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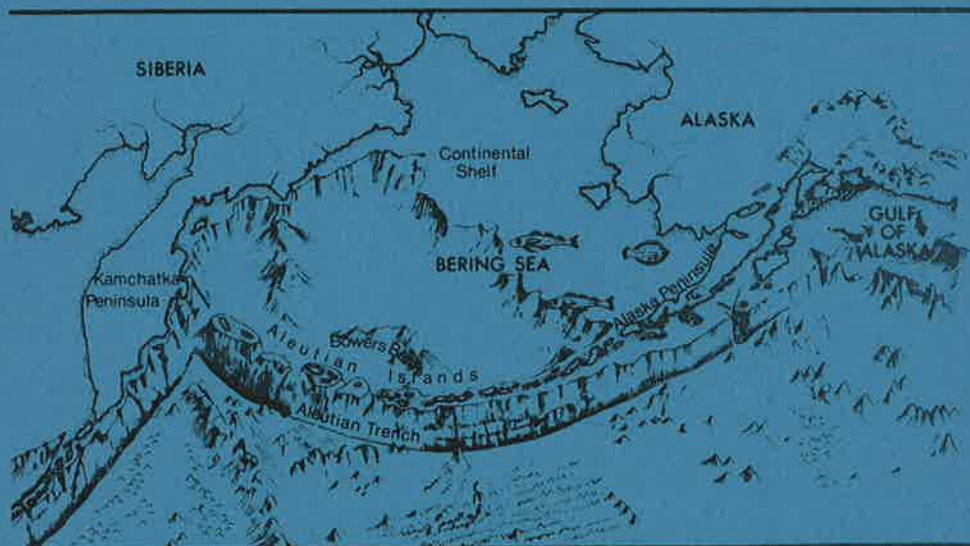
National Marine  
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U.S. DEPARTMENT OF COMMERCE

## **NWAFRC PROCESSED REPORT 90-02**

# **Report to Industry on Results of the 1989 Eastern Bering Sea Groundfish Survey**

February 1990



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REPORT TO INDUSTRY ON RESULTS OF THE  
1989 EASTERN BERING SEA GROUND FISH SURVEY

By

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REPORT TO INDUSTRY ON RESULTS OF THE 1989  
EASTERN BERING SEA GROUND FISH SURVEY

INTRODUCTION

The purpose of this report is to provide timely information to the U.S. fishing industry and other interested parties on catch rates and average lengths of commercially important groundfish encountered during the 1989 summer groundfish assessment survey in the eastern Bering Sea. The survey was conducted by the Resource Assessment and Conservation Engineering (RACE) Division of the Alaska Fisheries Science Center (AFSC) during the period from June 1 to August 17.

This report briefly describes survey methods and contains figures illustrating the distribution and size composition of commercially important species of groundfish. Species included are walleye pollock, Pacific cod, yellowfin sole, rock sole, flathead sole, Alaska plaice, arrowtooth flounder, and Greenland turbot. An appendix to the report presents detailed position and catch data for each station fished.

A similar report for species of crab has been prepared by personnel of the Kodiak Facility of the AFSC. Copies are available upon request to the AFSC.

METHODS

The survey area, which has been sampled annually since 1979, extends over a large part of the eastern Bering Sea continental

shelf and encompasses a major portion of the distributions of commercially important groundfish species (Fig. 1). The survey began in Bristol Bay and progressed westward to the shelf edge with the two survey vessels fishing alternate columns of stations.

Vessels involved were the chartered vessels R/V Alaska and the F/V Ocean Hope 3. Characteristics of these vessels are given below.

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Table 1.--Vessels participating in the 1989 Bering Sea groundfish survey.

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<u>Vessel</u>	<u>Overall length(ft)</u>	<u>Gross tonnage</u>	<u>Horsepower</u>	<u>Survey period</u>	
				<u>Start</u>	<u>Finish</u>
<u>Alaska</u>	100	219	600	June 1	Aug 17
<u>Ocean Hope 3</u>	103	192	850	"	"

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The 83-112 eastern trawl was the standard sampling gear for both vessels. The length of the footrope was 112 feet and the headrope 83 feet. Mesh sizes were 4.0 inches in the wings and body and 3.5 inches in the intermediate and codend. The codend had a liner of 1.25-inch mesh. The trawl width (distance between the wings while fishing) and vertical opening were monitored throughout the survey by SCANMAR net-sounding equipment. The vessels used steel V-doors which were 6 by 9 feet and double 30-fathom dandylines with 24-inch chain extensions between the lower dandylines and the footrope.

