAN WEIGHT (KG)		-	-	3.6				-	-	2.6			
TOTAL WEIGHT LANDED (TONS)		-	-	-				-	-	-			
ESTIMATED NUMBER LANDED		-	-	-				-	-	-			
MESH OR HOOK SIZE		-	-	-				-	-	-			
RANGE OF DEPTHS (FM)		-	-	150				-	-	66-120			

(CONT'D)

GEAR		LONG LINE, HAND LINE & GREENLANDERS ¹ (NK)											
CATCHES/LANDINGS		NK											
MONTH		APRIL ³⁾						APRIL ²⁾					
COUNTRY		DENMARK						(GREENLAND)					
TONNAGE		NK											
YEAR-CLASS	AGE	‰ FREQUENCY			MEAN LENGTH			‰ FREQUENCY			MEAN LENGTH		
		00	99	TOT.	00	99	TOT.	00	99	TOT.	00	99	TOT.
1959	3	5	10	15	33.0	39.5	37.3	-	-	-	-	-	-
1958	4	73	68	141	50.9	49.5	50.3	17	29	46	48.3	47.8	48.0
1957	5	230	414	644	57.9	60.0	59.2	320	406	726	61.1	60.9	61.0
1956	6	52	120	172	69.0	71.7	70.8	74	91	166	71.2	69.2	70.1
1955	7	5	10	15	60.0	67.0	64.7	-	11	11	-	78.5	78.5
1954	8	-	5	5	-	68.0	68.0	6	-	6	80.0	-	80.0
1953	9	-	5	5	-	69.0	69.0	6	11	17	71.0	83.5	79.3
1952	10	-	-	-	-	-	-	6	-	6	81.0	-	81.0
1950	12	-	-	-	-	-	-	6	-	6	71.0	-	71.0
1947	15	-	-	-	-	-	-	6	6	11	94.0	90.0	92.0
1945	17	-	-	-	-	-	-	-	6	6	-	89.0	89.0
TOTAL ‰		365	632	997				441	560	1001			
SERIAL NUMBERS		-	-	14				-	-	16			
NUMBER OF SAMPLES		-	-	-				-	-	-			
NUMBER OF FISH AGED		-	-	191				-	-	175			
MEAN AGE		-	-	5.1				-	-	5.5			
MEAN WEIGHT (KG)		-	-	2.13				-	-	2.3			
TOTAL WEIGHT LANDED (TONS)		-	-	-				-	-	-			
ESTIMATED NUMBER LANDED		-	-	-				-	-	-			
MESH OR HOOK SIZE		-	-	-				-	-	-			
RANGE OF DEPTHS (FM)		-	-	44				-	-	109-115			

- 1) DANA BANK
- 2) W. F. KOOKØRNE
- 3) NORDLANDET, GMB.

TABLE 33
(CONT'D)

AGE FREQUENCIES - COD - ID - 1962

(FREQUENCIES IN %/00)

GEAR		LONG LINE, HAND LINE & GREENLANDERS ¹ (NK)											
CATCHES/LANDINGS		NK											
MONTH		JULY-AUGUST 1)					AUGUST 2)						
COUNTRY		DENMARK (GREENLAND)											
TONNAGE		NK											
YEAR-CLASS	AGE	%00 FREQUENCIES			MEAN LENGTH			%00 FREQUENCIES			MEAN LENGTH		
		00	00	TOT.	00	00	TOT.	00	00	TOT.	00	00	TOT.
1959	3	-	7	7	-	46.0	46.0	-	-	-	-	-	-
1958	4	109	129	238	48.5	50.5	49.6	46	46	92	52.1	50.4	51.3
1957	5	34	14	48	54.6	51.0	53.6	20	20	40	57.7	63.3	60.5
1956	6	238	293	531	67.6	68.6	68.1	401	355	756	67.0	68.0	67.5
1955	7	27	27	54	78.3	74.3	76.3	-	26	26	-	75.3	75.3
1954	8	-	14	14	-	74.5	74.5	7	-	7	79.0	-	79.0
1953	9	20	27	48	79.7	83.5	81.9	7	33	40	77.0	86.2	84.7
1952	10	7	7	14	75.0	79.0	77.0	-	-	-	-	-	-
1950	12	20	-	20	83.3	-	83.3	7	7	14	81.0	91.0	86.0
1948	14	-	7	7	-	78.0	78.0	7	7	14	80.0	87.0	83.5
1947	15	14	7	20	79.0	84.0	80.7	-	13	13	-	83.5	83.5
TOTAL %00		469	532	1001				495	507	1002			
SERIAL NUMBERS		-	-	17				-	-	18			
NUMBER OF SAMPLES		-	-	-				-	-	-			
NUMBER OF FISH AGED		-	-	147				-	-	152			
MEAN AGE		-	-	6.1				-	-	6.2			
MEAN WEIGHT (KG)		-	-	-				-	-	2.5			
TOTAL WEIGHT LANDED (TONS)		-	-	-				-	-	-			
ESTIMATED NUMBER LANDED		-	-	-				-	-	-			
MESH OR HOOK SIZE		-	-	-				-	-	-			
RANGE OF DEPTHS (FM)		-	-	-				-	-	0-142			

(CONT'D)

GEAR		LINE (COMMERCIAL)											
CATCHES/LANDINGS		CATCHES											
MONTH		MAY					JUNE						
COUNTRY		PORTUGAL											
TONNAGE		1171											
YEAR-CLASS	AGE	%00 FREQUENCY			MEAN LENGTH			%00 FREQUENCY			MEAN LENGTH		
		00	00	TOT.	00	00	TOT.	00	00	TOT.	00	00	TOT.
1959	3	-	-	-	-	-	-	3	7	10	41.0	44.0	42.5
1958	4	27	33	60	51.0	54.2	52.6	44	70	114	49.0	49.9	49.5
1957	5	213	320	533	61.5	61.5	61.5	208	187	395	60.1	61.5	60.8
1956	6	80	113	193	70.6	66.0	68.3	90	131	221	68.0	69.2	68.6
1955	7	7	20	27	77.0	76.0	76.7	24	30	54	71.5	78.3	74.9
1954	8	7	33	40	80.0	79.8	79.9	13	23	36	74.5	84.0	79.3
1953	9	47	33	80	78.4	79.8	79.1	23	34	57	81.7	87.2	84.5
1952	10	-	13	13	-	87.5	87.5	3	-	3	69.0	-	69.0
1951	11	-	7	7	-	92.0	92.0	10	10	20	82.2	84.3	83.3
1950	12	7	27	34	89.0	86.8	87.0	13	7	20	87.2	93.0	90.1
1949	13	7	-	7	87.0	-	87.0	10	10	20	87.3	88.3	87.8
1948	14	-	7	7	-	83.0	83.0	10	17	27	89.0	93.2	91.1
1947	15	-	-	-	-	-	-	7	13	20	85.0	92.7	88.8
1946	16	-	-	-	-	-	-	-	3	3	-	89.0	89.0
TOTAL %00		395	606	1001				458	542	1000			
SERIAL NUMBERS		-	-	1-2				-	-	8-10-11			
NUMBER OF SAMPLES		-	-	2				-	-	3			
NUMBER OF FISH AGED		-	-	150				-	-	299			
MEAN AGE		-	-	6.1				-	-	6.4			
MEAN WEIGHT (KG)		-	-	-				-	-	-			
TOTAL WEIGHT LANDED (TONS)		-	-	-				-	-	-			
ESTIMATED NUMBER LANDED		-	-	-				-	-	-			
MESH OR HOOK SIZE		-	-	14 1/2				-	-	14 1/2			
RANGE OF DEPTHS (FM)		-	-	34-36				-	-	24-40			

1) FREDERIKSHÅB, GREENLANDERS¹
2) FREDERIKSHÅB, HAND LINE

TABLE 33
(CONT'D)

AGE FREQUENCIES - COD - ID - 1962

(FREQUENCIES IN %/00)

GEAR		LINE (COMMERCIAL)					
CATCHES/LANDINGS		CATCHES					
MONTH		JULY					
COUNTRY		PORTUGAL					
TONNAGE		1171					
YEAR-CLASS	AGE	%/00 FREQUENCY			MEAN LENGTH		
		00	00	TOT.	00	00	TOT.
1958	4	5	2	7	53.0	57.0	55.0
1957	5	63	52	115	62.7	63.9	63.3
1956	6	83	90	173	70.2	72.1	71.2
1955	7	25	48	73	73.5	78.8	76.2
1954	8	55	60	115	77.0	84.2	80.6
1953	9	100	78	178	83.2	86.6	84.9
1952	10	40	25	65	84.6	89.8	87.2
1951	11	37	30	67	88.4	91.5	90.0
1950	12	30	25	55	89.8	87.9	88.9
1949	13	15	8	23	90.2	94.7	92.5
1948	14	27	25	52	87.5	95.8	91.7
1947	15	23	27	50	90.2	93.4	91.8
1946	16	10	8	18	90.0	95.3	92.7
1945	17	5	2	7	96.5	95.0	95.8
1944	18	-	2	2	-	96.0	96.0
TOTAL %/00		518	482	1000			
SERIAL NUMBERS		-	-	17-19-20-22			
NUMBER OF SAMPLES		-	-	4			
NUMBER OF FISH AGED		-	-	400			
MEAN AGE		-	-	8.9			
MEAN WEIGHT (KG)		-	-	-			
TOTAL WEIGHT LANDED (TONS)		-	-	-			
ESTIMATED NUMBER LANDED		-	-	-			
MESH OR HOOK SIZE		-	-	14 1/2			
RANGE OF DEPTHS (FM)		-	-	26-30			

TABLE 34

AGE FREQUENCIES - COD - 1E - 1962

(FREQUENCIES IN 0/00)

GEAR		OTTER TRAWL (COMMERCIAL)											
CATCHES/LANDINGS		LANDINGS											
MONTH		MARCH						JUNE					
COUNTRY		GERMANY											
TONNAGE		999 & 1000											
YEAR-CLASS	AGE	0/00 FREQUENCY			MEAN LENGTH			0/00 FREQUENCY			MEAN LENGTH		
		00	99	TOT.	00	99	TOT.	00	99	TOT.	00	99	TOT.
1957	5	-	-	132	-	-	62.1	-	-	93	-	-	-
1956	6	-	-	367	-	-	69.2	-	-	276	-	-	67.5
1955	7	-	-	70	-	-	-	-	-	205	-	-	74.1
1954	8	-	-	106	-	-	76.2	-	-	46	-	-	-
1953	9	-	-	202	-	-	81.8	-	-	203	-	-	82.4
1952	10	-	-	19	-	-	-	-	-	18	-	-	-
1951	11	-	-	11	-	-	-	-	-	35	-	-	-
1950	12	-	-	39	-	-	-	-	-	70	-	-	-
1949	13	-	-	-	-	-	-	-	-	5	-	-	-
1948	14	-	-	5	-	-	-	-	-	3	-	-	-
1947	15	-	-	14	-	-	-	-	-	36	-	-	-
1946	16	-	-	-	-	-	-	-	-	3	-	-	-
1945	17	-	-	14	-	-	-	-	-	3	-	-	-
1943	19	-	-	-	-	-	-	-	-	2	-	-	-
1942	20	-	-	21	-	-	-	-	-	2	-	-	-
TOTAL 0/00		-	-	1000						1000			
SERIAL NUMBERS		-	-	25						54			
NUMBER OF SAMPLES		-	-	1						1			
NUMBER OF FISH AGED		-	-	176						205			
MEAN AGE		-	-	7.7						8.0			
MEAN WEIGHT (KG)		-	-	-						-			
TOTAL WEIGHT LANDED (TONS)		-	-	138						179			
ESTIMATED NUMBER LANDED		-	-	44953						59488			
MESH SIZE (MM)		-	-	110						110			
RANGE OF DEPTHS (FM)		-	-	-						-			
(CONT'D)													
GEAR		OTTER TRAWL (COMMERCIAL)						OTTER TRAWL (NK)					
CATCHES/LANDINGS		LANDINGS						NK					
MONTH		AUGUST						APRIL					
COUNTRY		GERMANY						U. S. S. R.					
TONNAGE		999 & 1000						1800					
YEAR-CLASS	AGE	0/00 FREQUENCY			MEAN LENGTH			0/00 FREQUENCY			MEAN LENGTH		
		00	99	TOT.	00	99	TOT.	00	99	TOT.	00	99	TOT.
1958	4	-	-	122	-	-	54.2	17	-	17	58.60	-	58.60
1957	5	-	-	101	-	-	62.1	170	23	193	61.59	62.71	61.72
1956	6	-	-	740	-	-	67.7	113	73	186	70.53	69.73	70.21
1955	7	-	-	14	-	-	-	80	80	160	74.38	76.87	75.62
1954	8	-	-	-	-	-	-	63	57	120	77.74	78.82	78.25
1953	9	-	-	10	-	-	-	153	97	250	79.39	82.84	80.72
1952	10	-	-	1	-	-	-	17	7	24	80.80	82.00	81.14
1951	11	-	-	-	-	-	-	7	3	10	79.00	79.00	79.00
1950	12	-	-	6	-	-	-	3	17	20	82.00	91.60	90.00
1948	14	-	-	-	-	-	-	3	-	3	88.00	-	88.00
1947	15	-	-	4	-	-	-	17	-	17	85.60	-	85.60
1946	16	-	-	-	-	-	-	-	-	-	-	-	-
1945	17	-	-	2	-	-	-	-	-	-	-	-	-
TOTAL 0/00		-	-	1000				643	357	1000			
SERIAL NUMBERS		-	-	57				-	-	-			
NUMBER OF SAMPLES		-	-	1				-	-	1			
NUMBER OF FISH AGED		-	-	203				193	107	300			
MEAN AGE		-	-	5.8				7.18	7.69	7.36			
MEAN WEIGHT (KG)		-	-	-				3.65	4.50	3.99			
TOTAL WEIGHT LANDED (TONS)		-	-	93				-	-	-			
ESTIMATED NUMBER LANDED		-	-	45914				-	-	-			
MESH SIZE (MM)		-	-	110				-	-	-			
RANGE OF DEPTHS (FM)		-	-	-				-	-	183-188			

TABLE 35

AGE FREQUENCIES - COD - IF - 1962

(FREQUENCIES IN ‰)

GEAR		OTTER TRAWL (COMMERCIAL)											
CATCHES/LANDINGS		LANDINGS											
MONTH		JANUARY						FEBRUARY					
COUNTRY		GERMANY											
TONNAGE		500-900											
YEAR-CLASS	AGE	‰ FREQUENCY			MEAN LENGTH			‰ FREQUENCY			MEAN LENGTH		
		00	99	TOT.	00	99	TOT.	00	99	TOT.	00	99	TOT.
1957	5	-	-	17	-	-	-	-	-	83	-	-	-
1956	6	-	-	668	-	-	62.0	-	-	332	-	-	66.9
1955	7	-	-	116	-	-	68.8	-	-	77	-	-	-
1954	8	-	-	16	-	-	-	-	56	-	-	-	-
1953	9	-	-	99	-	-	81.1	-	-	267	-	-	81.5
1952	10	-	-	20	-	-	-	-	32	-	-	-	-
1951	11	-	-	17	-	-	-	-	12	-	-	-	-
1950	12	-	-	11	-	-	-	-	70	-	-	-	-
1949	13	-	-	6	-	-	-	-	-	-	-	-	-
1948	14	-	-	5	-	-	-	-	5	-	-	-	-
1947	15	-	-	19	-	-	-	-	42	-	-	-	-
1946	16	-	-	5	-	-	-	-	-	-	-	-	-
1945	17	-	-	-	-	-	-	-	24	-	-	-	-
TOTAL ‰		-	-	999	/			-	-	1000	/		
SERIAL NUMBERS		-	-	1				-	-	10			
NUMBER OF SAMPLES		-	-	1				-	-	1			
NUMBER OF FISH AGED		-	-	201				-	-	161			
MEAN AGE		-	-	7.0				-	-	8.2			
MEAN WEIGHT (KG)		-	-	-				-	-	-			
TOTAL WEIGHT LANDED (TONS)		-	-	212				-	-	80			
ESTIMATED NUMBER LANDED		-	-	93851				-	-	24627			
MESH SIZE (MM)		-	-	110				-	-	110			
RANGE OF DEPTHS (FM)		-	-	-				-	-	-			
(CONT'D)													
GEAR		OTTER TRAWL (COMMERCIAL)											
CATCHES/LANDINGS		LANDINGS											
MONTH		APRIL						MAY					
COUNTRY		GERMANY											
TONNAGE		500-900											
YEAR-CLASS	AGE	‰ FREQUENCY			MEAN LENGTH			‰ FREQUENCY			MEAN LENGTH		
		00	99	TOT.	00	99	TOT.	00	99	TOT.	00	99	TOT.
1958	4	-	-	4	-	-	-	-	-	-	-	-	-
1957	5	-	-	65	-	-	-	-	-	87	-	-	-
1956	6	-	-	836	-	-	62.7	-	-	271	-	-	67.7
1955	7	-	-	42	-	-	-	-	156	-	-	-	75.1
1954	8	-	-	-	-	-	-	-	94	-	-	-	-
1953	9	-	-	25	-	-	-	-	302	-	-	-	81.0
1952	10	-	-	4	-	-	-	-	28	-	-	-	-
1951	11	-	-	3	-	-	-	-	16	-	-	-	-
1950	12	-	-	7	-	-	-	-	25	-	-	-	-
1949	13	-	-	3	-	-	-	-	-	-	-	-	-
1948	14	-	-	-	-	-	-	-	6	-	-	-	-
1947	15	-	-	11	-	-	-	-	10	-	-	-	-
1946	16	-	-	-	-	-	-	-	2	-	-	-	-
1945	17	-	-	-	-	-	-	-	3	-	-	-	-
TOTAL ‰		-	-	1000	/			-	-	1000	/		
SERIAL NUMBERS		-	-	40				-	-	48			
NUMBER OF SAMPLES		-	-	1				-	-	1			
NUMBER OF FISH AGED		-	-	140				-	-	210			
MEAN AGE		-	-	6.2				-	-	7.7			
MEAN WEIGHT (KG)		-	-	-				-	-	-			
TOTAL WEIGHT LANDED (TONS)		-	-	44				-	-	168			
ESTIMATED NUMBER LANDED		-	-	23482				-	-	66379			
MESH SIZE (MM)		-	-	110				-	-	110			
RANGE OF DEPTHS (FM)		-	-	-				-	-	-			

TABLE 35
(CONT'D)

AGE FREQUENCIES - COD - IF - 1962

(FREQUENCIES IN %/00)

GEAR		OTTER TRAWL (COMMERCIAL)						OTTER TRAWL (RESEARCH)					
CATCHES/LANDINGS		LANDINGS						CATCHES					
MONTH		DECEMBER						MARCH					
COUNTRY		GERMANY											
TONNAGE		500-900						990					
YEAR-CLASS	AGE	%/00 FREQUENCY			MEAN LENGTH			%/00 FREQUENCY			MEAN LENGTH		
		00	99	TOT.	00	99	TOT.	00	99	TOT.	00	99	TOT.
1959	3	-	-	-	-	-	-	-	-	7	-	-	-
1958	4	-	-	50	-	-	-	-	-	167	-	-	44.7
1957	5	-	-	53	-	-	-	-	-	34	-	-	-
1956	6	-	-	668	-	-	68.3	-	-	727	-	-	61.9
1955	7	-	-	47	-	-	-	-	-	37	-	-	-
1954	8	-	-	16	-	-	-	-	-	-	-	-	-
1953	9	-	-	114	-	-	80.4	-	-	21	-	-	-
1952	10	-	-	9	-	-	-	-	-	9	-	-	-
1951	11	-	-	3	-	-	-	-	-	-	-	-	-
1950	12	-	-	36	-	-	-	-	-	-	-	-	-
1947	15	-	-	1	-	-	-	-	-	-	-	-	-
1946	16	-	-	-	-	-	-	-	-	4	-	-	-
1945	17	-	-	3	-	-	-	-	-	-	-	-	-
TOTAL %/00		-	-	1000	/			-	-	1000	/		
SERIAL NUMBERS		-	-	65				AD215&216					
NUMBER OF SAMPLES		-	-	1				2					
NUMBER OF FISH AGED		-	-	216				222					
MEAN AGE		-	-	6.6				5.8					
MEAN WEIGHT (KG)		-	-	-				-					
TOTAL WEIGHT LANDED (TONS)		-	-	165				-					
ESTIMATED NUMBER LANDED		-	-	63780				-					
MESH SIZE (MM)		-	-	110				110					
RANGE OF DEPTHS (FM)		-	-	-				70-110					
(CONT'D)													
GEAR		HAND LINE (NK)											
CATCHES/LANDINGS		NK											
MONTH		AUGUST											
COUNTRY		DENMARK (GREENLAND) 1)											
TONNAGE		NK											
YEAR-CLASS	AGE	%/00 FREQUENCY			MEAN LENGTH			%/00 FREQUENCY			MEAN LENGTH		
		00	99	TOT.	00	99	TOT.	00	99	TOT.	00	99	TOT.
1958	4	36	24	60	49.7	54.5	51.6	-	-	-	-	-	-
1957	5	61	55	116	60.5	56.8	58.7	-	-	-	-	-	-
1956	6	376	352	728	65.6	65.8	65.7	-	-	-	-	-	-
1955	7	12	24	36	69.0	73.0	71.7	-	-	-	-	-	-
1954	8	-	6	6	-	77.0	77.0	-	-	-	-	-	-
1953	9	18	6	24	79.7	94.0	89.3	-	-	-	-	-	-
1952	10	-	6	6	-	89.0	89.0	-	-	-	-	-	-
1950	12	-	12	12	-	89.0	89.0	-	-	-	-	-	-
1947	15	6	6	12	70.0	84.0	77.0	-	-	-	-	-	-
TOTAL %/00		509	491	1000	/			/					
SERIAL NUMBERS		-	-	21									
NUMBER OF SAMPLES		-	-	-									
NUMBER OF FISH AGED		-	-	165									
MEAN AGE		-	-	6.1									
MEAN WEIGHT (KG)		-	-	2.4									
TOTAL WEIGHT LANDED (TONS)		-	-	-									
ESTIMATED NUMBER LANDED		-	-	-									
MESH OR HOOK SIZE		-	-	-									
RANGE OF DEPTHS (FM)		-	-	22-55									

1) KAP EGEDE, NANORTALIK

TABLE 35
(CONT'D)

AGE FREQUENCIES - COD - IF - 1962

(FREQUENCIES IN ‰)

GEAR		LONG LINE, HAND LINE & GREENLANDERS ¹⁾											
CATCHES/LANDINGS		(NK)											
MONTH		AUGUST-SEPTEMBER						AUGUST-SEPTEMBER					
COUNTRY		DENMARK (GREENLAND) ¹⁾											
TONNAGE		NK											
YEAR-CLASS	AGE	‰ FREQUENCY			MEAN LENGTH			‰ FREQUENCY			MEAN LENGTH		
		00	00	TOT.	00	00	TOT.	00	00	TOT.	00	00	TOT.
1958	4	47	23	70	50.3	49.7	50.1	5	-	5	46.0	-	46.0
1957	5	29	47	76	57.2	57.4	57.3	10	-	10	61.5	-	61.5
1956	6	273	256	529	66.7	65.6	66.2	16	47	62	65.3	66.7	66.7
1955	7	52	41	93	71.3	68.5	70.1	21	5	26	74.5	63.0	72.2
1954	8	12	6	18	71.5	75.0	72.5	16	10	26	75.0	78.5	76.4
1953	9	64	29	93	77.4 ²⁾	80.2	78.3	62	42	104	73.9	78.9	75.9
1952	10	12	12	24	74.0	89.5	81.8	31	52	83	73.2	82.9	79.3
1951	11	12	6	18	75.0	75.0	75.0	26	31 ³⁾	57	76.0	77.6	76.7
1950	12	23	12	35	70.3	90.0	76.8	78	52	130	79.3	82.6	80.6
1949	13	6	-	6	73.0	-	73.0	10	-	10	72.0	-	72.0
1948	14	12	-	12	74.5	-	74.5	47	16	62	75.1	82.7	77.0
1947	15	12	12	24	74.0	79.5	76.8	224	161	385	77.7	81.6	79.3
1946	16	-	-	-	-	-	-	10	5	16	79.0	80.0	79.3
1945	17	-	6	6	-	63.0	63.0	5	10	16	85.0	79.0	81.0
1944	18	-	-	-	-	-	-	-	-	-	-	-	-
1943	19	-	-	-	-	-	-	-	-	-	-	-	-
1942	20	-	-	-	-	-	-	5	-	5	77.0	-	77.0
TOTAL ‰		554	450	1004	/			566	431	997	/		
SERIAL NUMBERS		-	-	19 ¹⁾				-	-	20 ¹⁾			
NUMBER OF SAMPLES		-	-	-				-	-	-			
NUMBER OF FISH AGED		-	-	172				-	-	192			
MEAN AGE		-	-	7.0				-	-	12.2			
MEAN WEIGHT (KG)		-	-	2.8				-	-	4.3			
TOTAL WEIGHT LANDED (TONS)		-	-	-				-	-	-			
ESTIMATED NUMBER LANDED		-	-	-				-	-	-			
MESH OR HOOK SIZE		-	-	-				-	-	-			
RANGE OF DEPTHS (FM)		-	-	27-82				-	-	27-82			

1) SAMPLE No. 19 - OUTSIDE SKOVFJORDEN (HAND LINE)

SAMPLE No. 20 - OUTSIDE SKOVFJORDEN (LONG LINE)

2) ONE NOT MEASURED

3) ONE NOT SEXED

TABLE 37

AGE FREQUENCIES - COD - 1962

(FREQUENCIES IN 0/00)

AREA		EAST GREENLAND (SKJOLDUNGEN)											
GEAR		GREENLANDERS' (NK)											
CATCHES/LANDINGS		NK											
MONTH		AUGUST						SEPTEMBER					
COUNTRY		DENMARK (GREENLAND)											
TONNAGE		NK											
YEAR-CLASS	AGE	0/00 FREQUENCY			MEAN LENGTH			0/00 FREQUENCY			MEAN LENGTH		
		00	99	Tot.	00	99	Tot.	00	99	Tot.	00	99	Tot.
1958	4	5	5	11	50.0	57.0	53.5	-	-	-	-	-	-
1957	5	11	27	38	51.0	59.0	52.4	12	4	16	63.0	62.0	62.8
1956	6	319	205	527	68.5	68.5	68.4	304 ¹⁾	267	574	68.8	68.6	68.7
1955	7	65 ²⁾	81	145 ¹⁾	76.4	77.1	74.0	37	41	78	73.4	75.2	74.4
1954	8	5	27	32	97.0	77.8	81.0	12	21	33	69.3	79.2	75.5
1953	9	81	76	156	79.5	85.4	82.4	45	58	102	82.7	84.0	83.4
1952	10	11	22	32	87.0	89.5	88.7	12	39	45	75.0	88.1	84.5
1951	11	11	-	11	83.5	-	83.5	12	12	25	78.7	83.7	81.2
1950	12	16	16	32	88.3	90.7	89.5	29	29	57	78.7	85.9	82.3
1949	13	-	-	-	-	-	-	-	-	-	-	-	-
1948	14	-	5	5	-	80.0	80.0	4	12	16	71.0	89.3	84.8
1947	15	-	5	5	-	85.0	85.0	4	25	29	87.0	88.3	88.1
1946	16	-	-	-	-	-	-	-	-	-	-	-	-
1945	17	-	5	5	-	110.0	110.0	16	8	25	93.0	100.0	95.3
TOTAL 0/00		524	474	999				487	510	1000			
SERIAL NUMBERS		-	-	-				-	-	-			
NUMBER OF SAMPLES		-	-	-				-	-	-			
NUMBER OF FISH AGED		-	-	186				-	-	244			
MEAN AGE		-	-	7.1				-	-	7.7			
MEAN WEIGHT (KG)		-	-	-				-	-	-			
TOTAL WEIGHT LANDED (TONS)		-	-	-				-	-	-			
MESH OR HOOK SIZE		-	-	-				-	-	-			
RANGE OF DEPTHS (FM)		-	-	-				-	-	-			

1) ONE NOT MEASURED

2) TWO NOT SEXED

TABLE 37
(CONT'D)

AGE FREQUENCIES - COD - 1962

(FREQUENCIES IN ‰)

AREA		SOUTH-EAST GREENLAND											
GEAR		OTTER TRAWL (COMMERCIAL)											
CATCHES/LANDINGS		LANDINGS											
MONTH		FEBRUARY						APRIL					
COUNTRY		GERMANY											
TONNAGE		500-900											
YEAR-CLASS	AGE	‰ FREQUENCY			MEAN LENGTH			‰ FREQUENCY			MEAN LENGTH		
		00	00	TOT.	00	00	TOT.	00	00	TOT.	00	00	TOT.
1957	5	-	-	1	-	-	-	-	-	30	-	-	-
1956	6	-	-	86	-	-	-	-	-	428	-	-	68.9
1955	7	-	-	38	-	-	-	-	-	113	-	-	74.0
1954	8	-	-	35	-	-	-	-	-	44	-	-	-
1953	9	-	-	431	-	-	82.2	-	-	203	-	-	80.9
1952	10	-	-	129	-	-	84.8	-	-	45	-	-	-
1951	11	-	-	51	-	-	-	-	-	21	-	-	-
1950	12	-	-	115	-	-	85.3	-	-	63	-	-	-
1949	13	-	-	15	-	-	-	-	-	3	-	-	-
1948	14	-	-	12	-	-	-	-	-	4	-	-	-
1947	15	-	-	87	-	-	-	-	-	26	-	-	-
1946	16	-	-	-	-	-	-	-	-	7	-	-	-
1945	17	-	-	-	-	-	-	-	-	6	-	-	-
1944	18	-	-	-	-	-	-	-	-	2	-	-	-
1942	20	-	-	-	-	-	-	-	-	3	-	-	-
1941	21	-	-	-	-	-	-	-	-	2	-	-	-
TOTAL ‰		-	-	1000						1000			
SERIAL NUMBERS		-	-	6						27&29			
NUMBER OF SAMPLES		-	-	1						2			
NUMBER OF FISH AGED		-	-	246						440			
MEAN AGE		-	-	9.8						8.0			
MEAN WEIGHT (KG)		-	-	-						-			
TOTAL WEIGHT LANDED (TONS)		-	-	138						86			
ESTIMATED NUMBER LANDED		-	-	34852						28339			
MESH SIZE (MM)		-	-	110						110			
RANGE OF DEPTHS (FM)		-	-	-						-			
(CONT'D)													
AREA		SOUTH-EAST GREENLAND											
GEAR		OTTER TRAWL (COMMERCIAL)											
CATCHES/LANDINGS		LANDINGS											
MONTH		MAY						JUNE					
COUNTRY		GERMANY											
TONNAGE		500-900											
YEAR-CLASS	AGE	‰ FREQUENCY			MEAN LENGTH			‰ FREQUENCY			MEAN LENGTH		
		00	00	TOT.	00	00	TOT.	00	00	TOT.	00	00	TOT.
1957	5	-	-	20	-	-	-	-	-	7	-	-	-
1956	6	-	-	82	-	-	-	-	-	654	-	-	65.7
1955	7	-	-	119	-	-	77.6	-	-	68	-	-	-
1954	8	-	-	57	-	-	-	-	-	26	-	-	-
1953	9	-	-	204	-	-	83.5	-	-	101	-	-	80.8
1952	10	-	-	41	-	-	-	-	-	60	-	-	-
1951	11	-	-	46	-	-	-	-	-	14	-	-	-
1950	12	-	-	145	-	-	88.9	-	-	47	-	-	-
1949	13	-	-	7	-	-	-	-	-	4	-	-	-
1948	14	-	-	14	-	-	-	-	-	-	-	-	-
1947	15	-	-	190	-	-	89.8	-	-	4	-	-	-
1946	16	-	-	16	-	-	-	-	-	-	-	-	-
1945	17	-	-	30	-	-	-	-	-	9	-	-	-
1944	18	-	-	8	-	-	-	-	-	-	-	-	-
1942	20	-	-	21	-	-	-	-	-	2	-	-	-
1941	21	-	-	-	-	-	-	-	-	4	-	-	-
TOTAL ‰		-	-	1000						1000			
SERIAL NUMBERS		-	-	46						52			
NUMBER OF SAMPLES		-	-	1						1			
NUMBER OF FISH AGED		-	-	172						215			
MEAN AGE		-	-	10.8						7.3			
TOTAL WEIGHT LANDED (TONS)		-	-	92						57			
ESTIMATED NUMBER LANDED		-	-	22300						22803			
MESH SIZE (MM)		-	-	110						110			

TABLE 38

AGE FREQUENCIES - COD - 26 - 1962

(FREQUENCIES IN 0/00)

GEAR		OTTER TRAWL											
CATCHES/LANDINGS		(NK)											
MONTH		APRIL						OCTOBER					
COUNTRY		U. S. S. R.											
TONNAGE		1800											
YEAR-CLASS	AGE	0/00 FREQUENCY			MEAN LENGTH			0/00 FREQUENCY			MEAN LENGTH		
		00	99	TOT.	00	99	TOT.	00	99	TOT.	00	99	TOT.
1958	4	3	-	3	61.00	-	61.00	10	24	34	40.00	43.85	42.70
1957	5	7	-	7	49.00	-	49.00	123	150	273	46.40	46.60	46.51
1956	6	30	17	47	50.32	56.80	52.63	193	244	437	48.69	50.09	49.44
1955	7	63	13	76	54.85	64.00	56.44	47	50	97	52.85	53.60	53.24
1954	8	83	40	123	55.36	56.26	55.66	34	13	47	57.40	56.50	57.15
1953	9	67	97	164	55.75	58.21	57.19	20	20	40	54.50	62.50	58.50
1952	10	53	90	143	59.50	61.57	60.79	7	13	20	56.50	63.25	61.00
1951	11	63	83	146	59.41	60.16	59.83	7	3	10	62.50	64.00	63.00
1950	12	33	43	76	57.70	64.00	61.27	7	-	7	59.50	-	59.50
1949	13	27	47	74	60.25	63.37	62.23	3	10	13	52.00	59.00	57.25
1948	14	17	47	64	64.60	64.63	64.63	7	3	10	64.00	61.00	63.00
1947	15	17	7	24	64.60	65.50	64.87	-	3	3	-	70.00	70.00
1946	16	10	13	23	67.00	72.25	70.00	-	10	10	-	64.00	64.00
1945	17	7	3	10	65.50	67.00	66.50	-	-	-	-	-	-
1944	18	7	10	17	67.00	75.01	71.80	-	-	-	-	-	-
1943	19	3	-	3	67.00	-	67.00	-	-	-	-	-	-
TOTAL 0/00		490	510	1000				458	543	1001			
SERIAL NUMBERS		-	-	-				-	-	-			
NUMBER OF SAMPLES		-	-	1				-	-	1			
NUMBER OF FISH AGED		147	153	300				137	163	300			
MEAN AGE		9.91	10.84	10.38				6.45	6.43	6.44			
MEAN WEIGHT (KG)		1.66	1.98	1.81				1.16	1.26	1.21			
TOTAL WEIGHT LANDED (TONS)		-	-	-				-	-	-			
ESTIMATED NUMBER LANDED		-	-	-				-	-	-			
MESH OR HOOK SIZE		-	-	-				-	-	-			
RANGE OF DEPTHS (FM)		-	-	170-315				-	-	90-315			

TABLE 39

AGE FREQUENCIES - COD - 2H - 1962

(FREQUENCIES IN %/00)

GEAR		OTTER TRAWL											
CATCHES/LANDINGS		(NK)											
MONTH		MAY						SEPTEMBER					
COUNTRY		U. S. S. R.											
TONNAGE		1800											
YEAR-CLASS	AGE	%00 FREQUENCY			MEAN LENGTH			%00 FREQUENCY			MEAN LENGTH		
		00	99	TOT.	00	99	TOT.	00	99	TOT.	00	99	TOT.
1957	5	17	17	34	42.40	44.20	43.30	7	27	34	50.50	54.25	53.50
1956	6	27	10	37	44.50	46.00	44.92	50	119	163	54.61	56.32	55.78
1955	7	30	10	40	51.01	55.00	52.00	46	148	194	55.87	57.67	57.22
1954	8	43	10	53	50.86	49.99	50.68	17	120	137	57.40	60.67	60.28
1953	9	114	46	160	52.78	55.63	53.62	43	64	107	61.93	62.26	62.11
1952	10	93	27	120	54.58	58.00	55.33	13	40	53	57.25	65.74	63.61
1951	11	90	53	143	56.11	57.43	56.62	37	53	90	63.73	65.68	64.87
1950	12	73	30	103	58.54	60.67	59.17	27	43	70	64.00	67.69	66.28
1949	13	47	36	83	60.37	62.92	61.48	13	39	46	67.00	74.20	72.13
1948	14	43	7	50	61.24	64.00	61.60	7	33	40	73.00	72.70	72.76
1947	15	40	20	60	65.74	64.00	65.17	7	10	17	76.00	64.00	68.80
1946	16	27	17	44	65.89	67.60	66.55	3	20	23	88.00	74.50	76.42
1945	17	30	17	47	64.00	63.40	63.79	3	3	6	76.00	64.00	70.00
1944	18	20	3	23	64.99	61.00	64.42	-	17	17	-	70.00	70.00
1943	19	3	-	3	73.00	-	73.00	-	3	3	-	73.00	73.00
TOTAL %00		697	303	1000				273	727	1000			
SERIAL NUMBERS		-	-	-				-	-	-			
NUMBER OF SAMPLES		-	-	1				-	-	1			
NUMBER OF FISH AGED		209	91	300				82	218	300			
MEAN AGE		11.19	11.23	11.21				9.21	9.17	9.19			
MEAN WEIGHT (KG)		1.66	1.85	1.72				2.23	2.50	2.44			
TOTAL WEIGHT LANDED (TONS)		-	-	-				-	-	-			
ESTIMATED NUMBER LANDED		-	-	-				-	-	-			
MESH OR HOOK SIZE		-	-	-				-	-	-			
RANGE OF DEPTHS (FM)		-	-	150-190				-	-	92-265			

TABLE 40

AGE FREQUENCIES - COD - 2J - 1962

(FREQUENCIES IN %/00)

GEAR		OTTER TRAWL											
CATCHES/LANDINGS		(NK)											
MONTH		JANUARY						APRIL					
COUNTRY		U. S. S. R.											
TONNAGE		900 & 1100											
YEAR-CLASS	AGE	%00 FREQUENCY			MEAN LENGTH			%00 FREQUENCY			MEAN LENGTH		
		00	00	TOT.	00	00	TOT.	00	00	TOT.	00	00	TOT.
1959	3	10	3	13	34.00	31.00	33.25	12	9	21	29.32	28.84	29.11
1958	4	36	10	46	35.65	37.00	35.92	35	25	60	32.95	32.89	32.92
1957	5	110	78	188	43.09	45.37	44.02	186	152	338	40.48	41.23	40.84
1956	6	198	162	360	48.04	49.60	48.67	135	187	322	44.26	44.44	44.35
1955	7	104	58	162	55.00	55.84	55.30	47	59	106	56.26	52.69	54.28
1954	8	26	42	68	55.75	58.93	57.73	26	22	48	57.70	54.46	56.23
1953	9	10	42	52	57.01	62.86	61.75	13	12	25	63.40	63.34	63.37
1952	10	10	3	13	60.01	70.00	62.50	8	19	27	63.16	63.13	64.27
1951	11	13	7	20	66.25	73.00	65.20	5	12	17	63.25	63.67	63.55
1950	12	-	3	3	-	70.00	70.00	1	4	5	79.00	-	73.00
1949	13	13	7	20	68.50	67.00	67.99	3	5	8	77.50	65.50	69.49
1948	14	6	10	16	70.00	72.01	71.20	3	1	4	73.00	64.00	70.00
1947	15	3	3	6	73.00	88.00	80.50	4	3	7	67.99	86.50	76.60
1946	16	10	3	13	75.01	85.00	77.50	5	3	8	67.00	-	71.50
1945	17	-	-	-	-	-	-	1	3	4	85.00	77.50	79.99
1944	18	3	7	10	82.00	68.50	73.00	-	-	-	-	-	-
1943	19	3	7	10	76.00	80.50	79.00	-	-	-	-	-	-
TOTAL %00		555	445	1000				484	516	1000			
SERIAL NUMBERS		-	-	-				-	-	-			
NUMBER OF SAMPLES		-	-	1				-	-	3			
NUMBER OF FISH AGED		170	137	307				388	364	752			
MEAN AGE		6.76	7.26	6.98				6.15	6.38	6.27			
MEAN WEIGHT (KG)		1.47	1.76	1.60				8.55	9.25	8.89			
TOTAL WEIGHT LANDED (TONS)		-	-	-				-	-	-			
ESTIMATED NUMBER LANDED		-	-	-				-	-	-			
MESH SIZE		-	-	-				-	-	-			
RANGE OF DEPTHS (FM)		-	-100-245	-				-	-108-255	-			

TABLE 40
(CONT'D)

AGE FREQUENCIES - COD - 2J - 1962

(FREQUENCIES IN ‰)

GEAR		OTTER TRAWL											
CATCHES/LANDINGS		(NK)											
MONTH		APRIL						MAY					
COUNTRY		U. S. S. R.											
TONNAGE		900 & 1100											
YEAR-CLASS	AGE	‰ FREQUENCY			MEAN LENGTH			‰ FREQUENCY			MEAN LENGTH		
		00	99	TOT.	00	99	TOT.	00	99	TOT.	00	99	TOT.
1958	4	-	-	-	-	-	-	3	-	3	31.00	-	31.00
1957	5	50	3	53	45.79	55.00	46.39	22	17	39	41.29	41.80	41.50
1956	6	150	13	163	50.20	49.75	50.17	67	43	110	46.45	48.07	47.11
1955	7	111	77	188	53.65	55.00	54.19	47	47	94	53.29	53.29	53.26
1954	8	77	40	117	55.39	57.01	55.93	47	60	107	52.84	57.85	55.66
1953	9	46	40	86	56.71	58.51	57.55	33	70	103	59.50	57.43	58.09
1952	10	44	57	101	58.24	59.77	59.11	27	60	87	57.58	61.66	61.12
1951	11	23	27	50	57.58	63.25	60.61	30	47	77	60.67	62.71	61.93
1950	12	34	37	71	61.90	61.00	61.42	23	40	63	64.00	66.49	65.59
1949	13	37	17	54	61.00	62.80	61.57	7	60	67	64.00	67.15	66.85
1948	14	20	23	43	62.50	64.87	63.76	7	27	34	68.50	68.14	68.20
1947	15	20	3	23	65.98	76.00	67.42	7	36	43	70.00	65.20	66.01
1946	16	10	7	17	64.00	76.00	68.80	7	33	40	73.00	67.60	68.50
1945	17	7	7	14	65.50	68.50	67.00	17	53	70	68.20	67.93	67.99
1944	18	3	17	20	61.00	67.00	66.01	10	30	40	67.99	68.89	68.65
1943	19	-	-	-	-	-	-	3	3	6	79.00	79.00	79.00
1942	20	-	-	-	-	-	-	-	7	7	-	71.50	71.50
1941	21	-	-	-	-	-	-	-	7	7	-	67.00	67.00
1940	22	-	-	-	-	-	-	-	3	3	-	91.00	91.00
TOTAL ‰		632	368	1000				357	643	1000			
SERIAL NUMBERS		-	-	-				-	-	-			
NUMBER OF SAMPLES		-	-	1				-	-	1			
NUMBER OF FISH AGED		189	110	299				107	193	300			
MEAN AGE		8.62	10.16	9.19				9.31	11.61	10.79			
MEAN WEIGHT (KG)		1.48	1.87	1.62				1.71	2.35	2.12			
TOTAL WEIGHT LANDED(TONS)		-	-	-				-	-	-			
ESTIMATED NUMBER LANDED		-	-	-				-	-	-			
MESH SIZE		-	-	-				-	-	-			
RANGE OF DEPTHS (FM)		-	-	111-245				-	-	130-260			

TABLE 41

AGE FREQUENCIES - COD - 3K - 1962

(FREQUENCIES IN ‰)

GEAR		OTTER TRAWL											
CATCHES/LANDINGS		(NK)											
MONTH		FEBRUARY						APRIL					
COUNTRY		U. S. S. R.											
TONNAGE		1800											
YEAR-CLASS	AGE	‰ FREQUENCY			MEAN LENGTH			‰ FREQUENCY			MEAN LENGTH		
		00	00	TOT.	00	00	TOT.	00	00	TOT.	00	00	TOT.
1959	3	-	-	-	-	-	-	45	30	75	26.98	28.99	27.79
1958	4	-	-	-	-	-	-	120	90	210	34.36	33.64	34.06
1957	5	57	43	100	46.18	48.07	47.00	180	225	405	39.40	41.26	40.42
1956	6	133	164	297	52.08	50.95	51.46	105	140	245	43.69	45.67	44.83
1955	7	117	94	211	56.97	57.37	57.14	25	20	45	48.40	52.75	50.32
1954	8	77	100	177	64.13	62.20	63.04	5	10	15	-	-	52.00
1953	9	23	37	60	64.43	64.81	64.67	-	5	5	-	-	49.00
1952	10	23	33	56	64.43	68.80	67.00	-	-	-	-	-	-
1951	11	3	10	13	61.00	73.99	-	-	-	-	-	-	-
1950	12	7	17	24	76.00	76.60	76.43	-	-	-	-	-	-
1949	13	10	7	17	76.00	79.00	77.20	-	-	-	-	-	-
1948	14	3	-	3	73.00	-	73.00	-	-	-	-	-	-
1947	15	3	3	6	88.00	79.00	-	-	-	-	-	-	-
1946	16	7	-	7	85.00	-	85.00	-	-	-	-	-	-
1945	17	10	10	20	85.99	76.99	81.50	-	-	-	-	-	-
1944	18	3	3	6	85.00	64.00	-	-	-	-	-	-	-
1942	20	3	-	3	85.00	-	85.00	-	-	-	-	-	-
TOTAL ‰		479	521	1000				480	520	1000			
SERIAL NUMBERS		-	-	-				-	-	-			
NUMBER OF SAMPLES		-	-	1				-	-	2			
NUMBER OF FISH AGED		144	156	300				96	104	200			
MEAN AGE		7.72	7.62	7.69				4.92	5.16	5.04			
MEAN WEIGHT (KG)		1.945	1.95	1.95				-	-	-			
TOTAL WEIGHT LANDED (TONS)		-	-	-				-	-	-			
ESTIMATED NUMBER LANDED		-	-	-				-	-	-			
MESH SIZE		-	-	-				-	-	-			
RANGE OF DEPTHS (FM)		-	-	145-195				-	-	110-195			

TABLE 42

AGE FREQUENCIES - COD - 3L - 1962

(FREQUENCIES IN %/OO)

GEAR		OTTER TRAWL											
CATCHES/LANDINGS		(NK)											
MONTH		JANUARY						MARCH					
COUNTRY		U. S. S. R.											
TONNAGE		1800											
YEAR-CLASS	AGE	%/OO FREQUENCY			MEAN LENGTH			%/OO FREQUENCY			MEAN LENGTH		
		00	99	TOT.	00	99	TOT.	00	99	TOT.	00	99	TOT.
1959	3	38	17	55	26.15	24.50	25.63	183	157	340	29.33	27.91	28.67
1958	4	55	43	98	33.53	34.00	33.74	274	223	497	33.39	34.14	33.72
1957	5	52	46	98	46.50	45.06	45.82	92	66	158	40.83	40.69	40.77
1956	6	63	40	103	57.18	58.64	57.83	-	5	5	-	52.00	52.00
1955	7	210	136	346	62.97	62.23	63.05	-	-	-	-	-	-
1954	8	46	63	109	69.06	66.59	67.39	-	-	-	-	-	-
1953	9	40	23	63	70.86	75.25	72.45	-	-	-	-	-	-
1952	10	34	20	54	76.00	73.43	75.05	-	-	-	-	-	-
1951	11	12	12	24	72.25	76.00	74.12	-	-	-	-	-	-
1950	12	14	6	20	86.20	-	86.29	-	-	-	-	-	-
1949	13	6	-	6	-	-	-	-	-	-	-	-	-
1948	14	9	3	12	90.00	121.	-	-	-	-	-	-	-
1947	15	3	-	3	88.00	-	88.00	-	-	-	-	-	-
1946	16	-	3	3	-	112.	112.00	-	-	-	-	-	-
1945	17	3	3	6	82.00	130.	-	-	-	-	-	-	-
TOTAL %/OO		585	415	1000				549	451	1000			
SERIAL NUMBERS		-	-	-				-	-	-			
NUMBER OF SAMPLES		-	-	1				-	-	1			
NUMBER OF FISH AGED		203	144	347				108	89	197			
MEAN AGE		7.02	6.97	7.01				3.83	3.82	3.83			
MEAN WEIGHT (KG)		2.25	2.08	2.18				-	-	-			
TOTAL WEIGHT LANDED (TONS)		-	-	-				-	-	-			
ESTIMATED NUMBER LANDED		-	-	-				-	-	-			
MESH SIZE		-	-	-				-	-	-			
RANGE OF DEPTHS (FM)		-	-	78-195				-	-	52-210			

TABLE 42
(CONT'D)

AGE FREQUENCIES - COD - 3L - 1962

(FREQUENCIES IN %/00)

GEAR		OTTER TRAWL												
CATCHES/LANDINGS		(NK)												
MONTH		APRIL						DECEMBER						
COUNTRY		U. S. S. R.												
TONNAGE		1800												
YEAR-CLASS	AGE	%00 FREQUENCY			MEAN LENGTH			%00 FREQUENCY			MEAN LENGTH			
		00	00	Tot.	00	00	Tot.	00	00	Tot.	00	00	Tot.	
1960	2	-	5	5	-	19.00	19.00	-	-	-	-	-	-	-
1959	3	5	-	5	28.00	42.25	28.00	30	57	87	40.67	41.41	41.27	
1958	4	49	39	88	39.10	42.14	40.50	177	123	300	47.42	48.03	47.67	
1957	5	98	104	202	44.35	54.77	43.22	153	133	286	53.11	54.40	53.71	
1956	6	39	64	103	56.88	66.59	55.57	47	67	114	63.36	64.15	63.82	
1955	7	146	109	255	62.60	68.67	64.29	50	67	117	72.80	72.70	72.74	
1954	8	59	89	148	70.75	67.75	65.90	23	10	33	73.86	-	75.10	
1953	9	49	20	69	70.90	71.50	70.00	7	10	17	76.00	-	85.60	
1952	10	30	20	50	71.00	83.98	71.20	17	7	24	83.20	-	83.71	
1951	11	20	15	35	76.75	85.00	80.29	3	3	6	82.00	88.00	82.00	
1950	12	10	5	15	80.50	-	82.00	3	-	3	94.00	-	94.00	
1949	13	15	-	15	83.00	-	82.99	10	3	13	91.00	82.00	90.25	
1948	14	5	-	5	76.00	-	76.00	-	-	-	-	-	-	
1947	15	5	-	5	97.00	-	97.00	-	-	-	-	-	-	
TOTAL %00		530	470	1000				520	480	1000				
SERIAL NUMBERS		-	-	-				-	-	-				
NUMBER OF SAMPLES		-	-	1				-	-	1				
NUMBER OF FISH AGED		108	95	203				156	144	300				
MEAN AGE		7.25	6.69	6.99				5.41	5.24	5.33				
MEAN WEIGHT (KG)		2.26	2.04	2.16				1.87	1.91	1.53				
TOTAL WEIGHT LANDED (TONS)		-	-	-				-	-	-				
ESTIMATED NUMBER LANDED		-	-	-				-	-	-				
MESH SIZE		-	-	-				-	-	-				
RANGE OF DEPTHS (FM)		-	-	95-210				-	-	155-195				

TABLE 43

AGE FREQUENCIES - COD - 3M - 1962

(FREQUENCIES IN ‰)

GEAR		OTTER TRAWL											
CATCHES/LANDINGS		(NK)											
MONTH		MARCH						DECEMBER					
COUNTRY		U. S. S. R.											
TONNAGE		900											
YEAR-CLASS	AGE	‰ FREQUENCY			MEAN LENGTH			‰ FREQUENCY			MEAN LENGTH		
		00	99	TOT.	00	99	TOT.	00	99	TOT.	00	99	TOT.
1960	2	27	33	60	21.34	22.00	21.70	-	-	-	-	-	-
1959	3	27	29	56	28.66	29.56	29.11	3	3	6	43.00	37.00	-
1958	4	54	45	99	42.49	41.62	42.13	57	37	94	47.92	49.27	48.50
1957	5	140	29	169	49.99	50.41	50.08	200	181	381	54.43	57.34	55.80
1956	6	110	45	155	54.34	57.16	55.12	84	77	161	60.88	62.17	61.50
1955	7	33	12	45	56.77	58.36	57.01	20	33	53	61.99	63.70	62.70
1954	8	153	57	210	60.58	65.41	61.90	87	67	154	64.54	69.85	67.00
1953	9	120	42	162	60.79	62.38	61.18	37	57	94	67.54	74.47	69.70
1952	10	12	4	16	62.14	67.00	63.46	13	3	16	69.25	88.00	-
1951	11	6	7	13	60.25	68.50	63.64	-	7	7	-	71.50	-
1950	12	8	1	9	70.00	82.00	71.98	4	13	17	64.00	76.75	-
1949	13	3	1	4	67.00	61.00	62.50	7	3	10	71.50	67.00	-
1948	14	-	1	1	-	73.00	73.00	-	-	-	-	-	-
1947	15	-	1	1	-	70.00	70.00	3	-	3	88.00	-	-
1946	16	-	-	-	-	-	-	-	-	-	-	-	-
1945	17	-	-	-	-	-	-	-	1	1	76.00	-	-
TOTAL ‰		693	307	1000				515	482	997			
SERIAL NUMBERS		-	-	-				-	-	-			
NUMBER OF SAMPLES		-	-	3				-	-	1			
NUMBER OF FISH AGED		460	204	664				154	145	299			
MEAN AGE		6.61	6.06	6.36				6.23	6.25	6.19			
MEAN WEIGHT (KG)		2.02	2.48	2.15				-	-	-			
TOTAL WEIGHT LANDED (TONS)		-	-	-				-	-	-			
ESTIMATED NUMBER LANDED		-	-	-				-	-	-			
MESH SIZE		-	-	-				-	-	-			
RANGE OF DEPTHS (FM)		-	-	75-260				-	-	127-195			

TABLE 44

AGE FREQUENCIES - COD - 3N - 1962

(FREQUENCIES IN 0/00)

GEAR		OTTER TRAWL											
CATCHES/LANDINGS		(NK)											
MONTH		FEBRUARY						JULY					
COUNTRY		U. S. S. R.											
TONNAGE		1100											
YEAR-CLASS	AGE	0/00 FREQUENCY			MEAN LENGTH			0/00 FREQUENCY			MEAN LENGTH		
		00	99	TOT.	00	99	TOT.	00	99	TOT.	00	99	TOT.
1959	3	-	-	-	-	-	-	120	73	193	37.93	36.85	37.51
1958	4	-	-	-	-	-	-	344	249	593	42.34	42.91	42.58
1957	5	-	5	5	-	49.00	49.00	107	63	170	45.61	47.89	46.48
1956	6	15	5	20	61.99	58.00	61.00	13	16	29	57.25	56.20	56.65
1955	7	71	60	131	72.37	72.76	72.55	10	3	13	66.01	79.00	73.99
1954	8	126	106	232	76.60	73.87	75.34	-	3	3	-	73.00	73.00
1953	9	91	60	151	81.67	82.75	82.09	-	-	-	-	-	-
1952	10	76	101	177	82.60	85.60	84.31	-	-	-	-	-	-
1951	11	41	86	127	91.75	90.64	91.00	-	-	-	-	-	-
1950	12	21	45	66	85.00	91.66	91.00	-	-	-	-	-	-
1949	13	-	25	25	-	104.80	104.80	-	-	-	-	-	-
1948	14	5	21	26	97.00	100.00	99.40	-	-	-	-	-	-
1947	15	10	5	15	82.00	115.00	-	-	-	-	-	-	-
1946	16	5	15	20	115.00	103.00	106.99	-	-	-	-	-	-
1945	17	-	-	-	-	-	-	-	-	-	-	-	-
1944	18	-	-	-	-	-	-	-	-	-	-	-	-
1943	19	-	-	-	-	-	-	-	-	-	-	-	-
1942	20	-	-	-	-	-	-	-	-	-	-	-	-
1941	21	-	-	-	-	-	-	-	-	-	-	-	-
1940	22	-	-	-	-	-	-	-	-	-	-	-	-
1939	23	-	5	5	-	-	133.00	-	-	-	-	-	-
TOTAL 0/00		461	539	1000				594	407	1001			
SERIAL NUMBERS		-	-	-				-	-	-			
NUMBER OF SAMPLES		-	-	1				-	-	1			
NUMBER OF FISH AGED		91	107	198				178	122	300			
MEAN AGE		9.01	9.97	9.55				4.07	4.11	4.09			
MEAN WEIGHT (KG)		5.00	6.48	5.80				0.87	0.95	0.90			
TOTAL WEIGHT LANDED (TONS)		-	-	-				-	-	-			
ESTIMATED NUMBER LANDED		-	-	-				-	-	-			
MESH SIZE		-	-	-				-	-	-			
RANGE OF DEPTHS (FM)		-	-	64-136				-	-	32-36			

TABLE 45

AGE FREQUENCIES - COD - 3P - 1962

(FREQUENCIES IN %/00)

GEAR		OTTER TRAWL																
CATCHES/LANDINGS		(NK)																
MONTH		FEBRUARY						APRIL										
COUNTRY		U. S. S. R.																
TONNAGE		1800																
YEAR-CLASS	AGE	%00 FREQUENCY			MEAN LENGTH			%00 FREQUENCY			MEAN LENGTH							
		00	99	TOT.	00	99	TOT.	00	99	TOT.	00	99	TOT.					
1958	4	24	17	41	43.84	46.60	45.01	5	2	7	41.98	43.00	42.25					
1957	5	138	145	283	49.27	50.68	49.99	29	32	61	49.51	49.78	49.66					
1956	6	161	138	299	55.69	57.34	56.44	97	119	216	57.46	57.82	60.61					
1955	7	161	145	306	63.25	62.11	62.71	115	155	270	66.25	63.76	64.81					
1954	8	33	33	66	64.00	59.68	61.84	66	80	146	72.13	72.73	72.46					
1953	9	7	-	7	68.50	-	68.50	24	42	66	78.55	74.08	77.29					
1952	10	3	-	3	67.00	-	67.00	17	22	39	86.05	86.83	86.80					
1951	11	-	-	-	-	-	-	19	12	31	83.08	94.42	87.49					
1950	12	-	-	-	-	-	-	17	25	42	98.80	96.79	97.60					
1949	13	-	-	-	-	-	-	25	22	47	93.79	105.52	99.34					
1948	14	-	-	-	-	-	-	12	22	34	100.00	103.69	102.40					
1947	15	-	-	-	-	-	-	15	14	29	103.00	103.75	102.64					
1946	16	-	-	-	-	-	-	2	7	9	112.00	114.00	113.80					
1945	17	-	-	-	-	-	-	-	-	-	-	-	-					
1944	18	-	-	-	-	-	-	2	-	2	109.00	-	109.00					
1943	19	-	-	-	-	-	-	-	2	2	-	130.00	130.00					
TOTAL %00		527	478	1005	/			445	556	1001	/							
SERIAL NUMBERS		-	-	-				-	-	-				-	-	-	-	-
NUMBER OF SAMPLES		-	-	1				-	-	-				-	2	-	-	-
NUMBER OF FISH AGED		156	141	297				262	327	589				-	-	-	-	-
MEAN AGE		6.13	6.06	6.09				8.23	8.25	8.26				-	-	-	-	-
MEAN WEIGHT (KG)		1.66	1.60	1.64				3.86	4.35	4.13				-	-	-	-	-
TOTAL WEIGHT LANDED (TONS)		-	-	-				-	-	-				-	-	-	-	-
ESTIMATED NUMBER LANDED		-	-	-				-	-	-				-	-	-	-	-
MESH SIZE		-	-	-				-	-	-				-	-	-	-	-
RANGE OF DEPTHS (FM)		-	-	110-130				-	-	60-110				-	-	-	-	-

TABLE 46

AGE/LENGTH KEYS AND FREQUENCIES (COD) - 1962

(AVAILABLE ON REQUEST FROM THE SECRETARIAT)

IN ACCORDANCE WITH A RECOMMENDATION MADE BY THE RESEARCH AND STATISTICS COMMITTEE AT THEIR ANNUAL MEETING IN 1962, 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 COD ARE NOW ON FILE IN THE SECRETARIAT. (THE NUMERALS IN THE COLUMNS REPRESENT THE NUMBER OF SAMPLES HELD ON FILE FOR EACH DIVISION, MONTH AND COUNTRY.)

ALL GEARS - BY DIVISIONS, MONTHS AND COUNTRIES

DIVISION	MONTH	DENMARK (F)	DENMARK (G)	GERMANY FED. REP.	NORWAY	PORTUGAL	U.S.S.R.	TOTAL
IB	APRIL	1	-	-	-	-	-	1
	MAY	-	-	-	-	-	1	1
	JULY	-	2	-	-	1	-	3
	AUGUST	-	-	-	-	1	-	1
	SEPTEMBER	-	-	-	-	1	-	1
IC	FEBRUARY	-	-	1	-	-	-	1
	MARCH	1	-	-	-	-	-	1
	APRIL	1	-	-	-	-	-	1
	MAY	-	-	-	-	1	-	1
	JUNE	-	-	-	-	1	-	1
	JULY	-	-	-	-	2	-	2
	SEPTEMBER	-	-	-	-	1	-	1
	DECEMBER	-	-	1	-	-	-	1
ID	MARCH	1	1	-	-	-	-	2
	MAY	-	-	-	-	1	1	2
	JUNE	-	-	-	-	1	-	1
	JULY	-	-	-	-	1	-	1
	SEPTEMBER	-	-	1	-	-	-	1
IE	MARCH	-	-	1	-	-	-	1
	APRIL	-	-	-	-	-	1	1
	JUNE	-	-	1	-	-	-	1
	AUGUST	-	-	1	-	-	-	1
IF	JANUARY	-	-	1	-	-	-	1
	FEBRUARY	-	-	1	-	-	-	1
	MARCH	-	-	1	-	-	-	1
	APRIL	-	-	1	-	-	-	1
	MAY	-	-	1	-	-	-	1
	DECEMBER	-	-	1	-	-	-	1
INK	MARCH	-	1	-	-	-	-	1
	APRIL	-	2	-	-	-	-	2
	APRIL-MAY	-	-	-	1	-	-	1
	JUNE	-	1	-	-	-	-	1
	JUNE-JULY	-	1	-	-	-	-	1
	JULY	-	2	-	-	-	-	2
	JULY-AUG	-	1	-	-	-	-	1
	AUGUST	-	3	-	-	-	-	3
	AUG-SEPT	-	2	-	-	-	-	2
	SEPTEMBER	-	1	-	-	-	-	1
	SEPT-OCT	-	1	-	-	-	-	1
OCTOBER	-	1	-	-	-	-	1	
DECEMBER	-	1	-	-	-	-	1	

(CONT'D)

TABLE 46
(CONT'D)

AGE/LENGTH KEYS AND FREQUENCIES (COD) - 1962

DIVISION	MONTH	DENMARK (F)	DENMARK (G)	GERMANY FED. REP.	NORWAY	PORTUGAL	U.S.S.R.	TOTAL
2G	APRIL	-	-	-	-	-		
2H	MAY	-	-	-	-	-		
	SEPTEMBER	-	-	-	-	-		
2J	JANUARY	-	-	-	-	-		
	APRIL	-	-	-	-	-	2	2
	MAY	-	-	-	-	-		
	OCTOBER	-	-	-	-	-		
3K	FEBRUARY	-	-	-	-	-		
	APRIL	-	-	-	-	-		
3L	JANUARY	-	-	-	-	-		
	MARCH	-	-	-	-	-		
	APRIL	-	-	-	-	-		
	DECEMBER	-	-	-	-	-		
3M	MARCH	-	-	-	-	-		
	DECEMBER	-	-	-	-	-		
3N	FEBRUARY	-	-	-	-	-		
	JULY	-	-	-	-	-		
3P	FEBRUARY	-	-	-	-	-		
	APRIL	-	-	-	-	-		
EAST GREEN- LAND	MARCH	-	-		-	-	-	
	APRIL	-	-		-	-	-	
	AUGUST	-			-	-	-	2
	SEPTEMBER	-		-	-	-	-	
	OCTOBER	-	-		-	-	-	
SOUTH EAST GREEN- LAND	FEBRUARY	-	-		-	-	-	
	APRIL	-	-		-	-	-	
	MAY	-	-		-	-	-	
	JUNE	-	-		-	-	-	
TOTAL		4	23	20	1	11	23	82

TABLE 47

LENGTH FREQUENCIES - HADDOCK - 3N - 1962

(FREQUENCIES IN 0/00 - 2 CM GROUPS)

GEAR	OTTER TRAWL			
	(COMMERCIAL)	(RESEARCH)	(NK)	
CATCHES/LANDINGS	LANDINGS ¹⁾	CATCHES	NK	
MONTH	MARCH	AUGUST	JULY	OCTOBER
COUNTRY	CANADA (NEWFOUNDLAND)	U. S. S. R.		
TONNAGE	151-500	NK	1100	1800
18-19	-	-	1	-
20-21	-	-	-	-
22-23	-	15	-	-
24-25	-	108	2	10
26-27	-	120	-	10
28-29	-	25	-	5
30-31	-	8	-	-
32-33	-	10	4	-
34-35	-	36	23	45
36-37	51	63	35	121
38-39	201	92	85	171
40-41	289	126	204	96
42-43	228	169	215	296
44-45	95	106	239	96
46-47	65	68	94	70
48-49	17	38	52	40
50-51	20	10	21	-
52-53	20	4	6	5
54-55	7	2	7	10
56-57	-	-	1	15
58-59	3	-	3	5
60-61	3	-	3	-
62-63	-	-	2	-
64-65	-	-	1	-
66-67	-	-	-	-
68-69	-	-	2	5
TOTAL 0/00	999	1000	1000	1000
SERIAL NUMBERS	-	-	-	-
NUMBER OF SAMPLES	1	6	6	3
NUMBER OF FISH MEASURED	294	1576	863	199
MEAN LENGTH (CM)	41.91	37.3	43.03	41.48
MEAN WEIGHT (KG)	0.74	0.62	-	-
TOTAL WEIGHT LANDED (TONS)	386	1	-	-
ESTIMATED NUMBER LANDED	521238	-	-	-
MESH SIZE (MM)	412)	110-120	110	110
RANGE OF DEPTHS	65-120	20-30	25-32	28-38

1) AFTER DISCARD AT SEA

2) INCHES - MANILLA

TABLE 48

LENGTH FREQUENCIES - HADDOCK - 30 - 1962

(FREQUENCIES IN ‰ - 2 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)							
	LANDINGS		LANDINGS AFTER DISCARD AT SEA					
CATCHES/LANDINGS	JANUARY	MARCH	JANUARY	FEBRUARY	MARCH	APRIL	MAY	DECEMBER
MONTH	CANADA (MARITIMES)		CANADA (NEWFOUNDLAND)					
COUNTRY	CANADA (MARITIMES)		CANADA (NEWFOUNDLAND)					
TONNAGE	51-150		151-500					
28-29	-	-	-	1	1	-	-	-
30-31	13	11	2	3	5	1	4	1
32-33	13	28	4	12	14	11	18	1
34-35	76	48	46	57	51	41	47	5
36-37	199	136	154	174	163	128	130	15
38-39	295	281	269	271	261	253	267	76
40-41	212	207	253	244	242	263	252	168
42-43	103	176	152	134	142	170	156	203
44-45	57	60	65	54	65	77	66	186
46-47	15	27	27	29	30	33	35	175
48-49	11	5	12	11	11	8	9	86
50-51	1	13	6	4	7	4	9	37
52-53	-	4	3	2	4	4	2	21
54-55	1	1	2	2	2	1	1	9
56-57	-	-	1	1	1	3	2	8
58-59	3	-	1	1	1	2	1	3
60-61	-	-	-	1	1	-	1	3
62-63	-	3	1	-	-	-	-	2
64-65	-	-	1	-	-	-	-	-
66-67	-	-	-	-	-	-	-	-
68-69	-	-	-	-	-	-	-	1
TOTAL ‰	999	1000	999	1001	1001	999	1000	1000
SERIAL NUMBERS	84	85	-	8	-	-	-	-
NUMBER OF SAMPLES	1	1	12	8	20	3	10	4
NUMBER OF FISH MEASURED	360	542	4255	2765	10690	974	3136	1094
MEAN LENGTH (CM)	39.11	39.82	40.04	39.67	39.86	40.23	40.04	44.19
MEAN WEIGHT (KG)	0.66	0.65	0.63	0.62	0.62	0.65	0.65	0.88
TOTAL WEIGHT LANDED (TONS)	-	-	5405	4909	4512	2829	1538	646
ESTIMATED NUMBER LANDED	-	-	8612554	7952159	7288720	4364026	2379321	733200
MESH SIZE (INCHES)	4 7/8	4 1/2	4 1/2 - 4 5/8	4 1/2 - 4 3/4	4 - 4 1/2	4 1/2 - 5 3/4	4 1/2 - 5	4 1/2
RANGE OF DEPTHS (FM)	75-80	78-110	53-140	60-160	50-170	45-80	43-55	60-110
MESH MATERIAL (1)	-	-	M&N	M&N	M&N	M	M	M&N

1) M - MANILLA

N - NYLON

TABLE 48
(CONT'D)

LENGTH FREQUENCIES - HADDOCK - 30 - 1962

(FREQUENCIES IN % - 2 CM GROUPS)

GEAR	OTTER TRAWL								
	(RESEARCH)			(NK)					
CATCHES/LANDINGS	CATCHES			NK					
MONTH	FEBRUARY	MAY	AUGUST	FEBRUARY	MARCH	APRIL	MAY	JUNE	OCTOBER
COUNTRY	U. S. S. R.								
TONNAGE	NK			1100	1800			1100	1800
18-19	-	1	-	-	-	-	-	1	-
20-21	-	2	13	-	-	-	-	-	8
22-23	-	5	9	-	-	-	-	1	-
24-25	-	2	22	-	-	-	-	-	16
26-27	-	1	4	1	-	-	-	-	16
28-29	-	5	4	3	-	-	-	-	16
30-31	6	12	17	8	-	-	-	3	16
32-33	11	35	17	18	9	6	2	6	8
34-35	30	43	114	35	55	-	4	20	55
36-37	107	81	184	125	111	12	16	56	55
38-39	229	195	130	219	256	37	27	106	100
40-41	254	215	148	168	183	79	65	180	47
42-43	191	150	78	220	191	128	94	176	148
44-45	104	100	57	81	46	134	80	121	117
46-47	34	54	30	48	55	116	111	81	125
48-49	18	38	61	37	34	85	120	56	47
50-51	6	22	39	13	13	122	145	51	23
52-53	5	13	30	16	17	55	96	37	86
54-55	2	8	9	4	4	31	65	34	39
56-57	2	4	13	1	9	37	60	17	23
58-59	1	6	4	2	13	18	40	14	31
60-61	-	3	13	1	-	31	24	7	8
62-63	-	2	-	-	-	31	24	9	16
64-65	-	1	-	-	-	23	13	4	-
66-67	-	-	4	-	-	31	4	4	-
68-69	-	1	-	-	-	12	4	2	-
70-71	-	-	-	-	-	6	2	2	-
72-73	-	-	-	-	-	6	2	2	-
74-75	-	-	-	-	-	-	-	-	-
76-77	-	1	-	-	-	-	-	1	-
78-79	-	-	-	-	-	-	2	3	-
80-81	-	-	-	-	-	-	-	3	-
82-83	-	-	-	-	-	-	-	2	-
84-85	-	-	-	-	-	-	-	1	-
TOTAL %/00	1000	1000	1000	1000	1000	1000	1000	1000	1000
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	15	8	1	6	4	9	11	28	9
NUMBER OF FISH MEASURED	4031	2288	230	1327	235	164	450	1615	128
MEAN LENGTH (CM)	40.6	41.0	40.2	40.93	41.22	49.15	49.50	44.63	43.91
MEAN WEIGHT (KG)	0.56	-	0.89	-	-	-	-	-	-
TOTAL WEIGHT LANDED (TONS)	20	1463	2	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-
MESH SIZE (MM)	110-120	110-120	110-120	110	110	110	110	110	110
RANGE OF DEPTHS (FM)	60-130	50-90	80-130	93-200	95-140	50-90	48-83	95-80	36-225

TABLE 50

LENGTH FREQUENCIES - HADDOCK - 3P - 1962

(FREQUENCIES IN ‰ - 2 CM GROUPS)

GEAR	OTTER TRAWL						
	(COMMERCIAL)	(NK)					
CATCHES/LANDINGS	CATCHES ¹⁾	NK					
MONTH	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
COUNTRY	U. K.	U. S. S. R.					
TONNAGE	OVER 1800	1800	1100	1800		1100	
22-23	-	-	-	-	1	-	-
24-25	-	-	-	-	-	2	-
26-27	-	5	-	-	-	9	-
28-29	-	2	-	-	-	2	-
30-31	-	9	-	-	4	9	-
32-33	-	19	-	1	9	9	-
34-35	-	24	-	1	22	5	26
36-37	-	9	57	7	40	24	9
38-39	-	26	16	8	42	62	18
40-41	-	17	31	21	80	149	62
42-43	-	51	63	31	98	180	53
44-45	-	55	26	42	93	118	106
46-47	-	60	130	93	97	66	80
48-49	-	125	52	106	84	81	53
50-51	-	101	89	158	124	83	150
52-53	-	82	120	124	72	78	80
54-55	119	110	47	89	62	45	115
56-57	337	60	114	83	51	26	62
58-59	198	84	42	44	29	14	35
60-61	119	24	36	45	32	7	53
62-63	39	49	68	43	19	9	18
64-65	59	41	16	28	14	12	35
66-67	59	24	26	26	10	-	18
68-69	39	17	26	17	3	-	-
70-71	30	7	5	16	3	5	-
72-73	-	5	21	8	7	-	18
74-75	-	-	5	4	-	5	9
76-77	-	-	10	3	4	-	-
78-79	-	-	-	2	-	-	-
TOTAL ‰	999	1000	1000	1000	1000	1000	1000
SERIAL NUMBERS	-	-	-	-	-	-	-
NUMBER OF SAMPLES	1	8	2	25	19	7	3
NUMBER OF FISH MEASURED	101	417	192	4069	692	423	113
MEAN LENGTH (CM)	-	51.52	52.65	53.33	48.38	45.81	51.09
MEAN WEIGHT (KG)	-	-	-	-	-	-	-
TOTAL WEIGHT LANDED (TONS)	4.7	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	1244	-	-	-	-	-	-
MESH SIZE (MM)	-	110	110	110	110	110	110
RANGE OF DEPTHS (FM)	-	80-150	70-130	55-105	55-105	68-115	55-130

1) AFTER DISCARD

TABLE 51

LENGTH FREQUENCIES - HADDOCK - 4T - 1962

(FREQUENCIES IN %/00 - 2 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)		
	LANDINGS		
CATCHES/LANDINGS	JULY	SEPTEMBER	OCTOBER
MONTH	CANADA (MARITIMES)		
COUNTRY	26-150	26-50	51-150
TONNAGE	26-150	26-50	51-150
36-37	5	-	-
38-39	11	16	14
40-41	20	16	21
42-43	48	31	28
44-45	45	72	49
46-47	199	88	199
48-49	120	124	119
50-51	111	202	189
52-53	79	135	147
54-55	108	135	70
56-57	88	83	98
58-59	44	26	77
60-61	50	52	42
62-63	36	16	7
64-65	91	5	-
66-67	24	-	-
68-69	8	-	7
70-71	10	-	-
72-73	17	-	-
74-75	5	-	-
76-77	5	-	-
78-79	-	-	-
80-81	3	-	-
TOTAL %/00	1001	1001	1001
SERIAL NUMBERS	87-88	89	90
NUMBER OF SAMPLES	2	1	1
NUMBER OF FISH MEASURED	368	193	149
MEAN LENGTH (CM)	52.91	51.17	51.24
MEAN WEIGHT (KG)	1.84	1.44	1.52
TOTAL WEIGHT LANDED (TONS)	-	-	-
ESTIMATED NUMBER LANDED	-	-	-
MESH SIZE (INCHES)	4½	4½	4½
RANGE OF DEPTHS (FM)	12-40	16-22	18-20

TABLE 52

LENGTH FREQUENCIES - HADDOCK - 4VN - 1962

(FREQUENCIES IN ‰ - 2 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)	
CATCHES/LANDINGS	LANDINGS	
MONTH	MAY	JUNE
COUNTRY	CANADA (MARITIMES)	
TONNAGE	NK	151-500
38-39	-	8
40-41	3	23
42-43	-	85
44-45	23	194
46-47	58	247
48-49	42	97
50-51	88	61
52-53	119	68
54-55	149	70
56-57	108	35
58-59	101	21
60-61	61	28
62-63	75	13
64-65	41	12
66-67	58	14
68-69	34	7
70-71	20	10
72-73	7	2
74-75	7	5
76-77	7	-
78-79	-	-
80-81	-	-
82-83	-	1
TOTAL ‰	1001	1001
SERIAL NUMBERS	96	91-92
NUMBER OF SAMPLES	1	2
NUMBER OF FISH MEASURED	300	470
MEAN LENGTH (CM)	56.83	49.34
MEAN WEIGHT (KG)	1.91	1.02
TOTAL WEIGHT LANDED (TONS)	-	-
ESTIMATED NUMBER LANDED	-	-
MESH SIZE (INCHES)	-	4½
RANGE OF DEPTHS (FM)	-	80-110

TABLE 53

LENGTH FREQUENCIES - HADDOCK - 4Vs - 1962

(FREQUENCIES IN %/00 - 2 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)	
CATCHES/LANDINGS	LANDINGS	
MONTH	MARCH	MAY
COUNTRY	CANADA (MARITIMES)	
TONNAGE	151-500	
40-41	22	25
42-43	26	86
44-45	114	216
46-47	126	215
48-49	83	166
50-51	196	81
52-53	215	67
54-55	121	45
56-57	102	46
58-59	29	25
60-61	10	12
62-63	6	5
64-65	10	5
66-67	-	2
68-69	-	2
70-71	-	2
TOTAL %/00	1000	1000
SERIAL NUMBERS	93	94-95
NUMBER OF SAMPLES	1	2
NUMBER OF FISH MEASURED	270	549
MEAN LENGTH (CM)	50.79	48.22
MEAN WEIGHT (KG)	1.46	1.10
TOTAL WEIGHT LANDED (TONS)	-	-
ESTIMATED NUMBER LANDED	-	-
MESH SIZE (INCHES)	4½	4½
RANGE OF DEPTHS (FM)	80-92	75-90

TABLE 54

LENGTH FREQUENCIES - HADDOCK - 4W - 1962

(FREQUENCIES IN ‰ - 2 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)							
	CATCHES	LANDINGS						
CATCHES/LANDINGS	JULY	JANUARY	FEBRUARY	MARCH	APRIL	JUNE	JULY	JULY
MONTH	CANADA (MARITIMES)							
COUNTRY	151-500							
TONNAGE	151-500							
26-27	1	-	-	-	-	-	-	-
28-29	3	-	-	-	-	-	-	-
30-31	9	-	-	-	-	-	-	-
32-33	29	-	-	1	-	-	-	-
34-35	59	-	-	2	-	-	-	-
36-37	111	-	2	3	-	-	-	-
38-39	117	6	12	18	54	-	3	16
40-41	100	24	35	61	161	-	25	109
42-43	94	75	87	103	168	2	72	141
44-45	102	101	193	152	173	22	132	162
46-47	106	128	160	142	151	91	156	184
48-49	100	158	126	126	66	238	137	146
50-51	58	126	89	115	34	308	135	76
52-53	39	150	54	73	36	170	102	54
54-55	32	109	51	56	27	74	107	38
56-57	16	47	36	42	23	47	54	32
58-59	9	31	27	33	28	9	31	5
60-61	4	12	40	27	20	19	16	22
62-63	3	12	31	19	16	5	17	11
64-65	3	4	13	10	14	5	5	-
66-67	2	4	14	7	8	5	1	5
68-69	-	7	13	4	9	-	2	5
70-71	1	7	10	3	6	-	2	-
72-73	-	-	4	2	2	2	3	-
74-75	-	-	1	1	1	-	-	-
76-77	1	-	1	-	1	-	-	-
78-79	-	-	-	-	-	2	-	-
80-81	-	-	1	-	-	-	-	-
82-83	-	-	-	-	1	-	-	-
TOTAL ‰	999	1001	1000	1000	999	999	1000	1000
SERIAL NUMBERS	-	58	59-61	62-73	74	75	76-77	-
NUMBER OF SAMPLES	1	1	3	12	1	1	2	1
NUMBER OF FISH MEASURED	1165	420	959	4274	333	274	518	185
MEAN LENGTH (CM)	43.38	50.07	49.76	48.81	46.79	51.00	49.74	47.16
MEAN WEIGHT (KG)	-	1.29	1.43	1.25	1.16	1.28	1.30	1.10
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-	-	-
MESH SIZE (INCHES)	-	4 5/8	4 1/2	4 1/2-4 7/8	4 1/2+	4 1/2	4 5/8-4 7/8	4 1/2
RANGE OF DEPTHS (FM)	-	80-125	50-70	40-68	56-80	20-30	30-55	20-30

TABLE 54
(CONT'D)

LENGTH FREQUENCIES - HADDOCK - 4W - 1962

(FREQUENCIES IN %/00 - 2 CM GROUPS)

GEAR	OTTER TRAWL					LONG LINE	
	(COMMERCIAL)					(NK)	(COMMERCIAL)
CATCHES/LANDINGS	LANDINGS					NK	LANDINGS
MONTH	AUGUST	SEPTEMBER	NOVEMBER	DECEMBER	MAY	AUGUST	
COUNTRY	CANADA (MARITIMES)					U. S. S. R.	CANADA (M)
TONNAGE	151-500					1800	0-25
16-17	-	-	-	-	-	4	-
18-19	-	-	-	-	-	-	-
20-21	-	-	-	-	-	-	-
22-23	-	-	-	-	-	-	-
24-25	-	-	-	-	-	4	-
26-27	-	-	-	-	-	-	-
28-29	-	-	-	-	-	18	-
30-31	-	-	-	-	-	93	-
32-33	-	-	-	-	-	142	-
34-35	-	-	4	-	-	244	-
36-37	-	2	5	-	4	196	11
38-39	15	16	10	-	11	111	11
40-41	56	76	10	-	15	45	68
42-43	153	109	19	-	34	22	73
44-45	174	197	76	-	107	27	96
46-47	185	158	187	-	191	31	119
48-49	122	114	216	-	165	19	136
50-51	81	80	176	-	165	13	164
52-53	66	74	111	-	131	4	96
54-55	51	68	88	-	81	4	102
56-57	47	49	30	-	38	-	90
58-59	27	27	32	-	19	4	23
60-61	13	23	14	-	23	13	6
62-63	4	3	12	-	-	4	6
64-65	2	3	5	-	8	-	-
66-67	1	-	4	-	8	-	5
68-69	1	1	1	-	-	4	-
70-71	-	-	-	-	-	-	-
72-73	-	-	-	-	-	-	-
74-75	1	-	-	-	-	-	-
76-77	-	-	-	-	-	-	-
78-79	-	-	-	-	-	-	-
80-81	-	-	-	-	-	-	-
82-83	-	-	-	-	-	4	-
TOTAL %/00	999	1000	1000	1000	1000	1000	1000
SERIAL NUMBERS	78	79-80	81-82	83	-	-	86
NUMBER OF SAMPLES	1	2	2	1	4	1	1
NUMBER OF FISH MEASURED	543	581	624	261	226	177	177
MEAN LENGTH (CM)	47.60	47.86	49.80	49.59	36.88	49.19	49.19
MEAN WEIGHT (KG)	1.14	1.07	1.40	1.41	-	1.34	1.34
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-
MESH SIZE (INCHES)	4½	4½	4½	4 ¾	110(mm)	No. 16	No. 16
RANGE OF DEPTHS (FM)	-	22-42	23-68	28-34	50-125	15-25	15-25

TABLE 55

LENGTH FREQUENCIES - HADDOCK - 4X - 1962

(FREQUENCIES IN %/00 - 2 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)								
	LANDINGS								
CATCHES/LANDINGS	FEBRUARY ²⁾	MARCH	MARCH	APRIL	MAY	JUNE	JUNE	JULY	JULY
MONTH	USA	CAN/USA ¹⁾	USA	USA	USA	CAN/USA ¹⁾	USA	CAN/USA ¹⁾	USA
TONNAGE	51-377	17-250	51-377	51-377	51-377	17-250	51-377	17-250	51-377
30-31	-	-	-	-	-	1	-	-	-
32-33	-	-	-	-	-	28	-	-	4
34-35	-	-	2	-	-	145	13	-	-
36-37	-	-	2	6	7	193	69	-	43
38-39	-	4	11	25	39	157	44	38	52
40-41	55	21	28	44	37	114	139	47	83
42-43	55	64	50	102	52	95	130	106	143
44-45	110	74	95	118	82	51	101	76	192
46-47	193	106	128	147	96	43	83	73	169
48-49	275	135	144	138	111	31	87	82	136
50-51	174	117	153	110	108	31	75	67	62
52-53	83	160	132	103	119	30	85	79	22
54-55	55	78	98	62	88	23	48	73	32
56-57	-	85	70	50	83	16	62	44	25
58-59	-	67	41	43	77	10	28	67	16
60-61	-	46	18	22	44	10	17	56	7
62-63	-	21	13	13	26	2	-	65	8
64-65	-	4	9	8	18	5	3	38	3
66-67	-	11	3	5	9	8	3	38	2
68-69	-	7	1	2	3	3	3	29	1
70-71	-	-	1	-	1	2	7	15	1
72-73	-	-	-	-	-	1	3	6	-
74-75	-	-	-	-	-	-	-	-	-
76-77	-	-	-	-	-	-	-	-	-
78-79	-	-	-	-	-	1	-	-	-
TOTAL %/00	1000	1000	999	998	1000	1000	1000	999	1001
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	1	1	7	11	8	5	2	2	4
NUMBER OF FISH MEASURED	109	282	739	1122	802	1066	204	341	415
MEAN LENGTH (CM)	47.91	51.33	50.22	49.05	50.97	40.92	50.73	52.48	45.79
MEAN WEIGHT (KG)	1.22	1.50	1.41	1.23	1.36	0.80	1.36	1.53	1.01
TOTAL WEIGHT LANDED (TONS)	334	329	985	2904	688	955	86	1028	241
ESTIMATED NUMBER LANDED ³⁾	2745	2192	7001	23646	5050	11958	632	6723	2386
MESH SIZE (MM)	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
RANGE OF DEPTHS (FM)	59-75	50-60	30-90	40-80	25-90	20-80	27-45	30-80	27-35

1) CANADA/UNITED STATES CO-OPERATIVE PROGRAMME

2) BASED ON ONE SCROD SAMPLE ONLY

3) FIGURES REPORTED IN 100'S

TABLE 55
(CONT'D)

LENGTH FREQUENCIES - HADDOCK - 4X - 1962

(FREQUENCIES IN % - 2 CM GROUPS)

GEAR	OTTER TRAWL				
	(COMMERCIAL)				(NK)
CATCHES/LANDINGS	LANDINGS				
MONTH	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	JUNE
COUNTRY	CAN/USA ¹⁾	USA	CAN/USA ¹⁾	CAN/USA ¹⁾	USSR
TONNAGE	17-250	51-377	17-250	17-250	1800
32-33	-	-	1	-	-
34-35	-	-	2	-	-
36-37	49	4	7	-	-
38-39	62	27	55	12	-
40-41	62	41	100	12	-
42-43	130	103	125	24	21
44-45	126	119	228	18	37
46-47	225	108	174	24	32
48-49	120	98	123	61	79
50-51	70	95	82	115	68
52-53	42	109	35	182	105
54-55	33	90	30	176	53
56-57	22	58	17	85	132
58-59	16	54	11	121	68
60-61	7	31	1	73	84
62-63	11	26	-	55	84
64-65	2	14	10	18	26
66-67	9	10	-	18	47
68-69	4	6	-	6	37
70-71	7	4	-	6	58
72-73	-	1	-	-	37
74-75	2	-	-	-	11
76-77	-	-	-	-	5
78-79	2	1	-	-	-
80-81	-	-	-	-	5
82-83	-	1	-	-	11
TOTAL %/00	1001	1000	1001	1000	1000
SERIAL NUMBERS	-	-	-	-	-
NUMBER OF SAMPLES	2	9	9	1	2
NUMBER OF FISH MEASURED	237	931	1286	165	190
MEAN LENGTH (CM)	46.67	50.15	45.96	54.37	58.13
MEAN WEIGHT (KG)	1.31	1.36	1.07	1.71	-
TOTAL WEIGHT LANDED (TONS)	1174	448	856	585	-
ESTIMATED NUMBER LANDED ²⁾	8939	3298	8037	3418	-
MESH SIZE (INCHES)	4.5	4.5	4.5	4.5	110(MM)
RANGE OF DEPTHS (FM)	36-38	50-120	35-55	OVER 30	50-60

1) CANADA/UNITED STATES Co-OPERATIVE PROGRAMME

2) FIGURES REPORTED IN 100'S

TABLE 56

LENGTH FREQUENCIES - HADDOCK - 5Y - 1962

(FREQUENCIES IN ‰ - 2 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)					
CATCHES/LANDINGS	LANDINGS					
MONTH	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
COUNTRY	CANADA/UNITED STATES CO-OPERATIVE PROGRAMME					
TONNAGE	25-377					
30-31	-	-	-	-	-	11
32-33	-	-	-	-	-	-
34-35	-	17	-	-	-	-
36-37	2	-	5	-	-	-
38-39	13	10	22	5	-	33
40-41	67	92	36	71	13	132
42-43	168	116	93	55	66	165
44-45	224	102	103	72	86	121
46-47	165	102	86	95	60	86
48-49	78	128	67	87	105	96
50-51	34	101	87	81	69	95
52-53	36	73	104	70	111	59
54-55	32	56	80	59	80	50
56-57	37	38	82	46	100	36
58-59	30	44	61	43	79	41
60-61	31	41	42	66	61	32
62-63	28	39	48	65	69	5
64-65	12	15	36	65	41	5
66-67	16	12	19	44	34	23
68-69	17	6	16	32	18	5
70-71	7	6	9	23	6	-
72-73	-	3	4	5	1	9
74-75	-	-	2	12	-	-
76-77	-	-	-	5	-	-
TOTAL ‰	997	1001	1002	1001	999	1004
SERIAL NUMBERS	-	-	-	-	-	-
NUMBER OF SAMPLES	5	7	18	4	3	2
NUMBER OF FISH MEASURED	379	574	1476	272	281	150
MEAN LENGTH (CM)	48.40	49.54	51.87	53.88	53.70	47.88
MEAN WEIGHT (KG)	1.32	1.38	1.53	1.55	1.54	1.17
TOTAL WEIGHT LANDED (TONS)	177	348	387	328	298	366
ESTIMATED NUMBER LANDED ¹⁾	1349	2529	2533	2118	1939	3139
MESH SIZE (INCHES)	4.5	4.5	4.5	4.5	4.5	4.5
RANGE OF DEPTHS (FM)	16-115	30-103	25-120	15-100	30-90	50-120

1) FIGURES REPORTED IN 100's

TABLE 56
(CONT'D)

LENGTH FREQUENCIES - HADDOCK - 5Y - 1962

(FREQUENCIES IN % - 2 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)				
CATCHES/LANDINGS	LANDINGS				
MONTH	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
COUNTRY	CANADA/UNITED STATES CO-OPERATIVE PROGRAMME				
TONNAGE	25-377				
38-39	10	-	13	8	-
40-41	81	-	92	19	3
42-43	99	-	79	89	50
44-45	99	-	92	130	132
46-47	118	-	160	172	239
48-49	95	-	96	160	208
50-51	53	40	61	115	134
52-53	77	130	155	73	69
54-55	51	140	77	61	50
56-57	53	170	63	54	33
58-59	65	200	38	35	35
60-61	46	70	24	26	14
62-63	53	70	18	19	11
64-65	31	40	16	20	9
66-67	27	60	8	6	5
68-69	21	50	4	6	1
70-71	12	20	4	4	3
72-73	3	10	-	2	1
74-75	2	-	-	-	1
76-77	-	-	-	-	1
78-79	-	-	-	-	1
80-81	2	-	-	-	-
TOTAL %	998	1000	1000	999	1000
SERIAL NUMBERS	-	-	-	-	-
NUMBER OF SAMPLES	6	1	5	6	5
NUMBER OF FISH MEASURED	531	100	443	572	564
MEAN LENGTH (CM)	51.46	58.44	49.73	49.79	49.37
MEAN WEIGHT (KG)	1.51	2.10	1.36	1.36	1.35
TOTAL WEIGHT LANDED (TONS)	352	422	596	799	529
ESTIMATED NUMBER LANDED ¹⁾	2334	1235	4386	5865	3866
MESH SIZE (INCHES)	4.5	4.5	4.5	4.5	4.5
RANGE OF DEPTHS (FM)	45-120	35-115	30-100	30-120	16-105

1) FIGURES REPORTED IN 100's

TABLE 57

LENGTH FREQUENCIES - HADDOCK - 5Z - 1962

(FREQUENCIES IN %/00 - 2 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)						
	LANDINGS						
CATCHES/LANDINGS	LANDINGS						
MONTH	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JUNE
COUNTRY	UNITED STATES					CANADA (M)	U. S. A.
TONNAGE	25-377					151-500	25-377
32-33	-	-	-	1	-	-	-
34-35	-	4	-	2	-	-	1
36-37	1	6	4	6	4	-	16
38-39	18	36	8	12	22	2	44
40-41	43	73	29	44	32	12	90
42-43	101	89	77	82	54	75	104
44-45	130	124	134	130	106	105	118
46-47	122	108	171	149	111	141	136
48-49	110	106	152	142	100	122	105
50-51	86	81	118	101	108	109	78
52-53	78	67	62	77	82	107	46
54-55	68	59	53	57	65	74	34
56-57	48	46	39	42	61	51	41
58-59	43	36	32	32	50	55	35
60-61	35	35	27	22	46	29	30
62-63	37	34	25	16	47	46	34
64-65	24	26	20	22	34	31	25
66-67	23	18	15	19	26	17	22
68-69	14	18	11	12	22	10	18
70-71	11	12	8	17	14	7	9
72-73	4	10	5	8	8	2	6
74-75	4	5	3	4	4	5	3
76-77	1	5	2	3	3	-	3
78-79	1	2	2	-	-	-	-
80-81	-	1	-	1	-	-	-
82-83	-	1	-	-	1	-	-
TOTAL %/00	1002	1002	997	1001	1000	1000	998
SERIAL NUMBERS	-	-	-	-	-	115-116	-
NUMBER OF SAMPLES	17	22	22	17	21	2	23
NUMBER OF FISH MEASURED	1595	2155	2202	1650	2072	477	2241
MEAN LENGTH (CM)	50.83	50.55	50.25	50.27	52.26	51.61	49.51
MEAN WEIGHT (KG)	1.51	1.48	1.35	1.26	1.45	1.55	1.30
TOTAL WEIGHT LANDED (TONS)	3346	2375	4645	3728	6379	-	5910
ESTIMATED NUMBER LANDED ¹⁾	22194	16017	34516	29619	44095	-	45419
MESH SIZE (INCHES)	4.5	4.5	4.5	4.5	4.5	4 3/4-5	4.5
RANGE OF DEPTHS (FM)	10-150	10-145	10-120	8-130	10-120	30-52	12-110

1) FIGURES REPORTED IN 100'S

TABLE 57
(CONT'D)

LENGTH FREQUENCIES - HADDOCK - 52 - 1962

(FREQUENCIES IN %/00 - 2 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)						
	LANDINGS						
CATCHES/LANDINGS	JULY		AUGUST		SEPTEMBER		OCTOBER
MONTH	CANADA(M)	U.S.A.	CANADA(M)	U.S.A.	CANADA(M)	U.S.A.	CANADA(M)
COUNTRY	151-500	25-377	151-500	25-377	151-500	25-377	151-500
TONNAGE							
32-33	-	-	-	-	-	2	-
34-35	2	1	-	1	-	1	3
36-37	3	10	19	14	-	14	18
38-39	20	23	74	39	13	21	71
40-41	64	64	56	69	39	49	94
42-43	102	87	102	139	96	87	102
44-45	125	135	131	154	188	93	119
46-47	140	152	157	136	140	127	82
48-49	133	132	133	141	74	147	129
50-51	98	114	93	98	95	127	97
52-53	86	74	84	62	108	110	89
54-55	66	56	47	49	52	68	78
56-57	54	43	30	39	67	43	62
58-59	40	31	27	24	26	36	25
60-61	17	19	27	17	30	23	16
62-63	19	18	3	8	15	16	8
64-65	14	15	13	8	15	11	5
66-67	11	8	3	3	8	7	4
68-69	2	7	-	-	7	6	2
70-71	4	6	-	-	8	2	-
72-73	-	2	-	-	4	2	-
74-75	-	2	-	-	8	1	1
76-77	-	1	-	-	7	2	1
78-79	-	1	-	-	-	-	-
80-81	-	-	-	-	-	1	-
TOTAL %/00	1000	1001	999	1001	1000	996	1000
SERIAL NUMBERS	117-119	-	120	-	121	-	122-126
NUMBER OF SAMPLES	3	20	1	23	1	24	5
NUMBER OF FISH MEASURED	758	2626	252	2682	247	3516	967
MEAN LENGTH (CM)	49.12	49.02	47.58	47.42	49.95	49.48	47.84
MEAN WEIGHT (KG)	1.36	1.26	1.24	1.16	1.45	1.35	1.28
TOTAL WEIGHT LANDED (TONS)	-	5037	-	4835	-	4204	-
ESTIMATED NUMBER LANDED ¹⁾	-	39930	-	41736	-	31299	-
MESH SIZE (INCHES)	4 3/4	4.5	4 1/2	4.5	5	4.5	4 1/2
RANGE OF DEPTHS (FM)	40-55	14-125	-	13-120	44	15-145	40-125

1) FIGURES REPORTED IN 100's

TABLE 57
(CONT'D)

LENGTH FREQUENCIES - HADDOCK - 52 - 1962

(FREQUENCIES IN $\%_{00}$ - 2 CM GROUPS)

GEAR	OTTER TRAWL						
	(COMMERCIAL)			(NK)			
CATCHES/LANDINGS	LANDINGS			NK			
MONTH	OCTOBER	NOVEMBER	DECEMBER	FEBRUARY	MAY	JUNE	JULY
COUNTRY	UNITED STATES			U. S. S. R.			
TONNAGE	25-377			1800			1100
26-27	-	-	-	-	-	1	-
28-29	-	-	-	-	-	3	-
30-31	-	-	1	-	-	2	-
32-33	-	4	1	-	-	4	-
34-35	1	3	2	1	5	1	-
36-37	5	9	11	31	5	2	3
38-39	31	30	23	56	9	6	12
40-41	53	65	36	230	27	22	18
42-43	109	80	54	187	30	34	58
44-45	118	92	85	124	56	46	72
46-47	170	140	112	96	86	76	121
48-49	143	120	133	108	66	63	193
50-51	105	127	114	92	82	65	86
52-53	66	92	83	13	52	70	158
54-55	60	58	83	5	39	48	115
56-57	35	49	69	14	36	46	44
58-59	31	33	51	10	26	27	48
60-61	21	23	35	17	29	27	12
62-63	16	20	32	7	31	27	36
64-65	10	16	19	1	43	25	3
66-67	10	10	17	2	48	24	3
68-69	7	9	12	1	54	40	9
70-71	3	4	11	5	57	57	3
72-73	3	6	6	-	55	56	-
74-75	2	4	5	-	50	54	3
76-77	1	3	2	-	46	55	-
78-79	-	3	2	-	29	44	-
80-81	1	-	1	-	23	41	3
82-83	-	-	-	-	9	21	-
84-85	-	-	-	-	5	9	-
86-87	-	-	-	-	2	4	-
TOTAL $\%_{00}$	1001	1000	1000	1000	1000	1000	1000
SERIAL NUMBERS	-	-	-	-	-	-	-
NUMBER OF SAMPLES	22	20	24	2	9	17	3
NUMBER OF FISH MEASURED	2392	2011	2490	845	3367	2924	338
MEAN LENGTH (CM)	48.81	49.71	51.37	44.89	59.39	60.00	50.75
MEAN WEIGHT (KG)	1.30	1.39	1.55	-	-	-	-
TOTAL WEIGHT LANDED (TONS)	3930	2286	2604	-	-	-	-
ESTIMATED NUMBER LANDED	30197 ¹⁾	16394 ¹⁾	16840 ¹⁾	-	-	-	-
MESH SIZE (INCHES)	4.5	4.5	4.5	110 ²⁾	110 ²⁾	110 ²⁾	110 ²⁾
RANGE OF DEPTHS (FM)	18-138	15-130	15-130	75-166	35-45	36-45	25-50

1) FIGURES REPORTED IN 100'S

2) MESH SIZE REPORTED IN (MM)

TABLE 58

AGE FREQUENCIES - HADDOCK - 3N - 1962

(FREQUENCIES IN ‰)

GEAR		OTTER TRAWL (RESEARCH)						
CATCHES/LANDINGS		CATCHES						
MONTH		AUGUST						
COUNTRY		U. S. S. R.						
TONNAGE		NK						
YEAR-CLASS	AGE	‰ FREQUENCY			MEAN LENGTH			
		00	99	TOT.	00	99	TOT.	
1960	1+	-	20	20	-	25.5	25.5	
1959	3	-	-	-	-	-	-	
1958	4	73	73	146	36.6	33.8	35.3	
1957	5	51	156	207	39.9	38.0	38.5	
1956	6	20	104	124	41.5	40.5	40.7	
1955	7	51	115	166	43.5	43.5	43.5	
1954	8	60	156	216	48.8	49.6	49.4	
1953	9	40	81	121	59.4	56.2	57.5	
TOTAL ‰		295	705	1000				
SERIAL NUMBERS		-	-	-				
NUMBER OF SAMPLES		-	-	1				
NUMBER OF FISH AGED		29	68	97				
MEAN AGE		6.3	6.5	6.5				
MEAN WEIGHT (KG)		-	-	0.62				
TOTAL WEIGHT LANDED (TONS)		-	-	-				
ESTIMATED NUMBER LANDED		-	-	-				
MESH SIZE (MM)		-	-	110-120				
RANGE OF DEPTHS (FM)		-	-	20-30				

TABLE 59

AGE FREQUENCIES - HADDOCK - 30 - 1962

(FREQUENCIES IN %/00)

GEAR		OTTER TRAWL (RESEARCH)																
CATCHES/LANDINGS		CATCHES																
MONTH		FEBRUARY						AUGUST										
COUNTRY		U. S. S. R.																
TONNAGE		NK																
YEAR-CLASS	AGE	%/00 FREQUENCY			MEAN LENGTH			%/00 FREQUENCY			MEAN LENGTH							
		00	99	TOT.	00	99	TOT.	00	99	TOT.	00	99	TOT.					
1960	1+	-	-	-	-	-	-	10	6	16	26.1	27.5	25.7					
1959	2	6	3	9	30.5	30.5	30.5	-	-	-	-	-	-					
1958	4	53	13	66	35.1	35.0	35.1	58	58	116	35.6	35.2	35.4					
1957	5	210	94	304	38.4	38.1	38.3	138	93	231	38.7	38.3	38.5					
1956	6	134	127	261	40.6	40.7	40.6	51	73	124	40.4	40.7	40.5					
1955	7	77	200	277	43.3	43.0	43.1	102	180	282	42.9	43.3	43.1					
1954	8	23	60	83	45.7	47.1	46.5	32	45	77	46.1	48.1	47.7					
1953	9	-	-	-	-	-	-	-	10	10	-	49.5	49.5					
TOTAL %/00		503	497	1000	/			391	465	1000	/							
SERIAL NUMBERS		-	-	-				-	-	-				-	-	-	-	-
NUMBER OF SAMPLES		-	-	3				-	-	-				-	3	-	-	-
NUMBER OF FISH AGED		151	149	300				-	-	-				122	145	312	-	-
MEAN AGE		5.5	6.4	6.0				-	-	-				5.7	7.8	6.3	-	-
MEAN WEIGHT (KG)		-	-	0.56				-	-	-				-	-	0.89	-	-
TOTAL WEIGHT LANDED (TONS)		-	-	20				-	-	-				-	-	2	-	-
ESTIMATED NUMBER LANDED		-	-	-				-	-	-				-	-	-	-	-
MESH SIZE (MM)		-	-	110-120				-	-	-				-	-	110-120	-	-
RANGE OF DEPTHS (FM)		-	-	70-130				-	-	-				-	-	80-140	-	-

1) 144 INCLUDED IN TOTAL BUT NOT SEXED.

TABLE 60

AGE FREQUENCIES - HADDOCK - 4X - 1962

(FREQUENCIES IN 0/00)

GEAR		OTTER TRAWL (COMMERCIAL)											
CATCHES/LANDINGS		LANDINGS											
MONTH		JANUARY-MARCH					JANUARY-MARCH						
COUNTRY		CANADA/UNITED STATES CO-OPERATIVE PROGRAMME											
TONNAGE		17-250					51-377						
YEAR-CLASS	AGE	0/00 FREQUENCY			MEAN LENGTH			0/00 FREQUENCY			MEAN LENGTH		
		00	00	TOT.	00	00	TOT.	00	00	TOT.	00	00	TOT.
1958	4	-	-	110	-	-	46.42	-	-	119	-	-	46.95
1957	5	-	-	275	-	-	49.27	-	-	301	-	-	48.58
1956	6	-	-	259	-	-	50.54	-	-	266	-	-	49.41
1955	7	-	-	177	-	-	52.98	-	-	184	-	-	51.55
1954	8	-	-	88	-	-	55.76	-	-	67	-	-	54.20
1953	9	-	-	73	-	-	59.19	-	-	52	-	-	58.98
1952	10	-	-	23	-	-	58.76	-	-	16	-	-	57.58
TOTAL 0/00		-	-	1005	-	-		-	-	999	-	-	
SERIAL NUMBERS		-	-	-	-	-		-	-	-	-	-	
NUMBER OF SAMPLES		-	-	8	-	-		-	-	5	-	-	
NUMBER OF FISH AGED		-	-	181	-	-		-	-	181	-	-	
MEAN AGE		-	-	5.50	-	-		-	-	6.01	-	-	
MEAN WEIGHT (KG)		-	-	1.50	-	-		-	-	1.40	-	-	
TOTAL WEIGHT LANDED (TONS)		-	-	303	-	-		-	-	49.70	-	-	
ESTIMATED NUMBER LANDED ¹⁾		-	-	2553	-	-		-	-	1991	-	-	
MESH SIZE (INCHES)		-	-	4.5	-	-		-	-	4.5	-	-	
RANGE OF DEPTHS (FM)		-	-	20-80	-	-		-	-	25-120	-	-	

(CONT'D)

GEAR		OTTER TRAWL (COMMERCIAL)											
CATCHES/LANDINGS		LANDINGS											
MONTH		APRIL-JUNE					APRIL-JUNE						
COUNTRY		CANADA/UNITED STATES CO-OPERATIVE PROGRAMME											
TONNAGE		17-250					51-377						
YEAR-CLASS	AGE	0/00 FREQUENCY			MEAN LENGTH			0/00 FREQUENCY			MEAN LENGTH		
		00	00	TOT.	00	00	TOT.	00	00	TOT.	00	00	TOT.
1959	3	-	-	700	-	-	37.29	-	-	27	-	-	46.08
1958	4	-	-	188	-	-	45.62	-	-	226	-	-	44.94
1957	5	-	-	38	-	-	52.74	-	-	175	-	-	46.41
1956	6	-	-	39	-	-	53.93	-	-	262	-	-	48.97
1955	7	-	-	18	-	-	53.89	-	-	132	-	-	52.59
1954	8	-	-	9	-	-	63.78	-	-	86	-	-	54.97
1953	9	-	-	3	-	-	65.33	-	-	36	-	-	56.99
1952	10	-	-	4	-	-	70.00	-	-	31	-	-	59.52
1951	11	-	-	1	-	-	60.00	-	-	7	-	-	61.53
1950	12	-	-	-	-	-	-	-	-	10	-	-	59.74
1949	13+	-	-	4	-	-	68.00	-	-	2	-	-	64.21
TOTAL 0/00		-	-	998	-	-		-	-	994	-	-	
SERIAL NUMBERS		-	-	-	-	-		-	-	-	-	-	
NUMBER OF SAMPLES		-	-	5	-	-		-	-	19	-	-	
NUMBER OF FISH AGED		-	-	249	-	-		-	-	368	-	-	
MEAN AGE		-	-	3.58	-	-		-	-	5.94	-	-	
MEAN WEIGHT (KG)		-	-	0.80	-	-		-	-	1.25	-	-	
TOTAL WEIGHT LANDED (TONS)		-	-	1952	-	-		-	-	49.40	-	-	
ESTIMATED NUMBER LANDED ¹⁾		-	-	24400	-	-		-	-	3678	-	-	
MESH SIZE (INCHES)		-	-	4.5	-	-		-	-	4.5	-	-	
RANGE OF DEPTHS (FM)		-	-	20-80	-	-		-	-	25-120	-	-	

1)

FIGURES REPORTED IN 100'S

TABLE 60
(CONT'D)

AGE FREQUENCIES - HADDOCK - 4X - 1962

(FREQUENCIES IN 0/00)

GEAR		OTTER TRAWL (COMMERCIAL)												
CATCHES/LANDINGS		LANDINGS												
MONTH		JULY-SEPTEMBER						JULY-SEPTEMBER						
COUNTRY		CANADA/UNITED STATES CO-OPERATIVE PROGRAMME												
TONNAGE		17-250						51-377						
YEAR-CLASS	AGE	0/00 FREQUENCY			MEAN LENGTH			0/00 FREQUENCY			MEAN LENGTH			
		00	00	TOT.	00	00	TOT.	00	00	TOT.	00	00	TOT.	
1960	2	-	-	5	-	-	38.00	-	-	11	-	-	41.27	
1959	3	-	-	355	-	-	43.98	-	-	336	-	-	44.01	
1958	4	-	-	262	-	-	50.79	-	-	314	-	-	48.18	
1957	5	-	-	82	-	-	56.58	-	-	155	-	-	48.30	
1956	6	-	-	98	-	-	57.43	-	-	94	-	-	51.76	
1955	7	-	-	48	-	-	61.04	-	-	27	-	-	58.37	
1954	8	-	-	76	-	-	64.13	-	-	34	-	-	56.82	
1953	9	-	-	45	-	-	63.38	-	-	17	-	-	60.35	
1952	10	-	-	-	-	-	-	-	-	3	-	-	54.67	
1951	11	-	-	8	-	-	66.00	-	-	3	-	-	60.00	
1950	12	-	-	4	-	-	60.00	-	-	2	-	-	61.00	
1949	13+	-	-	17	-	-	70.12	-	-	2	-	-	71.00	
TOTAL 0/00		-	-	1000	/			-	-	998	/			
SERIAL NUMBERS		-	-	-				-	-	-				-
NUMBER OF SAMPLES		-	-	10				-	-	-				16
NUMBER OF FISH AGED		-	-	422				-	-	-				422
MEAN AGE		-	-	4.83				-	-	-				4.36
MEAN WEIGHT (KG)		-	-	1.41				-	-	-				1.23
TOTAL WEIGHT LANDED (TONS)		-	-	3546				-	-	-				47.96
ESTIMATED NUMBER LANDED ¹⁾		-	-	25149				-	-	-				873
MESH SIZE (INCHES)		-	-	4.5				-	-	-				4.5
RANGE OF DEPTHS (FM)		-	-	20-80				-	-	-				25-120

(CONT'D)

GEAR		OTTER TRAWL (COMMERCIAL)												
CATCHES/LANDINGS		LANDINGS												
MONTH		OCTOBER-DECEMBER						OCTOBER-DECEMBER						
COUNTRY		CANADA/UNITED STATES CO-OPERATIVE PROGRAMME												
TONNAGE		17-250						51-377						
YEAR-CLASS	AGE	0/00 FREQUENCY			MEAN LENGTH			0/00 FREQUENCY			MEAN LENGTH			
		00	00	TOT.	00	00	TOT.	00	00	TOT.	00	00	TOT.	
1960	2	-	-	10	-	-	38.20	-	-	6	-	-	39.83	
1959	3	-	-	504	-	-	44.75	-	-	901	-	-	44.91	
1958	4	-	-	180	-	-	50.60	-	-	83	-	-	47.68	
1957	5	-	-	119	-	-	51.06	-	-	9	-	-	53.41	
1956	6	-	-	108	-	-	53.57	-	-	2	-	-	54.50	
1955	7	-	-	45	-	-	53.51	-	-	-	-	-	-	
1954	8	-	-	20	-	-	59.50	-	-	-	-	-	-	
1953	9	-	-	7	-	-	61.71	-	-	-	-	-	-	
1952	10	-	-	2	-	-	72.00	-	-	-	-	-	-	
1951	11	-	-	-	-	-	-	-	-	-	-	-	-	
1950	12	-	-	5	-	-	66.00	-	-	-	-	-	-	
TOTAL 0/00		-	-	1000	/			-	-	1001	/			
SERIAL NUMBERS		-	-	-				-	-	-				-
NUMBER OF SAMPLES		-	-	12				-	-	-				10
NUMBER OF FISH AGED		-	-	325				-	-	-				276
MEAN AGE		-	-	4.11				-	-	-				3.10
MEAN WEIGHT (KG)		-	-	1.26				-	-	-				1.00
TOTAL WEIGHT LANDED (TONS)		-	-	1671				-	-	-				45.13
ESTIMATED NUMBER LANDED ¹⁾		-	-	13262				-	-	-				60
MESH SIZE (INCHES)		-	-	4.5				-	-	-				4.5
RANGE OF DEPTHS (FM)		-	-	20-80				-	-	-				25-120

1)

FIGURES REPORTED IN 100'S

TABLE 61

AGE FREQUENCIES - HADDOCK - 5Z - 1962

(FREQUENCIES IN ‰)

GEAR		OTTER TRAWL (COMMERCIAL)													
CATCHES/LANDINGS		LANDINGS													
MONTH		JANUARY-MARCH						APRIL-JUNE							
COUNTRY		UNITED STATES													
TONNAGE		25-377													
YEAR-CLASS	AGE	‰ FREQUENCY			MEAN LENGTH			‰ FREQUENCY			MEAN LENGTH				
		00	99	TOT.	00	99	TOT.	00	99	TOT.	00	99	TOT.		
1960	2	-	-	197	-	-	43.87	-	-	60	-	-	41.17		
1959	3	-	-	356	-	-	45.86	-	-	402	-	-	44.75		
1958	4	-	-	225	-	-	49.85	-	-	254	-	-	50.09		
1957	5	-	-	110	-	-	53.40	-	-	89	-	-	55.58		
1956	6	-	-	70	-	-	58.07	-	-	67	-	-	58.86		
1955	7	-	-	45	-	-	61.10	-	-	60	-	-	61.93		
1954	8	-	-	32	-	-	62.80	-	-	49	-	-	62.86		
1953	9	-	-	24	-	-	68.37	-	-	27	-	-	68.20		
TOTAL ‰		-	-	999	-	-		-	-	1002	-	-			
SERIAL NUMBERS		-	-	-	/						-	-	-		
NUMBER OF SAMPLES		-	-	51							-	-	-	-	55
NUMBER OF FISH AGED		-	-	887							-	-	-	-	940
MEAN AGE		-	-	4.04							-	-	-	-	4.18
MEAN WEIGHT (KG)		-	-	1.42							-	-	-	-	1.34
TOTAL WEIGHT LANDED (TONS)		-	-	10966							-	-	-	-	16017
ESTIMATED NUMBER LANDED		-	-	72727							-	-	-	-	119133
MESH SIZE (INCHES)		-	-	4.5							-	-	-	-	4.5
RANGE OF DEPTHS (FM)		-	-	10-145							-	-	-	-	8-130

(CONT'D)

GEAR		OTTER TRAWL (COMMERCIAL)													
CATCHES/LANDINGS		LANDINGS													
MONTH		JULY-SEPTEMBER						OCTOBER-DECEMBER							
COUNTRY		UNITED STATES													
TONNAGE		25-377													
YEAR-CLASS	AGE	‰ FREQUENCY			MEAN LENGTH			‰ FREQUENCY			MEAN LENGTH				
		00	99	TOT.	00	99	TOT.	00	99	TOT.	00	99	TOT.		
1961	1	-	-	2	-	-	34.70	-	-	9	-	-	36.94		
1960	2	-	-	208	-	-	41.45	-	-	284	-	-	43.58		
1959	3	-	-	469	-	-	44.60	-	-	399	-	-	48.20		
1958	4	-	-	227	-	-	51.85	-	-	191	-	-	52.87		
1957	5	-	-	50	-	-	55.91	-	-	52	-	-	56.92		
1956	6	-	-	20	-	-	59.96	-	-	22	-	-	61.02		
1955	7	-	-	13	-	-	63.37	-	-	16	-	-	65.4		
1954	8	-	-	7	-	-	66.15	-	-	12	-	-	65.39		
1953	9	-	-	4	-	-	67.24	-	-	14	-	-	70.90		
TOTAL ‰		-	-	1000	-	-		-	-	999	-	-			
SERIAL NUMBERS		-	-	-	/						-	-	-		
NUMBER OF SAMPLES		-	-	67							-	-	-	-	65
NUMBER OF FISH AGED		-	-	1140							-	-	-	-	1140
MEAN AGE		-	-	3.28							-	-	-	-	3.27
MEAN WEIGHT (KG)		-	-	1.25							-	-	-	-	1.39
TOTAL WEIGHT LANDED (TONS)		-	-	14076							-	-	-	-	8820
ESTIMATED NUMBER LANDED		-	-	112905							-	-	-	-	69431
MESH SIZE (INCHES)		-	-	4.5							-	-	-	-	4.5
RANGE OF DEPTHS (FM)		-	-	13-145							-	-	-	-	15-138

TABLE 62

AGE/LENGTH KEYS AND FREQUENCIES (HADDOCK) - 1962

(AVAILABLE ON REQUEST FROM THE SECRETARIAT)

IN ACCORDANCE WITH A RECOMMENDATION MADE BY THE RESEARCH AND STATISTICS COMMITTEE AT THEIR ANNUAL MEETING IN 1962, 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 HADDOCK ARE NOW ON FILE IN THE SECRETARIAT. (THE NUMERALS IN THE COLUMNS REPRESENT THE NUMBER OF SAMPLES HELD ON FILE FOR EACH DIVISION, MONTH AND COUNTRY.)

ALL GEARS --- BY DIVISIONS, MONTHS AND COUNTRIES

DIVISION	MONTH	CANADA/U.S.A.	U. S. S. R.	U. S. A.	TOTAL
3N	AUGUST	-	1	-	1
3D	FEBRUARY	-	1	-	1
	AUGUST	-	1	-	1
4X	JANUARY-MARCH	2	-	-	2
	APRIL-JUNE	2	-	-	2
	JULY-SEPTEMBER	2	-	-	2
	OCTOBER-DECEMBER	2	-	-	2
5Z	JANUARY-MARCH	-	-	1	1
	APRIL-JUNE	-	-	1	1
	JULY-SEPTEMBER	-	-	1	1
	OCTOBER-DECEMBER	-	-	1	1
TOTAL		8	3	4	15

TABLE 63 LENGTH FREQUENCIES - REDFISH¹⁾ - IC - 1962

(FREQUENCIES IN ‰ - 1 CM GROUPS)

GEAR	OTTER TRAWL (NK)		
CATCHES/LANDINGS	NK		
MONTH	MAY		
COUNTRY	U. S. S. R.		
SPECIES OR TYPE	"MARINUS"		
SEX	♂	♀	TOT.
TONNAGE	00	1800	
< 22	5	-	5
22	2	1	3
23	1	1	2
26	1	-	1
27	3	1	4
28	3	2	5
29	2	3	5
30	5	7	12
31	7	6	13
32	8	8	16
33	10	8	18
34	8	8	16
35	14	11	25
36	15	12	27
37	17	16	33
38	18	14	32
39	22	18	40
40	49	38	87
41	36	26	62
42	38	35	73
43	34	24	58
44	24	23	47
45	25	25	50
46	27	27	54
47	19	21	40
48	19	17	36
49	13	10	23
50	19	16	35
51	14	12	26
52	6	17	23
53	5	5	10
54	6	5	11
55	6	5	11
56	5	6	11
57	6	5	11
58	9	5	14
59	4	5	9
60	9	8	17
61	4	3	7
62	3	3	6
63	4	1	5
64	3	1	4
65	3	2	5
66	1	1	2
67	1	1	2
68	1	1	2
70	-	1	1
TOTAL ‰	534	465	999
SERIAL NUMBERS	-	-	-
NUMBER OF SAMPLES	-	-	35
NUMBER OF FISH MEASURED	3527	3073	6600
MEAN LENGTH (CM)	44.6	44.1	43.9
MEAN WEIGHT (KG)	-	-	-
TOTAL WEIGHT LANDED (TONS)	-	-	-
ESTIMATED NUMBER LANDED	-	-	-
MESH SIZE	-	-	-
RANGE OF DEPTHS (FM)	-	-	87-225

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 64

LENGTH FREQUENCIES - REDFISH¹⁾ - ID - 1962

(FREQUENCIES IN 0/00 - 1 CM GROUPS)

GEAR	OTTER TRAWL (NK)					
CATCHES/LANDINGS	NK					
MONTH	APRIL			MAY		
COUNTRY	U. S. S. R.					
SPECIES OR TYPE	"MARINUS"					
SEX	♂	♀	TOT.	♂	♀	TOT.
TONNAGE	1800					
30	-	-	-	16	5	21
30	-	-	-	18	10	28
31	1	1	2	21	11	32
32	2	-	2	18	7	25
33	-	1	1	20	11	31
34	3	2	5	18	8	26
35	1	1	2	25	15	40
36	1	-	1	22	11	33
37	2	1	3	20	9	29
38	2	2	4	15	7	22
39	2	2	4	18	10	28
40	11	9	20	29	21	50
41	5	8	13	29	16	45
42	7	6	13	16	18	34
43	9	3	12	22	16	38
44	5	9	14	13	15	28
45	11	11	22	23	26	49
46	7	6	13	20	15	35
47	5	11	16	15	32	47
48	3	7	10	10	17	27
49	2	2	4	7	19	26
50	12	10	22	7	19	26
51	7	4	11	8	11	19
52	14	10	24	6	12	18
53	15	11	26	5	6	11
54	11	19	30	6	5	11
55	27	33	60	8	5	13
56	29	27	56	13	8	21
57	51	49	100	11	9	20
58	40	31	71	6	10	16
59	30	37	67	7	10	17
60	47	62	109	13	8	21
61	18	20	38	11	2	13
62	23	30	53	14	15	29
63	17	13	30	9	5	14
64	13	23	36	5	3	8
65	21	25	46	8	7	15
66	9	8	17	5	4	9
67	6	6	12	4	1	5
68	2	6	8	3	1	4
69	2	7	9	1	-	1
70	1	4	5	2	-	2
71	-	2	2	-	1	1
72	-	1	1	1	-	1
74	-	2	2	-	-	-
75	-	1	1	-	-	-
76	-	-	-	-	1	1
77	-	1	1	-	-	-
78	1	1	2	-	-	-
TOTAL 0/00	475	525	1000	548	442	990
NUMBER OF SAMPLES	-	-	8	-	-	22
NUMBER OF FISH MEASURED	469	517	986	782	644	1426
MEAN LENGTH (CM)	55.7	56.8	56.5	44.2	46.6	45.2
MESH SIZE (MM)	-	-	110	-	-	110
RANGE OF DEPTHS (FM)	-	-	145-330	-	-	35-217

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 64
(CONT'D)LENGTH FREQUENCIES - REDFISH¹⁾ - 10² 1962

(FREQUENCIES IN ‰ - 1 CM GROUPS)

GEAR	SHRIMP TRAWL (RESEARCH)														
CATCHES/LANDINGS	CATCHES														
MONTH	JANUARY			FEBRUARY			MARCH			APRIL			JULY		
COUNTRY	DENMARK (GREENLAND)														
SPECIES OR TYPE															
SEX	♂	♀	TOT.	♂	♀	TOT.	♂	♀	TOT.	♂	♀	TOT.	♂	♀	TOT.
TONNAGE	"ADOLF JENSEN"														
5	-	-	-	-	-	-	-	-	-	-	-	8	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-
8	-	-	3	-	-	1	-	-	1	-	-	1	-	-	-
9	-	-	9	-	-	7	-	-	9	-	-	9	-	-	-
10	-	-	16	-	-	20	-	-	22	-	-	28	-	-	77
11	-	-	5	-	-	7	-	-	8	-	-	19	-	-	118
12	-	-	10	-	-	11	-	-	17	-	-	9	-	-	39
13	-	-	16	-	-	22	-	-	17	-	-	23	-	-	-
14	-	-	49	-	-	35	-	-	34	-	-	47	-	-	20
15	-	-	84	-	-	67	-	-	56	-	-	103	-	-	39
16	-	-	88	-	-	77	-	-	80	-	-	118	-	-	118
17	-	-	36	-	-	38	-	-	30	-	-	54	-	-	59
18	-	-	40	-	-	37	-	-	39	-	-	34	-	-	20
19	-	-	70	-	-	45	-	-	54	-	-	43	-	-	20
20	-	-	112	-	-	59	-	-	67	-	-	82	-	-	-
21	-	-	97	-	-	67	-	-	92	-	-	86	-	-	39
22	-	-	75	-	-	46	-	-	63	-	-	57	-	-	59
23	-	-	68	-	-	40	-	-	50	-	-	68	-	-	39
24	-	-	47	-	-	36	-	-	50	-	-	54	-	-	39
25	-	-	29	-	-	22	-	-	35	-	-	40	-	-	20
26	-	-	19	-	-	12	-	-	29	-	-	29	-	-	39
27	-	-	21	-	-	10	-	-	24	-	-	16	-	-	20
28	-	-	15	-	-	10	-	-	20	-	-	17	-	-	-
29	-	-	18	-	-	11	-	-	15	-	-	9	-	-	-
30	-	-	11	-	-	14	-	-	15	-	-	13	-	-	39
31	-	-	3	-	-	21	-	-	15	-	-	6	-	-	-
32	-	-	4	-	-	16	-	-	17	-	-	3	-	-	20
33	-	-	6	-	-	20	-	-	6	-	-	4	-	-	-
34	-	-	5	-	-	25	-	-	19	-	-	3	-	-	20
35	-	-	3	-	-	17	-	-	13	-	-	2	-	-	-
36	-	-	1	-	-	23	-	-	19	-	-	2	-	-	-
37	-	-	9	-	-	29	-	-	8	-	-	1	-	-	20
38	-	-	3	-	-	30	-	-	18	-	-	-	-	-	-
39	-	-	5	-	-	27	-	-	11	-	-	1	-	-	20
40	-	-	5	-	-	34	-	-	13	-	-	2	-	-	39
>40	-	-	18	-	-	64	-	-	33	-	-	3	-	-	77
TOTAL ‰	-	-	1000	-	-	1000	-	-	999	-	-	1000	-	-	1000
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	1	-	-	1	-	-	1	-	-	2	-	-	1
NUMBER OF FISH MEASURED	-	-	795	-	-	2119	-	-	1438	-	-	1158	-	-	51
MEAN LENGTH (CM)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN WEIGHT (KG)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MESH SIZE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RANGE OF DEPTHS (FM)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

2) GODTHÅB FJORD 64° 25' N - 50° 19' W

TABLE 64
(CONT'D)LENGTH FREQUENCIES - REDFISH¹⁾ - 1D2) - 1962

(FREQUENCIES IN 0/00 - 1 CM GROUPS)

GEAR	SHRIMP TRAWL (RESEARCH)											
CATCHES/LANDINGS	CATCHES											
MONTH	SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER		
COUNTRY	DENMARK (GREENLAND)											
SPECIES OR TYPE												
SEX	♂	♀	TOT.	♂	♀	TOT.	♂	♀	TOT.	♂	♀	TOT.
TONNAGE	ADOLF JENSEN ²⁾											
6	-	-	-	-	-	2	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	1	-	-	7
8	-	-	2	-	-	11	-	-	8	-	-	12
9	-	-	-	-	-	5	-	-	8	-	-	22
10	-	-	13	-	-	2	-	-	5	-	-	5
11	-	-	4	-	-	14	-	-	14	-	-	18
12	-	-	7	-	-	19	-	-	24	-	-	43
13	-	-	13	-	-	19	-	-	20	-	-	18
14	-	-	26	-	-	19	-	-	18	-	-	24
15	-	-	39	-	-	36	-	-	36	-	-	53
16	-	-	68	-	-	66	-	-	74	-	-	84
17	-	-	83	-	-	94	-	-	83	-	-	152
18	-	-	55	-	-	82	-	-	78	-	-	114
19	-	-	86	-	-	52	-	-	64	-	-	59
20	-	-	146	-	-	59	-	-	61	-	-	49
21	-	-	110	-	-	102	-	-	85	-	-	62
22	-	-	92	-	-	105	-	-	94	-	-	56
23	-	-	70	-	-	78	-	-	74	-	-	64
24	-	-	37	-	-	62	-	-	59	-	-	51
25	-	-	31	-	-	70	-	-	44	-	-	24
26	-	-	29	-	-	35	-	-	45	-	-	20
27	-	-	24	-	-	24	-	-	21	-	-	9
28	-	-	7	-	-	8	-	-	17	-	-	11
29	-	-	4	-	-	11	-	-	8	-	-	5
30	-	-	11	-	-	11	-	-	13	-	-	5
31	-	-	9	-	-	2	-	-	7	-	-	2
32	-	-	4	-	-	3	-	-	2	-	-	2
33	-	-	4	-	-	3	-	-	8	-	-	2
34	-	-	4	-	-	-	-	-	7	-	-	2
35	-	-	2	-	-	2	-	-	3	-	-	4
36	-	-	7	-	-	-	-	-	5	-	-	2
37	-	-	2	-	-	-	-	-	5	-	-	2
38	-	-	-	-	-	-	-	-	1	-	-	7
39	-	-	2	-	-	-	-	-	-	-	-	2
40	-	-	7	-	-	2	-	-	-	-	-	-
40	-	-	2	-	-	2	-	-	8	-	-	7
TOTAL 0/00	-	-	1000	-	-	1000	-	-	1000	-	-	1000
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	1	-	-	1	-	-	1	-	-	1
NUMBER OF FISH MEASURED	-	-	456	-	-	632	-	-	868	-	-	550
MEAN LENGTH (CM)	-	-	-	-	-	-	-	-	-	-	-	-
MEAN WEIGHT (KG)	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-	-	-	-
MESH SIZE	-	-	-	-	-	-	-	-	-	-	-	-
RANGE OF DEPTHS (FM)	-	-	-	-	-	-	-	-	-	-	-	-

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

2) GODTHÅB FJORD 64° 25' N - 50° 19' W

TABLE 65

LENGTH FREQUENCIES - REDFISH¹⁾ - IE - 1962(FREQUENCIES IN ⁰/100 - 1 CM GROUPS)

GEAR	OTTER TRAWL (NK)		
CATCHES/LANDINGS	NK		
MONTH	APRIL		
COUNTRY	U. S. S. R.		
SPECIES OR TYPE	"MARINUS"		
SEX	00	00	TOT.
TONNAGE	100	1000	
30	1	-	1
31	3	4	7
32	7	5	12
33	2	3	5
34	4	4	8
35	15	9	24
36	12	10	22
37	25	23	48
38	8	15	23
39	25	21	46
40	79	59	138
41	61	49	110
42	40	46	86
43	30	32	62
44	29	26	49
45	42	31	73
46	32	29	61
47	29	34	57
48	11	10	21
49	6	7	13
50	14	25	39
51	6	13	19
52	2	5	7
53	-	3	3
54	-	3	3
55	5	2	7
56	4	-	4
57	4	2	6
58	3	-	3
59	-	-	-
60	8	5	13
61	3	-	3
62	5	1	6
63	2	3	5
64	1	-	1
65	2	5	7
66	2	-	2
67	-	1	1
68	-	-	-
69	-	-	-
70	4	1	5
TOTAL ⁰ /100	514	486	1000
SERIAL NUMBERS	-	-	-
NUMBER OF SAMPLES	-	-	6
NUMBER OF FISH MEASURED	671	634	1305
MEAN LENGTH (CM)	43.7	43.4	43.4
MEAN WEIGHT (KG)	-	-	-
TOTAL WEIGHT LANDED (TONS)	-	-	-
ESTIMATED NUMBER LANDED	-	-	-
MESH SIZE (MM)	-	-	110
RANGE OF DEPTHS (FM)	-	-	165-325

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 66

LENGTH FREQUENCIES - REDFISH¹⁾ - 2H - 1962

(FREQUENCIES IN 0/00 - 1 CM GROUPS)

GEAR	OTTER TRAWL (NK)											
	NK											
CATCHES/LANDINGS												
MONTH	MAY			JULY			SEPTEMBER			OCTOBER		
COUNTRY	U. S. S. R.											
SPECIES OR TYPE	"MARINUS"											
SEX	♂♂	♀♀	TOT.	♂♂	♀♀	TOT.	♂♂	♀♀	TOT.	♂♂	♀♀	TOT.
TONNAGE	1800											
19	-	-	-	1	-	1	-	-	-	-	-	-
20	-	-	-	-	1	1	-	-	-	-	-	-
21	-	-	-	2	-	2	-	-	-	-	-	-
22	-	-	-	1	-	1	1	-	1	-	-	-
23	-	-	-	3	1	4	1	1	2	-	-	-
24	3	-	3	2	1	3	2	2	4	-	-	-
25	3	-	3	3	1	4	3	3	6	-	1	1
26	7	3	10	6	1	7	7	4	11	-	-	-
27	10	28	38	17	2	19	10	8	18	5	4	9
28	44	33	77	7	12	19	14	10	24	5	2	7
29	13	17	30	6	3	9	17	17	34	2	4	6
30	40	60	100	11	5	16	39	39	78	16	18	34
31	20	30	50	10	6	16	26	18	44	5	18	23
32	33	33	66	19	9	28	31	20	51	18	29	47
33	30	10	40	30	9	39	27	14	41	11	30	41
34	33	23	56	40	13	53	31	21	52	27	29	56
35	33	33	66	48	11	59	83	48	131	58	71	129
36	17	7	24	33	13	46	60	32	92	44	49	93
37	27	20	47	54	19	73	58	38	96	28	25	53
38	33	13	46	57	28	85	38	37	75	48	75	123
39	27	10	37	35	22	57	23	30	53	24	42	66
40	23	28	51	37	28	65	25	54	79	35	91	126
41	10	13	23	37	28	65	9	23	32	10	42	52
42	7	10	17	68	55	123	9	21	30	8	45	53
43	7	23	30	51	41	92	5	13	18	8	21	29
44	7	13	20	22	30	52	4	6	10	4	9	13
45	30	20	50	14	22	36	4	9	13	3	16	19
46	3	13	16	5	12	17	-	1	1	2	7	9
47	7	23	30	2	4	6	-	1	1	2	4	6
48	-	30	30	-	1	1	1	1	2	-	2	2
49	-	20	20	-	-	-	-	1	1	-	-	-
50	-	10	10	-	-	-	-	-	-	-	1	1
51	-	3	3	-	-	-	-	-	-	-	1	1
52	-	7	7	-	-	-	-	-	-	-	1	1
TOTAL 0/00	467	533	1000	621	378	999	528	472	1000	369	637	1000
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	1	-	-	2	-	-	25	-	-	3
NUMBER OF FISH MEASURED	140	160	300	859	522	1381	3407	3043	6450	876	1539	2415
MEAN LENGTH (CM)	34.94	37.21	36.16	37.39	39.35	38.12	34.74	36.98	35.30	36.40	37.67	37.22
MEAN WEIGHT (KG)	0.68	0.92	0.81	1.01	1.12	1.07	0.93	1.04	0.99	-	-	-
TOT. WT. LANDED (TONS)	-	-	-	-	-	-	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-	-	-	-
MESH SIZE	-	-	-	-	-	-	-	-	-	-	-	-
RANGE OF DEPTHS (FM)	-	-205-235	-	-	-145-285	-	-	-115-250	-	-	-150-160	-

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 67

LENGTH FREQUENCIES - REDFISH¹⁾ - 2J - 1962

(FREQUENCIES IN 0/00 - 1 CM GROUPS)

GEAR	OTTER TRAWL											
	(COMMERCIAL)			(NK)								
CATCHES/LANDINGS	CATCHES ²⁾			NK								
MONTH	MARCH			JANUARY			APRIL			MAY		
COUNTRY	UNITED KINGDOM			U. S. S. R.								
SPECIES OR TYPE				"MARINUS"								
SEX	00'	00'	TOT.	00'	00'	TOT.	00'	00'	TOT.	00'	00'	TOT.
TONNAGE	OVER 1800			1800								
22	-	-	-	2	-	2	-	-	-	-	-	-
23	-	-	-	1	2	3	-	-	-	-	-	-
24	-	-	-	4	1	5	-	-	-	-	-	-
25	-	-	-	5	4	9	4	-	4	-	-	-
26	-	-	-	15	13	28	4	4	8	-	8	8
27	-	-	-	9	8	17	8	8	16	4	-	4
28	-	-	-	44	17	61	8	24	32	4	-	4
29	-	-	-	34	11	45	4	4	8	4	4	8
30	-	-	-	52	18	70	16	52	68	8	20	28
31	-	-	20	43	14	57	-	4	4	-	8	8
32	-	-	13	34	15	49	16	24	40	12	45	57
33	-	-	60	32	8	40	24	12	36	8	12	20
34	-	-	154	63	12	75	8	32	40	4	37	41
35	-	-	141	66	8	74	57	52	109	33	90	123
36	-	-	87	53	13	66	85	24	109	16	45	61
37	-	-	101	62	7	69	53	36	89	33	69	102
38	-	-	94	69	15	84	89	60	149	29	62	91
39	-	-	54	31	7	38	8	12	20	33	20	53
40	-	-	54	15	22	37	8	32	40	25	49	74
41	-	-	27	1	8	9	8	16	24	4	20	24
42	-	-	54	-	12	12	8	48	56	-	53	53
43	-	-	54	4	26	30	4	60	64	4	45	49
44	-	-	27	-	25	25	-	4	4	-	16	16
45	-	-	20	1	18	19	4	32	36	8	78	86
46	-	-	13	-	17	17	4	16	20	4	12	16
47	-	-	-	-	19	19	-	16	16	-	53	53
48	-	-	7	-	26	26	-	8	8	-	-	-
49	-	-	7	-	5	5	-	-	-	-	12	12
50	-	-	-	-	6	6	-	-	-	-	4	4
51	-	-	-	-	1	1	-	-	-	-	-	-
52	-	-	-	-	-	-	-	-	-	-	4	4
53	-	-	7	-	2	2	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-	-	-
57	-	-	7	-	-	-	-	-	-	-	-	-
TOTAL 0/00	-	-	1001	640	360	1000	420	580	1000	233	766	999
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	1	-	-	1	-	-	1	-	-	2
NUMBER OF FISH MEASURED	-	-	149	540	305	845	104	145	249	57	188	245
MEAN LENGTH (CM)	-	-	-	33.62	38.50	35.35	35.81	37.63	36.87	36.83	39.05	38.53
MEAN WEIGHT (KG)	-	-	-	0.89	1.40	1.08	0.60	0.97	0.72	-	-	-
TOTAL WEIGHT LANDED (TONS)	-	-	14	-	-	-	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	1140	-	-	-	-	-	-	-	-	-
MESH SIZE	-	-	-	-	-	-	-	-	-	-	-	-
RANGE OF DEPTHS (FM)	-	-	-	-	-	-153-162	-	-	-220-263	-	-	-220-283

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

2) AFTER DISCARD

TABLE 67
(CONT'D)LENGTH FREQUENCIES - REDFISH¹⁾ - 2J - 1962

(FREQUENCIES IN %/00 - 1 CM GROUPS)

GEAR	OTTER TRAWL (NK)								
	JULY			OCTOBER			NOVEMBER		
CATCHES/LANDINGS	NK								
MONTH	JULY			OCTOBER			NOVEMBER		
COUNTRY	U. S. S. R.								
SPECIES OR TYPE	"MARINUS"								
SEX	00	00	TOT.	00	00	TOT.	00	00	TOT.
TONNAGE	1800								
22	-	1	1	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-
24	2	1	3	-	-	-	-	-	-
25	2	1	3	-	-	-	-	1	1
26	3	2	5	1	-	1	1	1	2
27	10	4	14	1	1	2	6	7	13
28	27	24	51	3	4	7	6	7	13
29	32	21	53	4	6	10	7	9	16
30	43	44	87	18	21	39	24	37	61
31	47	41	88	25	30	55	26	32	58
32	72	48	120	30	41	71	54	80	134
33	76	33	109	34	36	70	37	49	86
34	86	34	120	33	34	67	49	55	104
35	39	19	58	71	76	147	86	98	184
36	27	14	41	55	54	109	46	46	92
37	33	17	50	43	46	89	37	36	73
38	24	27	51	37	54	91	23	49	72
39	6	9	15	22	34	56	10	20	30
40	5	8	13	19	62	81	6	27	33
41	1	15	16	8	26	34	2	10	12
42	2	27	29	6	22	28	-	6	6
43	-	26	26	3	12	15	1	4	5
44	-	16	16	2	9	11	-	1	1
45	-	10	10	2	7	9	-	3	3
46	-	5	5	1	3	4	-	1	1
47	1	6	7	-	2	2	-	-	-
48	-	5	5	-	1	1	-	-	-
49	-	2	2	-	1	1	-	-	-
50	-	1	1	-	-	-	-	-	-
51	-	-	-	-	-	-	-	-	-
52	-	1	1	-	-	-	-	-	-
TOTAL %/00	538	462	1000	418	582	1000	421	579	1000
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	5	-	-	40	-	-	19
NUMBER OF FISH MEASURED	1040	894	1934	9336	13032	22368	5525	7608	13133
MEAN LENGTH (CM)	32.85	35.39	34.04	35.37	36.49	36.01	34.11	34.62	34.39
MEAN WEIGHT (KG)	0.61	1.09	0.83	0.62	0.64	0.63	-	-	-
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-
MESH SIZE	-	-	-	-	-	-	-	-	-
RANGE OF DEPTHS (FM)	-	-	100-200	-	-	125-300	-	-	155-196

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 68

LENGTH FREQUENCIES - REDFISH¹⁾ - 3K - 1962

(FREQUENCIES IN ‰ - 1 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)								
	CATCHES/LANDINGS			CATCHES			CATCHES		
MONTH	MARCH			APRIL			MAY		
COUNTRY	U. S. S. R.								
SPECIES OR TYPE				"MARINUS" AND "MENTELLA"					
SEX	♂	♀	TOT.	♂	♀	TOT.	♂	♀	TOT.
TONNAGE	NK								
26	-	-	-	-	-	-	3	-	3
27	-	-	-	-	1	1	-	-	-
28	-	11	11	-	5	5	-	-	-
29	13	13	26	2	9	11	2	-	2
30	8	13	21	4	12	16	2	19	21
31	13	24	37	11	25	36	-	3	3
32	13	24	37	6	43	49	3	17	20
33	16	32	48	14	42	56	-	26	26
34	13	29	42	13	81	94	3	45	48
35	8	40	48	20	120	140	12	113	125
36	8	77	85	20	100	120	5	78	83
37	11	96	107	24	58	82	22	34	56
38	5	51	56	22	36	58	12	53	65
39	8	29	37	24	15	39	24	10	34
40	19	5	24	52	3	55	40	23	63
41	29	13	42	40	-	40	35	-	35
42	56	3	59	60	-	60	83	-	83
43	53	-	53	65	-	65	60	-	60
44	67	-	67	29	-	29	93	-	93
45	67	-	67	25	-	25	64	-	64
46	37	-	37	11	-	11	42	-	42
47	56	-	56	3	-	3	27	-	27
48	26	-	26	4	-	4	22	-	22
49	8	-	8	-	-	-	3	-	3
50	3	-	3	-	-	-	12	-	12
51	3	-	3	1	-	1	5	-	5
52	-	-	-	-	-	-	-	-	-
53	-	-	-	-	-	-	5	-	5
TOTAL ‰	540	460	1000	450	550	1000	579	421	1000
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	6	-	-	6	-	-	3
NUMBER OF FISH MEASURED	203	173	376	802	727	1529	232	154	386
MEAN LENGTH (CM)	42.0	35.4	39.3	40.1	34.7	37.1	42.8	35.5	39.7
MEAN WEIGHT (KG)	1.2	0.6	0.9	0.9	0.5	0.7	1.2	0.6	0.9
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-
MESH SIZE (MM)	-	-	110-120	-	-	-	-	-	110-120
RANGE OF DEPTHS (FM)	-	-	166-222	-	-	166-222	-	-	173-220

- 1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 68
(CONT'D)LENGTH FREQUENCIES - REDFISH¹⁾ - 3K - 1962

(FREQUENCIES IN 0/00 - 1 CM GROUPS)

GEAR	OTTER TRAWL (NK)								
	NK								
CATCHES/LANDINGS	JANUARY			FEBRUARY			APRIL		
MONTH	U. S. S. R.								
COUNTRY	"MARINUS" AND "MENTELLA"								
SPECIES OR TYPE	00	00	TOT.	00	00	TOT.	00	00	TOT.
SEX	1800								
TONNAGE	1800								
26	-	1	1	1	1	2	-	-	-
27	3	3	6	4	7	11	7	4	11
28	1	5	6	2	3	5	6	1	7
29	4	5	9	3	6	9	6	2	8
30	17	24	41	13	17	30	26	10	36
31	17	22	39	3	3	6	14	9	23
32	31	34	65	23	14	37	32	19	51
33	20	26	46	19	6	25	32	9	41
34	44	46	90	40	13	53	47	20	67
35	89	81	170	103	22	125	63	22	85
36	51	47	98	70	13	83	77	23	100
37	30	28	58	62	11	73	80	29	109
38	23	35	58	67	22	89	40	17	57
39	13	25	38	24	12	36	29	22	51
40	16	56	72	22	30	52	19	29	48
41	4	27	31	7	31	38	9	36	45
42	3	40	43	4	57	61	15	40	55
43	2	47	49	3	84	87	3	42	45
44	1	25	26	1	24	25	5	29	34
45	1	25	26	3	77	80	6	36	42
46	-	11	11	-	22	22	6	32	38
47	-	10	10	1	26	27	3	12	15
48	-	3	3	-	13	13	3	8	11
49	-	1	1	-	5	5	1	6	7
50	-	2	2	-	4	4	3	3	6
51	-	-	-	-	-	-	1	1	2
52	-	1	1	-	1	1	3	-	3
53	-	-	-	-	1	1	3	-	3
TOTAL 0/00	370	630	1000	475	525	1000	539	461	1000
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	5	-	-	9	-	-	3
NUMBER OF FISH MEASURED	1316	2299	3555	3680	4084	7764	1083	928	2011
MEAN LENGTH (CM)	35.02	37.72	36.74	35.95	40.99	38.55	36.21	40.06	37.98
MEAN WEIGHT (KG)	1.02	1.30	1.14	0.77	1.23	1.07	0.65	1.14	0.88
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-
MESH SIZE	-	-	-	-	-	-	-	-	-
RANGE OF DEPTHS (FM)	-	-	103-205	-	-	150-203	-	-	160-230

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 68
(CONT'D)LENGTH FREQUENCIES - REDFISH¹⁾ - 3K - 1962

(FREQUENCIES IN 0/00 - 1 CM GROUPS)

GEAR	OTTER TRAWL (NK)								
	JULY			OCTOBER			NOVEMBER		
CATCHES/LANDINGS	NK								
MONTH	U. S. S. R.			U. S. S. R.			U. S. S. R.		
COUNTRY	"MARINUS" AND "MENTELLA"								
SPECIES OR TYPE	"MARINUS"			"MENTELLA"			"MARINUS"		
SEX	♂	♀	TOT.	♂	♀	TOT.	♂	♀	TOT.
TONNAGE	1800								
19	-	1	1	-	-	-	-	-	-
20	-	1	1	-	-	-	-	-	-
21	-	2	2	-	-	-	-	-	-
22	-	3	3	1	-	1	-	-	-
23	5	6	11	-	1	1	-	-	-
24	1	6	7	3	-	3	1	-	1
25	9	10	19	1	1	2	1	1	2
26	6	14	20	-	1	1	2	3	5
27	16	17	33	3	3	6	3	4	7
28	21	46	67	6	10	16	6	6	12
29	19	17	30	4	16	20	5	7	12
30	11	33	44	8	16	24	16	28	44
31	18	36	54	15	25	40	25	42	67
32	36	50	86	19	36	55	28	42	70
33	37	29	66	25	33	58	26	38	64
34	30	34	64	27	30	57	25	33	58
35	24	28	52	43	37	80	36	50	86
36	22	15	37	49	34	83	32	36	68
37	22	31	53	62	29	91	27	36	63
38	19	55	74	43	52	95	25	47	72
39	14	20	34	26	22	48	17	36	53
40	3	39	42	24	33	57	14	67	81
41	1	44	45	16	38	54	11	56	67
42	-	57	57	9	33	42	5	50	55
43	-	43	43	6	36	42	3	39	42
44	-	16	16	4	25	29	1	19	20
45	-	15	15	3	33	36	1	27	28
46	-	8	8	1	26	27	1	10	11
47	-	8	8	-	15	15	-	7	7
48	-	7	7	-	10	10	-	3	3
49	-	-	-	-	4	4	-	1	1
50	-	1	1	-	2	2	-	1	1
51	-	-	-	-	1	1	-	-	-
TOTAL 0/00	308	692	1000	398	602	1000	311	689	1000
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	6	-	-	13	-	-	28
NUMBER OF FISH MEASURED	344	775	1119	775	1168	1943	3717	8246	11963
MEAN LENGTH (CM)	32.70	35.77	34.81	36.08	38.15	37.38	34.93	37.52	36.75
MEAN WEIGHT (KG)	0.53	1.08	0.98	-	-	-	0.75	1.07	0.95
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-
MESH SIZE	-	-	-	-	-	-	-	-	-
RANGE OF DEPTHS (FM)	-	-	125-190	-	-	186-260	-	-	189-305

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 69

LENGTH FREQUENCIES - REDFISH¹⁾ - 3L - 1962

(FREQUENCIES IN ‰ - 1 CM GROUPS)

GEAR	OTTER TRAWL								
	(COMMERCIAL)			(RESEARCH)					
CATCHES/LANDINGS	LANDINGS BEFORE DISCARD			CATCHES					
MONTH	SEPTEMBER			APRIL			MAY		
COUNTRY	CANADA (NEWFOUNDLAND)			U. S. S. R.					
SPECIES OR TYPE	"MENTELLA"			"MARINUS" AND "MENTELLA"					
SEX	♂	♀	TOT.	♂	♀	TOT.	♂	♀	TOT.
TONNAGE	151-500			NK					
20	5	-	5	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-
22	23	14	37	-	-	-	-	-	-
23	27	23	50	-	-	-	-	-	-
24	105	41	146	-	-	-	-	-	-
25	91	68	159	-	-	-	-	-	-
26	45	82	127	-	-	-	-	-	-
27	50	45	95	1	2	3	-	2	2
28	50	59	109	-	5	5	-	-	-
29	9	32	41	2	12	14	3	7	10
30	18	27	45	8	15	23	-	8	8
31	18	27	45	11	27	38	3	9	12
32	9	41	50	9	40	49	2	15	17
33	-	23	23	14	55	69	2	37	39
34	-	14	14	16	98	114	2	75	77
35	-	5	5	21	114	135	8	141	149
36	5	9	14	14	110	124	8	143	151
37	-	-	-	24	86	110	4	128	132
38	-	14	14	21	50	71	7	100	107
39	-	-	-	26	14	40	15	51	66
40	-	5	5	36	10	46	29	25	54
41	-	18	18	33	3	36	16	8	24
42	-	-	-	22	1	23	27	3	30
43	-	-	-	30	1	31	38	2	40
44	-	-	-	22	-	22	20	3	23
45	-	-	-	20	-	20	18	-	18
46	-	-	-	14	-	14	19	-	19
47	-	-	-	3	-	3	9	-	9
48	-	-	-	4	-	4	4	-	4
49	-	-	-	3	-	3	5	-	5
50	-	-	-	2	-	2	2	-	2
51	-	-	-	1	-	1	2	-	2
TOTAL ‰/‰	455	547	1002	357	643	1000	243	757	1000
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	1	-	-	14	-	-	7
NUMBER OF FISH MEASURED	-	-	220	526	947	1473	177	552	729
MEAN LENGTH (CM)	-	-	27.33	39.6	34.9	36.5	41.8	36.1	37.4
MEAN WEIGHT (KG)	-	-	0.38	-	-	-	-	-	-
TOTAL WEIGHT LANDED (TONS)	-	-	70	-	-	3	-	-	5
ESTIMATED NUMBER LANDED	-	-	183530	-	-	-	-	-	-
MESH SIZE (MM)	2 7/8 INCHES - MANILLA			-	-	110-120	-	-	110-120
RANGE OF DEPTHS (FM)	-			-	-	170-220	-	-	170-220

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 69
(CONT'D)LENGTH FREQUENCIES - REDFISH¹⁾ - 3L - 1962(FREQUENCIES IN ⁰/₀₀ - 1 CM GROUPS)

GEAR	OTTER TRAWL (NK)								
CATCHES/LANDINGS	NK								
MONTH	JANUARY			MARCH			APRIL		
COUNTRY	U. S. S. R.								
SPECIES OR TYPE	"MARINUS" AND "MENTELLA"								
SEX	00	99	TOT.	00	99	TOT.	00	99	TOT.
TONNAGE	1100								
23	1	1	2	-	-	-	-	-	-
24	1	4	5	1	-	1	-	-	-
25	6	7	13	1	-	1	-	-	-
26	9	12	21	2	-	2	1	-	1
27	12	19	31	2	1	3	2	-	2
28	9	24	33	9	4	13	5	2	7
29	9	15	24	3	3	6	4	2	6
30	18	36	54	6	6	12	8	3	11
31	11	31	42	7	9	16	16	5	21
32	35	29	64	20	15	35	30	7	37
33	29	20	49	34	17	51	45	9	54
34	41	29	70	56	22	78	79	15	88
35	72	33	105	67	25	92	109	29	138
36	37	32	69	57	27	84	88	30	118
37	32	31	63	67	57	124	71	33	104
38	14	40	54	67	83	150	38	41	79
39	7	45	52	32	46	78	12	34	46
40	1	64	65	29	54	77	10	74	84
41	2	48	50	9	37	46	6	42	48
42	-	50	50	9	34	43	1	47	48
43	-	36	36	6	30	36	-	40	41
44	-	15	15	1	15	16	-	28	28
45	-	22	22	-	16	16	-	21	21
46	-	6	6	1	7	8	-	9	9
47	-	3	3	-	6	6	-	6	6
48	-	1	1	-	4	4	-	3	3
49	-	1	1	-	1	1	-	-	-
50	-	-	-	-	1	1	-	-	-
TOTAL ⁰ / ₀₀	346	654	1000	480	520	1000	520	480	1000
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	6	-	-	16	-	-	11
NUMBER OF FISH MEASURED	1107	2096	3203	2110	2292	4402	1889	1740	3629
MEAN LENGTH (CM)	33.48	36.54	35.49	35.92	38.55	37.28	35.10	39.55	37.24
MEAN WEIGHT (KG)	0.54	0.85	0.75	0.65	0.84	0.75	0.58	0.88	0.69
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-
MESH SIZE	-	-	-	-	-	-	-	-	-
RANGE OF DEPTHS (FM)	-	-	150-200	-	-	200-260	-	-	193-235

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 69
(CONT'D)LENGTH FREQUENCIES - REDFISH¹⁾ - 3L - 1962

(FREQUENCIES IN 0/00 - 1 CM GROUPS)

GEAR	OTTER TRAWL (NK)								
CATCHES/LANDINGS	NK								
MONTH	JULY			AUGUST			SEPTEMBER		
COUNTRY	U. S. S. R.								
SPECIES OR TYPE	"MARINUS" AND "MENTELLA"								
SEX	00	00	TOT.	00	00	TOT.	00	00	TOT.
TONNAGE	1100								
21	-	-	-	-	-	-	-	1	1
22	1	-	1	1	-	1	1	-	1
23	-	2	2	2	1	3	1	1	2
24	2	5	7	4	3	7	3	4	7
25	5	5	10	7	10	17	4	4	8
26	19	18	37	8	11	19	8	11	19
27	32	13	45	12	18	30	12	23	35
28	44	26	70	10	19	29	7	20	27
29	32	13	45	6	17	23	12	21	33
30	24	13	37	7	16	23	11	21	32
31	29	28	57	9	18	27	14	32	46
32	42	33	75	25	21	46	32	53	85
33	48	29	77	33	22	55	35	27	62
34	67	23	90	58	24	82	42	32	74
35	59	12	71	51	25	76	35	22	57
36	42	10	52	50	35	85	39	17	56
37	33	15	48	48	44	92	35	22	57
38	19	31	50	27	56	83	16	43	59
39	5	20	25	17	43	60	10	37	47
40	1	32	33	7	34	41	5	47	52
41	1	40	41	3	42	45	7	55	62
42	2	52	54	4	57	61	4	48	52
43	2	34	36	2	38	40	3	38	41
44	-	11	11	1	21	22	3	38	41
45	-	11	11	-	17	17	2	19	21
46	-	1	1	2	8	10	2	9	11
47	-	4	4	-	3	3	-	7	7
48	-	3	3	-	2	2	-	2	2
49	-	-	-	-	1	1	-	-	-
TOTAL 0/00	509	484	993	394	606	1000	343	654	997
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	3	-	-	13	-	-	3
NUMBER OF FISH MEASURED	504	483	987	1584	2438	4022	399	760	1159
MEAN LENGTH (CM)	32.42	36.12	35.21	34.31	36.98	35.94	34.06	36.71	35.81
MEAN WEIGHT (KG)	0.47	0.60	0.53	0.48	0.65	0.57	-	-	-
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-
MESH SIZE	-	-	-	-	-	-	-	-	-
RANGE OF DEPTHS (FM)	-	-	150-250	-	-	150-300	-	-	100-250

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 69
(CONT'D)LENGTH FREQUENCIES - REDFISH¹⁾ - 3L - 1962

(FREQUENCIES IN ‰ - 1 CM GROUPS)

GEAR	OTTER TRAWL (NK)								
	OCTOBER			NOVEMBER			DECEMBER		
CATCHES/LANDINGS	NK								
MONTH	OCTOBER			NOVEMBER			DECEMBER		
COUNTRY	U. S. S. R.								
SPECIES OR TYPE	"MARINUS" AND "MENTELLA"								
SEX	♂	♀	Tot.	♂	♀	Tot.	♂	♀	Tot.
TONNAGE	1100								
21	1	-	1	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-
23	3	-	3	-	-	-	-	-	-
24	1	1	2	-	-	-	-	-	-
25	1	1	2	-	-	-	-	-	-
26	1	1	2	-	3	3	-	-	-
27	4	1	5	5	5	10	-	-	-
28	3	3	6	3	3	6	-	-	-
29	6	3	9	3	5	8	-	-	-
30	12	3	15	-	3	3	-	3	3
31	19	3	22	2	2	4	-	-	-
32	15	6	21	5	5	10	10	13	23
33	12	8	20	11	2	13	3	3	6
34	32	8	40	39	9	48	23	3	26
35	58	14	72	47	28	75	42	13	55
36	67	13	80	56	31	87	23	20	43
37	43	22	65	31	31	62	46	23	69
38	72	24	96	30	56	86	16	46	62
39	39	28	67	28	59	87	6	20	26
40	31	40	71	20	114	134	10	42	52
41	4	61	65	12	85	97	-	78	78
42	3	76	79	9	75	84	-	98	98
43	1	59	60	2	37	39	-	124	124
44	-	47	47	-	56	56	-	59	59
45	1	72	73	-	42	42	-	146	146
46	4	41	45	-	11	11	-	55	55
47	1	12	13	-	9	9	-	36	36
48	1	6	7	-	17	17	-	26	26
49	-	10	10	-	5	5	-	3	3
50	-	1	1	2	2	4	-	10	10
51	-	1	1	-	-	-	-	-	-
TOTAL ‰	435	565	1000	305	695	1000	179	821	1000
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	7	-	-	2	-	-	1
NUMBER OF FISH MEASURED	398	440	778	194	447	641	55	252	307
MEAN LENGTH (CM)	35.92	41.44	39.05	36.35	40.31	39.16	36.00	42.47	41.30
MEAN WEIGHT (KG)	-	-	-	-	-	-	-	-	-
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-
MESH SIZE	-	-	-	-	-	-	-	-	-
RANGE OF DEPTHS (FM)	-	-	140-300	-	-	195-243	-	-	170-175

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 70

LENGTH FREQUENCIES - REDFISH¹⁾ - FM - 1962

(FREQUENCIES IN %/00 - 1 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)											
	CATCHES											
CATCHES/LANDINGS	CATCHES											
MONTH	JANUARY			MARCH			JUNE			JULY		
COUNTRY	U. S. S. R.											
SPECIES OR TYPE	"MARINUS" AND "MENTELLA"											
SEX	00	99	TOT.	00	99	TOT.	00	99	TOT.	00	99	TOT.
TONNAGE	NK											
16	-	-	-	-	-	-	-	2	2	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	2	2	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-
22	12	12	24	6	-	6	-	-	-	-	1	1
23	-	12	12	-	-	-	-	2	2	-	-	-
24	-	-	-	3	-	3	-	2	2	1	2	3
25	-	-	-	3	12	15	-	1	1	1	2	3
26	12	-	12	-	-	-	-	3	3	1	2	3
27	-	25	25	-	3	3	2	1	3	7	6	13
28	37	25	62	3	3	6	3	6	9	10	8	18
29	25	49	74	3	3	6	8	13	21	8	14	22
30	25	12	37	11	6	17	11	41	52	19	30	49
31	12	-	12	11	6	17	21	57	78	20	42	62
32	12	13	25	12	45	57	41	83	124	27	64	91
33	-	62	62	-	136	136	61	75	136	42	76	118
34	-	62	62	12	161	173	73	70	143	45	77	122
35	-	24	24	21	186	207	67	64	131	56	47	103
36	-	123	123	39	162	201	67	37	104	73	27	100
37	49	-	49	12	56	68	52	11	63	81	9	90
38	137	25	162	33	17	50	44	6	50	70	4	74
39	137	-	137	26	6	32	29	4	33	58	1	59
40	49	-	49	-	3	3	15	3	18	40	-	40
41	49	-	49	-	-	-	11	-	11	20	-	20
42	-	-	-	-	-	-	8	-	8	6	1	7
43	-	-	-	-	-	-	3	-	3	2	-	2
44	-	-	-	-	-	-	1	-	1	-	-	-
TOTAL %/00	556	444	1000	195	805	1000	517	483	1000	587	413	1000
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	1	-	-	3	-	-	7	-	-	3
NUMBER OF FISH MEASURED	45	36	81	57	236	293	1293	1219	2512	934	658	1592
MEAN LENGTH (CM)	36.4	32.7	34.6	34.6	34.5	34.5	35.2	32.8	33.9	35.8	32.8	34.6
MEAN WEIGHT (KG)	-	-	0.8	-	-	0.44	-	-	0.64	-	-	0.54
TOTAL WEIGHT LANDED (TONS)	-	-	4	-	-	890	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-	-	-	-
MESH SIZE (MM)	-	-110-120	-	-	-110-120	-	-	-110-120	-	-	-110-120	-
RANGE OF DEPTHS (FM)	-	-150-180	-	-	-170-210	-	-	-140-240	-	-	-140-240	-

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 70
(CONT'D)LENGTH FREQUENCIES - REDFISH¹⁾ - 3M - 1962

(FREQUENCIES IN 0/00 - 1 CM GROUPS)

GEAR	OTTER TRAWL (NK)								
CATCHES/LANDINGS	NK								
MONTH	MARCH			JUNE			AUGUST		
COUNTRY	U. S. S. R.								
SPECIES OR TYPE	"MARINUS" AND "MENTELLA"								
SEX	00	99	TOT.	00	99	TOT.	00	99	TOT.
TONNAGE	1800								
16	-	-	-	-	-	-	-	1	1
17	-	-	-	-	1	1	2	-	2
18	-	-	-	-	-	-	-	1	1
19	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-
21	-	-	-	-	1	1	-	-	-
22	12	6	18	-	1	1	-	1	1
23	13	7	20	-	2	2	1	1	2
24	12	8	20	1	2	3	1	1	2
25	11	7	18	4	4	8	2	-	2
26	15	9	24	4	5	9	2	2	4
27	17	9	26	6	5	11	3	3	6
28	17	10	27	14	9	23	8	5	13
29	13	11	24	7	12	19	11	4	15
30	31	11	42	14	10	24	23	7	30
31	33	12	45	16	10	26	45	13	58
32	56	18	74	45	23	68	91	24	115
33	57	24	81	43	17	60	108	44	152
34	49	34	83	81	34	115	102	57	159
35	60	59	119	100	57	157	68	63	131
36	47	67	114	61	55	116	36	53	89
37	34	57	91	46	66	112	32	52	84
38	22	45	67	32	65	97	18	39	57
39	10	28	38	9	41	50	7	25	32
40	6	21	27	8	48	56	3	16	19
41	4	15	19	3	19	22	1	11	12
42	1	10	11	2	12	14	1	7	8
43	-	4	4	-	5	5	-	3	3
44	-	4	4	-	-	-	-	1	1
45	-	2	2	-	-	-	-	1	1
46	-	1	1	-	-	-	-	-	-
TOTAL 0/00	520	479	999	496	504	1000	565	435	1000
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	22	-	-	2	-	-	20
NUMBER OF FISH MEASURED	3835	3529	7364	1253	1271	2524	4824	3710	8534
MEAN LENGTH (CM)	32.39	34.88	33.58	34.28	35.88	35.04	33.37	35.31	34.19
MEAN WEIGHT (KG)	-	-	-	0.63	0.75	0.68	0.51	0.64	0.58
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-
MESH SIZE	-	-	-	-	-	-	-	-	-
RANGE OF DEPTHS (FM)	-	-	100-250	-	-	140-300	-	-	100-300

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 70
(CONT'D)

LENGTH FREQUENCIES - REDFISH¹⁾ - 3M - 1962

(FREQUENCIES IN 0/00 - 1 CM GROUPS)

GEAR	OTTER TRAWL (NK)								
	SEPTEMBER			OCTOBER			DECEMBER		
CATCHES/LANDINGS	NK								
MONTH	U. S. S. R.								
COUNTRY	"MARINUS" AND "MENTELLA"								
SPECIES OR TYPE									
SEX	00	00	TOT.	00	00	TOT.	00	00	TOT.
TONNAGE	1800								
18	-	1	1	-	-	-	-	-	-
19	1	1	2	-	-	-	-	-	-
20	1	1	2	-	1	1	-	-	-
21	1	3	4	-	-	-	-	-	-
22	-	7	7	2	1	3	-	-	-
23	7	8	15	1	-	1	-	-	-
24	6	11	17	2	1	3	-	1	1
25	8	13	21	4	2	6	-	1	1
26	6	23	29	6	3	9	1	-	1
27	12	19	31	6	3	9	3	7	10
28	23	32	55	10	9	19	1	-	1
29	16	36	52	17	7	24	3	2	5
30	14	35	49	40	15	55	6	9	15
31	28	41	69	70	29	99	4	2	6
32	44	49	93	89	42	131	31	24	55
33	104	41	145	74	61	135	52	14	66
34	59	45	104	63	70	133	144	41	185
35	49	63	112	55	64	119	187	64	251
36	25	45	70	33	44	77	92	46	138
37	10	54	64	21	36	57	81	30	111
38	9	31	40	14	32	46	30	37	67
39	5	10	15	9	24	33	12	19	31
40	1	1	2	6	15	21	6	31	37
41	-	-	-	1	9	10	1	6	7
42	-	1	1	-	5	5	1	5	6
43	-	-	-	-	2	2	1	2	3
44	-	-	-	-	1	1	-	1	1
45	-	-	-	-	1	1	-	1	1
46	-	-	-	-	-	-	-	-	-
47	-	-	-	-	-	-	-	-	-
TOTAL 0/00	429	571	1000	523	477	1000	656	344	1000
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	5	-	-	15	-	-	3
NUMBER OF FISH MEASURED	446	595	1041	5442	4980	10422	1040	543	1583
MEAN LENGTH (CM)	32.29	32.12	31.76	32.81	34.54	33.62	35.00	35.77	35.26
MEAN WEIGHT (KG)	-	-	-	-	-	-	-	-	-
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-
MESH SIZE	-	-	-	-	-	-	-	-	-
RANGE OF DEPTHS (FM)	-	-	127-225	-	-	95-300	-	-	160-195

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 71

LENGTH FREQUENCIES - REDFISH¹⁾ - 3N - 1962

(FREQUENCIES IN 0/00 - 1 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)											
CATCHES/LANDINGS	LANDINGS											
MONTH	JANUARY			FEBRUARY			MARCH			JUNE		
COUNTRY	UNITED STATES											
SPECIES OR TYPES												
SEX	♂	♀	TOT.	♂	♀	TOT.	♂	♀	TOT.	♂	♀	TOT.
TONNAGE	151-377											
16	2	-	2	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-
20	10	2	12	-	-	-	-	-	-	-	-	-
21	-	-	-	-	10	10	3	-	3	17	-	17
22	15	8	23	33	13	46	20	-	20	33	7	40
23	42	18	60	80	27	107	83	17	100	63	17	80
24	82	45	127	77	37	114	67	43	110	80	53	133
25	88	85	173	120	47	167	83	80	163	83	60	143
26	105	68	173	137	53	190	123	73	196	107	53	160
27	50	28	78	90	47	137	80	37	117	47	40	87
28	32	42	74	40	37	77	40	68	108	30	43	73
29	28	40	68	23	13	36	20	37	57	13	30	43
30	12	48	60	10	37	47	23	27	50	10	50	60
31	2	25	27	7	20	27	13	23	36	7	30	37
32	12	20	32	-	13	13	3	20	23	7	33	40
33	5	20	25	-	13	13	-	7	7	3	30	33
34	8	25	33	-	13	13	-	3	3	7	17	24
35	2	12	14	-	-	-	-	-	-	-	20	20
36	-	2	2	-	-	-	-	7	7	-	3	3
37	-	8	8	-	-	-	-	-	-	-	-	-
38	-	2	2	-	-	-	-	-	-	-	3	3
39	-	5	5	-	-	-	-	-	-	-	3	3
TOTAL 0/00	495	503	998	617	380	997	558	442	1000	507	492	999
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	4	-	-	3	-	-	3	-	-	3
NUMBER OF FISH MEASURED	199	201	400	186	114	300	168	132	300	152	148	300
MEAN LENGTH (CM)	25.85	28.07	26.97	25.46	26.99	26.04	25.70	27.25	26.39	25.39	28.34	26.84
MEAN WEIGHT (KG)	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL WEIGHT LANDED (TONS)	-	-	804	-	-	789	-	-	673	-	-	695
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-	-	-	-
MESH SIZE (INCHES)	-	-	2.5	-	-	2.5	-	-	2.5	-	-	2.5
RANGE OF DEPTHS (FM)	-	-101-250	-	-	-101-200	-	-	-101-200	-	-	-101-200	-

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 71
(CONT'D)LENGTH FREQUENCIES - REDFISH¹⁾ - 3N - 1962

(FREQUENCIES IN %/00 - 1 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)											
CATCHES/LANDINGS	LANDINGS											
MONTH	JULY			AUGUST			SEPTEMBER			OCTOBER		
COUNTRY	UNITED STATES											
SPECIES OR TYPES												
SEX	♂	♀	TOT.	♂	♀	TOT.	♂	♀	TOT.	♂	♀	TOT.
TONNAGE	151-377											
21	3	3	6	-	-	-	-	-	-	18	2	20
22	27	13	40	-	-	-	10	20	30	23	10	33
23	83	13	96	45	20	65	80	10	90	85	18	103
24	121	73	194	65	45	110	150	90	240	98	58	156
25	73	80	153	105	60	165	90	70	160	75	90	165
26	47	88	135	100	55	155	50	80	130	68	72	140
27	60	63	123	75	55	130	30	50	80	38	48	86
28	27	43	70	40	55	95	-	30	30	35	35	70
29	13	27	40	15	50	65	40	10	50	8	50	58
30	10	53	63	10	20	30	10	50	60	5	35	40
31	-	30	30	10	70	80	-	50	50	8	22	30
32	3	7	10	-	25	25	-	60	60	2	35	37
33	3	13	16	10	30	40	-	10	10	-	20	20
34	-	3	3	5	5	10	-	-	-	-	20	20
35	-	17	17	-	-	-	-	10	10	-	12	12
36	-	3	3	-	10	10	-	-	-	-	8	8
37	-	-	-	-	20	20	-	-	-	-	2	2
TOTAL %/00	470	529	999	480	520	1000	460	540	1000	463	537	1000
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	3	-	-	3	-	-	1	-	-	4
NUMBER OF FISH MEASURED	141	159	300	96	104	200	46	54	100	184	216	400
MEAN LENGTH (CM)	25.03	27.13	26.14	26.06	28.41	27.28	24.96	27.39	26.27	24.91	27.73	26.42
MEAN WEIGHT (KG)	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL WEIGHT LANDED (TONS)	-	-	1079	-	-	992	-	-	1081	-	-	529
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-	-	-	-
MESH SIZE (INCHES)	-	-	2.5	-	-	2.5	-	-	2.5	-	-	2.5
RANGE OF DEPTHS (FM)	-	-	101-200	-	-	101-200	-	-	101-200	-	-	61-200

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 71
(CONT'D)

LENGTH FREQUENCIES - REDFISH¹⁾ - 3N - 1962

(FREQUENCIES IN 0/00 - 1 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)											
CATCHES/LANDINGS	LANDINGS						LANDINGS BEFORE DISCARD					
MONTH	NOVEMBER			DECEMBER			SEPTEMBER			NOVEMBER		
COUNTRY	UNITED STATES						CANADA (NEWFOUNDLAND)					
SPECIES OR TYPE	"MENTELLA"											
SEX	00	00	TOT.	00	00	TOT.	00	00	TOT.	00	00	TOT.
TONNAGE	151-377						151-500					
19	2	2	4	-	-	-	-	-	-	-	-	-
20	5	-	5	5	-	5	-	-	-	-	-	-
21	22	8	30	10	5	15	5	-	5	2	2	4
22	62	22	84	10	10	20	6	3	9	4	2	6
23	90	40	130	55	15	70	22	17	39	18	8	26
24	159	38	197	100	35	135	66	36	102	72	22	94
25	80	98	178	55	50	105	93	58	151	106	42	148
26	58	48	106	75	40	115	74	62	136	100	62	162
27	20	38	58	65	50	115	58	72	130	92	74	166
28	28	22	50	20	35	55	41	50	91	36	50	86
29	5	25	30	20	5	25	26	38	64	46	36	82
30	2	38	40	25	25	50	15	34	49	8	30	38
31	-	18	18	20	30	50	23	41	64	8	26	34
32	-	18	18	15	35	50	15	38	53	14	18	32
33	-	20	20	10	25	35	4	19	23	8	22	30
34	-	15	15	-	35	35	1	12	13	8	12	20
35	-	8	8	-	55	55	1	14	15	6	16	22
36	-	5	5	-	20	20	2	18	20	-	8	8
37	-	2	2	-	5	5	1	10	11	-	12	12
38	-	2	2	-	20	20	2	5	7	-	8	8
39	-	-	-	-	10	10	-	13	13	-	6	6
40	-	-	-	-	-	-	-	5	5	-	10	10
41	-	-	-	-	10	10	-	5	5	-	2	2
42	-	-	-	-	-	-	-	-	-	-	4	4
TOTAL 0/00	539	467	1000	485	515	1000	455	550	1005	528	472	1000
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	4	-	-	2	-	-	5	-	-	2
NUMBER OF FISH MEASURED	214	186	400	97	103	200	-	-	1088	-	-	500
MEAN LENGTH (CM)	24.18	27.07	25.53	25.97	30.06	28.08	-	-	27.91	-	-	27.83
MEAN WEIGHT (KG)	-	-	-	-	-	-	-	-	0.39	-	-	0.36
TOTAL WEIGHT LANDED (TONS)	-	-	1219	-	-	1001	-	-	1591	-	-	569
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	4125671	-	-	1587877
MESH SIZE (INCHES)	-	-	2.5	-	-	2.5	-	-	2 7/8 MANILLA	-	-	2 7/8 MANILLA
RANGE OF DEPTHS (FM)	-	-	101-200	-	-	101-150	-	-	140-210	-	-	160-220

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 71
(CONT'D)LENGTH FREQUENCIES - REDFISH¹⁾ - 3N - 1962

(FREQUENCIES IN 0/00 - 1 CM GROUPS)

GEAR	OTTER TRAWL (NK)								
	NK								
CATCHES/LANDINGS									
MONTH	JANUARY			FEBRUARY			MARCH		
COUNTRY	U. S. S. R.								
SPECIES OR TYPE	"MARINUS" AND "MENTELLA"								
SEX	♂	♀	TOT.	♂	♀	TOT.	♂	♀	TOT.
TONNAGE	1100								
18	-	-	-	5	5	10	-	-	-
19	-	-	-	-	-	-	-	-	-
20	-	-	-	14	-	14	-	-	-
21	-	-	-	23	-	23	-	-	-
22	1	-	1	52	42	94	6	3	9
23	2	1	3	84	52	136	26	3	29
24	4	3	7	117	52	169	73	29	102
25	10	10	20	80	38	118	41	32	73
26	23	22	45	66	42	108	26	58	84
27	14	16	30	51	52	103	52	90	142
28	17	21	38	33	84	117	38	172	210
29	13	18	31	-	14	14	12	82	94
30	18	46	64	-	23	23	-	93	93
31	16	20	36	5	14	19	3	46	49
32	27	52	79	-	23	23	3	73	76
33	12	19	31	-	5	5	-	9	9
34	27	47	74	-	5	5	-	15	15
35	46	71	117	-	9	9	-	-	-
36	23	47	70	-	5	5	-	9	9
37	14	33	47	-	5	5	-	3	3
38	11	47	58	-	-	-	-	3	3
39	7	47	54	-	-	-	-	-	-
40	3	70	73	-	-	-	-	-	-
41	2	28	30	-	-	-	-	-	-
42	2	38	40	-	-	-	-	-	-
43	-	21	21	-	-	-	-	-	-
44	1	10	11	-	-	-	-	-	-
45	-	11	11	-	-	-	-	-	-
46	-	6	6	-	-	-	-	-	-
47	-	2	2	-	-	-	-	-	-
48	-	1	1	-	-	-	-	-	-
TOTAL 0/00	293	707	1000	530	470	1000	280	720	1000
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	5	-	-	1	-	-	1
NUMBER OF FISH MEASURED	1102	2657	3759	113	100	213	96	247	343
MEAN LENGTH (CM)	32.19	35.58	34.60	24.35	26.67	25.46	25.67	28.72	27.85
MEAN WEIGHT (KG)	0.53	0.71	0.64	0.24	0.29	0.26	-	-	-
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-
MESH SIZE	-	-	-	-	-	-	-	-	-
RANGE OF DEPTHS (FM)	-	-	75-200	-	-	100-130	-	-	112-163

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 71
(CONT'D)LENGTH FREQUENCIES - REDFISH¹⁾ - 3N - 1962(FREQUENCIES IN ⁰/100 - 1 CM GROUPS)

GEAR	OTTER TRAWL (NK)								
	APRIL			JUNE			AUGUST		
CATCHES/LANDINGS	NK								
MONTHS	U. S. S. R.			U. S. S. R.			U. S. S. R.		
COUNTRY	"MARINUS" AND "MENTELLA"								
SPECIES OR TYPE	U. S. S. R.			U. S. S. R.			U. S. S. R.		
SEX	00'	00'	TOT.	00'	00'	TOT.	00'	00'	TOT.
TONNAGE	1100								
22	-	-	-	2	3	5	-	-	-
23	-	-	-	8	6	14	1	-	1
24	1	-	1	11	8	19	1	5	6
25	1	-	1	28	26	54	8	7	15
26	5	1	6	32	35	67	17	15	32
27	13	1	14	36	32	68	25	31	56
28	16	2	18	30	43	73	18	32	50
29	8	5	13	21	27	48	20	31	51
30	19	14	33	22	30	52	44	62	106
31	20	10	30	21	30	51	25	61	86
32	29	23	52	29	36	65	24	70	94
33	46	23	69	27	25	52	31	69	100
34	51	29	80	28	27	55	18	44	62
35	62	41	103	41	31	72	27	38	65
36	51	36	87	25	37	62	11	36	47
37	36	48	84	17	33	50	15	36	51
38	14	60	74	11	34	45	6	32	38
39	4	54	58	4	24	28	2	18	20
40	8	88	96	3	24	27	3	36	39
41	5	62	67	3	24	27	-	13	13
42	6	41	47	3	23	26	1	18	19
43	1	21	22	1	18	19	-	12	12
44	4	14	18	-	9	9	-	11	11
45	-	19	19	-	7	7	-	14	14
46	-	4	4	-	4	4	-	8	8
47	-	4	4	-	1	1	-	2	2
48	-	-	-	-	-	-	-	1	1
49	-	-	-	-	-	-	-	1	1
TOTAL ⁰ /100	400	600	1000	403	597	1000	297	703	1000
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	6	-	-	10	-	-	3
NUMBER OF FISH MEASURED	337	501	838	1677	2489	4166	386	913	1299
MEAN LENGTH (CM)	34.01	38.15	36.39	30.96	33.54	32.48	31.35	33.96	33.19
MEAN WEIGHT (GK)	-	-	-	0.62	0.94	0.78	0.48	0.77	0.69
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-
MESH SIZE	-	-	-	-	-	-	-	-	-
RANGE OF DEPTHS (FM)	-	-	100-250	-	-	95-240	-	-	112-300

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 71
(CONT'D)LENGTH FREQUENCIES - REDFISH¹⁾ - 3N - 1962

(FREQUENCIES IN 0/00 - 1 CM GROUPS)

GEAR	OTTER TRAWL (NK)						NK (NK)		
CATCHES/LANDINGS	NK								
MONTHS	SEPTEMBER			OCTOBER			JUNE		
COUNTRY	U. S. S. R.								
SPECIES OR TYPE	"MARINUS" AND "MEMTELLA"								
SEX	♂	♀	TOT.	♂	♀	TOT.	♂	♀	TOT.
TONNAGE	1100						NK		
19	-	-	-	1	-	1	-	1	1
20	-	-	-	-	-	-	-	1	1
21	-	-	-	1	2	3	-	5	5
22	2	5	7	8	5	13	-	12	12
23	11	5	16	16	12	28	12	46	58
24	19	16	35	32	29	55	36	67	103
25	35	22	57	34	39	73	70	102	172
26	36	38	74	39	44	83	67	62	129
27	42	34	76	42	52	94	64	67	131
28	28	34	62	34	48	82	30	17	47
29	20	34	54	24	37	61	26	16	42
30	8	31	39	16	29	45	16	10	26
31	14	42	56	18	36	54	14	6	20
32	22	48	70	28	46	74	18	11	29
33	20	28	48	19	28	47	14	18	32
34	24	36	60	21	34	55	15	14	29
35	22	26	48	15	29	44	14	17	31
36	18	28	46	11	27	38	20	8	28
37	27	42	69	5	34	39	9	6	15
38	14	46	60	3	40	43	9	4	13
39	3	28	31	2	27	29	15	-	15
40	2	25	27	1	12	13	13	-	13
41	2	18	20	-	12	12	14	-	14
42	-	22	22	-	10	10	14	-	14
43	-	16	16	-	3	3	6	-	6
44	-	4	4	-	1	1	5	-	5
45	-	2	2	-	-	-	7	-	7
46	-	-	-	-	-	-	2	-	2
47	-	1	1	-	-	-	-	-	-
TOTAL 0/00	369	631	1000	370	630	1000	510	490	1000
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	4	-	-	17	-	-	10
NUMBER OF FISH MEASURED	807	1378	2185	2893	4912	7805	539	562	1101
MEAN LENGTH (CM)	30.20	33.11	32.03	28.70	31.50	30.43	30.5	26.9	28.6
MEAN WEIGHT (KG)	-	-	-	-	-	-	-	-	-
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-	-	-	650
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-
MESH SIZE (MM)	-	-	-	-	-	-	-	-	110-120
RANGE OF DEPTHS (FM)	-	-	160-200	-	-	62-250	-	-	111-200

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 72

LENGTH FREQUENCIES - REDFISH¹⁾ - 30 - 1962

(FREQUENCIES IN 0/00 - 1 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)								
	CATCHES								
CATCHES/LANDINGS	APRIL			MAY			AUGUST		
MONTHS	U. S. S. R.								
COUNTRY	"MARINUS" AND "MENTELLA"								
SPECIES OF TYPE	00	99	Tot.	00	99	Tot.	00	99	Tot.
SEX	NK								
TONNAGE									
15	-	-	-	-	3	3	-	-	-
16	-	-	-	-	14	14	-	-	-
17	-	-	-	-	3	3	-	-	-
18	-	-	-	-	-	-	-	-	-
19	-	-	-	-	3	3	-	-	-
20	-	-	-	-	7	7	-	-	-
21	-	1	1	10	7	17	-	-	-
22	2	8	10	7	7	14	-	-	-
23	6	20	26	5	25	30	-	-	-
24	16	40	56	9	82	91	8	32	40
25	19	88	107	28	68	96	16	8	24
26	17	154	171	37	128	165	32	24	56
27	48	174	222	30	180	210	32	40	72
28	61	145	206	37	125	162	40	72	112
29	51	39	90	49	38	87	32	32	64
30	38	13	51	33	12	45	32	72	104
31	24	5	29	17	7	24	16	24	40
32	9	2	11	7	2	9	48	-	48
33	3	-	3	9	-	9	112	-	112
34	6	1	7	2	-	2	96	-	96
35	3	-	3	2	-	2	64	-	64
36	1	-	1	5	-	5	72	-	72
37	3	-	3	-	-	-	48	-	48
38	2	-	2	2	-	2	8	-	8
39	-	-	-	-	-	-	16	-	16
40	1	-	1	-	-	-	8	-	8
41	-	-	-	-	-	-	8	-	8
42	-	-	-	-	-	-	8	-	8
TOTAL 0/00	310	690	1000	289	711	1000	696	304	1000
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	10	-	-	6	-	-	1
NUMBER OF FISH MEASURED	686	306	992	165	410	575	87	38	125
MEAN LENGTH (CM)	28.4	26.6	27.2	28.0	26.1	26.6	32.8	28.0	31.3
MEAN WEIGHT (KG)	-	-	-	-	-	-	-	-	-
TOTAL WEIGHT LANDED (TONS)	-	-	46.5	-	-	775.6	-	-	34.7
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-
MESH SIZE (MM)	-	-	110-120	-	-	110-120	-	-	110-120
RANGE OF DEPTHS (FM)	-	-	90	-	-	90-100	-	-	90

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 72
(CONT'D)LENGTH FREQUENCIES - REDFISH¹⁾ - 30 - 1962

(FREQUENCIES IN ‰ - 1 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)					
	LANDINGS					
CATCHES/LANDINGS	MAY			JUNE		
MONTHS	UNITED STATES					
COUNTRY	UNITED STATES					
SPECIES OR TYPE	UNITED STATES					
SEX	♂	♀	TOT.	♂	♀	TOT.
TONNAGE	151-377					
17	2	-	2	-	-	-
18	2	-	2	-	-	-
19	-	-	-	-	-	-
20	-	-	-	-	-	-
21	5	8	13	10	-	10
22	20	8	28	30	5	35
23	62	22	84	50	45	95
24	85	48	133	90	25	115
25	113	79	192	70	75	145
26	92	58	150	35	65	100
27	102	48	150	55	65	120
28	52	65	117	40	80	120
29	10	35	45	5	100	105
30	-	45	45	5	60	65
31	-	22	22	-	45	45
32	-	12	12	-	30	30
33	-	5	5	-	5	5
34	-	-	-	-	5	5
35	-	-	-	-	5	5
TOTAL ‰/00	545	455	1000	390	610	1000
SERIAL NUMBERS	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	4	-	-	2
NUMBER FISH MEASURED	219	181	400	78	122	200
MEAN LENGTH (CM)	25.32	26.81	25.99	24.97	27.66	26.61
MEAN WEIGHT (KG)	-	-	-	-	-	-
TOTAL WEIGHT LANDED (TONS)	-	-	999	-	-	830
ESTIMATED NUMBER LANDED	-	-	-	-	-	-
MESH SIZE (INCHES)	-	-	2.5	-	-	2.5
RANGE OF DEPTHS (FM)	-	-	61-200	-	-	101-250

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 72
(CONT'D)LENGTH FREQUENCIES - REDFISH¹⁾ - 30 - 1962(FREQUENCIES IN ⁰/₀₀ - 1 CM GROUPS)

GEAR	OTTER TRAWL (NK)								
	FEBRUARY			MARCH			APRIL		
CATCHES/LANDINGS	NK								
MONTHS	FEBRUARY			MARCH			APRIL		
COUNTRY	U. S. S. R.								
SPECIES OR TYPE	"MARINUS" AND "MENTELLA"								
SEX	00	99	TOT.	00	99	TOT.	00	99	TOT.
TONNAGE	1100								
15	-	-	-	-	1	1	-	-	-
16	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-
18	-	-	-	1	-	1	-	-	-
19	-	2	2	-	-	-	-	-	-
20	-	2	2	-	1	1	-	-	-
21	3	-	3	3	3	6	-	-	-
22	6	6	12	6	8	14	-	-	-
23	10	6	16	26	12	38	-	-	-
24	21	8	29	32	28	60	-	-	-
25	36	10	46	59	40	99	-	-	-
26	27	16	43	76	45	121	32	13	45
27	47	29	76	81	57	138	59	39	98
28	120	44	164	76	112	188	78	32	110
29	32	45	77	27	57	84	59	39	98
30	29	49	78	14	61	75	45	39	84
31	15	55	70	3	79	82	45	105	150
32	11	89	100	2	48	50	26	39	65
33	8	60	68	3	22	25	26	72	98
34	10	68	78	1	11	12	13	59	72
35	3	44	47	-	4	4	13	72	85
36	5	34	39	-	1	1	-	32	32
37	-	19	19	-	-	-	-	19	19
38	-	21	21	-	-	-	-	26	26
39	2	6	8	-	-	-	-	6	6
40	-	-	-	-	-	-	-	-	-
41	-	-	-	-	-	-	-	6	6
42	-	-	-	-	-	-	-	6	6
43	2	-	2	-	-	-	-	-	-
TOTAL ⁰ / ₀₀	387	613	1000	410	590	1000	396	604	1000
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	4	-	-	4	-	-	3
NUMBER OF FISH MEASURED	299	379	618	480	687	1167	61	93	154
MEAN LENGTH (CM)	27.98	31.55	30.17	26.43	28.50	27.67	29.42	32.40	31.22
MEAN WEIGHT (KG)	-	-	-	0.28	0.39	0.37	-	-	-
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-
MESH SIZE	-	-	-	-	-	-	-	-	-
RANGE OF DEPTHS (FM)	-	-	90-320	-	-	90-165	-	-	65-110

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 72
(CONT'D)LENGTH FREQUENCIES - REDFISH¹⁾ - 30 - 1962

(FREQUENCIES IN ‰ - 1 CM GROUPS)

GEAR	OTTER TRAWL (NK)								
CATCHES/LANDINGS	NK								
MONTHS	JUNE			OCTOBER			DECEMBER		
COUNTRY	U. S. S. R.								
SPECIES OR TYPE	"MARINUS" AND "MENTELLA"								
SEX	♂	♀	TOT.	♂	♀	TOT.	♂	♀	TOT.
TONNAGE	1100								
13	-	-	-	1	-	1	-	-	-
14	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-
16	1	-	1	-	-	-	-	-	-
17	1	-	1	-	-	-	-	-	-
18	-	-	-	1	1	2	-	-	-
19	1	-	1	2	2	4	-	-	-
20	4	3	7	-	1	1	-	-	-
21	9	8	17	3	2	5	-	-	-
22	15	18	33	7	4	11	-	-	-
23	20	20	40	18	8	26	-	-	-
24	48	39	87	37	18	55	-	-	-
25	77	59	136	41	22	63	-	-	-
26	73	73	146	31	25	56	13	-	13
27	42	64	106	33	31	64	9	9	18
28	22	51	73	40	76	116	9	-	9
29	11	42	53	15	55	70	9	13	22
30	11	57	68	5	44	49	18	22	40
31	8	51	59	5	99	104	13	31	44
32	7	47	54	3	139	142	27	95	122
33	2	29	31	2	61	63	4	112	116
34	3	25	28	2	68	70	45	76	121
35	1	30	31	2	38	40	41	95	136
36	2	11	13	1	28	29	45	86	131
37	1	4	5	-	16	16	27	59	86
38	-	4	4	1	9	10	-	45	45
39	-	1	1	-	2	2	-	49	49
40	-	1	1	-	-	-	-	18	18
41	-	2	2	-	-	-	-	13	13
42	-	-	-	-	1	1	-	9	9
43	-	-	-	-	-	-	-	4	4
44	-	-	-	-	-	-	-	-	-
45	-	2	2	-	-	-	-	-	-
46	-	-	-	-	-	-	-	4	4
TOTAL ‰	359	641	1000	250	750	1000	260	740	1000
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	13	-	-	9	-	-	3
NUMBER OF FISH MEASURED	1534	2745	4279	640	1917	2557	58	165	223
MEAN LENGTH (CM)	25.82	28.65	27.65	26.23	30.85	29.68	33.10	34.83	34.38
MEAN WEIGHT (KG)	0.28	0.45	0.40	-	-	-	-	-	-
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-
MESH SIZE	-	-	-	-	-	-	-	-	-
RANGE OF DEPTHS (FM)	-	-	75-290	-	-	100-300	-	-	150-300

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 73

LENGTH FREQUENCIES - REDFISH¹⁾ - 3P - 1962

(FREQUENCIES IN 0/00 - 1 CM GROUPS)

GEAR	OTTER TRAWL (RESEARCH)													
CATCHES/LANDINGS	CATCHES													
MONTHS	JULY-AUGUST													
COUNTRY	POLAND													
SPECIES OR TYPE	"MENTELLA"													
SEX	NK	♂♂	♀♀	TOT.	♂♂	♀♀	TOT.	♂♂	♀♀	TOT.	NK	♂♂	♀♀	TOT.
TONNAGE	NK													
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	6	-	-	6	-	-	-	-	-	-	1	-	-	1
10	31	-	-	31	-	-	-	-	-	-	45	-	-	45
11	54	1	1	56	-	-	-	-	-	-	37	-	-	37
12	32	6	3	41	-	-	-	-	-	-	14	-	-	14
13	5	1	5	11	-	-	-	-	-	-	34	-	-	34
14	1	5	9	15	-	-	-	-	-	-	27	1	5	33
15	-	8	11	19	-	-	-	-	-	-	3	6	11	20
16	-	14	13	27	-	-	-	-	-	-	-	6	6	12
17	-	16	20	36	-	-	-	-	-	-	-	17	10	27
18	-	18	21	39	-	-	-	-	-	-	-	16	11	27
19	-	20	34	54	-	-	-	-	-	-	-	9	14	23
20	-	45	36	81	3	-	3	-	-	-	-	28	11	39
21	-	46	45	91	8	7	15	-	-	-	-	28	20	48
22	-	52	34	86	15	18	33	3	3	6	-	36	21	57
23	-	76	34	110	10	8	18	3	3	6	-	40	39	79
24	-	74	47	121	25	18	43	-	-	-	-	59	40	99
25	-	39	42	81	23	25	48	3	6	9	-	36	48	84
26	-	14	36	50	23	25	48	3	6	9	-	22	28	50
27	-	5	15	20	15	22	37	3	16	19	-	11	14	25
28	-	6	7	13	25	15	40	6	6	12	-	6	6	12
29	-	3	1	4	30	12	42	-	-	-	-	8	9	17
30	-	-	1	1	48	12	60	3	-	3	-	16	5	21
31	-	1	1	2	87	20	107	-	-	-	-	17	10	27
32	-	1	-	1	94	32	126	-	-	-	-	13	6	19
33	-	-	-	-	82	40	122	-	-	-	-	28	6	34
34	-	-	-	-	42	33	75	19	-	19	-	13	12	25
35	-	-	1	1	8	29	37	43	3	46	-	4	10	14
36	-	-	1	1	8	50	58	62	3	65	-	1	13	14
37	-	-	1	1	2	40	42	108	3	111	-	-	19	19
38	-	-	-	-	-	43	43	117	18	135	-	-	23	23
39	-	-	-	-	-	26	26	62	31	93	-	-	13	13
40	-	-	-	-	-	13	13	40	62	102	-	-	4	4
41	-	-	1	1	-	7	7	53	44	97	-	-	1	1
42	-	-	-	-	-	2	2	46	43	89	-	-	3	3
43	-	-	-	-	-	3	3	28	52	80	-	-	-	-
44	-	-	-	-	-	-	-	21	19	40	-	-	-	-
45	-	-	-	-	-	-	-	3	25	28	-	-	-	-
46	-	-	-	-	-	-	-	-	22	22	-	-	-	-
47	-	-	-	-	-	-	-	-	6	6	-	-	-	-
48	-	-	-	-	-	-	-	-	6	6	-	-	-	-
49	-	-	-	-	-	-	-	-	6	6	-	-	-	-
50	-	-	-	-	-	-	-	-	6	6	-	-	-	-
TOTAL 0/00	129	451	420	1000	525	475	1000	623	377	1000	161	421	418	1000
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	-	8	-	-	2	-	-	2	-	-	-	2
NUMBER OF FISH MEASURED	-	-	-	1496	-	-	600	-	-	324	-	-	-	644
MEAN LENGTH (CM)	11.0	21.7	21.7	20.3	-	-	30.6	37.1	39.6	38.1	-	-	-	22.4
MEAN WEIGHT (KG)	-	-	-	0.098	-	-	0.494	-	-	0.837	-	-	-	0.245
TOTAL WEIGHT LANDED(TONS)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MESH SIZE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RANGE OF DEPTHS (FM)	-	-	-	-120-137	-	-	-164-191	-	-	-246-263	-	-	-	-112-117

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 73
(CONT'D)LENGTH FREQUENCIES - REDFISH¹⁾ - 3P - 1962

(FREQUENCIES IN ‰ - 1 CM GROUPS)

GEAR	OTTER TRAWL											
	(NK)											
CATCHES/LANDINGS	NK											
MONTHS	FEBRUARY			MARCH			MAY			JULY-AUGUST		
COUNTRY	U. S. S. R.									POLAND		
SPECIES OR TYPE	"MARINUS" AND "MENTELLA"									"MARINUS"		
SEX	♂	♀	TOT.	♂	♀	TOT.	♂	♀	TOT.	♂	♀	TOT.
TONNAGE	1100									NK		
18	-	1	1	-	-	-	-	-	-	-	-	-
19	1	-	1	-	-	-	-	-	-	-	-	-
20	1	2	3	-	-	-	-	-	-	-	-	-
21	2	5	7	7	4	11	-	-	-	-	-	-
22	5	7	12	7	7	14	-	-	-	-	-	-
23	9	6	15	7	7	14	16	-	16	-	-	-
24	12	3	15	4	14	18	16	16	32	-	-	-
25	7	4	11	18	4	22	47	16	63	-	-	-
26	16	9	25	35	10	45	47	31	78	-	-	-
27	22	6	28	63	28	91	47	31	78	-	-	-
28	43	21	64	81	42	123	78	31	109	-	-	-
29	31	18	49	35	21	56	16	-	16	-	-	-
30	34	32	66	42	78	120	186	63	249	-	-	-
31	27	41	68	18	73	91	16	31	47	-	-	-
32	34	66	100	10	116	126	93	31	124	-	6	6
33	16	73	89	7	92	99	46	-	46	-	6	6
34	15	84	99	4	81	85	-	16	16	-	-	-
35	8	75	83	7	56	63	-	46	46	-	-	-
36	5	51	56	-	7	7	-	16	16	6	6	12
37	8	69	77	-	7	7	16	16	32	6	-	6
38	4	51	55	-	4	4	16	-	16	17	-	17
39	-	21	21	-	4	4	-	-	-	40	29	69
40	-	19	19	-	-	-	-	16	16	57	29	86
41	-	16	16	-	-	-	-	-	-	51	18	69
42	-	13	13	-	-	-	-	-	-	74	29	103
43	-	6	6	-	-	-	-	-	-	115	12	127
44	-	1	1	-	-	-	-	-	-	97	6	103
45	-	-	-	-	-	-	-	-	-	63	34	97
46	-	-	-	-	-	-	-	-	-	40	23	63
47	-	-	-	-	-	-	-	-	-	40	51	91
48	-	-	-	-	-	-	-	-	-	17	34	51
49	-	-	-	-	-	-	-	-	-	6	11	17
50	-	-	-	-	-	-	-	-	-	11	6	17
51	-	-	-	-	-	-	-	-	-	6	11	17
52	-	-	-	-	-	-	-	-	-	-	11	11
53	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	11	11
55	-	-	-	-	-	-	-	-	-	-	6	6
56	-	-	-	-	-	-	-	-	-	-	5	5
57	-	-	-	-	-	-	-	-	-	-	5	5
58	-	-	-	-	-	-	-	-	-	-	5	5
TOTAL ‰	300	700	1000	345	655	1000	640	360	1000	646	354	1000
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	9	-	-	2	-	-	2	-	-	2
NUMBER OF FISH MEASURED	628	1471	2099	98	186	284	41	23	64	-	-	175
MEAN LENGTH (CM)	29.55	33.96	32.67	27.98	31.33	30.16	29.43	30.83	29.95	43.12	45.35	43.91
MEAN WEIGHT (KG)	-	-	-	0.31	0.48	0.43	-	-	-	-	-	1.465
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-	-	-	-
MESH SIZE	-	-	-	-	-	-	-	-	-	-	-	-
RANGE OF DEPTHS (FM)	-	-	90-225	-	-	72-165	-	-	63-150	-	-	112-117

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 74 LENGTH FREQUENCIES - REDFISH¹⁾ - 3NK2²⁾ - 1962 (FREQUENCIES IN ⁰/100 - 1 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)		
CATCHES/LANDINGS	LANDINGS		
MONTHS	OCTOBER		
COUNTRY	UNITED STATES		
SPECIES OR TYPE			
SEX	♂	♀	Tot.
TONNAGE	151-377		
23	20	20	40
24	60	60	120
25	90	20	110
26	80	60	140
27	80	-	80
28	70	60	130
29	-	70	70
30	-	80	80
31	-	60	60
32	-	40	40
33	-	20	20
34	-	60	60
35	10	40	50
TOTAL ⁰ /100	410	590	1000
SERIAL NUMBERS	-	-	-
NUMBER OF SAMPLES	-	-	1
NUMBER OF FISH MEASURED	41	59	100
MEAN LENGTH (CM)	26.10	29.34	28.01
MEAN WEIGHT (KG)	-	-	-
TOTAL WEIGHT LANDED (TONS)	-	-	-
ESTIMATED NUMBER LANDED	-	-	-
MESH SIZE	-	-	-
RANGE OF DEPTHS (FM)	-	-	61-250

- 1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.
- 2) (3L-P)

TABLE 75

LENGTH FREQUENCIES - REDFISH¹⁾ - 4R - 1962

(FREQUENCIES IN 0/00 - 1 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)					
CATCHES / LANDINGS	LANDINGS					
MONTHS	JUNE			AUGUST		
COUNTRY	CANADA (MARITIMES)					
SPECIES OR TYPE						
SEX	♂	♀	TOT.	♂	♀	TOT.
TONNAGE	151-500					
21	-	2	2	3	-	3
22	-	8	8	8	-	8
23	10	12	22	13	-	13
24	12	20	32	8	-	8
25	-	8	8	13	5	18
26	-	2	2	2	-	2
27	-	5	5	-	-	-
28	-	-	-	-	-	-
29	-	-	-	3	-	3
30	-	-	-	-	-	-
31	5	2	7	25	8	33
32	30	10	40	46	8	54
33	48	30	78	89	10	99
34	75	50	125	171	23	194
35	128	52	180	110	41	151
36	75	100	175	69	58	127
37	38	62	100	38	76	114
38	10	50	60	13	61	74
39	2	50	52	5	36	41
40	-	43	43	5	23	28
41	-	38	38	-	23	23
42	-	23	23	3	5	8
TOTAL 0/00	433	567	1000	624	377	1001
SERIAL NUMBERS	-	-	128	-	-	127
NUMBER OF SAMPLES	-	-	1	-	-	1
NUMBER OF FISH MEASURED	173	227	400	244	148	392
MEAN LENGTH (CM)	34.21	35.70	35.05	33.57	36.79	34.78
MEAN WEIGHT (KG)	-	-	0.57	-	-	0.58
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-
MESH SIZE (INCHES)	-	-	3½	-	-	(NYLON)4½
RANGE OF DEPTHS (FM)	-	-	170-190	-	-	140

- 1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 76

LENGTH FREQUENCIES - REDFISH¹⁾ - 4S - 1962

(FREQUENCIES IN ‰ - 1 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)											
CATCHES/LANDINGS	LANDINGS											
MONTHS	JUNE			AUGUST			SEPTEMBER					
COUNTRY	CANADA (MARITIMES)											
SPECIES OR TYPE												
SEX	00	99	NK	TOT.	00	99	NK	TOT.	00	99	TOT.	
TONNAGE	151-500				51-150				51-150			
20	-	-	23	23	-	-	-	-	-	-	-	
21	-	5	23	28	-	-	7	7	-	-	-	
22	-	-	77	77	-	-	3	3	-	-	-	
23	-	-	91	91	14	-	3	17	-	-	-	
24	9	9	100	118	21	7	3	31	-	-	-	
25	-	-	32	32	7	3	-	10	-	-	-	
26	-	-	5	5	-	-	-	-	-	-	-	
27	-	-	-	-	3	-	-	3	5	5	10	
28	-	-	-	-	-	-	-	-	-	-	-	
29	5	-	-	5	-	-	-	-	15	-	15	
30	-	-	-	-	3	-	-	3	15	-	15	
31	9	9	5	23	27	-	-	27	25	10	35	
32	59	18	-	77	31	3	-	34	100	15	115	
33	54	9	-	63	58	-	-	58	85	10	95	
34	45	23	5	73	140	28	-	168	60	10	70	
35	59	54	-	113	96	28	-	124	35	20	55	
36	50	50	-	100	75	86	-	161	10	20	30	
37	9	32	5	46	34	58	-	92	25	55	80	
38	9	23	-	32	7	79	-	86	15	95	110	
39	5	27	-	32	-	62	-	62	-	135	135	
40	14	9	-	23	-	82	-	82	-	100	100	
41	14	5	-	19	-	17	-	17	-	70	70	
42	9	14	-	23	-	14	-	14	-	45	45	
43	-	-	-	-	-	-	-	-	-	15	15	
44	-	-	-	-	-	-	-	-	-	-	-	
45	-	-	-	-	-	-	-	-	-	5	5	
TOTAL ‰	350	287	366	1003	516	467	16	999	390	610	1000	
SERIAL NUMBERS	-	-	-	130	-	-	-	131	-	-	129	
NUMBER OF SAMPLES	-	-	-	1	-	-	-	1	-	-	1	
NUMBER OF FISH MEASURED	-	-	-	220	-	-	-	292	78	122	200	
MEAN LENGTH (CM)	34.53	35.57	29.42	30.77	33.45	37.47	22.13	35.15	33.13	38.62	36.48	
MEAN WEIGHT (KG)	-	-	-	0.31	-	-	-	0.62	-	-	0.81	
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-	-	-	-	-	-	
MESH SIZE (INCHES)	-	-	-	4 3/8	-	-	(MANILLA) 4 1/2	-	-	(NYLON) 4 1/2	-	
RANGE OF DEPTHS (FM)	-	-	-	155-160	-	-	150-180	-	-	-	98	

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 77

LENGTH FREQUENCIES - REDFISH¹⁾ - 4T - 1962(FREQUENCIES IN ⁰/100 - 1 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)								
CATCHES/LANDINGS	LANDINGS								
MONTHS	JUNE			JULY			AUGUST		
COUNTRY	CANADA (MARITIMES)								
SPECIES OR TYPE									
SEX	♂	♀	Tot.	♂	♀	Tot.	♂	♀	Tot.
TONNAGE	51-150			151-500			51-150		
20	-	3	3	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-
22	-	3	3	-	-	-	2	-	2
23	10	3	13	-	-	-	-	-	-
24	-	7	7	-	10	10	-	2	2
25	3	7	10	-	10	10	5	-	5
26	-	13	13	-	-	-	14	2	16
27	3	-	3	-	-	-	17	2	19
28	10	10	20	20	10	30	19	5	24
29	10	13	23	-	40	40	26	12	38
30	20	33	53	10	50	60	19	19	38
31	53	53	106	20	10	30	24	7	31
32	37	40	77	-	50	50	41	12	53
33	53	63	116	20	50	70	29	19	48
34	50	30	80	20	40	60	65	17	82
35	37	50	87	30	20	50	72	14	86
36	47	37	84	30	60	90	79	41	120
37	47	33	80	10	60	70	29	24	53
38	27	67	94	10	100	110	17	50	67
39	3	47	50	-	110	110	34	74	108
40	-	37	37	-	80	80	22	77	99
41	-	30	30	-	60	60	7	41	48
42	-	3	3	-	40	40	2	31	33
43	-	7	7	-	10	10	-	17	17
44	-	-	-	-	20	20	-	10	10
45	-	-	-	-	-	-	-	2	2
TOTAL ⁰ /100	410	589	999	170	830	1000	523	478	1001
SERIAL NUMBERS	-	-	-	-	-	137	-	-	-
NUMBER OF SAMPLES	-	-	-	-	-	1	-	-	-
NUMBER OF FISH MEASURED	123	177	300	17	83	100	218	199	417
MEAN LENGTH (CM)	33.42	34.57	34.10	33.53	36.35	35.87	33.90	37.62	35.68
MEAN WEIGHT (KG)	-	-	0.66	-	-	0.70	-	-	0.70
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-
MESH SIZE (INCHES)	-	-	4 3/8	-	-	4 3/8	-	-	(NYLON) 4 5/8
RANGE OF DEPTHS (FM)	-	-	100-150	-	-	100-125	-	-	100-125

- 1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 7B

LENGTH FREQUENCIES - REDFISH¹⁾ - 4V - 1962

(FREQUENCIES IN %/00 - 1 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)								
	LANDINGS								
CATCHES/LANDINGS	MAY			JUNE			JULY		
MONTHS	UNITED STATES								
COUNTRY	UNITED STATES								
SPECIES OR TYPE	UNITED STATES								
SEX	♂	♀	Tot.	♂	♀	Tot.	♂	♀	Tot.
TONNAGE	51-377								
16	-	3	3	-	-	-	-	-	-
17	10	-	10	-	-	-	-	-	-
18	10	-	10	2	-	2	-	-	-
19	17	7	24	-	-	-	5	-	5
20	23	13	36	14	4	18	15	-	15
21	30	23	53	26	16	42	15	10	25
22	44	20	64	26	16	42	20	5	25
23	20	13	33	56	38	94	30	-	30
24	30	17	47	64	28	92	20	10	30
25	50	33	83	60	32	92	45	20	65
26	83	23	106	76	44	120	95	25	120
27	73	27	100	80	40	120	100	35	135
28	44	30	74	34	36	70	70	85	155
29	23	44	67	22	40	62	60	55	115
30	30	53	83	12	40	52	5	55	60
31	30	43	73	10	44	54	15	40	55
32	7	37	44	14	30	44	5	55	60
33	3	33	36	8	16	24	5	20	25
34	3	23	26	4	18	22	-	35	35
35	-	3	3	2	10	12	-	5	5
36	-	10	10	6	10	16	-	5	5
37	-	10	10	-	8	8	-	20	20
38	-	-	-	-	4	4	-	10	10
39	-	3	3	2	2	4	-	-	-
40	-	-	-	-	4	4	-	-	-
41	-	-	-	-	2	2	-	5	5
TOTAL %/00	530	468	998	518	482	1000	505	495	1000
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	3	-	-	5	-	-	2
NUMBER OF FISH MEASURED	159	141	300	259	241	500	101	99	200
MEAN LENGTH (CM)	25.37	28.35	26.77	25.80	28.32	27.01	26.25	29.92	28.06
MEAN WEIGHT (KG)	-	-	-	-	-	-	-	-	-
TOTAL WEIGHT LANDED (TONS)	-	-	1195	-	-	1203	-	-	1211
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-
MESH SIZE (INCHES)	-	-	2.5	-	-	2.5	-	-	2.5
RANGE OF DEPTHS (FM)	-	-	61-200	-	-	61-200	-	-	61-200

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 78
(CONT'D)

LENGTH FREQUENCIES - REDFISH¹⁾ - 4V - 1962

(FREQUENCIES IN ‰ - 1 CM GROUPS)

GEAR	OTTER TRAWL												
	(RESEARCH)						(NK)						
CATCHES/LANDINGS	CATCHES						NK						
MONTHS	JULY-AUGUST						MAY			JULY			
COUNTRY	POLAND						U. S. S. R.						
SPECIES OR TYPE	"MENTELLA"						"MARINUS" AND "MENTELLA"						
SEX	♂	♀	TOT.	NK	♂	♀	TOT.	♂	♀	TOT.	♂	♀	TOT.
TONNAGE	NK						1100						
9	-	-	-	1	-	-	1	-	-	-	-	-	-
10	-	-	-	3	-	-	3	-	-	-	-	-	-
11	-	-	-	11	-	-	11	-	-	-	-	-	-
12	-	-	-	9	1	1	11	-	-	-	-	-	-
13	-	2	2	14	2	2	18	-	-	-	-	-	-
14	2	2	4	4	3	3	10	-	-	-	-	-	-
15	2	2	4	-	2	2	4	-	-	-	-	-	-
16	3	2	5	-	4	3	7	-	-	-	-	-	-
17	-	-	-	-	5	6	11	-	1	1	-	-	-
18	3	1	4	-	5	6	11	2	1	3	-	-	-
19	2	1	3	-	4	7	11	1	-	1	-	-	-
20	1	3	4	-	13	3	16	5	2	7	1	-	1
21	5	4	9	-	15	17	32	2	2	4	-	1	1
22	5	3	8	-	20	17	37	8	1	9	-	-	-
23	3	10	13	-	16	16	32	3	4	7	1	-	1
24	17	10	27	-	22	15	37	12	6	18	4	4	8
25	24	26	50	-	28	20	48	7	11	18	1	5	6
26	22	10	32	-	29	15	44	18	15	33	21	9	30
27	40	18	58	-	47	19	66	27	16	43	46	5	51
28	78	20	98	-	53	20	73	35	19	54	56	9	65
29	64	30	94	-	76	27	103	42	28	70	33	7	40
30	54	52	106	-	40	38	78	69	36	105	78	48	126
31	38	60	98	-	21	46	67	33	43	76	68	48	116
32	28	54	82	-	10	70	80	40	68	108	44	34	78
33	14	88	102	-	5	64	69	31	60	91	33	47	80
34	9	79	88	-	8	43	51	32	43	75	13	61	74
35	3	51	54	-	1	31	32	27	49	76	13	53	66
36	1	26	27	-	1	11	12	12	36	48	6	85	91
37	1	16	17	-	2	8	10	8	35	43	9	63	72
38	-	5	5	-	-	3	3	10	29	39	5	56	61
39	-	3	3	-	2	5	7	2	18	20	5	16	21
40	-	2	2	-	1	2	3	1	24	25	-	12	12
41	-	-	-	-	-	2	2	-	13	13	-	-	-
42	-	-	-	-	-	-	-	-	5	5	-	-	-
43	-	1	1	-	-	-	-	-	4	4	-	-	-
44	-	-	-	-	-	-	-	1	-	1	-	-	-
45	-	-	-	-	-	-	-	-	2	2	-	-	-
46	-	-	-	-	-	-	-	-	1	1	-	-	-
TOTAL ‰	419	581	1000	42	436	522	1000	428	572	1000	437	563	1000
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	4	-	-	-	5	-	-	1	-	-	2
NUMBER OF FISH MEASURED	-	-	1089	-	-	-	1265	515	689	1204	334	432	766
MEAN LENGTH (CM)	28.3	31.2	29.98	12.1	26.7	29.5	27.5	30.37	33.16	31.97	30.31	34.02	32.42
MEAN WEIGHT (KG)	-	-	0.425	-	-	-	0.403	0.44	0.64	0.55	-	-	-
TOT. WT. LANDED (TONS)	-	-	-	-	-	-	-	-	-	-	-	-	-
ESTIMATED NO. LANDED	-	-	-	-	-	-	-	-	-	-	-	-	-
MESH SIZE	-	-	-	-	-	-	-	-	-	-	-	-	-
RANGE OF DEPTHS (FM)	-	-	109-164	-	-	-	93-141	-	-	65-120	-	-	145-195

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 78
(CONT'D)LENGTH FREQUENCIES - REDFISH¹⁾ - 4V - 1962

(FREQUENCIES IN ‰ - 1 CM GROUPS)

GEAR	OTTER TRAWL (NK)								
	NK								
CATCHES/LANDINGS	AUGUST			SEPTEMBER			NOVEMBER		
MONTHS	U. S. S. R.								
COUNTRY	"MARINUS" AND "MENTELLA"								
SPECIES OR TYPE	00	00	TOT.	00	00	TOT.	00	00	TOT.
SEX	1100								
TONNAGE									
14	2	-	2	-	-	-	-	-	-
15	2	5	7	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-
17	5	2	7	-	-	-	-	-	-
18	2	-	2	-	-	-	1	-	1
19	-	-	-	-	-	-	-	-	-
20	10	5	15	2	-	2	-	-	-
21	10	5	15	-	2	2	1	1	2
22	5	7	12	3	3	6	3	1	4
23	12	7	19	-	5	5	3	1	4
24	10	19	29	10	2	12	7	4	11
25	15	29	44	14	2	16	11	4	15
26	22	19	41	24	2	26	22	13	35
27	22	15	37	31	3	34	44	13	57
28	27	12	39	41	7	48	46	12	58
29	15	29	44	36	21	57	59	15	74
30	39	36	75	57	19	76	63	25	88
31	5	36	41	26	29	55	63	38	101
32	17	62	79	46	38	84	52	62	114
33	15	57	72	38	38	76	44	58	102
34	19	44	63	24	29	53	25	53	78
35	10	85	95	33	39	72	15	73	88
36	19	44	63	15	63	78	8	59	67
37	10	39	49	3	84	87	2	38	40
38	-	27	27	2	68	70	3	18	21
39	5	22	27	-	63	63	1	12	13
40	5	31	36	-	50	50	1	12	13
41	7	10	17	2	17	19	1	4	5
42	-	15	15	-	9	9	-	5	5
43	-	5	5	-	2	2	-	1	1
44	-	10	10	-	-	-	-	2	2
45	-	5	5	-	-	-	-	1	1
46	-	2	2	-	-	-	-	-	-
47	-	2	2	-	-	-	-	-	-
48	-	2	2	-	-	-	-	-	-
49	-	2	2	-	-	-	-	-	-
TOTAL ‰	310	690	1000	407	595	1002	475	525	1000
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	1	-	-	5	-	-	8
NUMBER OF FISH MEASURED	128	284	412	237	347	584	2642	2917	5559
MEAN LENGTH (CM)	29.13	33.14	32.86	30.38	35.51	33.42	30.12	33.55	31.93
MEAN WEIGHT (KG)	-	-	-	0.45	0.69	0.57	-	-	-
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-
MESH SIZE	-	-	-	-	-	-	-	-	-
RANGE OF DEPTHS (FM)	-	-	95-215	-	-	110-300	-	-	100-225

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 79

LENGTH FREQUENCIES - REDFISH¹⁾ - 4W - 1962

(FREQUENCIES IN ‰ - 1 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)											
CATCHES/LANDINGS	LANDINGS											
MONTHS	JANUARY			FEBRUARY			APRIL			MAY		
COUNTRY	UNITED STATES											
SPECIES OR TYPE												
SEX	♂	♀	Tot.	♂	♀	Tot.	♂	♀	Tot.	♂	♀	Tot.
TONNAGE	51-377											
16	-	-	-	5	5	10	3	-	3	-	-	-
17	-	-	-	-	-	-	-	3	3	3	-	3
18	-	-	-	15	10	25	10	3	13	7	3	10
19	5	5	10	30	10	40	13	10	23	7	7	14
20	12	8	20	100	20	120	50	37	87	30	20	50
21	10	10	20	60	65	125	57	27	84	17	20	37
22	22	12	34	95	35	130	73	43	116	33	7	40
23	40	30	70	75	65	140	57	60	117	63	27	90
24	90	23	113	95	65	160	73	27	100	90	23	113
25	123	53	176	55	55	110	60	47	107	100	33	133
26	92	55	147	15	45	60	33	43	76	70	57	127
27	30	50	80	-	50	50	27	30	57	27	43	70
28	8	57	65	-	20	20	10	27	37	20	30	50
29	18	48	66	-	5	5	3	33	36	7	50	57
30	-	48	48	-	5	5	7	37	44	3	60	63
31	2	42	44	-	-	-	3	30	33	-	57	57
32	10	40	50	-	-	-	3	27	30	3	30	33
33	-	22	22	-	-	-	-	7	7	-	20	20
34	-	15	15	-	-	-	-	10	10	-	13	13
35	-	18	18	-	-	-	-	10	10	-	13	13
36	-	2	2	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	-	3	3	-	7	7
38	-	-	-	-	-	-	-	-	-	-	-	-
39	-	-	-	-	-	-	-	3	3	-	-	-
TOTAL ‰	462	538	1000	545	455	1000	482	517	999	480	520	1000
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	4	-	-	2	-	-	3	-	-	3
NUMBER OF FISH MEASURED	185	215	400	109	91	200	145	155	300	144	156	300
MEAN LENGTH (CM)	24.92	27.93	27.67	22.09	23.71	22.83	23.22	26.01	24.66	24.17	27.76	26.04
MEAN WEIGHT (KG)	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL WEIGHT LANDED (TONS)	-	-	949	-	-	505	-	-	1613	-	-	1391
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-	-	-	-
MESH SIZE (INCHES)	-	-	2.5	-	-	2.5	-	-	2.5	-	-	2.5
RANGE OF DEPTHS (FM)	-	-	61-150	-	-	61-150	-	-	61-200	-	-	61-150

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 79
(CONT'D)LENGTH FREQUENCIES - REDFISH¹⁾ - 4W - 1962

(FREQUENCIES IN 0/00 - 1 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)								
CATCHES/LANDINGS	LANDINGS								
MONTHS	JUNE			JULY			AUGUST		
COUNTRY	UNITED STATES								
SPECIES OR TYPE									
SEX	♂	♀	Tot.	♂	♀	Tot.	♂	♀	Tot.
TONNAGE	51-377								
17	5	-	5	-	8	8	-	-	-
18	5	-	5	8	-	8	5	2	7
19	25	15	40	30	8	38	10	5	15
20	35	15	50	32	22	54	10	2	12
21	75	35	110	40	28	68	40	18	58
22	105	55	160	28	20	48	75	13	88
23	130	50	180	57	25	82	115	60	175
24	40	35	75	88	40	128	105	48	153
25	45	50	95	85	48	133	52	55	107
26	30	65	95	57	75	132	40	95	135
27	10	60	70	15	70	85	5	98	103
28	5	35	40	18	70	88	5	65	70
29	5	40	45	10	45	55	2	20	22
30	5	10	15	2	35	37	-	40	40
31	-	15	15	2	17	19	-	10	10
32	-	-	-	-	17	17	-	2	2
33	-	-	-	-	-	-	-	2	2
TOTAL 0/00	520	480	1000	472	528	1000	464	535	999
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	2	-	-	4	-	-	4
NUMBER OF FISH MEASURED	104	96	200	189	211	400	186	214	400
MEAN LENGTH (CM)	23.07	24.97	23.78	23.65	25.98	24.88	23.29	25.98	24.73
MEAN WEIGHT (KG)	-	-	-	-	-	-	-	-	-
TOTAL WEIGHT LANDED (TONS)	-	-	1298	-	-	1344	-	-	1428
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-
MESH SIZE (INCHES)	-	-	2.5	-	-	2.5	-	-	2.5
RANGE OF DEPTHS (FM)	-	-	61-150	-	-	61-150	-	-	61-150

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 79
(CONT'D)LENGTH FREQUENCIES - REDFISH¹⁾ - 4W - 1962

(FREQUENCIES IN 0/00 - 1 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)						OTTER TRAWL (RESEARCH)		
	LANDINGS						CATCHES		
CATCHES/LANDINGS	SEPTEMBER			NOVEMBER			JULY-AUGUST		
MONTHS	UNITED STATES						POLAND		
COUNTRY							"MENTELLA"		
SPECIES OR TYPE									
SEX	♂	♀	TOT.	♂	♀	TOT.	♂	♀	TOT.
TONNAGE	51-377						NK		
15	2	-	2	-	-	-	-	-	-
16	5	-	5	10	-	10	-	-	-
17	5	-	5	-	-	-	-	-	-
18	5	-	5	20	-	20	-	-	-
19	18	10	28	30	-	30	-	-	-
20	48	22	70	70	10	80	-	-	-
21	68	48	116	80	60	140	4	2	6
22	98	35	133	80	50	130	9	5	14
23	115	60	175	80	110	190	27	4	31
24	50	68	118	30	70	100	24	15	39
25	18	92	110	10	70	80	14	10	24
26	20	65	85	20	60	80	49	14	63
27	5	62	67	-	30	30	76	19	95
28	-	35	35	-	70	70	107	34	141
29	-	22	22	-	40	40	59	40	99
30	-	10	10	-	-	-	17	58	75
31	-	8	8	-	-	-	2	91	93
32	-	2	2	-	-	-	-	112	112
33	-	2	2	-	-	-	-	113	113
34	-	2	2	-	-	-	-	77	77
35	-	-	-	-	-	-	-	14	14
36	-	-	-	-	-	-	-	4	4
TOTAL 0/00	457	543	1000	430	570	1000	388	612	1000
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	4	-	-	1	-	-	1
NUMBER OF FISH MEASURED	182	218	400	43	57	100	-	-	581
MEAN LENGTH (CM)	22.15	24.77	23.57	21.53	24.58	23.27	26.9	30.99	29.4
MEAN WEIGHT (KG)	-	-	-	-	-	-	-	-	0.423
TOTAL WEIGHT LANDED (TONS)	-	-	1312	-	-	173	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-
MESH SIZE (INCHES)	-	-	2.5	-	-	2.5	-	-	-
RANGE OF DEPTHS (FM)	-	-	61-200	-	-	61-150	-	-	57-74

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 79
(CONT'D)LENGTH FREQUENCIES - REDFISH¹⁾ - 4W - 1962

(FREQUENCIES IN 0/00 - 1 CM GROUPS)

GEAR	OTTER TRAWL (RESEARCH)													
CATCHES/LANDINGS	CATCHES													
MONTHS	JULY-AUGUST													
COUNTRY	POLAND													
SPECIES OR TYPE	"MENTELLA"													
SEX	♂	♀	Tot.	NK	♂	♀	Tot.	NK	♂	♀	Tot.	♂	♀	Tot.
TONNAGE	NK													
9	-	-	-	16	-	-	16	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	33	-	-	33	-	-	-
11	-	-	-	-	-	-	-	24	-	-	24	-	-	-
12	-	-	-	79	-	-	79	38	-	-	38	-	-	-
13	-	-	-	79	-	-	79	68	10	2	80	-	-	-
14	-	-	-	32	-	-	32	27	28	28	83	3	2	5
15	-	3	3	-	16	16	32	6	31	26	63	4	10	14
16	-	3	3	-	32	63	95	2	54	50	106	18	11	29
17	-	-	-	-	-	16	16	-	71	56	127	25	17	42
18	-	3	3	-	-	32	32	-	57	59	116	57	24	81
19	3	6	9	-	16	16	32	-	35	31	66	50	73	123
20	-	6	6	-	16	-	16	-	35	40	75	73	47	120
21	12	-	12	-	48	31	79	-	35	31	66	25	34	59
22	46	9	55	-	16	-	16	-	26	21	47	18	32	50
23	88	25	113	-	48	31	79	-	12	21	33	36	31	67
24	180	52	232	-	32	-	32	-	9	10	19	62	34	96
25	107	107	214	-	-	32	32	-	3	9	12	47	29	76
26	28	130	158	-	-	32	32	-	-	3	3	17	20	37
27	12	104	116	-	-	16	16	-	-	5	5	8	25	33
28	6	58	64	-	-	-	-	-	-	-	-	17	3	20
29	-	9	9	-	-	16	16	-	-	2	2	4	16	20
30	-	3	3	-	63	-	63	-	-	-	-	6	10	16
31	-	-	-	-	16	-	16	-	-	-	-	8	11	19
32	-	-	-	-	110	16	126	-	-	2	2	6	5	11
33	-	-	-	-	32	-	32	-	-	-	-	3	1	4
34	-	-	-	-	-	-	-	-	-	-	-	-	8	8
35	-	-	-	-	-	-	-	-	-	-	-	1	8	9
36	-	-	-	-	-	16	16	-	-	-	-	-	11	11
37	-	-	-	-	-	16	16	-	-	-	-	-	14	14
38	-	-	-	-	-	-	-	-	-	-	-	-	14	14
39	-	-	-	-	-	-	-	-	-	-	-	-	14	14
40	-	-	-	-	-	-	-	-	-	-	-	-	3	3
41	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	-	-	-	-	-	-	-	-	-	-	-	-	3	3
43	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	-	-	-	-	-	-	-	-	-	-	-	-	2	2
TOTAL 0/00	482	518	1000	206	445	349	1000	198	406	396	1000	488	512	1000
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	1	-	-	-	3	-	-	-	2	-	-	2
NUMBER OF FISH MEASURED	-	-	328	-	-	-	63	-	-	424	-	-	-	643
MEAN LENGTH (CM)	23.8	25.6	24.8	12.5	26.0	22.8	22.1	12.3	18.1	18.7	17.2	21.9	24.98	23.2
MEAN WEIGHT (KG)	-	-	0.244	-	-	-	-	-	-	-	0.098	-	-	0.174
TOT. WT. LANDED (TONS)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MESH SIZE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RANGE OF DEPTHS (FM)	-	137-141	-	-	-	66-104	-	-	-	109-164	-	-	164-219	-

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 80 LENGTH FREQUENCIES - REDFISH¹⁾ - 4X - 1962 (FREQUENCIES IN %/00 - 1 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)											
CATCHES/LANDINGS	LANDINGS											
MONTHS	JANUARY			FEBRUARY			MARCH			APRIL		
COUNTRY	UNITED STATES											
SPECIES OR TYPE												
SEX	♂	♀	Tot.	♂	♀	Tot.	♂	♀	Tot.	♂	♀	Tot.
TONNAGE	51-377											
16	-	-	-	-	-	-	-	-	-	5	-	5
17	-	-	-	10	-	10	10	2	12	5	-	5
18	10	-	10	23	2	25	38	16	54	-	10	10
19	-	-	-	43	8	51	48	18	66	5	10	15
20	20	20	40	50	18	68	76	34	110	15	5	20
21	20	-	20	72	30	102	84	28	112	55	25	80
22	20	20	40	58	57	115	100	52	152	65	30	95
23	50	30	80	100	60	160	78	42	120	95	30	125
24	80	20	100	75	87	162	84	70	154	70	20	90
25	60	30	90	45	67	112	36	50	86	65	65	130
26	100	80	180	8	47	55	6	34	40	65	40	105
27	100	70	170	3	60	63	2	34	36	15	70	85
28	10	40	50	5	30	35	-	28	28	10	50	60
29	30	60	90	-	25	25	-	16	16	-	95	95
30	-	10	10	-	12	12	-	4	4	-	50	50
31	10	70	80	-	2	2	-	6	6	-	10	10
32	-	10	10	-	3	3	-	4	4	-	15	15
33	-	10	10	-	-	-	-	-	-	-	5	5
34	-	10	10	-	-	-	-	-	-	-	-	-
35	-	10	10	-	-	-	-	-	-	-	-	-
TOTAL %/00	510	490	1000	492	508	1000	562	438	1000	470	530	1000
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	1	-	-	6	-	-	5	-	-	2
NUMBER OF FISH MEASURED	51	49	100	296	304	600	281	219	500	94	106	200
MEAN LENGTH (CM)	25.04	27.35	26.17	22.04	24.61	23.34	21.65	23.87	22.63	23.43	26.96	25.00
MEAN WEIGHT (KG)	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL WEIGHT LANDED (TONS)	-	-	168	-	-	1103	-	-	1353	-	-	788
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-	-	-	-
MESH SIZE (INCHES)	-	-	2.5	-	-	2.5	-	-	2.5	-	-	2.5
RANGE OF DEPTHS (FM)	-	-	61-150	-	-	61-150	-	-	61-150	-	-	61-150

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 80
(CONT'D)LENGTH FREQUENCIES - REDFISH¹⁾ - 4X - 1962

(FREQUENCIES IN %/00 - 1 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)											
CATCHES/LANDINGS	LANDINGS											
MONTHS	MAY			JUNE			JULY			AUGUST		
COUNTRY	UNITED STATES											
SPECIES OR TYPE												
SEX	00	99	TOT.	00	99	TOT.	00	99	TOT.	00	99	TOT.
TONNAGE	51-977											
16	-	-	-	-	-	-	-	-	-	5	-	5
17	2	2	4	5	-	5	7	-	7	10	-	10
18	7	3	10	10	5	15	20	3	23	30	-	30
19	7	6	13	20	10	30	10	3	13	60	20	80
20	14	11	25	5	15	20	27	13	40	75	40	115
21	22	17	39	20	55	75	47	40	87	75	70	145
22	35	22	57	50	55	105	69	50	119	100	35	135
23	54	28	82	50	50	100	80	73	153	80	80	160
24	54	18	72	70	75	145	58	60	118	30	40	70
25	54	24	78	60	85	145	69	40	109	20	40	60
26	65	35	100	50	80	130	59	37	96	15	25	40
27	46	33	79	45	60	105	30	50	80	15	15	30
28	60	30	90	-	65	65	7	37	44	-	30	30
29	41	29	70	-	40	40	3	40	43	-	10	10
30	31	45	76	-	15	15	-	30	30	-	10	10
31	6	41	47	-	5	5	-	20	20	-	25	25
32	3	60	63	-	-	-	-	3	3	-	15	15
33	2	44	46	-	-	-	-	3	3	-	5	5
34	-	21	21	-	-	-	-	10	10	-	10	10
35	-	15	15	-	-	-	-	3	3	-	10	10
36	-	6	6	-	-	-	-	13	13	-	-	-
37	-	2	2	-	-	-	-	-	-	-	-	-
38	-	4	4	-	-	-	-	3	3	-	5	5
39	-	-	-	-	-	-	-	-	-	-	-	-
40	-	1	1	-	-	-	-	-	-	-	-	-
TOTAL %/00	503	497	1000	385	615	1000	468	531	999	515	485	1000
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	10	-	-	2	-	-	3	-	-	2
NUMBER OF FISH MEASURED	503	497	1000	77	123	200	140	160	300	103	97	200
MEAN LENGTH (CM)	25.39	28.44	26.91	23.66	24.89	24.41	23.20	25.76	24.56	21.48	24.75	23.06
MEAN WEIGHT (KG)	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL WEIGHT LANDED (TONS)	-	-	3139	-	-	2138	-	-	1151	-	-	1024
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-	-	-	-
MESH SIZE (INCHES)	-	-	2.5	-	-	2.5	-	-	2.5	-	-	2.5
RANGE OF DEPTHS (FM)	-	-	78-150	-	-	61-100	-	-	61-150	-	-	61-150

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 80
(CONT'D)LENGTH FREQUENCIES - REDFISH¹⁾ - 4X - 1962

(FREQUENCIES IN 0/00 - 1 CM GROUPS)

GEAR	OTTER TRAWL												
	(COMMERCIAL)									(RESEARCH)			
CATCHES/LANDINGS	LANDINGS									CATCHES			
MONTHS	SEPTEMBER			OCTOBER			NOVEMBER			JULY-AUGUST			
COUNTRY	UNITED STATES									POLAND			
SPECIES OR TYPE										"MENTELLA"			
SEX	♂	♀	TOT.	♂	♀	TOT.	♂	♀	TOT.	NK	♂	♀	TOT.
TONNAGE	51-377												
8	-	-	-	-	-	-	-	-	-	14	-	-	14
9	-	-	-	-	-	-	-	-	-	41	-	-	41
10	-	-	-	-	-	-	-	-	-	41	-	-	41
11	-	-	-	-	-	-	-	-	-	69	-	-	69
12	-	-	-	-	-	-	-	10	10	164	-	-	164
13	-	-	-	-	-	-	-	10	10	-	55	55	110
14	-	-	-	-	-	-	-	20	20	-	27	27	54
15	-	-	-	5	-	5	-	20	20	-	27	28	55
16	3	3	6	10	5	15	-	20	20	-	28	27	55
17	-	-	-	15	-	15	-	20	20	-	27	-	27
18	7	-	7	25	25	50	-	10	10	-	27	28	55
19	23	-	23	30	35	65	-	50	50	-	55	41	96
20	17	10	27	85	40	125	-	60	60	-	14	27	41
21	60	20	80	85	60	145	-	110	110	-	27	41	68
22	30	20	50	35	20	55	-	80	80	-	-	27	27
23	88	47	135	40	45	85	-	100	100	-	14	14	28
24	80	60	140	10	30	40	-	60	60	-	-	27	27
25	27	57	84	15	45	60	-	60	60	-	-	-	-
26	23	67	90	20	25	45	-	50	50	-	-	14	14
27	17	83	100	25	50	75	-	10	10	-	14	-	14
28	23	50	73	15	40	55	20	-	20	-	-	-	-
29	3	60	63	10	20	30	20	-	20	-	-	-	-
30	7	33	40	-	20	20	20	-	20	-	-	-	-
31	-	27	27	-	10	10	40	-	40	-	-	-	-
32	-	17	17	-	15	15	80	-	80	-	-	-	-
33	-	10	10	-	30	30	70	-	70	-	-	-	-
34	-	7	7	-	5	5	40	-	40	-	-	-	-
35	-	17	17	-	40	40	-	-	-	-	-	-	-
36	-	3	3	-	10	10	20	-	20	-	-	-	-
37	-	-	-	-	-	-	-	-	-	-	-	-	-
38	-	-	-	-	-	-	-	-	-	-	-	-	-
39	-	-	-	-	5	5	-	-	-	-	-	-	-
TOTAL 0/00	408	591	999	425	575	1000	310	690	1000	329	315	356	1000
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	3	-	-	2	-	-	1	-	-	-	3
NUMBER OF FISH MEASURED	122	178	300	85	115	200	31	69	100	-	-	-	73
MEAN LENGTH (CM)	23.25	26.77	25.33	21.66	25.70	23.98	32.03	21.30	24.63	-	-	-	15.6
MEAN WEIGHT (KG)	-	-	-	-	-	-	-	-	-	-	-	-	0.084
TOT. WT. LANDED (TONS)	-	-	748	-	-	523	-	-	266	-	-	-	-
ESTIMATED NO. LANDED	-	-	-	-	-	-	-	-	-	-	-	-	-
MESH SIZE (INCHES)	-	-	2.5	-	-	2.5	-	-	2.5	-	-	-	-
RANGE OF DEPTHS (FM)	-	-	61-150	-	-	61-200	-	-	61-150	-	-	-	55-95

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 81

LENGTH FREQUENCIES - REDFISH¹⁾ - 5Y - 1962

(FREQUENCIES IN 0/00 - 1 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)											
CATCHES/LANDINGS	LANDINGS											
MONTHS	JANUARY			FEBRUARY			MARCH			APRIL		
COUNTRY	UNITED STATES											
SPECIES OR TYPE												
SEX	00	99	Tot.	00	99	Tot.	00	99	Tot.	00	99	Tot.
TONNAGE	25-377											
11	-	-	-	-	-	-	-	-	-	2	-	2
12	3	-	3	-	-	-	-	-	-	2	-	2
13	2	2	4	5	-	5	-	-	-	6	-	6
14	3	-	3	5	-	5	-	-	-	10	-	10
15	10	8	18	10	5	15	1	-	1	18	8	26
16	20	12	32	15	5	20	8	-	8	36	8	44
17	18	32	50	50	40	90	5	4	9	48	42	90
18	25	20	45	95	45	140	18	8	26	56	44	100
19	23	22	45	70	50	120	19	18	37	72	54	126
20	27	18	45	75	25	100	40	25	65	80	64	144
21	43	27	70	75	35	110	42	34	76	46	46	92
22	47	30	77	30	60	90	35	24	59	40	28	68
23	55	18	73	65	25	90	41	34	75	16	20	36
24	67	40	107	25	35	60	42	32	74	10	12	22
25	53	48	101	40	35	75	30	25	55	2	12	14
26	25	45	70	5	20	25	28	30	58	2	6	8
27	20	25	45	5	5	10	22	28	50	6	4	10
28	28	27	55	-	20	20	25	9	34	6	-	6
29	37	18	55	-	5	5	39	14	53	24	-	24
30	15	12	27	5	5	10	50	16	66	18	6	24
31	7	8	15	-	5	5	35	11	46	20	10	30
32	2	10	12	-	5	5	10	22	32	12	18	30
33	-	8	8	-	-	-	4	26	30	-	12	12
34	3	15	18	-	-	-	5	35	40	-	14	14
35	-	7	7	-	-	-	-	39	39	-	16	16
36	-	12	12	-	-	-	-	26	26	-	14	14
37	-	-	-	-	-	-	-	22	22	-	14	14
38	-	3	3	-	-	-	-	12	12	-	6	6
39	-	-	-	-	-	-	-	2	2	-	6	6
40	-	-	-	-	-	-	-	4	4	-	2	2
41	-	-	-	-	-	-	-	1	1	-	2	2
TOTAL 0/00	539	467	1000	575	425	1000	499	501	1000	532	468	1000
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	6	-	-	2	-	-	8	-	-	5
NUMBER OF FISH MEASURED	320	280	600	115	85	200	399	401	800	266	234	500
MEAN LENGTH (CM)	23.12	24.49	23.76	20.28	21.80	20.92	24.90	28.12	26.51	20.73	23.71	22.13
MEAN WEIGHT (KG)	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL WEIGHT LANDED (TONS)	-	-	555	-	-	414	-	-	1415	-	-	708
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-	-	-	-
MESH SIZE (INCHES)	-	-	2.5	-	-	2.5	-	-	2.5	-	-	2.5
RANGE OF DEPTHS (FM)	-	-	50-100	-	-	50-150	-	-	50-150	-	-	60-150

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 81
(CONT'D)LENGTH FREQUENCIES - REDFISH¹⁾ - 5Y - 1962(FREQUENCIES IN ⁰/100 - 1 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)											
CATCHES/LANDINGS	LANDINGS											
MONTHS	MAY			JUNE			JULY			AUGUST		
COUNTRY	UNITED STATES											
SPECIES OR TYPE												
SEX	♂	♀	TOT.	♂	♀	TOT.	♂	♀	TOT.	♂	♀	TOT.
TONNAGE	25-377											
12	4	-	4	-	-	-	-	-	-	-	-	-
13	2	-	2	-	-	-	-	-	-	-	-	-
14	1	1	2	-	-	-	-	-	-	-	-	-
15	6	2	8	-	-	-	-	-	-	-	-	-
16	9	3	12	-	-	-	3	-	3	1	-	1
17	10	3	13	1	-	1	-	3	3	1	-	1
18	24	21	45	4	1	5	10	3	13	1	1	2
19	31	19	50	9	6	15	17	7	24	2	2	4
20	36	28	64	21	14	35	33	23	56	14	8	22
21	59	31	90	34	22	56	33	30	63	14	12	26
22	42	44	86	28	22	50	50	27	77	28	20	48
23	53	43	96	59	30	89	84	40	124	41	24	65
24	46	41	87	69	41	110	84	58	142	59	26	85
25	48	44	92	64	42	106	73	70	143	69	31	100
26	46	32	78	56	44	100	33	60	93	61	50	111
27	24	38	62	24	40	64	23	67	90	48	39	87
28	27	28	55	32	25	57	10	43	53	44	53	97
29	24	23	47	26	29	55	3	13	16	41	37	78
30	9	26	35	20	24	44	-	33	33	38	49	87
31	8	11	19	20	36	56	3	17	20	14	24	38
32	1	18	19	9	20	29	3	10	13	1	33	34
33	-	9	9	5	30	35	-	7	7	3	39	42
34	-	13	13	2	25	27	-	10	10	-	14	14
35	-	9	9	-	18	18	-	3	3	-	28	28
36	-	2	2	-	20	20	-	10	10	-	16	16
37	-	-	-	-	12	12	-	3	3	-	8	8
38	-	-	-	-	6	6	-	-	-	-	4	4
39	-	-	-	-	6	6	-	-	-	-	1	1
40	-	-	-	-	-	-	-	-	-	-	-	-
41	-	-	-	-	2	2	-	-	-	-	-	-
TOTAL ⁰ /100	510	489	999	483	515	998	462	537	999	480	519	999
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	9	-	-	8	-	-	3	-	-	9
NUMBER OF FISH MEASURED	458	442	900	386	414	800	139	161	300	433	467	900
MEAN LENGTH (CM)	23.07	25.08	24.06	25.09	28.16	26.66	23.40	25.92	24.75	25.77	28.60	27.24
MEAN WEIGHT (KG)	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL WEIGHT LANDED (TONS)	-	-	1825	-	-	1285	-	-	789	-	-	1149
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-	-	-	-
MESH SIZE (INCHES)	-	-	2.5	-	-	2.5	-	-	2.5	-	-	2.5
RANGE OF DEPTHS (FM)	-	-	50-150	-	-	50-150	-	-	50-150	-	-	40-150

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 81
(CONT'D)LENGTH FREQUENCIES - REDFISH¹⁾ - 5Y - 1962

(FREQUENCIES IN 0/00 - 1 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)											
CATCHES/LANDINGS	LANDINGS											
MONTHS	SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER		
COUNTRY	UNITED STATES											
SPECIES OR TYPE												
SEX	00	90	Tot.	00	90	Tot.	00	90	Tot.	00	90	Tot.
TONNAGE	25-377											
12	-	-	-	-	-	-	2	-	2	-	-	-
13	-	-	-	-	-	-	10	4	14	-	-	-
14	-	-	-	-	-	-	14	8	22	30	-	30
15	-	-	-	-	-	-	18	20	38	60	-	60
16	-	-	-	-	-	-	66	28	94	20	50	70
17	-	-	-	-	-	-	40	36	76	150	80	230
18	-	-	-	-	-	-	40	64	104	120	70	190
19	3	3	6	-	-	-	40	42	82	90	70	160
20	17	3	20	10	-	10	32	36	68	40	20	60
21	20	7	27	-	10	10	16	18	34	10	20	30
22	23	23	46	10	-	10	12	6	18	40	30	70
23	20	23	43	-	20	20	10	8	18	40	10	50
24	27	37	64	60	40	100	28	8	36	-	10	10
25	27	40	67	50	50	100	10	4	14	10	10	20
26	33	47	80	10	10	20	8	16	24	-	10	10
27	47	30	77	20	10	30	24	20	44	-	-	-
28	30	27	57	50	60	110	18	10	28	-	-	-
29	79	20	99	50	60	110	10	12	22	-	-	-
30	50	40	90	40	50	90	16	14	30	-	-	-
31	30	47	77	40	90	130	2	14	16	-	10	10
32	27	50	77	-	90	90	8	14	22	-	-	-
33	23	53	76	-	30	30	12	28	40	-	-	-
34	-	43	43	-	50	50	18	16	34	-	-	-
35	-	37	37	-	50	50	4	10	14	-	-	-
36	-	7	7	-	20	20	-	14	14	-	-	-
37	-	3	3	-	-	-	-	28	28	-	-	-
38	-	10	10	-	20	20	-	20	20	-	-	-
39	-	-	-	-	-	-	-	18	18	-	-	-
40	-	-	-	-	-	-	-	10	10	-	-	-
41	-	-	-	-	-	-	-	16	16	-	-	-
TOTAL 0/00	450	550	1000	340	660	1000	458	542	1000	610	390	1000
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	3	-	-	1	-	-	5	-	-	1
NUMBER OF FISH MEASURED	135	165	300	34	66	100	229	271	500	61	39	100
MEAN LENGTH (CM)	27.21	29.20	28.30	27.06	30.18	29.12	21.45	25.72	23.77	18.23	19.28	18.64
MEAN WEIGHT (KG)	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL WEIGHT LANDED (TONS)	-	-	791	-	-	448	-	-	404	-	-	335
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-	-	-	-
MESH SIZE (INCHES)	-	-	2.5	-	-	2.5	-	-	2.5	-	-	2.5
RANGE OF DEPTHS (FM)	-	-	40-150	-	-	60-150	-	-	35-150	-	-	50-150

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 82

LENGTH FREQUENCIES - REDFISH¹⁾ - 5Z - 1962

(FREQUENCIES IN 0/00 - 1 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)											
CATCHES/LANDINGS	LANDINGS											
MONTHS	JANUARY			MARCH			APRIL			MAY		
COUNTRY	UNITED STATES											
SPECIES OR TYPE												
SEX	♂	♀	TOT.	♂	♀	TOT.	♂	♀	TOT.	♂	♀	TOT.
TONNAGE	25-377											
16	-	-	-	5	-	5	-	-	-	-	10	10
17	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	5	5	-	-	-	-	-	-
19	-	-	-	5	-	5	20	-	20	-	-	-
20	-	-	-	25	15	40	50	10	60	30	-	30
21	-	-	-	-	15	15	10	30	40	20	30	50
22	-	-	-	20	10	30	60	30	90	-	30	30
23	-	-	-	10	15	25	70	30	100	30	50	80
24	10	-	10	35	30	65	100	30	130	50	40	90
25	-	-	-	70	20	90	60	40	100	20	20	40
26	-	-	-	55	30	85	20	20	40	20	70	90
27	-	-	-	50	80	130	50	10	60	50	20	70
28	10	-	10	20	35	55	30	30	60	30	50	80
29	10	10	20	35	65	100	40	30	70	60	30	90
30	-	20	20	30	25	55	40	20	60	50	30	80
31	40	10	50	30	55	85	20	50	70	10	40	50
32	30	30	60	10	30	40	-	30	30	10	30	40
33	-	50	50	5	35	40	-	20	20	-	30	30
34	40	40	80	-	50	50	-	10	10	-	60	60
35	20	60	80	-	40	40	-	10	10	-	30	30
36	40	70	110	-	20	20	-	20	20	-	20	20
37	20	50	70	-	10	10	-	10	10	-	20	20
38	10	20	30	-	5	5	-	-	-	-	10	10
39	-	120	120	-	5	5	-	-	-	-	-	-
40	-	70	70	-	-	-	-	-	-	-	-	-
41	-	50	50	-	-	-	-	-	-	-	-	-
42	-	90	90	-	-	-	-	-	-	-	-	-
43	-	60	60	-	-	-	-	-	-	-	-	-
44	-	10	10	-	-	-	-	-	-	-	-	-
45	-	10	10	-	-	-	-	-	-	-	-	-
TOTAL 0/00	290	770	1000	405	595	1000	570	430	1000	380	620	1000
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	1	-	-	2	-	-	1	-	-	1
NUMBER OF FISH MEASURED	29	77	100	81	119	200	57	43	100	38	62	100
MEAN LENGTH (CM)	27.17	31.90	30.81	26.18	29.31	28.04	24.75	27.79	26.06	26.29	28.56	27.70
MEAN WEIGHT (KG)	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL WEIGHT LANDED(TONS)	-	-	101	-	-	274	-	-	136	-	-	637
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-	-	-	-
MESH SIZE (INCHES)	-	-	2.5	-	-	2.5	-	-	2.5	-	-	2.5
RANGE OF DEPTHS (FM)	-	-	61-150	-	-	61-150	-	-	61-150	-	-	61-150

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 82
(CONT'D)LENGTH FREQUENCIES - REDFISH¹⁾ - 52 - 1962

(FREQUENCIES IN 0/00 - 1 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)								
CATCHES/LANDINGS	LANDINGS								
MONTHS	JUNE			AUGUST			SEPTEMBER		
COUNTRY	UNITED STATES								
SPECIES OR TYPE									
SEX	06	99	TOT.	06	99	TOT.	06	99	TOT.
TONNAGE	25-377								
18	10	-	10	-	-	-	-	-	-
19	15	-	15	-	-	-	-	-	-
20	30	20	50	-	-	-	20	-	20
21	25	20	45	10	-	10	15	10	25
22	30	-	30	-	-	-	10	15	25
23	25	35	60	-	-	-	10	10	20
24	65	25	90	-	-	-	95	25	120
25	50	25	75	40	10	50	75	15	90
26	65	20	85	70	80	150	65	35	100
27	30	45	75	80	70	150	70	50	120
28	70	30	100	20	60	80	55	40	95
29	45	25	70	70	40	110	40	70	110
30	75	25	100	20	90	110	35	30	65
31	30	10	40	40	30	70	10	25	35
32	10	35	45	-	60	60	30	40	70
33	-	20	20	-	40	40	-	25	25
34	-	15	15	-	60	60	-	30	30
35	-	30	30	-	50	50	-	30	30
36	-	10	10	-	40	40	-	15	15
37	-	20	20	-	20	20	-	5	5
38	-	10	10	-	-	-	-	-	-
39	-	-	-	-	-	-	-	-	-
40	-	5	5	-	-	-	-	-	-
TOTAL 0/00	575	425	1000	350	650	1000	530	470	1000
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	2	-	-	1	-	-	2
NUMBER OF FISH MEASURED	115	85	200	35	65	100	106	94	200
MEAN LENGTH (CM)	25.91	28.78	27.13	27.49	30.62	29.52	26.26	29.21	27.65
MEAN WEIGHT (KG)	-	-	-	-	-	-	-	-	-
TOTAL WEIGHT LANDED (TONS)	-	-	266	-	-	244	-	-	216
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-
MESH SIZE (INCHES)	-	-	2.5	-	-	2.5	-	-	2.5
RANGE OF DEPTHS (FM)	-	-	61-150	-	-	61-150	-	-	61-150

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 82
(CONT'D)LENGTH FREQUENCIES - REDFISH¹⁾ - 52 - 1962

(FREQUENCIES IN ‰ - 1 CM GROUPS)

GEAR	OTTER TRAWL (RESEARCH)						
CATCHES/LANDINGS	CATCHES						
MONTHS	JULY-AUGUST						
COUNTRY	POLAND						
SPECIES OR TYPE	"MENTELLA"						
SEX	NK	♂	♀	TOT.	♂	♀	TOT.
TONNAGE	NK						
11	8	-	-	8	-	-	-
12	4	-	-	4	-	-	-
13	10	-	-	10	-	-	-
14	8	-	-	8	-	-	-
15	10	4	-	14	-	-	-
16	-	4	10	14	-	4	4
17	-	4	-	4	4	-	4
18	-	4	6	10	-	4	4
19	-	6	3	10	11	4	15
20	-	10	-	10	15	7	22
21	-	10	15	25	15	15	30
22	-	29	22	51	4	14	18
23	-	22	7	29	18	7	25
24	-	38	6	44	37	7	44
25	-	25	10	35	47	22	69
26	-	44	7	51	62	22	84
27	-	36	10	46	22	15	37
28	-	40	18	58	25	26	51
29	-	36	22	58	29	33	62
30	-	47	33	80	14	30	44
31	-	65	30	95	26	33	59
32	-	55	30	84	26	33	59
33	-	22	50	72	21	37	58
34	-	7	22	29	7	26	33
35	-	4	33	37	4	26	30
36	-	4	29	33	-	30	30
37	-	-	27	27	4	40	44
38	-	-	15	15	-	52	52
39	-	-	29	29	4	27	31
40	-	-	7	7	-	59	59
41	-	-	3	3	-	18	18
42	-	-	-	-	3	4	7
43	-	-	-	-	-	-	-
44	-	-	-	-	-	7	7
TOTAL ‰	40	516	444	1000	398	602	1000
SERIAL NUMBERS	-	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	-	2	-	-	3
NUMBER OF FISH MEASURED	-	-	-	275	-	-	274
MEAN LENGTH (CM)	13.3	27.5	31.0	28.5	27.1	32.8	30.5
MEAN WEIGHT (KG)	-	-	-	0.425	-	-	0.568
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-
MESH SIZE	-	-	-	-	-	-	-
RANGE OF DEPTHS (FM)	-	-	-	55-82	-	-	83-137

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 83

AGE FREQUENCIES - REDFISH¹⁾ - IC - 1962

(FREQUENCIES IN ‰)

GEAR		OTTER TRAWL (NK)					
CATCHES/LANDINGS		NK					
MONTH		MAY					
COUNTRY		U. S. S. R.					
SPECIES OR TYPE		"MARINUS"					
TONNAGE		1800					
YEAR-CLASS	AGE	‰ FREQUENCY			MEAN LENGTH		
		00	00	TOT.	00	00	TOT.
1957	5	10	-	10	22.5	-	22.5
1956	6	15	-	15	21.3	-	21.3
1955	7	5	15	20	23.0	26.0	25.2
1954	8	15	25	40	28.3	29.2	28.9
1953	9	20	54	74	30.0	31.6	31.1
1952	10	103	69	172	30.4	31.7	30.9
1951	11	122	118	240	32.7	32.6	32.6
1950	12	69	132	201	34.7	33.8	34.1
1949	13	10	39	49	37.0	35.1	35.5
1948	14	29	29	58	36.5	35.7	36.1
1947	15	29	29	58	37.2	38.2	37.5
1946	16	10	20	30	36.0	37.5	36.7
1945	17	5	5	10	38.0	38.0	38.0
1944	18	-	20	20	-	40.0	40.0
1943	19	-	-	-	-	-	-
1942	20	5	-	5	40.0	-	40.0
TOTAL ‰		447	555	1002			
SERIAL NUMBERS		-	-	-			
NUMBER OF SAMPLES		-	-	1			
NUMBER OF FISH AGED		91	113	204			
MEAN AGE		11.2	11.7	11.4			
MEAN WEIGHT (KG)		0.53	0.58	0.56			
TOTAL WEIGHT LANDED (TONS)		-	-	-			
ESTIMATED NUMBER LANDED		-	-	-			
MESH SIZE		-	-	-			
RANGE OF DEPTHS (FM)		-	-	107-130			

- 1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 84

AGE FREQUENCIES - REDFISH¹⁾ - IE - 1962

(FREQUENCIES IN %/00)

GEAR		OTTER TRAWL (NK)					
CATCHES/LANDINGS		NK					
MONTH		APRIL					
COUNTRY		U. S. S. R.					
SPECIES OR TYPE		"MARINUS"					
TONNAGE		1800					
YEAR-CLASS	AGE	% / 00 FREQUENCY			MEAN LENGTH		
		%	%	TOT.	%	%	TOT.
1952	10	-	4	4	-	-	-
1951	11	-	4	4	-	-	-
1950	12	-	4	4	-	-	-
1949	13	-	11	11	-	33.0	33.0
1948	14	11	-	11	37.0	-	37.0
1947	15	14	-	14	36.8	-	36.8
1946	16	11	21	32	38.7	37.7	38.0
1945	17	11	46	57	39.3	39.9	39.8
1944	18	50	110	160	41.3	41.3	41.3
1943	19	100	100	200	41.5	42.1	41.8
1942	20	64	114	178	43.1	42.8	42.9
1941	21	32	46	78	43.2	44.4	43.9
1940	22	36	54	90	44.3	45.1	44.8
1939	23	11	21	32	46.0	46.5	46.3
1938	24	21	29	50	46.2	48.1	47.5
1937	25	7	7	14	49.0	49.0	49.0
1936	26	11	18	29	-	-	-
1935	27	7	4	11	-	-	-
1934	28	4	-	4	-	-	-
1933	29	-	7	7	-	-	-
1932	30	-	-	-	-	-	-
1931	31	-	4	4	-	-	-
1930	32	-	7	7	-	-	-
TOTAL %/00		390	611	1001			
SERIAL NUMBERS		-	-	-			
NUMBER OF SAMPLES		-	-	1			
NUMBER OF FISH AGED		109	171	280			
MEAN AGE		20.0	20.0	20.0			
MEAN WEIGHT (KG)		1.36	1.32	1.34			
TOTAL WEIGHT LANDED (TONS)		-	-	-			
ESTIMATED NUMBER LANDED		-	-	-			
MESH SIZE		-	-	-			
RANGE OF DEPTHS (FM)		-	-	190-212			

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 85

AGE FREQUENCIES - REDFISH¹⁾ - 2H - 1962

(FREQUENCIES IN ‰)

GEAR		OTTER TRAWL (NK)											
CATCHES/LANDINGS		NK											
MONTH		MAY					JULY						
COUNTRY		U. S. S. R.											
SPECIES OR TYPE		"MARINUS"											
TONNAGE		1800											
YEAR-CLASS	AGE	‰ FREQUENCY			MEAN LENGTH			‰ FREQUENCY			MEAN LENGTH		
		00	99	TOT.	00	99	TOT.	00	99	TOT.	00	99	TOT.
1956	6	4	-	4	-	-	-	-	-	-	-	-	-
1955	7	-	-	-	-	-	-	-	-	-	-	-	-
1954	8	26	31	57	26.50	27.00	26.93	-	-	-	-	-	-
1953	9	39	48	87	28.22	28.63	28.45	-	-	-	-	-	-
1952	10	61	61	122	30.00	30.85	30.32	-	-	-	-	-	-
1951	11	61	65	126	32.00	32.87	32.00	7	7	14	33.50	32.00	32.75
1950	12	52	35	87	32.83	34.37	33.45	21	14	35	33.67	33.50	33.60
1949	13	39	4	43	34.44	-	34.70	21	18	39	34.67	36.00	35.27
1948	14	35	13	48	35.88	-	35.72	35	35	70	36.50	36.90	36.70
1947	15	30	22	52	37.00	-	37.33	53	35	88	37.40	37.70	37.52
1946	16	22	4	26	38.00	-	-	63	60	123	38.88	39.00	38.94
1945	17	17	13	30	38.00	-	38.71	70	63	133	40.60	40.67	40.63
1944	18	9	13	22	-	-	-	67	60	127	41.68	42.00	41.83
1943	19	26	13	39	39.50	-	39.78	56	91	147	42.06	42.77	42.50
1942	20	17	31	48	-	42.71	41.91	31	84	115	43.10	43.08	43.09
1941	21	35	17	52	-	-	42.50	21	35	56	44.50	44.30	44.37
1940	22	13	35	48	-	45.50	45.00	25	20	45	44.43	45.50	44.92
1939	23	17	31	48	45.00	47.00	46.27	-	4	4	-	47.00	47.00
1938	24	4	26	30	-	48.33	48.00	-	4	4	-	46.00	46.00
1937	25	-	22	22	-	-	-	-	-	-	-	-	-
1936	26	-	9	9	-	-	-	-	-	-	-	-	-
TOTAL ‰		507	493	1000				470	530	1000			
SERIAL NUMBERS		-	-	-				-	-	-			
NUMBER OF SAMPLES		-	-	1				-	-	1			
NUMBER OF FISH AGED		117	113	230				134	151	285			
MEAN AGE		13.97	15.45	14.70				16.95	17.70	17.34			
MEAN WEIGHT (KG)		0.67	0.94	0.80				1.01	1.12	1.07			
TOTAL WEIGHT LANDED (TONS)		-	-	-				-	-	-			
ESTIMATED NUMBER LANDED		-	-	-				-	-	-			
MESH SIZE		-	-	-				-	-	-			
RANGE OF DEPTHS (FM)		-	-205-235	-				-	-250-275	-			

- 1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 85
(CONT'D)AGE FREQUENCIES - REDFISH¹⁾ - 2H - 1962

(FREQUENCIES IN ‰)

GEAR		OTTER TRAWL (NK)						
CATCHES/LANDINGS		NK						
MONTH		SEPTEMBER						
COUNTRY		U. S. S. R.						
SPECIES OR TYPE		"MARINUS"						
TONNAGE		1800						
YEAR-CLASS	AGE	‰ FREQUENCY			MEAN LENGTH			
		00"	00	TOT.	00"	00	TOT.	
1952	10	10	10	20	-	-	30.89	
1951	11	-	7	7	-	-	-	
1950	12	21	17	38	33.84	34.40	34.09	
1949	13	52	17	69	35.87	35.40	35.75	
1948	14	64	42	106	36.83	36.75	36.80	
1947	15	64	64	128	37.28	38.22	37.75	
1946	16	102	38	140	38.72	39.45	38.92	
1945	17	31	21	52	40.33	39.84	40.13	
1944	18	45	50	95	40.70	41.00	40.85	
1943	19	45	50	95	41.30	41.85	41.59	
1942	20	39	50	89	42.64	42.86	42.76	
1941	21	17	38	55	43.00	43.82	43.56	
1940	22	24	38	62	-	44.73	44.72	
1939	23	10	17	27	45.67	45.00	45.25	
1938	24	-	17	17	-	47.60	47.60	
TOTAL ‰		524	476	1000				
SERIAL NUMBERS		-	-	-				
NUMBER OF SAMPLES		-	-	1				
NUMBER OF FISH AGED		150	136	286				
MEAN AGE		16.43	17.64	17.01				
MEAN WEIGHT (KG)		0.93	1.05	0.99				
TOTAL WEIGHT LANDED (TONS)		-	-	-				
ESTIMATED NUMBER LANDED		-	-	-				
MESH SIZE		-	-	-				
RANGE OF DEPTHS (FM)		-	-	165-310				

- 1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 86

AGE FREQUENCIES - REDFISH¹⁾ - 2J - 1962

(FREQUENCIES IN 0/00)

GEAR		OTTER TRAWL (NK)											
CATCHES/LANDINGS		NK											
MONTH		JANUARY						APRIL					
COUNTRY		U. S. S. R.											
SPECIES OR TYPE		"MARINUS" AND "MENTELLA"											
TONNAGE		1800											
YEAR-CLASS	AGE	0/00 FREQUENCY			MEAN LENGTH			0/00 FREQUENCY			MEAN LENGTH		
		00	00	TOT.	00	00	TOT.	00	00	TOT.	00	00	TOT.
1954	8	21	4	25	27.20	27.00	27.17	4	-	4	25.00	-	25.00
1953	9	25	25	50	28.67	28.00	28.50	-	12	12	-	28.33	28.33
1952	10	55	25	80	30.46	29.83	30.26	42	25	67	29.30	29.67	29.44
1951	11	68	17	85	32.13	32.50	32.20	25	17	42	-	30.50	30.90
1950	12	59	25	84	33.57	33.67	33.60	58	33	91	32.14	32.00	32.09
1949	13	38	-	38	34.55	-	34.55	157	21	178	33.76	33.60	33.74
1948	14	101	13	114	35.91	36.00	35.89	87	17	104	35.38	35.25	35.36
1947	15	68	13	81	37.00	37.00	37.05	149	25	174	36.47	37.33	36.62
1946	16	72	17	89	37.59	38.00	37.62	42	25	67	37.90	38.33	38.62
1945	17	25	8	33	38.33	-	38.62	25	8	33	39.00	40.00	39.25
1944	18	4	17	21	39.00	40.00	39.80	21	17	38	39.60	40.00	39.78
1943	19	8	4	12	-	41.00	40.00	21	12	33	40.20	41.00	40.50
1942	20	4	34	38	41.00	40.75	40.78	4	17	21	41.00	42.00	41.80
1941	21	-	68	68	-	-	42.75	-	8	8	-	42.50	-
1940	22	-	47	47	-	44.00	-	-	66	66	-	43.75	-
1939	23	-	63	63	-	46.47	-	-	42	42	-	45.00	-
1938	24	-	55	55	-	47.77	-	4	12	16	47.00	47.33	47.33
1937	25	-	17	17	-	50.00	-	-	4	4	-	48.00	-
TOTAL 0/00		548	452	1000				639	361	1000			
SERIAL NUMBERS		-	-	-				-	-	-			
NUMBER OF SAMPLES		-	-	1				-	-	1			
NUMBER OF FISH AGED		130	107	237				154	87	241			
MEAN AGE		13.16	18.77	15.70				14.03	17.22	16.19			
MEAN WEIGHT (KG)		0.86	1.35	1.05				0.58	0.95	0.71			
TOTAL WEIGHT LANDED (TONS)		-	-	-				-	-	-			
ESTIMATED NUMBER LANDED		-	-	-				-	-	-			
MESH SIZE		-	-	-				-	-	-			
RANGE OF DEPTHS (FM)		-	-	155-163				-	-	235-250			

- 1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 86
(CONT'D)AGE FREQUENCIES - REDFISH¹⁾ - 2J - 1962

(FREQUENCIES IN 0/00)

GEAR		OTTER TRAWL (NK)											
CATCHES/LANDINGS		NK											
MONTH		JULY						OCTOBER					
COUNTRY		U. S. S. R.											
SPECIES OR TYPE		"MARINUS" AND "MENTELLA"											
TONNAGE		1800											
YEAR-CLASS	AGE	0/00 FREQUENCY			MEAN LENGTH			0/00 FREQUENCY			MEAN LENGTH		
		00	00	TOT.	00	00	TOT.	00	00	TOT.	00	00	TOT.
1954	8	7	9	10	27.00	28.00	27.33	4	4	8	22.00	28.00	-
1953	9	10	-	10	28.00	-	28.00	17	8	25	29.25	-	28.83
1952	10	30	-	30	29.77	-	29.77	96	58	154	30.61	30.85	30.70
1951	11	61	17	78	31.67	32.60	31.87	118	96	214	31.96	31.74	31.86
1950	12	112	20	132	33.21	33.17	33.20	83	92	175	33.35	33.96	33.67
1949	13	108	17	125	34.24	34.40	34.27	71	42	113	35.00	35.10	35.04
1948	14	92	34	126	35.67	36.40	35.86	58	63	121	36.35	36.80	36.58
1947	15	44	54	98	36.54	37.69	37.17	54	42	96	37.54	38.10	37.78
1946	16	14	31	45	37.50	40.11	39.31	38	20	58	38.11	38.80	38.36
1945	17	34	47	81	38.20	40.57	39.58	8	8	16	39.50	40.00	39.75
1944	18	7	44	51	39.00	40.84	40.60	-	4	4	-	41.00	41.00
1943	19	-	58	58	-	42.12	42.12	-	-	-	-	-	-
1942	20	-	54	54	-	43.19	43.19	8	-	8	42.00	-	42.00
1941	21	-	37	37	-	44.36	44.36	8	-	8	43.50	-	43.50
1940	22	-	31	31	-	44.22	-	-	-	-	-	-	-
1939	23	-	7	7	-	46.00	-	-	-	-	-	-	-
1938	24	-	20	20	-	48.20	-	-	-	-	-	-	-
1937	25	-	-	-	-	-	-	-	-	-	-	-	-
1936	26	-	7	7	-	48.00	-	-	-	-	-	-	-
TOTAL 0/00		519	481	1000				563	437	1000			
SERIAL NUMBERS		-	-	-				-	-	-			
NUMBER OF SAMPLES		-	-	2				-	-	1			
NUMBER OF FISH AGED		153	142	295				135	105	240			
MEAN AGE		12.98	17.68	15.24				12.55	12.43	12.50			
MEAN WEIGHT (KG)		0.61	1.08	0.83				0.62	0.64	0.63			
TOTAL WEIGHT LANDED (TONS)		-	-	-				-	-	-			
ESTIMATED NUMBER LANDED		-	-	-				-	-	-			
MESH SIZE		-	-	-				-	-	-			
RANGE OF DEPTHS (FM)		-	-100-200	-				-	-150-200	-			

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 87

AGE FREQUENCIES - REDFISH¹⁾ - 3K - 1962

(FREQUENCIES IN ‰)

GEAR		OTTER TRAWL (COMMERCIAL)											
CATCHES/LANDINGS		CATCHES											
MONTH		MARCH						MAY					
COUNTRY		U. S. S. R.											
SPECIES OR TYPE		"MARINUS" AND "MENTELLA"											
TONNAGE		NK											
YEAR-CLASS	AGE	‰ FREQUENCY			MEAN LENGTH			‰ FREQUENCY			MEAN LENGTH		
		00	00	TOT.	00	00	TOT.	00	00	TOT.	00	00	TOT.
1953	9	6	6	12	28.0	29.0	28.6	-	-	-	-	-	-
1952	10	30	18	48	28.0	29.3	29.1	-	-	-	-	-	-
1951	11	73	43	116	30.3	31.6	30.8	30	-	30	31.0	-	31.0
1950	12	55	30	85	32.9	32.8	32.9	30	-	30	32.0	-	32.0
1949	13	48	12	60	34.5	34.0	34.4	106	10	116	33.3	32.0	33.2
1948	14	74	6	80	35.4	36.0	35.4	114	42	156	34.8	36.5	35.3
1947	15	147	-	147	36.7	-	36.7	200	10	210	35.4	37.0	35.5
1946	16	128	12	140	37.5	39.0	38.6	105	52	157	37.2	37.0	37.2
1945	17	24	12	36	38.8	38.5	38.8	32	31	63	36.7	39.0	37.8
1944	18	30	24	54	40.4	41.2	40.8	10	20	30	36.0	38.5	37.6
1943	19	6	18	24	40.0	42.0	41.8	-	-	-	-	-	-
1942	20	18	12	30	39.0	40.5	40.0	10	62	72	39.0	41.2	40.9
1941	21	-	54	54	-	44.4	44.4	-	52	52	-	41.8	41.8
1940	22	-	24	24	-	43.8	43.8	-	63	63	-	43.2	43.2
1939	23	-	36	36	-	45.8	45.8	-	21	21	-	43.0	43.0
1938	24	-	36	36	-	47.0	47.0	-	-	-	-	-	-
1937	25	-	18	18	-	48.0	48.0	-	-	-	-	-	-
TOTAL ‰		639	361	1000				637	363	1000			
SERIAL NUMBERS		-	-	-				-	-	-			
NUMBER OF SAMPLES		-	-	2				-	-	1			
NUMBER OF FISH AGED		105	60	165				65	31	96			
MEAN AGE		14.3	18.1	15.7				14.6	18.7	16.0			
MEAN WEIGHT (KG)		-	-	0.78				-	-	-			
TOTAL WEIGHT LANDED (TONS)		-	-	-				-	-	-			
ESTIMATED NUMBER LANDED		-	-	-				-	-	-			
MESH SIZE (MM)		-	-110-120	-				-	-110-120	-			
RANGE OF DEPTHS (FM)		-	-166-222	-				-	-173-220	-			

- 1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 87
(CONT'D)AGE FREQUENCIES - REDFISH¹⁾ - 3K - 1962

(FREQUENCIES IN ‰)

GEAR		OTTER TRAWL (NK)											
CATCHES/LANDINGS		NK											
MONTH		JANUARY						FEBRUARY					
COUNTRY		U. S. S. R.											
SPECIES OR TYPE		"MARINUS" AND "MENTELLA"											
TONNAGE		1800											
YEAR-CLASS	AGE	‰ FREQUENCY			MEAN LENGTH			‰ FREQUENCY			MEAN LENGTH		
		00	99	TOT.	00	99	TOT.	00	99	TOT.	00	99	TOT.
1957	5	12	-	12	22.00	-	22.00	-	-	-	-	-	-
1956	6	4	4	8	-	27.00	-	-	-	-	-	-	-
1955	7	8	8	16	-	-	25.25	-	-	-	-	-	-
1954	8	12	4	16	27.00	28.00	27.25	-	-	-	-	-	-
1953	9	4	4	8	-	29.00	-	-	-	-	-	-	-
1952	10	41	-	41	30.40	-	30.45	-	-	-	-	-	-
1951	11	25	12	37	33.00	32.00	32.67	11	4	15	33.33	32.00	33.00
1950	12	21	8	29	33.00	-	33.14	15	7	22	33.75	34.00	33.83
1949	13	45	4	49	34.64	35.00	34.67	59	11	70	34.94	34.67	34.90
1948	14	25	17	42	35.83	37.00	36.30	80	18	98	35.73	35.80	35.74
1947	15	33	4	37	37.00	38.00	37.11	69	26	95	36.32	36.86	36.46
1946	16	37	21	58	37.56	38.00	37.71	66	11	77	37.50	38.00	37.57
1945	17	25	21	46	39.00	39.20	39.00	22	11	33	37.83	38.67	38.11
1944	18	29	29	58	39.71	40.29	40.00	7	40	47	39.00	40.27	40.08
1943	19	50	37	87	40.92	40.56	40.76	4	62	66	39.00	40.70	40.61
1942	20	37	71	108	41.89	42.29	42.11	11	143	154	40.33	41.74	41.64
1941	21	21	62	83	43.60	43.33	43.40	-	165	165	-	42.76	42.75
1940	22	33	67	100	45.78	45.12	45.33	-	103	103	-	44.28	44.28
1939	23	50	37	87	47.17	47.33	47.24	-	48	48	-	45.46	45.46
1938	24	8	12	20	-	-	-	-	7	7	-	47.50	47.50
1937	25	21	8	29	48.40	-	49.14	-	-	-	-	-	-
1936	26	8	12	20	51.00	-	53.20	-	-	-	-	-	-
1935	27	-	4	4	-	54.00	54.00	-	-	-	-	-	-
1934	28	-	4	4	-	55.00	55.00	-	-	-	-	-	-
TOTAL ‰		549	450	999				344	656	1000			
SERIAL NUMBERS		-	-	-				-	-	-			
NUMBER OF SAMPLES		-	-	1				-	-	1			
NUMBER OF FISH AGED		133	109	242				94	179	273			
MEAN AGE		16.56	19.35	17.82				14.76	19.87	18.11			
MEAN WEIGHT (KG)		1.01	1.31	1.15				0.77	1.23	1.07			
TOTAL WEIGHT LANDED(TONS)		-	-	-				-	-	-			
ESTIMATED NUMBER LANDED		-	-	-				-	-	-			
MESH SIZE		-	-	-				-	-	-			
RANGE OF DEPTHS (FM)		-	-125-128	-				-	-200-300	-			

- 1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 87
(CONT'D)AGE FREQUENCIES - REDFISH¹⁾ - 3K - 1962

(FREQUENCIES IN ‰)

GEAR		OTTER TRAWL (NK)											
CATCHES/LANDINGS		NK											
MONTH		APRIL						JULY					
COUNTRY		U. S. S. R.											
SPECIES OR TYPE		"MARINUS" AND "MENTELLA"											
TONNAGE		1800											
YEAR-CLASS	AGE	‰ FREQUENCY			MEAN LENGTH			‰ FREQUENCY			MEAN LENGTH		
		00	00	TOT.	00	00	TOT.	00	00	TOT.	00	00	TOT.
1955	7	-	-	-	-	-	-	18	9	27	23.50	26.00	24.33
1954	8	-	-	-	-	-	-	18	9	27	26.25	-	26.17
1953	9	-	4	4	-	27.00	27.00	27	14	41	27.17	28.67	27.78
1952	10	42	15	57	30.55	31.00	30.67	14	23	37	29.67	30.80	30.37
1951	11	30	34	64	32.37	32.44	32.41	41	31	72	31.67	32.43	30.75
1950	12	60	38	98	33.94	34.20	34.05	23	31	54	31.60	33.86	32.92
1949	13	76	23	99	34.65	34.67	34.65	5	18	23	31.00	34.25	33.60
1948	14	95	23	118	35.96	36.17	36.00	23	36	59	35.40	36.62	36.15
1947	15	80	11	91	36.86	37.33	36.92	9	59	68	37.50	37.85	37.80
1946	16	53	15	68	37.71	38.25	37.83	5	91	96	37.00	38.90	38.81
1945	17	15	7	22	38.25	39.00	38.50	5	95	100	37.00	40.48	40.68
1944	18	26	30	56	38.70	39.62	39.20	-	82	82	-	41.22	41.24
1943	19	15	42	57	40.00	40.73	40.53	5	135	140	40.00	42.22	42.13
1942	20	-	42	42	-	42.09	42.09	-	64	64	-	42.71	42.71
1941	21	-	42	42	-	43.47	43.45	-	59	59	-	44.15	44.15
1940	22	4	83	87	42.00	45.14	45.00	-	18	18	-	45.25	45.25
1939	23	-	64	64	-	46.53	46.53	-	23	23	-	46.00	46.00
1938	24	-	23	23	-	48.67	48.67	-	5	5	-	48.00	48.00
1937	25	-	4	4	-	49.00	49.00	-	-	-	-	-	-
1936	26	-	4	4	-	50.00	50.00	-	5	5	-	50.00	50.00
TOTAL ‰		496	504	1000				193	807	1000			
SERIAL NUMBERS		-	-	-				-	-	-			
NUMBER OF SAMPLES		-	-	1				-	-	1			
NUMBER OF FISH AGED		131	133	264				42	178	220			
MEAN AGE		13.98	18.39	15.83				11.14	16.88	15.78			
MEAN WEIGHT (KG)		0.63	1.13	0.88				0.51	1.06	0.95			
TOTAL WEIGHT LANDED (TONS)		-	-	-				-	-	-			
ESTIMATED NUMBER LANDED		-	-	-				-	-	-			
MESH SIZE		-	-	-				-	-	-			
RANGE OF DEPTHS (FM)		-	-155-158	-				-	-	163			

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 87
(CONT'D)AGE FREQUENCIES - REDFISH¹⁾ - 3K - 1962

(FREQUENCIES IN 0/00)

GEAR		OTTER TRAWL (NK)					
CATCHES/LANDINGS		NK					
MONTH		NOVEMBER					
COUNTRY		U. S. S. R.					
SPECIES OR TYPE		"MARINUS" AND "MENTELLA"					
TONNAGE		1800					
YEAR-CLASS	AGE	0/00 FREQUENCY			MEAN LENGTH		
		00	00	TOT.	00	00	TOT.
1955	7	1	-	1	25.00	-	25.00
1954	8	4	3	7	27.00	27.00	27.00
1953	9	11	8	19	28.50	-	29.23
1952	10	27	27	54	30.95	31.16	31.05
1951	11	38	38	76	31.74	32.60	32.17
1950	12	54	41	95	33.50	34.10	33.76
1949	13	39	34	73	35.11	35.33	35.21
1948	14	50	52	102	36.08	36.57	36.33
1947	15	32	44	76	37.13	37.97	37.61
1946	16	34	45	79	38.37	38.97	38.82
1945	17	31	52	83	39.36	40.40	40.02
1944	18	10	63	73	40.29	41.11	41.00
1943	19	7	65	72	41.60	42.74	42.63
1942	20	19	66	85	42.00	43.06	42.83
1941	21	3	51	54	42.50	43.77	43.71
1940	22	1	28	29	45.00	44.90	44.90
1939	23	1	15	16	45.00	46.82	46.66
1938	24	-	6	6	-	48.75	48.75
TOTAL 0/00		362	638	1000			
SERIAL NUMBERS		-	-	-			
NUMBER OF SAMPLES		-	-	1			
NUMBER OF FISH AGED		257	453	710			
MEAN AGE		13.90	16.58	15.61			
MEAN WEIGHT (KG)		0.74	1.05	0.94			
TOTAL WEIGHT LANDED (TONS)		-	-	-			
ESTIMATED NUMBER LANDED		-	-	-			
MESH SIZE		-	-	-			
RANGE OF DEPTHS (FM)		-	-	150-300			

- 1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 88

AGE FREQUENCIES - REDFISH¹⁾ - 3L - 1962

(FREQUENCIES IN ‰)

GEAR		OTTER TRAWL (RESEARCH)											
CATCHES/LANDINGS		CATCHES											
MONTH		APRIL						MAY					
COUNTRY		U. S. S. R.											
SPECIES OR TYPE		"MARINUS" AND "MENTELLA"											
TONNAGE		NK											
YEAR-CLASS	AGE	‰ FREQUENCY			MEAN LENGTH			‰ FREQUENCY			MEAN LENGTH		
		00	00	TOT.	00	00	TOT.	00	00	TOT.	00	00	TOT.
1952	10	-	3	3	-	30.0	30.0	-	4	4	-	29.0	29.0
1951	11	22	11	33	31.3	30.8	31.1	20	4	24	30.4	29.0	30.3
1950	12	30	6	36	32.3	31.0	32.0	35	4	39	32.2	29.0	31.9
1949	13	83	17	100	33.3	31.7	33.0	67	-	67	33.2	-	33.2
1948	14	103	32	135	34.5	34.0	34.2	134	-	134	34.9	-	34.9
1947	15	101	19	120	34.8	35.0	34.9	89	8	97	35.0	35.0	35.0
1946	16	84	22	106	35.9	36.5	36.0	156	8	164	36.0	34.5	35.7
1945	17	84	32	116	36.4	38.2	36.9	126	11	137	37.3	37.7	37.1
1944	18	72	68	140	37.0	40.3	38.6	82	-	82	37.5	-	37.5
1943	19	40	25	65	38.1	40.6	39.1	41	8	49	39.4	38.5	38.5
1942	20	17	27	44	40.0	40.8	40.7	19	19	38	40.0	40.2	40.1
1941	21	3	32	35	39.0	43.5	43.1	4	53	57	40.0	42.1	41.9
1940	22	-	18	18	-	42.8	42.8	-	54	54	-	43.3	43.3
1939	23	-	40	40	-	45.8	45.8	-	42	42	-	44.8	44.8
1938	24	-	6	6	-	44.5	44.5	-	12	12	-	45.5	45.5
1937	25	-	3	3	-	48.0	48.0	-	-	-	-	-	-
TOTAL ‰		639	361	1000				773	227	1000			
SERIAL NUMBERS		-	-	-				-	-	-			
NUMBER OF SAMPLES		-	-	4				-	-	3			
NUMBER OF FISH AGED		233	190	369				207	60	267			
MEAN AGE		15.4	18.0	16.4				15.7	18.0	16.7			
MEAN WEIGHT (KG)		-	-	-				-	-	-			
TOTAL WEIGHT LANDED (TONS)		-	-	4				-	-	5			
ESTIMATED NUMBER LANDED		-	-	-				-	-	-			
MESH SIZE (MM)		-	-	-110-120				-	-	-110-120			
RANGE OF DEPTHS (FM)		-	-	-170-220				-	-	-170-220			

- 1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 88
(CONT'D)AGE FREQUENCIES - REDFISH¹⁾ - 3L - 1962

(FREQUENCIES IN 0/00)

GEAR		OTTER TRAWL (NK)											
CATCHES/LANDINGS		NK											
MONTH		JANUARY						MARCH					
COUNTRY		U. S. S. R.											
SPECIES OR TYPE		"MARINUS" AND "MENTELLA"											
TONNAGE		1100											
YEAR-CLASS	AGE	0/00 FREQUENCY			MEAN LENGTH			0/00 FREQUENCY			MEAN LENGTH		
		00	00	TOT.	00	00	TOT.	00	00	TOT.	00	00	TOT.
1955	7	5	-	5	25.00	-	25.00	-	-	-	-	-	-
1954	8	-	9	9	-	27.00	27.00	-	5	5	-	28.00	28.00
1953	9	23	9	32	28.00	28.00	28.00	4	5	9	28.00	28.00	28.00
1952	10	51	46	97	30.36	30.10	30.24	-	96	96	-	31.00	31.00
1951	11	36	69	105	32.12	32.40	32.30	77	96	173	32.62	32.35	32.47
1950	12	36	41	77	33.75	34.00	33.88	120	68	188	33.88	33.95	33.85
1949	13	72	55	127	35.19	35.40	34.96	110	24	134	34.66	35.20	34.75
1948	14	55	37	92	35.75	36.00	35.85	82	14	96	36.05	36.67	36.15
1947	15	18	23	41	-	37.00	37.22	59	14	67	36.82	37.33	36.93
1946	16	14	36	50	37.00	-	37.70	19	24	43	37.50	37.80	37.67
1945	17	-	18	18	-	39.00	39.00	10	29	39	38.50	39.50	39.25
1944	18	5	50	55	39.00	40.00	39.91	-	34	34	-	41.29	41.29
1943	19	5	100	105	44.00	41.14	41.14	-	43	43	-	41.67	41.67
1942	20	-	105	105	-	42.70	42.70	-	34	34	-	41.57	41.57
1941	21	-	46	46	-	44.10	44.09	-	29	29	-	-	-
1940	22	-	27	27	-	44.83	44.83	-	10	10	-	46.50	46.50
1939	23	-	9	9	-	45.50	46.00	-	-	-	-	-	-
TOTAL 0/00		320	680	1000				475	525	1000			
SERIAL NUMBERS		-	-	-				-	-	-			
NUMBER OF SAMPLES		-	-	1				-	-	1			
NUMBER OF FISH AGED		70	149	219				99	109	208			
MEAN AGE		12.99	16.18	14.97				12.98	14.19	13.62			
MEAN WEIGHT (KG)		0.52	0.88	0.77				0.64	0.81	0.73			
TOTAL WEIGHT LANDED (TONS)		-	-	-				-	-	-			
ESTIMATED NUMBER LANDED		-	-	-				-	-	-			
MESH SIZE		-	-	-				-	-	-			
RANGE OF DEPTHS (FM)		-	-	175				-	-	200			

- 1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 88
(CONT'D)AGE FREQUENCIES - REDFISH¹⁾ - 3L - 1962

(FREQUENCIES IN 0/00)

GEAR		OTTER TRAWL (NK)											
CATCHES/LANDINGS		NK											
MONTH		APRIL						JULY					
COUNTRY		U. S. S. R.											
SPECIES OR TYPE		"MARINUS" AND "MENTELLA"											
TONNAGE		1100											
YEAR-CLASS	AGE	0/00 FREQUENCY			MEAN LENGTH			0/00 FREQUENCY			MEAN LENGTH		
		00	99	TOT.	00	99	TOT.	00	99	TOT.	00	99	TOT.
1956	6	-	-	-	-	-	-	4	-	4	24.00	-	24.00
1955	7	4	4	8	23.00	24.00	23.50	11	8	19	26.33	27.50	26.80
1954	8	16	4	20	27.25	27.00	27.20	38	19	57	27.00	28.00	27.33
1953	9	28	12	40	28.14	28.33	28.20	46	54	100	27.91	29.00	28.69
1952	10	73	33	106	30.89	31.00	30.93	91	126	217	29.52	31.30	30.57
1951	11	117	33	150	31.96	32.25	32.02	127	69	196	31.45	32.22	31.73
1950	12	98	40	138	33.58	34.22	33.64	54	88	142	33.75	33.91	33.85
1949	13	93	20	113	34.78	35.60	34.93	73	31	104	34.26	34.75	34.41
1948	14	85	36	121	36.00	36.33	36.10	34	19	53	36.00	36.60	36.21
1947	15	57	49	106	36.79	37.08	36.93	4	11	15	36.00	38.00	37.50
1946	16	12	16	28	38.00	38.00	38.00	4	23	27	37.00	40.17	39.71
1945	17	12	8	20	39.00	39.00	39.00	-	23	23	-	40.33	40.33
1944	18	4	24	28	39.00	39.33	39.29	-	19	19	-	40.80	40.80
1943	19	-	33	33	-	40.38	40.38	-	15	15	-	41.75	41.75
1942	20	4	33	37	41.00	41.62	41.55	-	4	4	-	43.00	43.00
1941	21	-	36	36	-	43.67	43.67	-	4	4	-	43.00	43.00
1940	22	-	8	8	-	45.50	45.50	-	-	-	-	-	-
1939	23	-	8	8	-	47.50	47.00	-	-	-	-	-	-
TOTAL 0/00		603	397	1000				486	513	999			
SERIAL NUMBERS		-	-	-				-	-	-			
NUMBER OF SAMPLES		-	-	1				-	-	1			
NUMBER OF FISH AGED		149	98	247				128	134	262			
MEAN AGE		12.28	15.28	13.47				10.97	12.00	11.50			
MEAN WEIGHT (KG)		0.56	0.85	0.68				0.44	0.59	0.52			
TOTAL WEIGHT LANDED (TONS)		-	-	-				-	-	-			
ESTIMATED NUMBER LANDED		-	-	-				-	-	-			
MESH SIZE		-	-	-				-	-	-			
RANGE OF DEPTHS (FM)		-	-150-155	-				-	-165-175	-			

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 88
(CONT'D)AGE FREQUENCIES - REDFISH¹⁾ - 3L - 1962

(FREQUENCIES IN 0/00)

GEAR		OTTER TRAWL (NK)					
CATCHES/LANDINGS		NK					
MONTH		AUGUST					
COUNTRY		U. S. S. R.					
SPECIES OR TYPE		"MARINUS" AND "MENTELLA"					
TONNAGE		1100					
YEAR-CLASS	AGE	0/00 FREQUENCY			MEAN LENGTH		
		00	99	TOT.	00	99	TOT.
1956	6	4	-	4	23.00	-	23.00
1955	7	54	31	85	24.50	25.00	24.68
1954	8	85	90	175	25.89	26.65	26.28
1953	9	66	81	147	26.93	27.33	27.12
1952	10	49	45	94	28.54	29.40	28.95
1951	11	45	77	122	30.70	31.82	31.41
1950	12	58	45	103	32.92	33.70	33.26
1949	13	58	4	62	34.31	35.00	34.35
1948	14	27	18	45	36.17	36.50	36.30
1947	15	9	31	40	37.50	37.86	37.78
1946	16	-	31	31	-	38.86	38.86
1945	17	-	13	13	-	39.67	39.67
1944	18	-	27	27	-	40.50	40.50
1943	19	-	40	40	-	41.44	41.44
1942	20	-	4	4	-	43.00	43.00
1941	21	-	4	4	-	46.00	46.00
1940	22	-	-	-	-	-	-
1939	23	-	4	4	-	45.00	45.00
TOTAL 0/00		455	545	1000			
SERIAL NUMBERS		-	-	-			
NUMBER OF SAMPLES		-	-	1			
NUMBER OF FISH AGED		102	122	224			
MEAN AGE		10.16	11.95	11.13			
MEAN WEIGHT (KG)		0.44	0.64	0.55			
TOTAL WEIGHT LANDED (TONS)		-	-	-			
ESTIMATED NUMBER LANDED		-	-	-			
MESH SIZE		-	-	-			
RANGE OF DEPTHS (FM)		-	-	150-200			

- 1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 89

AGE FREQUENCIES - REDFISH¹⁾ - 3M - 1962

(FREQUENCIES IN ‰)

GEAR		OTTER TRAWL (RESEARCH)											
CATCHES/LANDINGS		CATCHES											
MONTH		JANUARY						MARCH					
COUNTRY		U. S. S. R.											
SPECIES OR TYPE		"MARINUS" AND "MENTELLA"											
TONNAGE		NK											
YEAR-CLASS	AGE	‰ FREQUENCY			MEAN LENGTH			‰ FREQUENCY			MEAN LENGTH		
		00	00	TOT.	00	00	TOT.	00	00	TOT.	00	00	TOT.
1957	5	-	-	-	-	-	-	3	3	6	25.0	22.0	23.5
1956	6	-	12	12	-	22.0	22.0	3	6	9	25.0	23.0	23.4
1955	7	24	-	24	22.5	-	22.5	3	-	3	25.0	-	25.0
1954	8	-	12	12	-	26.0	26.0	3	-	3	25.0	-	25.0
1953	9	24	38	62	27.0	28.0	27.6	6	3	9	30.0	25.0	27.4
1952	10	63	24	87	28.6	29.5	28.9	28	29	57	31.7	30.2	30.7
1951	11	37	37	74	32.6	30.9	31.5	146	-	146	33.1	-	33.1
1950	12	87	12	99	33.4	31.0	32.9	158	24	182	33.8	33.7	33.8
1949	13	111	-	111	35.1	-	35.1	271	48	319	35.4	36.2	35.5
1948	14	49	37	86	35.7	37.6	36.6	136	27	163	35.7	37.5	36.7
1947	15	49	162	211	37.3	38.1	38.0	47	47	94	36.2	37.4	36.8
1946	16	-	87	87	-	38.6	38.6	6	3	9	36.0	39.0	37.0
1945	17	-	37	37	-	39.0	39.0	-	-	-	-	-	-
1944	18	-	74	74	-	40.5	40.5	-	-	-	-	-	-
1943	19	-	12	12	-	40.0	40.0	-	-	-	-	-	-
1942	20	-	12	12	-	41.0	41.0	-	-	-	-	-	-
TOTAL ‰		444	556	1000				810	190	1000			
SERIAL NUMBERS		-	-	-				-	-	-			
NUMBER OF SAMPLES		-	-	1				-	-	3			
NUMBER OF FISH AGED		36	45	81				236	57	293			
MEAN AGE		12.0	14.7	13.4				11.4	12.6	11.5			
MEAN WEIGHT (KG)		-	-	1.04				-	-	0.44			
TOTAL WEIGHT LANDED (TONS)		-	-	4				-	-	890			
ESTIMATED NUMBER LANDED		-	-	-				-	-	-			
MESH SIZE (MM)		-	-110-120	-				-	-110-120	-			
RANGE OF DEPTHS (FM)		-	-153-180	-				-	-172-217	-			

- 1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 89
(CONT'D)AGE FREQUENCIES - REDFISH¹⁾ - 3M - 1962

(FREQUENCIES IN 0/00)

GEAR		OTTER TRAWL (NK)											
CATCHES/LANDINGS		NK											
MONTH		MARCH						JUNE					
COUNTRY		U. S. S. R.											
SPECIES OR TYPE		"MARINUS" AND "MENTELLA"											
TONNAGE		1800											
YEAR-CLASS	AGE	0/00 FREQUENCY			MEAN LENGTH			0/00 FREQUENCY			MEAN LENGTH		
		00	00	TOT.	00	00	TOT.	00	00	TOT.	00	00	TOT.
1955	7	4	-	4	-	-	22.00	-	-	-	-	-	-
1954	8	7	2	9	-	22.00	-	-	-	-	-	-	-
1953	9	9	5	14	-	-	27.62	-	-	-	-	-	-
1952	10	37	5	42	29.66	-	29.75	4	14	18	29.00	28.75	28.80
1951	11	85	32	117	31.56	32.44	31.80	46	28	74	32.62	32.12	32.43
1950	12	107	69	176	32.85	33.97	33.30	110	25	135	33.64	34.86	33.87
1949	13	76	91	167	33.96	35.00	34.51	160	57	217	34.65	35.25	34.80
1948	14	55	107	162	35.22	35.80	35.60	132	75	207	35.51	36.67	35.93
1947	15	32	80	112	36.39	37.11	36.90	68	43	111	36.58	37.83	37.06
1946	16	12	85	97	37.57	37.94	37.89	21	53	74	36.50	38.27	37.76
1945	17	4	37	41	39.00	39.19	39.17	10	36	46	-	38.90	38.77
1944	18	-	36	36	-	39.75	39.75	14	39	53	38.00	39.73	39.27
1943	19	-	14	14	-	40.62	40.62	7	18	25	39.00	40.00	39.71
1942	20	-	2	2	-	42.00	42.00	4	21	25	40.00	-	39.29
1941	21	-	5	5	-	44.00	-	4	7	11	42.00	-	-
1940	22	-	2	2	-	43.00	43.00	-	4	4	-	-	41.00
TOTAL 0/00		428	572	1000				580	420	1000			
SERIAL NUMBERS		-	-	-				-	-	-			
NUMBER OF SAMPLES		-	-	2				-	-	1			
NUMBER OF FISH AGED		241	322	563				163	118	-			
MEAN AGE		12.28	14.45	13.50				13.56	15.10	-			
MEAN WEIGHT (KG)		-	-	-				0.63	0.74	-			
TOTAL WEIGHT LANDED (TONS)		-	-	-				-	-	-			
ESTIMATED NUMBER LANDED		-	-	-				-	-	-			
MESH SIZE		-	-	-				-	-	-			
RANGE OF DEPTHS (FM)		-	-202-210	-				-	-165-200	-			

- 1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 89
(CONT'D)AGE FREQUENCIES - REDFISH¹⁾ - 3M - 1962

(FREQUENCIES IN %/00)

GEAR		OTTER TRAWL (NK)					
CATCHES/LANDINGS		NK					
MONTH		AUGUST					
COUNTRY		U. S. S. R.					
SPECIES OR TYPE		"MARINUS" AND "MENTELLA"					
TONNAGE		1800					
YEAR-CLASS	AGE	% / 00 FREQUENCY			MEAN LENGTH		
		00	00	TOT.	00	00	TOT.
1958	4	1	-	1	19.00	-	19.00
1957	5	1	-	1	19.00	-	19.00
1956	6	-	-	-	-	-	-
1955	7	1	-	1	-	-	-
1954	8	4	2	6	27.00	29.67	28.00
1953	9	12	4	16	30.13	29.60	30.00
1952	10	49	19	68	31.45	32.04	31.62
1951	11	84	52	136	32.44	33.08	32.68
1950	12	149	91	240	33.61	34.20	33.83
1949	13	96	105	201	34.54	35.44	35.02
1948	14	67	75	142	36.33	36.56	36.45
1947	15	30	63	93	37.21	37.76	37.58
1946	16	9	31	40	38.50	39.20	39.04
1945	17	5	21	26	40.17	40.65	40.56
1944	18	-	21	21	-	41.04	41.04
1943	19	1	3	4	40.00	41.25	41.00
1942	20	-	3	3	-	43.50	42.50
1941	21	1	-	1	45.00	-	45.00
TOTAL %/00		510	490	1000			
SERIAL NUMBERS		-	-	-			
NUMBER OF SAMPLES		-	-	6			
NUMBER OF FISH AGED		631	606	1237			
MEAN AGE		12.28	13.50	12.88			
MEAN WEIGHT (KG)		0.51	0.63	0.57			
TOTAL WEIGHT LANDED (TONS)		-	-	-			
ESTIMATED NUMBER LANDED		-	-	-			
MESH SIZE		-	-	-			
RANGE OF DEPTHS (FM)		-	-	100-300			

1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 90

AGE FREQUENCIES - REDFISH¹⁾ - 3N - 1962

(FREQUENCIES IN %/00)

GEAR		OTTER TRAWL (NK)													
CATCHES/LANDINGS		NK													
MONTH		JANUARY						JUNE							
COUNTRY		U. S. S. R.													
SPECIES OR TYPE		"MARINUS" AND "MENTELLA"													
TONNAGE		1800													
YEAR-CLASS	AGE	%/00 FREQUENCY			MEAN LENGTH			%/00 FREQUENCY			MEAN LENGTH				
		00	01	TOT.	00	01	TOT.	00	01	TOT.	00	01	TOT.		
1955	7	19	11	30	25.80	25.67	25.75	-	-	-	-	-	-		
1954	8	11	15	26	27.33	26.00	27.00	3	3	6	27.00	27.00	27.00		
1953	9	37	29	66	28.20	28.37	28.28	22	-	22	27.17	-	27.17		
1952	10	45	90	135	29.83	30.29	30.14	43	18	61	29.08	31.40	29.76		
1951	11	21	67	88	31.50	32.05	31.92	18	14	32	31.00	33.25	32.00		
1950	12	34	60	94	33.78	33.44	33.56	101	43	144	33.68	34.50	33.92		
1949	13	45	29	74	35.25	35.00	35.15	59	53	127	34.95	34.94	34.94		
1948	14	67	41	108	35.95	35.82	35.89	115	47	162	35.28	35.54	35.35		
1947	15	11	29	40	36.33	37.12	37.18	73	40	113	36.10	37.64	36.64		
1946	16	19	19	38	37.00	38.20	37.60	36	32	68	37.00	39.00	37.95		
1945	17	11	45	56	38.66	39.00	38.93	14	36	50	38.50	40.10	39.64		
1944	18	15	49	64	39.50	39.85	39.77	-	58	58	-	40.38	40.37		
1943	19	11	57	68	40.33	40.33	40.33	3	65	68	40.00	42.10	41.72		
1942	20	-	72	72	-	42.21	42.21	3	47	50	43.00	44.23	44.14		
1941	21	8	11	19	42.00	43.00	42.60	-	36	36	-	44.50	44.50		
1940	22	-	19	19	-	44.80	44.80	-	3	3	-	45.00	45.00		
1939	23	-	4	4	-	45.00	45.00	-	-	-	-	-	-		
TOTAL %/00		354	647	1001	/			500	500	1000	/				
SERIAL NUMBERS		-	-	-				-	-	-				-	-
NUMBER OF SAMPLES		-	-	1				-	-	-				-	1
NUMBER OF FISH AGED		95	173	268				139	139	278					
MEAN AGE		12.61	14.52	13.85				13.2	16.09	14.61					
MEAN WEIGHT (KG)		0.51	0.70	0.63				0.62	0.95	0.78					
TOTAL WEIGHT LANDED (TONS)		-	-	-				-	-	-				-	-
ESTIMATED NUMBER LANDED		-	-	-				-	-	-				-	-
MESH SIZE		-	-	-				-	-	-				-	-
RANGE OF DEPTHS (FM)		-	-100-140	-				-	-	-				-	175

- 1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 90
(CONT'D)AGE FREQUENCIES - REDFISH¹⁾ - 3N - 1962(FREQUENCIES IN ⁰/100)

GEAR		OTTER TRAWL (NK)						
CATCHES/LANDINGS		NK						
MONTH		AUGUST						
COUNTRY		U. S. S. R.						
SPECIES OR TYPE		"MARINUS" AND "MENTELLA"						
TONNAGE		1800						
YEAR-CLASS	AGE	%/100 FREQUENCY			MEAN LENGTH			
		⁰⁰	⁰⁰	TOT.	⁰⁰	⁰⁰	TOT.	
1956	6	-	4	4	-	24.00	24.00	
1955	7	8	4	12	25.00	25.00	25.00	
1954	8	72	23	95	26.00	27.50	26.37	
1953	9	39	63	102	28.30	28.44	28.38	
1952	10	48	83	131	29.00	29.48	29.30	
1951	11	23	122	145	30.00	31.52	31.27	
1950	12	27	102	129	33.29	32.92	33.00	
1949	13	8	51	59	34.50	34.15	34.20	
1948	14	8	75	83	35.50	36.10	36.05	
1947	15	16	63	79	37.25	38.18	38.00	
1946	16	8	27	35	37.50	39.14	38.78	
1945	17	8	23	31	-	40.67	39.62	
1944	18	-	35	35	-	40.89	40.89	
1943	19	-	16	16	-	40.75	40.75	
1942	20	-	8	8	-	42.50	42.50	
1941	21	-	20	20	-	43.80	43.80	
1940	22	-	12	12	-	45.33	45.33	
1939	23	-	-	-	-	-	-	
1938	24	-	4	4	-	45.00	45.00	
TOTAL ⁰ /100		265	735	1000				
SERIAL NUMBERS		-	-	-				
NUMBER OF SAMPLES		-	-	1				
NUMBER OF FISH AGED		67	187	254				
MEAN AGE		10.42	12.99	12.32				
MEAN WEIGHT (KG)		0.45	0.73	0.65				
TOTAL WEIGHT LANDED (TONS)		-	-	-				
ESTIMATED NUMBER LANDED		-	-	-				
MESH SIZE		-	-	-				
RANGE OF DEPTHS (FM)		-	-	163-175				

- 1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 91

AGE FREQUENCIES - REDFISH¹⁾ - 30 - 1962

(FREQUENCIES IN %/00)

GEAR		OTTER TRAWL (COMMERCIAL)					
CATCHES/LANDINGS		CATCHES					
MONTH		MAY					
COUNTRY		U. S. S. R.					
SPECIES OR TYPE		"MARINUS" AND "MENTELLA"					
TONNAGE		NK					
YEAR-CLASS	AGE	%/00 FREQUENCY			MEAN LENGTH		
		00	99	TOT.	00	99	TOT.
1959	3	10	-	10	15.0	-	15.0
1958	4	21	-	21	16.0	-	16.0
1957	5	10	-	10	17.0	-	17.0
1956	6	41	20	61	21.5	22.0	21.5
1955	7	32	42	74	22.3	21.8	22.0
1954	8	105	32	137	24.1	25.0	24.3
1953	9	191	43	234	25.0	25.8	25.2
1952	10	129	53	182	25.9	25.2	25.7
1951	11	128	20	148	26.4	27.5	26.6
1950	12	62	-	62	27.8	-	27.8
1949	13	20	-	20	29.0	-	29.0
1948	14	31	-	31	28.7	-	28.7
1947	15	-	-	-	-	-	-
1946	16	-	10	10	-	33.0	33.0
TOTAL %/00		780	220	1000			
SERIAL NUMBERS		-	-	-			
NUMBER OF SAMPLES		-	-	1			
NUMBER OF FISH AGED		74	21	95			
MEAN AGE		9.4	9.0	9.3			
MEAN WEIGHT (KG)		-	-	-			
TOTAL WEIGHT LANDED (TONS)		-	-	775.6			
ESTIMATED NUMBER LANDED		-	-	-			
MESH SIZE (MM)		-	-	110-120			
RANGE OF DEPTHS (FM)		-	-	90-100			

- 1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 91
(CONT'D)AGE FREQUENCIES - REDFISH¹⁾ - 30 - 1962

(FREQUENCIES IN ‰)

GEAR		OTTER TRAWL (NK)											
CATCHES/LANDINGS		MARCH						JUNE					
MONTH		NK											
COUNTRY		U. S. S. R.											
SPECIES OR TYPE		"MARINUS" AND "MENTELLA"											
TONNAGE		1100											
YEAR-CLASS	AGE	‰ FREQUENCY			MEAN LENGTH			‰ FREQUENCY			MEAN LENGTH		
		00	99	TOT.	00	99	TOT.	00	99	TOT.	00	99	TOT.
1957	5	-	-	-	-	-	-	5	-	5	27.00	-	27.00
1956	6	3	-	3	23.00	-	23.00	66	45	111	24.03	25.40	24.56
1955	7	26	20	46	23.87	24.50	24.21	97	85	182	24.80	26.04	25.40
1954	8	54	68	122	25.93	26.55	26.27	72	83	155	25.81	26.98	26.44
1953	9	97	165	262	27.58	28.20	27.98	30	38	68	27.18	28.18	27.74
1952	10	60	222	282	28.22	29.51	29.23	12	76	88	27.43	30.50	30.09
1951	11	10	145	155	-	31.04	30.90	10	120	130	28.40	31.97	31.73
1950	12	-	78	78	-	32.08	32.08	-	121	121	33.00	33.16	33.16
1949	13	-	41	41	-	33.33	33.33	5	82	87	32.00	34.00	33.88
1948	14	-	7	7	-	-	-	-	40	40	33.00	34.96	37.17
1947	15	-	3	3	-	35.00	35.00	-	10	10	-	37.16	38.00
1946	16	-	-	-	-	-	-	-	3	3	-	38.00	-
TOTAL ‰		250	749	999				297	703	1000			
SERIAL NUMBERS		-	-	-				-	-	-			
NUMBER OF SAMPLES		-	-	1				-	-	2			
NUMBER OF FISH AGED		75	222	297				171	404	575			
MEAN AGE		8.85	10.14	9.79				7.60	10.27	9.48			
MEAN WEIGHT (KG)		0.28	0.39	0.36				0.28	0.64	0.40			
TOTAL WEIGHT LANDED (TONS)		-	-	-				-	-	-			
ESTIMATED NUMBER LANDED		-	-	-				-	-	-			
MESH SIZE		-	-	-				-	-	-			
RANGE OF DEPTHS (FM)		-	-105-115	-				-	-180-290	-			

- 1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 92

AGE FREQUENCIES - REDFISH¹⁾ - 3P - 1962

(FREQUENCIES IN ‰)

GEAR		OTTER TRAWL (NK)																
CATCHES/LANDINGS		NK																
MONTH		FEBRUARY						MARCH										
COUNTRY		U. S. S. R.																
SPECIES OR TYPE		"MARINUS" AND "MENTELLA"																
TONNAGE		1100																
YEAR-CLASS	AGE	‰ FREQUENCY			MEAN LENGTH			‰ FREQUENCY			MEAN LENGTH							
		00	99	TOT.	00	99	TOT.	00	99	TOT.	00	99	TOT.					
1956	6	6	6	12	20.00	19.33	19.83	-	-	-	-	-	-					
1955	7	39	21	60	21.32	21.03	21.31	-	8	8	-	22.00	22.00					
1954	8	76	43	119	22.41	22.38	22.40	46	4	50	25.91	23.00	25.67					
1953	9	27	19	46	23.15	23.44	23.26	72	50	122	26.77	26.25	26.55					
1952	10	31	16	47	28.07	28.25	27.95	80	75	155	27.95	28.39	28.16					
1951	11	27	43	70	29.31	30.62	30.12	59	138	197	29.50	30.24	30.04					
1950	12	69	88	157	30.33	32.07	31.26	29	163	192	31.00	31.95	31.80					
1949	13	45	123	168	32.45	33.25	33.03	8	156	164	-	33.24	33.26					
1948	14	12	95	107	33.66	34.79	34.73	-	96	96	-	34.65	34.65					
1947	15	4	97	101	-	36.40	36.36	-	12	12	-	37.00	37.00					
1946	16	2	47	49	39.00	37.18	37.74	-	4	4	-	39.00	39.00					
1945	17	2	19	21	39.00	38.56	38.60	-	-	-	-	-	-					
1944	18	-	21	21	-	40.00	40.10	-	-	-	-	-	-					
1943	19	-	14	14	-	-	40.14	-	-	-	-	-	-					
1942	20	-	8	8	-	41.00	41.75	-	-	-	-	-	-					
TOTAL ‰		340	660	1000	/			294	706	1000	/							
SERIAL NUMBERS		-	-	-				-	-	-				-	-	-	-	-
NUMBER OF SAMPLES		-	-	1				-	-	-				-	1	-	-	-
NUMBER OF FISH AGED		165	321	486				70	169	239				-	-	-	-	-
MEAN AGE		10.22	13.10	12.13				10.00	11.86	11.30				-	-	-	-	-
MEAN WEIGHT (KG)		0.50	0.91	0.90				0.31	0.47	0.43				-	-	-	-	-
TOTAL WEIGHT LANDED (TONS)		-	-	-				-	-	-				-	-	-	-	-
ESTIMATED NUMBER LANDED		-	-	-				-	-	-				-	-	-	-	-
MESH SIZE		-	-	-				-	-	-				-	-	-	-	-
RANGE OF DEPTHS (FM)		-	-	145-215				-	-	-				-	-	125-163	-	-

- 1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 93

AGE FREQUENCIES - REDFISH¹⁾ - 4V - 1962

(FREQUENCIES IN ‰)

GEAR		OTTER TRAWL (NK)											
CATCHES/LANDINGS		MAY						SEPTEMBER					
MONTH		NK											
COUNTRY		U. S. S. R.											
SPECIES OR TYPE		"MARINUS" AND "MENTELLA"											
TONNAGE		1800											
YEAR-CLASS	AGE	‰ FREQUENCY			MEAN LENGTH			‰ FREQUENCY			MEAN LENGTH		
		00	99	TOT.	00	99	TOT.	00	99	TOT.	00	99	TOT.
1958	4	4	-	4	18.00	-	18.00	-	-	-	-	-	-
1957	5	-	-	-	-	-	-	-	-	-	-	-	-
1956	6	39	13	52	21.36	23.00	21.80	-	-	-	-	-	-
1955	7	32	43	75	23.67	23.92	23.81	4	-	4	25.00	-	25.00
1954	8	46	32	78	26.07	26.44	26.23	24	4	28	25.50	23.00	25.14
1953	9	61	21	82	28.06	28.67	28.22	16	20	36	27.25	28.00	27.67
1952	10	71	61	132	29.15	30.24	29.65	68	16	84	28.53	-	29.00
1951	11	82	78	160	30.52	32.00	31.22	92	48	140	30.22	31.60	30.70
1950	12	61	116	177	30.75	33.40	32.64	115	84	199	30.82	32.00	31.32
1949	13	7	75	82	33.00	34.62	34.48	45	89	134	32.36	33.64	33.21
1948	14	11	64	75	35.00	35.61	35.52	16	61	77	-	34.87	34.63
1947	15	4	32	36	39.00	37.33	37.50	12	68	80	-	37.23	36.75
1946	16	-	25	25	-	38.14	38.14	4	48	52	33.00	37.50	37.50
1945	17	-	11	11	-	38.67	39.33	4	68	72	33.00	38.00	37.72
1944	18	-	11	11	-	41.00	41.00	-	45	45	-	38.82	38.82
1943	19	-	-	-	-	-	-	-	28	28	-	40.14	40.14
1942	20	-	-	-	-	-	-	-	9	9	-	-	-
1941	21	-	-	-	-	-	-	-	12	12	-	40.00	40.00
TOTAL ‰		418	582	1000				400	600	1000			
SERIAL NUMBERS		-	-	-				-	-	-			
NUMBER OF SAMPLES		-	-	1				-	-	1			
NUMBER OF FISH AGED		117	164	281				100	149	249			
MEAN AGE		9.65	11.70	10.85				11.39	14.38	13.18			
MEAN WEIGHT (KG)		0.42	0.69	0.58				0.41	0.64	0.54			
TOTAL WEIGHT LANDED (TONS)		-	-	-				-	-	-			
ESTIMATED NUMBER LANDED		-	-	-				-	-	-			
MESH SIZE		-	-	-				-	-	-			
RANGE OF DEPTHS (FM)		-	-108-112	-				-	-	95			

- 1) IT HAS BEEN INDICATED ON LINE 5 ENTITLED "SPECIES OR TYPE", THE CLASSIFICATION UNDER WHICH THE REPORTING COUNTRY HAS GROUPED THE SAMPLE IN QUESTION.

TABLE 94

AGE/LENGTH KEYS AND FREQUENCIES (REDFISH) - 1962

(AVAILABLE ON REQUEST FROM THE SECRETARIAT)

IN ACCORDANCE WITH A RECOMMENDATION MADE BY THE RESEARCH AND STATISTICS COMMITTEE AT THEIR ANNUAL MEETING IN 1962, 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	DIVISION	MONTH
2H	MAY JULY SEPTEMBER	3M	JANUARY MARCH JUNE AUGUST
2J	JANUARY APRIL JULY OCTOBER	3N	JANUARY JUNE AUGUST
3K	JANUARY FEBRUARY MARCH APRIL MAY JULY NOVEMBER	3O	MARCH MAY JUNE
3L	JANUARY MARCH APRIL MAY JULY AUGUST	3P	FEBRUARY MARCH
		4V	MAY SEPTEMBER

TABLE 95 LENGTH FREQUENCIES - AMERICAN PLAICE - 3L - 1962 (FREQUENCIES IN 0/00 - 1 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)											
	LANDINGS BEFORE DISCARD						LANDINGS					
CATCHES/LANDINGS	MAY			JUNE			JUNE			JULY		
MONTH	CANADA (NEWFOUNDLAND)						CANADA (M)			CANADA (NFLD.)		
COUNTRY	CANADA (NEWFOUNDLAND)						CANADA (M)			CANADA (NFLD.)		
SEX	00	00	TOT.	00	00	TOT.	00	00	TOT.	00	00	TOT.
TONNAGE	151-500											
17	-	-	-	-	-	-	-	-	-	5	5	10
19	-	-	-	-	-	-	-	-	-	-	9	9
20	-	-	-	-	-	-	-	-	-	5	-	5
21	-	-	-	-	-	-	-	-	-	5	5	10
22	-	-	-	-	-	-	-	-	-	9	14	23
23	-	-	-	-	-	-	-	-	-	14	5	19
24	-	-	-	-	-	-	-	-	-	14	9	23
25	-	-	-	-	-	-	-	-	-	-	5	5
26	-	-	-	-	-	-	-	-	-	9	5	14
27	-	-	-	-	-	-	-	-	-	5	9	14
28	-	-	-	-	-	-	-	-	-	9	9	18
29	-	2	2	-	-	-	-	-	-	9	19	28
30	-	-	-	-	-	-	-	-	-	5	14	19
31	-	2	2	-	-	-	-	-	-	9	14	23
32	-	-	-	-	-	-	-	-	-	19	5	24
33	13	2	15	6	-	6	-	-	-	-	14	14
34	9	5	14	-	-	-	5	-	5	5	24	29
35	15	11	26	6	17	23	10	20	30	9	5	14
36	29	7	36	6	6	12	-	30	30	9	-	9
37	44	11	55	11	11	22	10	-	10	14	9	23
38	51	17	68	23	11	34	20	15	35	5	9	14
39	66	18	84	12	23	35	26	26	52	5	9	14
40	74	20	94	17	11	28	10	26	36	14	10	24
41	74	20	94	23	11	34	15	26	41	5	19	24
42	59	22	81	35	12	47	26	5	31	29	10	39
43	37	22	59	46	40	86	20	20	40	24	5	29
44	44	26	70	29	29	58	36	15	51	5	14	19
45	44	22	66	35	40	75	15	36	51	24	19	43
46	18	15	33	12	46	58	5	26	31	9	14	23
47	18	26	44	11	40	51	20	26	46	-	29	29
48	5	15	20	11	75	86	20	46	66	9	67	76
49	4	13	17	-	17	17	10	71	81	-	38	38
50	-	7	7	11	52	63	-	51	51	5	29	34
51	-	11	11	-	46	46	-	26	26	-	24	24
52	-	11	11	-	23	23	-	71	71	-	43	43
53	-	17	17	-	23	23	-	56	56	-	29	29
54	-	17	17	-	29	29	-	41	41	-	33	33
55	-	11	11	-	40	40	-	5	5	-	24	24
56	-	13	13	-	35	35	-	26	26	-	33	33
57	-	17	17	-	12	12	-	30	30	-	38	38
58	-	-	-	-	17	17	-	5	5	-	14	14
59	-	5	5	-	11	11	-	20	20	-	9	9
60	-	2	2	-	6	6	-	15	15	-	9	9
61	-	7	7	-	6	6	-	5	5	-	-	-
62	-	-	-	-	6	6	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-	5	5
64	-	-	-	-	-	-	-	5	5	-	-	-
65	-	-	-	-	-	-	-	10	10	-	-	-
66	-	-	-	-	11	11	-	-	-	-	-	-
67	-	2	2	-	-	-	-	-	-	-	-	-
TOTAL 0/00	604	396	1000	294	706	1000	248	754	1002	288	712	1000
SERIAL NUMBERS	-	-	-	-	-	-	-	-	169	-	-	-
NUMBER OF SAMPLES	-	-	2	-	-	1	-	-	1	-	-	1
NUMBER OF FISH MEASURED	-	-	544	-	-	174	49	148	197	-	-	211
MEAN LENGTH (CM)	-	-	42.75	-	-	46.82	-	-	47.18	-	-	42.11
MEAN WEIGHT (KG)	-	-	0.78	-	-	1.20	-	-	1.14	-	-	1.00
TOTAL WEIGHT LANDED (TONS)	-	-	2213	-	-	1763	-	-	-	-	-	751
ESTIMATED NUMBER LANDED	-	-	2838584	-	-	1470223	-	-	-	-	-	751285
MESH SIZE (INCHES)	-	MANILLA 4½	-	-	-	-	-	-	4½	-	MANILLA 4½	-
RANGE OF DEPTHS (FM)	-	-	55-60	-	-	90	-	-	70-80	-	-	78-88

TABLE 95 LENGTH FREQUENCIES - AMERICAN PLAICE - 3L - 1962 (FREQUENCIES IN $^{\circ}/_{00}$ - 1 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)											
	LANDINGS			LANDINGS BEFORE DISCARD								
CATCHES/LANDINGS				SEPTEMBER		OCTOBER		NOVEMBER				
MONTH												
COUNTRY	CANADA (M)			CANADA (NEWFOUNDLAND)								
SEX	00	99	TOT.	00	99	TOT.	00	99	TOT.			
TONNAGE	151-500											
17	-	-	-	-	3	3	-	-	-	-	-	-
18	-	-	-	-	1	1	-	-	-	-	-	-
19	-	-	-	3	-	3	-	-	-	-	-	-
20	-	-	-	-	1	1	-	-	-	-	-	-
21	-	-	-	-	3	3	-	-	-	-	-	-
22	-	-	-	1	3	4	-	-	-	-	-	-
24	-	-	-	-	3	3	-	-	-	-	1	1
26	-	-	-	3	3	6	-	-	-	-	-	-
27	-	-	-	5	4	9	-	-	-	-	-	-
28	-	-	-	-	4	4	-	-	-	-	-	-
29	-	-	-	5	4	9	1	-	1	1	-	1
30	-	-	-	5	8	13	1	-	1	-	1	1
31	-	-	-	9	9	18	-	-	-	-	2	2
32	-	-	-	9	5	14	-	1	1	1	1	2
33	-	-	-	6	6	12	3	1	4	4	2	6
34	-	-	-	12	3	15	3	2	5	3	3	6
35	-	6	6	8	13	21	-	7	7	6	6	12
36	-	-	-	5	13	18	7	3	10	9	6	15
37	11	-	11	16	6	22	4	6	10	15	5	20
38	6	6	12	16	14	30	22	12	34	14	11	25
39	-	11	11	17	14	31	16	3	19	21	19	40
40	-	11	11	30	17	47	22	13	35	40	18	58
41	-	28	28	21	25	46	35	6	41	24	22	46
42	11	11	22	30	34	64	41	15	56	31	23	54
43	28	39	67	32	40	72	40	28	68	28	31	59
44	11	62	73	30	26	56	48	28	76	30	36	66
45	-	39	39	16	36	52	42	29	71	17	31	48
46	11	45	56	19	33	52	22	51	73	19	40	59
47	-	56	56	6	38	44	10	42	52	9	36	45
48	17	79	96	6	39	45	9	48	57	5	31	36
49	-	56	56	4	64	68	9	50	59	7	33	40
50	-	124	124	1	27	28	2	50	52	3	33	36
51	6	45	51	-	40	40	1	57	58	1	35	36
52	6	45	51	-	21	21	-	34	34	1	32	33
53	-	17	17	3	33	36	-	37	37	1	34	35
54	-	39	39	-	16	16	-	28	28	-	28	28
55	-	51	51	-	14	14	-	25	25	-	34	34
56	-	17	17	-	14	14	-	21	21	-	27	27
57	-	17	17	-	12	12	-	16	16	-	29	29
58	-	22	22	-	12	12	-	6	6	-	27	27
59	-	22	22	-	5	5	-	12	12	-	16	16
60	-	17	17	-	1	1	-	9	9	-	17	17
61	-	11	11	-	6	6	-	12	12	-	11	11
62	-	-	-	-	1	1	-	4	4	-	10	10
63	-	11	11	-	4	4	-	6	6	-	6	6
64	-	6	6	-	-	-	-	-	-	-	4	4
65	-	-	-	-	3	3	-	-	-	-	2	2
66	-	-	-	-	1	1	-	-	-	-	2	2
67	-	-	-	-	-	-	-	-	-	-	2	2
68	-	-	-	-	-	-	-	-	-	-	1	1
74	-	-	-	-	-	-	-	-	-	-	1	1
75	-	-	-	-	-	-	-	-	-	-	1	1
TOTAL $^{\circ}/_{00}$	107	893	1000	318	682	1000	338	662	1000	290	710	1000
SERIAL NUMBERS	-	-	168	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	1	-	-	4	-	-	3	-	-	5
NUMBER OF FISH MEASURED	19	159	178	-	-	769	-	-	683	-	-	1238
MEAN LENGTH (CM)	-	-	48.95	-	-	43.83	-	-	46.94	-	-	47.24
MEAN WEIGHT (KG)	-	-	1.31	-	-	0.97	-	-	1.17	-	-	1.31
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	606	-	-	1092	-	-	825
ESTIMATED NUMBER LANDED	-	-	-	-	-	628365	-	-	935311	-	-	631604
MESH SIZE (INCHES)	-	-	4 $\frac{1}{2}$	-	-	MANILLA & NYLON $\frac{1}{2}$	-	-	MANILLA 4 $\frac{1}{2}$ -5	-	-	MANILLA 4-4 7/8
RANGE OF DEPTHS (FM)	-	-	24	-	-	30-100	-	-	75-100	-	-	50-120

TABLE 96 LENGTH FREQUENCIES - AMERICAN PLAICE - 3N - 1962

(FREQUENCIES IN 0/00 - 1 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)											
CATCHES/LANDINGS	LANDINGS BEFORE DISCARD											
MONTH	MAY			JUNE			AUGUST			SEPTEMBER		
COUNTRY	CANADA (NEWFOUNDLAND)											
SEX	00	90	TOT.	00	90	TOT.	00	90	TOT.	00	90	TOT.
TONNAGE	151-500											
27	-	-	-	1	-	1	-	-	-	-	-	-
28	-	-	-	-	-	-	1	2	3	-	-	-
29	-	-	-	-	1	1	2	-	2	1	-	1
30	6	-	6	4	-	4	3	2	5	-	-	-
31	2	-	2	4	3	7	10	4	14	4	-	4
32	4	4	8	7	7	14	11	9	20	2	2	4
33	8	6	14	7	9	16	13	6	19	6	5	11
34	19	10	29	13	12	25	13	11	24	7	6	13
35	19	21	40	27	20	47	16	8	24	18	11	29
36	21	18	39	30	19	49	14	13	27	15	9	24
37	21	19	40	27	26	53	20	9	29	22	10	32
38	16	14	30	26	31	57	26	9	35	18	11	29
39	29	19	48	26	18	44	25	11	36	26	15	41
40	43	27	70	35	23	58	33	16	49	37	11	48
41	37	29	66	44	22	66	38	19	57	37	15	52
42	50	21	71	39	23	62	22	17	39	43	16	59
43	54	37	91	40	17	57	42	17	59	49	18	67
44	35	35	70	27	25	52	41	19	60	41	19	60
45	27	25	52	32	28	60	29	26	55	47	19	66
46	23	35	58	28	35	63	28	28	56	40	24	64
47	25	43	68	17	24	41	19	27	46	32	23	55
48	8	33	41	8	24	32	11	36	47	23	35	58
49	6	18	24	7	19	26	9	45	54	15	38	53
50	-	25	25	5	39	44	3	45	48	4	25	29
51	-	21	21	3	24	27	6	39	45	4	24	28
52	-	12	12	1	15	16	2	38	40	-	41	41
53	-	19	19	-	27	27	1	20	21	-	20	20
54	-	14	14	-	4	4	-	21	21	-	26	26
55	-	10	10	-	13	13	-	15	15	-	15	15
56	-	2	2	-	4	4	-	18	18	-	25	25
57	-	16	16	-	5	5	-	11	11	-	11	11
58	-	2	2	-	7	7	-	4	4	-	12	12
59	-	2	2	-	-	-	-	9	9	-	9	9
60	-	2	2	-	8	8	-	-	-	-	4	4
61	-	4	4	-	5	5	-	4	4	-	3	3
62	-	4	4	-	1	1	-	1	1	-	3	3
63	-	-	-	-	-	-	-	1	1	-	2	2
64	-	-	-	-	1	1	-	2	2	-	2	2
65	-	-	-	-	3	3	-	-	-	-	-	-
TOTAL 0/00	453	547	1000	458	542	1000	438	562	1000	491	509	1000
SERIAL NUMBERS	-	-	-	-	-	-	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	2	-	-	3	-	-	5	-	-	5
NUMBER OF FISH MEASURED	-	-	515	-	-	747	-	-	1052	-	-	1102
MEAN LENGTH (CM)	-	-	43.20	-	-	42.97	-	-	44.40	-	-	45.20
MEAN WEIGHT (KG)	-	-	0.88	-	-	0.83	-	-	1.00	-	-	1.07
TOTAL WEIGHT LANDED (TONS)	-	-	156	-	-	334	-	-	683	-	-	464
ESTIMATED NUMBER LANDED	-	-	176591	-	-	402968	-	-	681310	-	-	433903
MESH SIZE (INCHES)	-	-	4-4 3/4	-	-	4-2	-	-	4-3	-	-	4-5 2/3
RANGE OF DEPTHS (FM)	-	-	35-55	-	-	35-95	-	-	34-110	-	-	40-135

1) MANILLA & TERYLENE

2) MANILLA & NYLON

3) MANILLA, NYLON & TERYLENE

TABLE 96
(CONT'D)

LENGTH FREQUENCIES - AMERICAN PLAICE - 3N - 1962

(FREQUENCIES IN ⁰/₀₀ - 1 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)					
CATCHES/LANDINGS	LANDINGS BEFORE DISCARD					
MONTH	OCTOBER			NOVEMBER		
COUNTRY	CANADA (NEWFOUNDLAND)					
SEX	⁰⁰ / ₀₀	⁰⁰ / ₀₀	TOT.	⁰⁰ / ₀₀	⁰⁰ / ₀₀	TOT.
TONNAGE	151-500					
26	-	-	-	1	-	1
27	-	2	2	1	-	1
28	-	-	-	-	1	1
29	5	-	5	2	1	3
30	3	-	3	4	1	5
31	5	-	5	5	3	8
32	9	6	15	11	3	14
33	12	5	17	14	6	20
34	17	14	31	11	11	22
35	29	11	40	22	8	30
36	15	9	24	18	13	31
37	36	11	47	27	6	33
38	26	8	34	25	6	31
39	29	11	40	23	10	33
40	25	11	36	28	17	45
41	29	16	45	31	10	41
42	34	11	45	33	14	47
43	41	16	57	29	16	45
44	37	20	57	33	18	51
45	51	5	56	27	23	50
46	26	20	46	26	34	60
47	34	28	62	21	31	52
48	31	25	56	13	31	44
49	23	26	49	13	38	51
50	11	22	33	3	38	41
51	5	25	30	3	30	33
52	3	37	40	1	40	41
53	-	20	20	-	33	33
54	-	26	26	-	25	25
55	-	14	14	-	21	21
56	-	12	12	-	26	26
57	-	14	14	-	17	17
58	-	16	16	-	8	8
59	-	14	14	-	6	6
60	-	2	2	-	8	8
61	-	5	5	-	4	4
62	-	-	-	-	8	8
63	-	-	-	-	4	4
64	-	-	-	-	2	2
65	-	2	2	-	1	1
66	-	-	-	-	1	1
67	-	-	-	-	1	1
70	-	-	-	-	1	1
TOTAL ⁰ / ₀₀	536	464	1000	425	575	1000
SERIAL NUMBERS	-	-	-	-	-	-
NUMBER OF SAMPLES	-	-	3	-	-	7
NUMBER OF FISH MEASURED	-	-	645	-	-	1467
MEAN LENGTH (CM)	-	-	44.44	-	-	45.20
MEAN WEIGHT (KG)	-	-	1.04	-	-	1.15
TOTAL WEIGHT LANDED (TONS)	-	-	610	-	-	848
ESTIMATED NUMBER LANDED	-	-	586084	-	-	738442
MESH SIZE (INCHES)	-	-	MANILLA 42-5	-	-	MANILLA 42-42
RANGE OF DEPTHS (FM)	-	-	45-190	-	-	35-140

TABLE 97 LENGTH FREQUENCIES - AMERICAN PLAICE - 4T - 1962 (FREQUENCIES IN $\frac{0}{100}$ - 1 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)								
CATCHES/LANDINGS	LANDINGS								
MONTH	JUNE			JUNE			JULY		
COUNTRY	CANADA (MARITIMES)								
SEX	♂	♀	TOT.	♂	♀	TOT.	♂	♀	TOT.
TONNAGE	0-25			51-150					
23	-	-	-	-	-	-	-	-	5
28	-	-	-	15	-	15	-	-	10
29	-	-	-	29	15	44	-	-	10
30	-	-	-	54	29	83	-	-	30
31	10	-	10	102	34	136	-	-	55
32	5	10	15	68	58	126	-	-	80
33	55	30	85	49	49	98	-	-	165
34	75	55	130	20	73	93	-	-	140
35	70	100	170	10	68	78	-	-	105
36	45	100	145	29	34	63	-	-	115
37	25	50	75	15	15	30	-	-	90
38	20	75	95	15	34	49	-	-	50
39	10	60	70	-	34	34	-	-	40
40	10	55	65	-	10	10	-	-	20
41	5	20	25	-	5	5	-	-	35
42	-	15	15	-	-	-	-	-	15
43	-	10	10	-	10	10	-	-	10
44	-	5	5	-	10	10	-	-	5
45	-	15	15	-	-	-	-	-	15
46	-	5	5	-	10	10	-	-	-
47	-	5	5	-	20	20	-	-	-
48	-	10	10	-	5	5	-	-	-
49	-	-	-	-	20	20	-	-	5
50	-	10	10	-	-	-	-	-	-
51	-	10	10	-	-	-	-	-	-
52	-	15	15	-	5	5	-	-	-
53	-	-	-	-	20	20	-	-	-
54	-	-	-	-	24	24	-	-	-
55	-	-	-	-	-	-	-	-	-
56	-	10	10	-	-	-	-	-	-
57	-	-	-	-	-	-	-	-	-
58	-	-	-	-	-	-	-	-	-
59	-	5	5	-	5	5	-	-	-
60	-	-	-	-	5	5	-	-	-
61	-	-	-	-	-	-	-	-	-
62	-	-	-	-	5	5	-	-	-
TOTAL $\frac{0}{100}$	330	670	1000	406	597	1003	-	-	1000
SERIAL NUMBERS	-	-	171	-	-	172	-	-	183
NUMBER OF SAMPLES	-	-	1	-	-	1	-	-	1
NUMBER OF FISH MEASURED	66	134	200	83	122	205	-	-	200
MEAN LENGTH (CM)	-	-	37.48	-	-	35.64	-	-	35.10
MEAN WEIGHT (KG)	-	-	0.63	-	-	0.53	-	-	0.58
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-
MESH SIZE (INCHES)	-	-	4 $\frac{1}{2}$	-	-	4 $\frac{3}{8}$	-	-	4 $\frac{1}{2}$
RANGE OF DEPTHS (FM)	-	-	30-40	-	-	50-60	-	-	-

TABLE 97
(CONT'D)

LENGTH FREQUENCIES - AMERICAN PLAICE - 4T - 1962

(FREQUENCIES IN 0/00 - 1 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)								
	LANDINGS								
MONTH	AUGUST			SEPTEMBER			SEPTEMBER		
COUNTRY	CANADA (MARITIMES)								
SEX	00	00	TOT.	00	00	TOT.	00	00	TOT.
TONNAGE	26-50								
27	-	-	-	-	-	-	-	-	2
28	-	-	-	6	-	6	-	-	2
29	-	-	-	-	-	-	-	-	10
30	5	-	5	6	-	6	-	-	32
31	5	5	10	-	6	6	-	-	65
32	10	10	20	6	44	50	-	-	105
33	20	-	20	28	22	50	-	-	90
34	25	35	60	11	44	55	-	-	118
35	15	20	35	16	22	38	-	-	90
36	-	45	45	22	27	49	-	-	55
37	15	35	50	22	27	49	-	-	72
38	10	20	30	22	22	44	-	-	80
39	10	35	45	16	60	76	-	-	45
40	5	45	50	16	11	27	-	-	32
41	5	50	55	6	56	62	-	-	40
42	5	15	20	-	22	22	-	-	12
43	5	25	30	-	22	22	-	-	28
44	5	85	90	11	16	27	-	-	18
45	5	30	35	6	27	33	-	-	8
46	-	65	65	-	11	11	-	-	20
47	-	35	35	-	44	44	-	-	8
48	-	40	40	-	38	38	-	-	10
49	-	30	30	-	33	33	-	-	8
50	-	25	25	-	49	49	-	-	10
51	-	15	15	-	22	22	-	-	8
52	5	55	60	-	11	11	-	-	8
53	-	30	30	-	27	27	-	-	2
54	-	30	30	-	33	33	-	-	2
55	-	40	40	-	22	22	-	-	2
56	-	5	5	-	16	16	-	-	2
57	-	5	5	-	16	16	-	-	2
58	-	10	10	-	16	16	-	-	8
59	-	5	5	-	11	11	-	-	-
60	-	-	-	-	11	11	-	-	-
61	-	5	5	-	-	-	-	-	2
62	-	-	-	-	11	11	-	-	-
63	-	-	-	-	6	6	-	-	-
64	-	-	-	-	-	-	-	-	-
65	-	-	-	-	-	-	-	-	-
66	-	-	-	-	-	-	-	-	2
TOTAL 0/00	150	850	1000	194	805	999	-	-	998
SERIAL NUMBERS	-	-	178	-	-	175	-	-	176
NUMBER OF SAMPLES	-	-	1	-	-	1	-	-	1
NUMBER OF FISH MEASURED	30	170	200	35	147	182	-	-	400
MEAN LENGTH (CM)	-	-	43.62	-	-	43.09	-	-	36.92
MEAN WEIGHT (KG)	-	-	0.71	-	-	0.93	-	-	0.62
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-
MESH SIZE (INCHES)	-	-	4½	-	-	4 3/8	-	-	4½
RANGE OF DEPTHS (FM)	-	-	18-20	-	-	20-40	-	-	15-20

TABLE 97 LENGTH FREQUENCIES - AMERICAN PLAICE - 4T - 1962 (FREQUENCIES IN 0/00 - 1 CM GROUPS)
(CONT'D)

GEAR	DANISH SEINE (COMMERCIAL)											
	LANDINGS											
CATCHES/LANDINGS	JUNE			JULY			SEPTEMBER			OCTOBER		
MONTH	CANADA (MARITIMES)											
COUNTRY	06	99	TOT.	06	99	TOT.	06	99	TOT.	06	99	TOT.
SEX	26-50											
TONNAGE	26-50											
27	-	-	-	-	-	10	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	2	-	10	10
29	-	-	-	-	-	10	-	-	5	-	10	10
30	27	-	27	-	-	20	-	-	25	20	20	40
31	40	7	47	-	-	40	-	-	48	10	60	70
32	80	13	93	-	-	80	-	-	82	20	50	70
33	67	33	100	-	-	50	-	-	78	20	40	60
34	100	67	167	-	-	100	-	-	78	50	50	100
35	60	27	87	-	-	170	-	-	108	20	50	70
36	27	80	107	-	-	150	-	-	95	30	70	100
37	13	27	40	-	-	110	-	-	92	10	40	50
38	20	33	53	-	-	20	-	-	72	-	30	30
39	13	33	46	-	-	70	-	-	50	10	20	30
40	7	13	20	-	-	60	-	-	25	-	-	-
41	-	-	-	-	-	40	-	-	30	20	20	40
42	-	-	-	-	-	-	-	-	28	-	40	40
43	-	27	27	-	-	10	-	-	12	-	40	40
44	-	13	13	-	-	10	-	-	20	10	10	20
45	-	13	13	-	-	-	-	-	12	10	10	20
46	-	13	13	-	-	-	-	-	15	-	20	20
47	-	7	7	-	-	10	-	-	18	-	10	10
48	-	-	-	-	-	10	-	-	20	-	30	30
49	-	20	20	-	-	-	-	-	12	-	20	20
50	-	7	7	-	-	-	-	-	20	-	10	10
51	-	7	7	-	-	-	-	-	20	-	30	30
52	-	20	20	-	-	-	-	-	2	-	-	-
53	-	13	13	-	-	10	-	-	12	-	-	-
54	-	7	7	-	-	-	-	-	8	-	20	20
55	-	13	13	-	-	10	-	-	2	-	10	10
56	-	7	7	-	-	-	-	-	-	-	10	10
57	-	20	20	-	-	-	-	-	2	-	10	10
58	-	7	7	-	-	-	-	-	-	-	20	20
59	-	-	-	-	-	-	-	-	-	-	-	-
60	-	7	7	-	-	-	-	-	-	-	-	-
61	-	7	7	-	-	-	-	-	-	-	-	-
62	-	-	-	-	-	10	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	5	-	-	-
64	-	7	7	-	-	-	-	-	-	-	10	10
TOTAL 0/00	454	548	1002	-	-	1000	-	-	998	290	770	1000
SERIAL NUMBERS	-	-	170	-	-	182	-	-	173	-	-	177
NUMBER OF SAMPLES	-	-	1	-	-	1	-	-	1	-	-	1
NUMBER OF FISH MEASURED	68	82	150	-	-	100	-	-	400	29	77	100
MEAN LENGTH (CM)	-	-	38.12	-	-	36.48	-	-	37.81	-	-	39.28
MEAN WEIGHT (KG)	-	-	0.59	-	-	0.55	-	-	0.65	-	-	0.72
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-	-	-	-
MESH SIZE (INCHES)	-	-	4½	-	-	4½	-	-	4½	-	-	-
RANGE OF DEPTHS (FM)	-	-	25-35	-	-	-	-	-	20-25	-	-	20-30

TABLE 98 LENGTH FREQUENCIES - AMERICAN PLAICE - 4VN - 1962 (FREQUENCIES IN %/00 - 1 CM GROUPS)

GEAR	DANISH SEINE (COMMERCIAL)		
CATCHES/LANDINGS	LANDINGS		
MONTH	SEPTEMBER		
COUNTRY	CANADA (MARITIMES)		
SEX	00	00	TOT.
TONNAGE	51-150		
31	8	-	8
32	-	-	-
33	8	-	8
34	16	8	24
35	8	8	16
36	8	24	32
37	49	73	122
38	24	106	130
39	24	57	81
40	8	163	171
41	8	33	41
42	-	49	49
43	-	98	98
44	-	41	41
45	-	16	16
46	-	33	33
47	-	8	8
48	-	16	16
49	-	16	16
50	-	41	41
51	-	-	-
52	-	-	-
53	-	-	-
54	-	8	8
55	-	8	8
56	-	8	8
57	-	-	-
58	-	16	16
59	-	8	8
TOTAL %/00	161	838	999
SERIAL NUMBERS	-	-	181
NUMBER OF SAMPLES	-	-	1
NUMBER OF FISH MEASURED	20	103	123
MEAN LENGTH (CM)	-	-	41.23
MEAN WEIGHT (KG)	-	-	0.68
TOTAL WEIGHT LANDED (TONS)	-	-	-
ESTIMATED NUMBER LANDED	-	-	-
MESH SIZE (INCHES)	-	-	4½
RANGE OF DEPTHS (FM)	-	-	60-80

TABLE 99

LENGTH FREQUENCIES - AMERICAN PLAICE - 4W - 1962

(FREQUENCIES IN ‰ - 1 CM GROUPS)

GEAR	OTTER TRAWL						DANISH SEINE		
	(COMMERCIAL)								
CATCHES/LANDINGS	LANDINGS								
MONTH	MAY			OCTOBER			AUGUST		
COUNTRY	CANADA (MARITIMES)								
SEX	♂	♀	Tot.	♂	♀	Tot.	♂	♀	Tot.
TONNAGE	151-500						0-25		
21	-	-	-	-	-	-	8	-	8
22	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	8	-	8
26	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	33	33
28	-	-	-	-	-	-	8	17	25
29	-	-	-	-	-	-	-	8	8
30	-	-	-	-	-	-	8	25	33
31	-	-	-	-	-	-	8	33	41
32	-	-	-	-	-	-	8	74	82
33	-	-	-	9	-	9	8	74	82
34	-	-	-	-	-	-	-	74	74
35	-	-	-	-	9	9	-	99	99
36	-	-	-	9	-	9	-	58	58
37	-	9	9	18	-	18	-	66	66
38	9	9	18	18	-	18	-	124	124
39	9	27	36	35	26	61	-	58	58
40	27	36	63	79	-	79	-	33	33
41	9	36	45	26	35	61	-	33	33
42	54	9	63	70	26	96	-	50	50
43	27	54	81	61	26	87	-	17	17
44	18	54	72	26	26	52	-	25	25
45	18	9	27	-	44	44	-	17	17
46	36	45	81	9	61	70	-	25	25
47	9	36	45	18	18	36	-	-	-
48	54	36	90	-	26	26	-	-	-
49	9	27	36	-	44	44	-	-	-
50	18	9	27	-	35	35	-	-	-
51	-	63	63	9	53	62	-	-	-
52	-	36	36	-	26	26	-	-	-
53	9	18	27	-	26	26	-	-	-
54	-	27	27	-	35	35	-	-	-
55	-	18	18	-	35	35	-	-	-
56	-	36	36	-	35	35	-	-	-
57	-	18	18	-	9	9	-	-	-
58	-	27	27	-	-	-	-	-	-
59	-	-	-	-	-	-	-	-	-
60	-	9	9	-	9	9	-	-	-
61	-	18	18	-	-	-	-	-	-
62	-	18	18	-	-	-	-	-	-
67	-	9	9	-	-	-	-	-	-
69	-	-	-	-	9	9	-	-	-
TOTAL ‰	306	693	999	387	613	1000	56	943	999
SERIAL NUMBERS	-	-	179	-	-	180	-	-	174
NUMBER OF SAMPLES	-	-	1	-	-	1	-	-	1
NUMBER OF FISH MEASURED	34	77	111	44	70	114	7	114	121
MEAN LENGTH (CM)	-	-	47.55	-	-	45.77	-	-	35.82
MEAN WEIGHT (KG)	-	-	1.08	-	-	1.01	-	-	0.44
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-
MESH SIZE (INCHES)	-	-	4½	-	-	4½	-	-	4
RANGE OF DEPTHS (FM)	-	-	40-52	-	-	34	-	-	16

TABLE 100

LENGTH FREQUENCIES - WITCH - 4T - 1962

(FREQUENCIES IN % - 1 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)			DANISH SEINE (COMMERCIAL)		
	LANDINGS			LANDINGS		
CATCHES/LANDINGS	AUGUST			SEPTEMBER		
MONTH	CANADA (MARITIMES)					
COUNTRY	06	09	TOT.	06	09	TOT.
SEX	51-150			26-50		
TONNAGE						
30	-	5	5	-	-	-
31	-	5	5	-	-	-
32	-	5	5	-	-	-
33	10	5	15	-	-	-
34	10	10	20	-	-	-
35	26	21	47	-	-	-
36	16	21	37	-	-	-
37	31	36	67	-	-	-
38	31	36	67	-	-	-
39	10	83	93	-	-	-
40	21	73	94	13	-	13
41	26	93	119	13	7	20
42	10	41	51	20	-	20
43	5	16	21	20	-	20
44	5	47	52	26	-	26
45	5	36	41	26	7	33
46	-	36	36	52	20	72
47	-	16	16	-	20	20
48	5	5	10	20	13	33
49	-	16	16	13	-	13
50	-	10	10	7	-	7
51	-	36	36	20	39	59
52	-	26	26	13	65	78
53	-	26	26	7	124	131
54	-	21	21	-	78	78
55	-	10	10	-	72	72
56	5	21	26	-	91	91
57	-	10	10	7	78	85
58	-	5	5	-	52	52
59	-	-	-	-	33	33
60	-	5	5	-	26	26
61	-	5	5	-	7	7
62	-	-	-	-	7	7
63	-	-	-	-	7	7
TOTAL %/00	216	781	997	257	746	1003
SERIAL NUMBERS	-	-	162	-	-	166
NUMBER OF SAMPLES	-	-	1	-	-	1
NUMBER OF FISH MEASURED	42	151	193	39	114	153
MEAN LENGTH (CM)	-	-	42.56	-	-	52.28
MEAN WEIGHT (KG)	-	-	0.57	-	-	1.18
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-
MESH SIZE (INCHES)	-	-	4½	-	-	4½
RANGE OF DEPTHS (FM)	-	-	100-125	-	-	19-21

TABLE 101

LENGTH FREQUENCIES - WITCH - 4VN - 1962

(FREQUENCIES IN 0/00 - 1 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)			DANISH SEINE (COMMERCIAL)		
CATCHES/LANDINGS	LANDINGS					
MONTH	NOVEMBER			SEPTEMBER		
COUNTRY	CANADA (MARITIMES)					
SEX	♂	♀	TOT.	♂	♀	TOT.
TONNAGE	51-150					
31	-	5	5	-	-	-
32	-	-	-	15	25	40
33	-	15	15	15	30	45
34	10	15	25	25	60	85
35	10	20	30	50	60	110
36	20	55	75	25	65	90
37	25	40	65	30	70	100
38	25	60	85	5	55	60
39	-	65	65	20	60	80
40	30	55	85	10	60	70
41	35	40	75	10	55	65
42	5	40	45	-	40	40
43	5	15	20	5	25	30
44	15	50	65	-	15	15
45	-	35	35	-	30	30
46	5	45	50	-	25	25
47	20	30	50	-	20	20
48	-	15	15	-	5	5
49	5	15	20	-	20	20
50	-	10	10	-	5	5
51	-	5	5	-	15	15
52	-	10	10	-	10	10
53	-	15	15	-	25	25
54	-	20	20	-	5	5
55	-	50	50	-	5	5
56	-	20	20	-	-	-
57	-	25	25	-	5	5
58	-	5	5	-	-	-
59	-	10	10	-	-	-
60	-	5	5	-	-	-
TOTAL 0/00	210	790	1000	210	790	1000
SERIAL NUMBERS	-	-	167	-	-	165
NUMBER OF SAMPLES	-	-	1	-	-	1
NUMBER OF FISH MEASURED	42	158	200	42	158	200
MEAN LENGTH (CM)	-	-	43.06	-	-	39.29
MEAN WEIGHT (KG)	-	-	0.62	-	-	0.63
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-
MESH SIZE (INCHES)	-	-	3 1/5	-	-	4 1/2
RANGE OF DEPTHS (FM)	-	-	120-125	-	-	60-80

TABLE 102

LENGTH FREQUENCIES - WITCH - 4W - 1962

(FREQUENCIES IN % - 1 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)			DANISH SEINE (COMMERCIAL)		
	LANDINGS			LANDINGS		
CATCHES/LANDINGS	SEPTEMBER			AUGUST		
MONTH	SEPTEMBER			AUGUST		
COUNTRY	CANADA (MARITIMES)					
SEX	♂	♀	TOT.	♂	♀	TOT.
TONNAGE	151-500			0-25		
33	11	6	17	-	-	-
34	6	6	12	-	-	-
35	39	-	39	-	-	-
36	50	-	50	5	-	5
37	61	11	72	-	-	-
38	73	11	84	-	-	-
39	28	6	34	10	-	10
40	67	22	89	50	-	50
41	33	17	50	45	-	45
42	45	50	95	65	-	65
43	17	28	45	45	-	45
44	33	39	72	60	5	65
45	22	73	95	80	5	85
46	11	28	39	80	10	90
47	-	50	50	80	10	90
48	6	39	45	85	25	110
49	6	22	28	55	20	75
50	11	6	17	35	35	70
51	6	6	12	15	20	35
52	-	22	22	25	15	40
53	-	-	-	20	20	40
54	-	-	-	10	10	20
55	-	6	6	5	5	10
56	-	11	11	-	15	15
57	-	6	6	-	10	10
58	-	6	6	-	10	10
59	-	-	-	-	5	5
60	-	-	-	-	5	5
61	-	-	-	-	5	5
62	-	6	6	-	-	-
TOTAL %	525	477	1002	770	230	1000
SERIAL NUMBERS	-	-	164	-	-	163
NUMBER OF SAMPLES	-	-	1	-	-	1
NUMBER OF FISH MEASURED	94	85	179	154	46	200
MEAN LENGTH (CM)	-	-	42.50	-	-	47.10
MEAN WEIGHT (KG)	-	-	0.57	-	-	0.85
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-
MESH SIZE (INCHES)	-	-	4½	-	-	4
RANGE OF DEPTHS (FM)	-	-	22-80	-	-	16

TABLE 103. LENGTH FREQUENCIES - YELLOWTAIL - 4W - 1962 (FREQUENCIES IN $\frac{0}{00}$ - 1 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)											
CATCHES/LANDINGS	LANDINGS											
MONTH	JANUARY			MAY			JULY			SEPTEMBER		
COUNTRY	CANADA (MARITIMES)											
SEX	♂	♀	Tot.	♂	♀	Tot.	♂	♀	Tot.	♂	♀	Tot.
TONNAGE	151-500											
30	-	-	-	-	-	-	6	-	6	-	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-
32	-	-	-	-	-	-	-	-	-	-	-	-
33	-	4	4	-	-	-	-	-	-	-	-	-
34	8	4	12	-	9	9	6	18	24	11	5	16
35	16	40	56	9	-	9	6	30	36	-	16	16
36	44	40	84	-	-	-	30	36	66	16	27	43
37	32	56	88	-	-	-	36	36	72	48	21	69
38	52	52	104	9	9	18	36	49	85	54	54	108
39	32	73	105	35	35	70	6	49	55	37	91	128
40	36	69	105	35	35	70	24	67	91	32	112	144
41	16	48	64	44	27	71	12	73	85	5	70	75
42	12	56	68	71	44	115	12	91	103	-	91	91
43	8	48	56	27	106	133	6	67	73	5	123	128
44	-	89	89	18	71	89	6	79	85	-	64	64
45	4	36	40	-	97	97	-	61	61	-	64	64
46	4	36	40	18	88	106	-	55	55	5	27	32
47	-	48	48	-	97	97	6	55	61	-	21	21
48	4	12	16	-	71	71	-	24	24	-	-	-
49	4	12	16	-	35	35	-	18	18	-	-	-
50	-	-	-	-	9	9	-	-	-	-	-	-
51	-	-	-	-	-	-	-	-	-	-	-	-
52	-	-	-	-	-	-	-	-	-	-	-	-
53	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-	-	-
57	-	-	-	-	-	-	-	-	-	-	-	-
58	-	-	-	-	-	-	-	-	-	-	-	-
59	-	4	4	-	-	-	-	-	-	-	-	-
TOTAL $\frac{0}{00}$	272	727	999	266	733	999	192	808	1000	213	786	999
SERIAL NUMBERS	-	-	158	-	-	159	-	-	160	-	-	161
NUMBER OF SAMPLES	-	-	1	-	-	1	-	-	1	-	-	1
NUMBER OF FISH MEASURED	68	180	248	30	83	113	32	133	165	40	147	187
MEAN LENGTH (CM)	-	-	40.56	-	-	43.63	-	-	41.18	-	-	40.66
MEAN WEIGHT (KG)	-	-	0.78	-	-	0.93	-	-	0.68	-	-	0.60
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-	-	-	-	-	-	-
MESH SIZE (INCHES)	-	-	4 3/4	-	-	4 1/2	-	-	4 3/4	-	-	4 1/2
RANGE OF DEPTHS (FM)	-	-	75-90	-	-	40-52	-	-	30-40	-	-	22-80

TABLE 104 LENGTH FREQUENCIES - WINTER FLOUNDER - 4T - 1962 (FREQUENCIES IN ‰ - 1 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)					
CATCHES/LANDINGS	LANDINGS					
MONTH	JULY			SEPTEMBER		
COUNTRY	CANADA (MARITIMES)					
SEX	♂	♀	Tot.	♂	♀	Tot.
TONNAGE	26-50					
26	-	-	-	5	-	5
27	10	-	10	-	-	-
28	20	15	35	-	-	-
29	20	25	45	-	-	-
30	25	20	45	-	5	5
31	55	55	110	15	10	25
32	75	55	130	10	30	40
33	45	55	100	25	45	70
34	35	25	60	10	55	65
35	20	55	75	30	80	110
36	15	90	105	-	75	75
37	30	45	75	10	85	95
38	20	70	90	-	75	75
39	5	35	40	5	85	90
40	5	15	20	5	90	95
41	-	20	20	-	70	70
42	-	5	5	-	95	95
43	-	-	-	-	30	30
44	-	5	5	-	20	20
45	-	20	20	-	10	10
46	-	-	-	-	15	15
47	-	10	10	-	5	5
48	-	-	-	-	5	5
TOTAL ‰	380	620	1000	115	885	1000
SERIAL NUMBERS	-	-	156	-	-	157
NUMBER OF SAMPLES	-	-	1	-	-	1
NUMBER OF FISH MEASURED	76	124	200	23	177	200
MEAN LENGTH (CM)	-	-	34.40	-	-	37.72
MEAN WEIGHT (KG)	-	-	0.57	-	-	0.94
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-	-
MESH SIZE (INCHES)	-	-	4 $\frac{1}{2}$	-	-	4 $\frac{1}{3}$
RANGE OF DEPTHS (FM)	-	-	20	-	-	10

TABLE 105 LENGTH FREQUENCIES - WINTER FLOUNDER - 4X - 1962 (FREQUENCIES IN %/00 - 1 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)		
CATCHES/LANDINGS	LANDINGS		
MONTH	JUNE		
COUNTRY	CANADA (MARITIMES)		
SEX	♂	♀	Tot.
TONNAGE	0-25		
26	-	-	17
27	-	-	-
28	-	-	-
29	-	-	8
30	-	-	50
31	-	-	17
32	-	-	8
33	-	-	42
34	-	-	67
35	-	-	50
36	-	-	67
37	-	-	89
38	-	-	125
39	-	-	108
40	-	-	92
41	-	-	50
42	-	-	58
43	-	-	25
44	-	-	50
45	-	-	33
46	-	-	17
47	-	-	17
48	-	-	8
49	-	-	-
50	-	-	-
51	-	-	-
52	-	-	-
53	-	-	-
54	-	-	8
TOTAL %/00	-	-	1000
SERIAL NUMBERS	-	-	155
NUMBER OF SAMPLES	-	-	1
NUMBER OF FISH MEASURED	-	-	120
MEAN LENGTH (CM)	-	-	38.14
MEAN WEIGHT (KG)	-	-	0.76
TOTAL WEIGHT LANDED (TONS)	-	-	-
ESTIMATED NUMBER LANDED	-	-	-
MESH SIZE (INCHES)	-	-	4½
RANGE OF DEPTHS (FM)	-	-	20-30

TABLE 106

LENGTH FREQUENCIES - POLLOCK - 3P - 1962

(FREQUENCIES IN ‰ - 3 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)	
CATCHES/LANDINGS	CATCHES AFTER DISCARD	
MONTH	JANUARY	APRIL
COUNTRY	UNITED KINGDOM	
TONNAGE	OVER 1800	
57-59	-	32
60-62	6	16
63-65	11	16
66-68	12	48
69-71	31	65
72-74	35	65
75-77	53	97
78-80	19	113
81-83	169	210
84-86	191	129
87-89	204	113
90-92	124	32
93-95	89	32
96-98	55	16
99-101	-	16
TOTAL ‰	999	1000
SERIAL NUMBERS	-	-
NUMBER OF SAMPLES	2	1
NUMBER OF FISH MEASURED	299	62
MEAN LENGTH (CM)	-	-
MEAN WEIGHT (KG)	-	-
TOTAL WEIGHT LANDED (TONS)	67	5
ESTIMATED NUMBER LANDED	10660	1143
MESH SIZE	-	-
RANGE OF DEPTHS (FM)	-	-

TABLE 107 LENGTH FREQUENCIES - POLLOCK - 4VN - 1962 (FREQUENCIES IN ‰ - 2 CM GROUPS)

GEAR	TRAP (COMMERCIAL)
CATCHES/LANDINGS	CATCHES
MONTH	JULY
COUNTRY	CANADA (MARITIMES)
TONNAGE	NK
54-55	11
56-57	11
58-59	34
60-61	22
62-63	-
64-65	11
66-67	22
68-69	39
70-71	73
72-73	117
74-75	117
76-77	112
78-79	95
80-81	140
82-83	67
84-85	45
86-87	17
88-89	39
90-91	6
92-93	22
TOTAL ‰	1000
SERIAL NUMBERS	142
NUMBER OF SAMPLES	1
NUMBER OF FISH MEASURED	179
MEAN LENGTH (CM)	75.86
MEAN WEIGHT (KG)	5.07
TOTAL WEIGHT LANDED (TONS)	-
ESTIMATED NUMBER LANDED	-
MESH OR HOOK SIZE	-
RANGE OF DEPTHS (FM)	-

TABLE 108

LENGTH FREQUENCIES - POLLOCK - 4Vs - 1962

(FREQUENCIES IN % - 2 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)
CATCHES/LANDINGS	LANDINGS
MONTH	MAY
COUNTRY	CANADA (MARITIMES)
TONNAGE	151-500
48-49	5
50-51	20
52-53	100
54-55	150
56-57	125
58-59	90
60-61	65
62-63	40
64-65	35
66-67	10
68-69	15
70-71	35
72-73	35
74-75	60
76-77	25
78-79	60
80-81	55
82-83	35
84-85	30
86-87	5
88-89	-
90-91	-
92-93	-
94-95	-
96-97	5
TOTAL %	1000
SERIAL NUMBERS	141
NUMBER OF SAMPLES	1
NUMBER OF FISH MEASURED	200
MEAN LENGTH (CM)	64.25
MEAN WEIGHT (KG)	3.73
TOTAL WEIGHT LANDED (TONS)	-
ESTIMATED NUMBER LANDED	-
MESH SIZE (INCHES)	4½
RANGE OF DEPTHS (FM)	75-90

TABLE 109 LENGTH FREQUENCIES - POLLOCK - 4W - 1962 (FREQUENCIES IN %/00 - 2 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)		
	LANDINGS		
CATCHES/LANDINGS	MARCH	NOVEMBER	DECEMBER
MONTH	CANADA (MARITIMES)		
COUNTRY	151-500		
TONNAGE			
64-55	9	14	-
56-57	9	18	-
58-59	-	9	-
60-61	34	32	28
62-63	17	9	19
64-65	26	27	28
66-67	147	45	28
68-69	34	36	47
70-71	138	54	121
72-73	86	86	109
74-75	60	149	109
76-77	95	162	94
78-79	34	126	159
80-81	86	90	109
82-83	95	54	56
84-85	9	45	19
86-87	52	18	37
88-89	26	13	9
90-91	-	13	37
92-93	9	-	9
94-95	9	-	-
96-97	-	-	-
98-99	9	-	-
100-101	17	-	-
TOTAL %/00	1001	1000	1000
SERIAL NUMBERS	138-139	145-146	144
NUMBER OF SAMPLES	2	2	1
NUMBER OF FISH MEASURED	116	222	107
MEAN LENGTH (CM)	74.79	74.82	75.81
MEAN WEIGHT (KG)	4.69	4.41	4.58
TOTAL WEIGHT LANDED (TONS)	-	-	-
ESTIMATED NUMBER LANDED	-	-	-
MESH SIZE (INCHES)	4½-4 5/8	4½	4 3/4
RANGE OF DEPTHS (FM)	46-52	23-68	28-34

TABLE 110

LENGTH FREQUENCIES - POLLOCK - 4X - 1962

(FREQUENCIES IN ‰ - 2 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)	
	LANDINGS	
CATCHES/LANDINGS	MAY	OCTOBER
MONTH	CANADA (MARITIMES)	
COUNTRY	26-50	51-150
TONNAGE		
42-43	-	9
44-45	-	-
46-47	-	26
48-49	5	18
50-51	22	-
52-53	33	-
54-55	50	18
56-57	99	26
58-59	82	18
60-61	61	26
62-63	82	61
64-65	61	132
66-67	44	123
68-69	72	167
70-71	115	114
72-73	110	61
74-75	55	79
76-77	82	52
78-79	22	52
80-81	-	-
82-83	-	18
84-85	-	-
86-87	5	-
TOTAL ‰	1000	1000
SERIAL NUMBERS	140	143
NUMBER OF SAMPLES	1	1
NUMBER OF FISH MEASURED	182	114
MEAN LENGTH (CM)	65.42	67.38
MEAN WEIGHT (KG)	3.75	3.98
TOTAL WEIGHT LANDED (TONS)	-	-
ESTIMATED NUMBER LANDED	-	-
MESH SIZE (INCHES)	4½	4½
RANGE OF DEPTHS (FM)	86-92	-

TABLE III

LENGTH FREQUENCIES - SILVER HAKE - 4W - 1962

(FREQUENCIES IN $\%_{00}$ - 2 CM GROUPS)

GEAR	OTTER TRAWL (RESEARCH)	
CATCHES/LANDINGS	CATCHES	
MONTH	JULY	DECEMBER
COUNTRY	U. S. S. R.	
TONNAGE	NK	
18-19	3	1
20-21	6	8
22-23	14	50
24-25	116	358
26-27	173	389
28-29	140	119
30-31	185	44
32-33	150	23
34-35	111	8
36-37	60	-
38-39	28	-
40-41	10	-
42-43	3	-
44-45	1	-
TOTAL $\%_{00}$	1000	1000
SERIAL NUMBERS	-	-
NUMBER OF SAMPLES	6	6
NUMBER OF FISH MEASURED	1649	1841
MEAN LENGTH (CM)	30.1	26.1
MEAN WEIGHT (KG)	-	0.1
TOTAL WEIGHT LANDED (TONS)	-	-
ESTIMATED NUMBER LANDED	-	-
MESH SIZE (MM)	40	40
RANGE OF DEPTHS (FM)	50-140	50-140

TABLE 112

LENGTH FREQUENCIES - SILVER HAKE - 52 - 1962

(FREQUENCIES IN ‰ - 2 CM GROUPS)

GEAR	OTTER TRAWL (COMMERCIAL)		OTTER TRAWL (COMMERCIAL & RESEARCH)		
	CATCHES/LANDINGS		CATCHES		
MONTH	JULY	AUGUST	JUNE	JULY	AUGUST
COUNTRY	U. S. S. R.				
TONNAGE	NK				
20-21	14	-	-	-	-
22-23	21	-	4	-	-
24-25	78	-	12	2	-
26-27	114	106	29	20	10
28-29	157	124	120	120	161
30-31	211	216	270	341	370
32-33	212	205	240	311	321
34-35	101	36	130	134	109
36-37	41	25	58	42	19
38-39	22	25	29	9	6
40-41	7	23	25	3	2
42-43	7	18	21	4	-
44-45	4	47	22	1	-
46-47	3	55	12	-	2
48-49	3	50	8	2	-
50-51	1	29	8	2	-
52-53	2	15	3	2	-
54-55	1	15	4	4	-
56-57	1	11	1	2	-
58-59	-	-	2	-	-
60-61	-	-	2	1	-
TOTAL ‰	1000	1000	1000	1000	1000
SERIAL NUMBERS	-	-	-	-	-
NUMBER OF SAMPLES	10	2	14	10	2
NUMBER OF FISH MEASURED	2014	551	4017	3250	577
MEAN LENGTH (CM)	30.7	35.0	33.3	32.0	31.4
MEAN WEIGHT (KG)	-	-	0.245	-	-
TOTAL WEIGHT LANDED (TONS)	-	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-	-
MESH SIZE (MM)	40	40	40	40	40
RANGE OF DEPTHS (FM)	30-60	30-60	50-100	50-100	50-100

TABLE 113 LENGTH FREQUENCIES - HAKE - 4T - 1962 (FREQUENCIES IN ‰ - 2 CM GROUPS)

GEAR	OTTER TRAWL			GILL NET
	(COMMERCIAL)			
CATCHES/LANDINGS	LANDINGS			
MONTH	JULY	SEPTEMBER	OCTOBER	OCTOBER
COUNTRY	CANADA (MARITIMES)			
TONNAGE	26-50		51-150	0-25
38-39	-	-	4	-
40-41	-	-	9	-
42-43	-	-	27	-
44-45	-	-	45	-
46-47	-	11	99	-
48-49	-	7	99	-
50-51	-	67	130	-
52-53	70	106	81	18
54-55	81	56	67	36
56-57	47	42	81	73
58-59	58	49	45	-
60-61	116	64	63	91
62-63	93	85	45	91
64-65	116	64	40	18
66-67	58	78	18	36
68-69	47	39	18	55
70-71	93	60	27	55
72-73	47	67	13	127
74-75	23	42	27	73
76-77	35	25	18	91
78-79	23	39	18	55
80-81	12	18	-	36
82-83	-	18	4	55
84-85	23	7	13	55
86-87	12	35	-	-
88-89	-	7	4	18
90-91	-	7	4	18
92-93	23	-	-	-
94-95	-	-	-	-
96-97	-	4	-	-
98-99	-	4	-	-
106-107	12	-	-	-
108-109	12	-	-	-
TOTAL ‰	1001	1001	999	1001
SERIAL NUMBERS	150	147	148	149
NUMBER OF SAMPLES	1	1	1	1
NUMBER OF FISH MEASURED	86	283	223	55
MEAN LENGTH (CM)	66.28	64.97	56.23	70.58
MEAN WEIGHT (KG)	2.53	2.31	1.63	2.56
TOTAL WEIGHT LANDED (TONS)	-	-	-	-
ESTIMATED NUMBER LANDED	-	-	-	-
MESH SIZE (INCHES)	4½	4½	4½	5 3/4
RANGE OF DEPTHS (FM)	-	16-22	19-22	12-14

TABLE 114

LENGTH FREQUENCIES - HAKE - 4X - 1962

(FREQUENCIES IN ‰ - 2 CM GROUPS)

GEAR	LONG LINE (COMMERCIAL)
CATCHES/LANDINGS	LANDINGS
MONTH	OCTOBER
COUNTRY	CANADA (MARITIMES)
TONNAGE	26-50
46-47	16
48-49	-
50-51	33
52-53	33
54-55	33
56-57	65
58-59	89
60-61	24
62-63	65
64-65	57
66-67	73
68-69	89
70-71	98
72-73	33
74-75	106
76-77	33
78-79	16
80-81	8
82-83	33
84-85	16
86-87	16
88-89	16
90-91	8
92-93	-
94-95	8
96-97	-
98-99	16
100-101	-
102-103	-
104-105	16
TOTAL ‰/00	1000
SERIAL NUMBERS	151
NUMBER OF SAMPLES	1
NUMBER OF FISH MEASURED	123
MEAN LENGTH (CM)	66.39
MEAN WEIGHT (KG)	3.54
TOTAL WEIGHT LANDED (TONS)	-
ESTIMATED NUMBER LANDED	-
HOOK SIZE	6/0
RANGE OF DEPTHS (FM)	-

TABLE 115

LENGTH FREQUENCIES - CUSK - 4X - 1962

(FREQUENCIES IN ‰ - 2 CM GROUPS)

GEAR CATCHES/LANDINGS MONTH COUNTRY TONNAGE	LONG LINE (COMMERCIAL)		
	LANDINGS		
	MARCH	MAY	OCTOBER
	CANADA (MARITIMES)		
	26-50	0-25	26-50
32-33	-	16	-
34-35	-	12	-
36-37	10	4	-
38-39	10	19	-
40-41	20	58	-
42-43	90	31	-
44-45	70	47	-
46-47	30	68	-
48-49	110	94	17
50-51	60	100	67
52-53	20	42	39
54-55	30	100	51
56-57	70	115	112
58-59	80	58	107
60-61	40	58	101
62-63	90	58	107
64-65	20	33	101
66-67	60	42	101
68-69	-	21	34
70-71	70	10	22
72-73	40	2	22
74-75	20	2	34
76-77	-	9	22
78-79	20	2	17
80-81	-	-	28
82-83	-	-	17
84-85	-	-	-
86-87	10	-	-
88-89	10	-	-
90-91	10	-	-
92-93	-	-	-
94-95	-	-	-
96-97	10	-	-
TOTAL ‰	1000	1001	999
SERIAL NUMBERS	152	153	154
NUMBER OF SAMPLES	1	1	1
NUMBER OF FISH MEASURED	100	572	178
MEAN LENGTH (CM)	57.42	53.17	62.40
MEAN WEIGHT (KG)	2.94	1.14	3.15
TOTAL WEIGHT LANDED (TONS)	-	-	-
ESTIMATED NUMBER LANDED	-	-	-
HOOK SIZE	6/0	6/0	6/0
RANGE OF DEPTHS (FM)	-	-	-