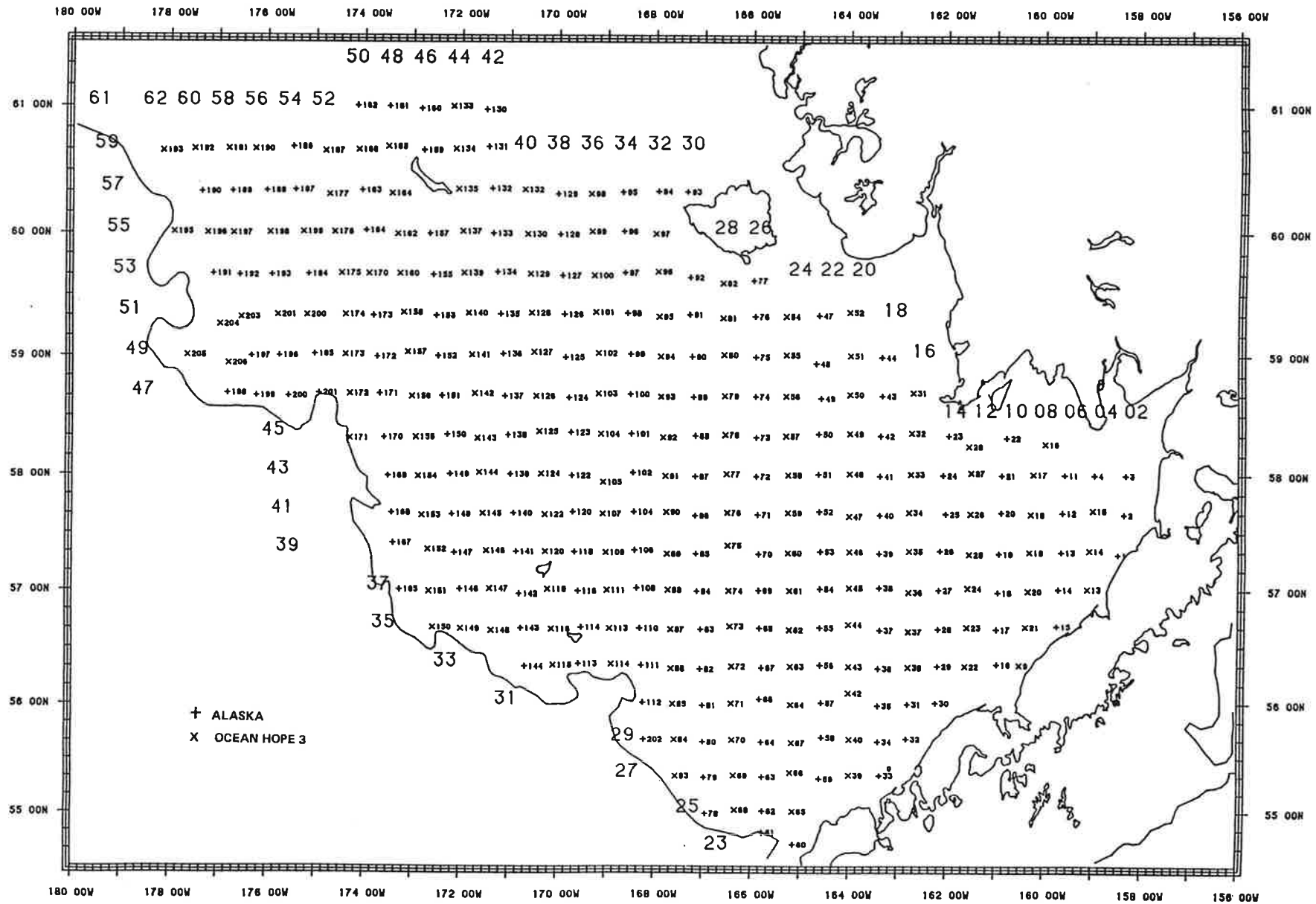


Figure 1.--Stations fished during the 1989 summer groundfish survey in the eastern Bering Sea.

Although tows were 30 minutes in duration, catch weights are reported in units of pounds per 1-hour of trawling as in previous issues of this report. Sampling density was one station per 400 square nautical miles. For the purposes of this report, only stations which were satisfactorily completed (i.e. total catch brought aboard and weighed) and which were located near the center of a 400 square nautical mile grid were used.

Total catches weighing less than approximately 2,500 pounds were dumped directly onto a sorting table and sorted to individual species. Catches greater than 2,500 pounds were dumped into a splitting bin, a portion of which was lined with a cargo net. A representative subsample was then transferred from the bin to the sorting table. After sorting, individual species were weighed and counted and these weights and numbers expanded to the total catch. A random sample of up to 300 fish of commercially important species was selected for length measurements.

## RESULTS

Catch rates in pounds per hour trawled for individual species of groundfish are shown in the even-numbered figures 2-16 and average lengths in the odd-numbered figures 3-17. There were often fewer stations with average length data than catch data because small catches of some species were not measured.



In using the catch rate and average length figures, it should be kept in mind that the surveyed area does not encompass the full geographic and depth range of some species. For most of the species for which data are presented, the survey area covers the major portion of their distributions in the eastern Bering Sea. In the case of Greenland turbot, however, most of the adult population occupies continental slope waters (deeper than 100 fathoms) which were not sampled. The catch rates and average lengths presented for this species, therefore, represent mainly the juvenile portion of the population. Information on the adults of this as well as other commercially important species of groundfish in continental slope waters is covered in a special report to industry (NWAFC Processed Report 88-11 entitled "Distribution of groundfish on the continental slope of the eastern Bering Sea as shown by U.S.-Japan cooperative surveys 1981-1985").

Stations in figures 2-17 are arranged in a grid of numbered rows and columns and may be identified accordingly. For example, the station located at the intersection of row 23 and column 24 is designated as 2324. These identification numbers can then be used to locate detailed position (latitude, longitude, and LORAN coordinates) and catch data for individual stations. This information is compiled in the Appendix tables 1 and 2 which follow the catch rate and average length figures. The stations are sequenced numerically beginning at the southwest corner of the survey area with row 23.

Average lengths for the principal groundfish species covered in this report are given in Table 2. A range over four years (1986-1989) is presented to show trends in size.

Table 2.--Average lengths (inches) of commercially important eastern Bering Sea groundfish species as determined from four years of summer survey data.

Species	Year			
	1986	1987	1988	1989
Pollock	14.5	16.5	16.2	16.6
Pacific cod	16.4	17.8	19.6	22.2
Yellowfin sole	10.2	10.3	10.0	10.1
Rock sole	8.8	9.5	8.9	9.3
Flathead sole	10.7	10.7	10.3	10.3
Alaska plaice	13.6	14.0	14.3	14.2
Arrowtooth fl.	13.0	13.2	12.7	12.7
Greenland turbot	13.1	16.3	13.3	14.2

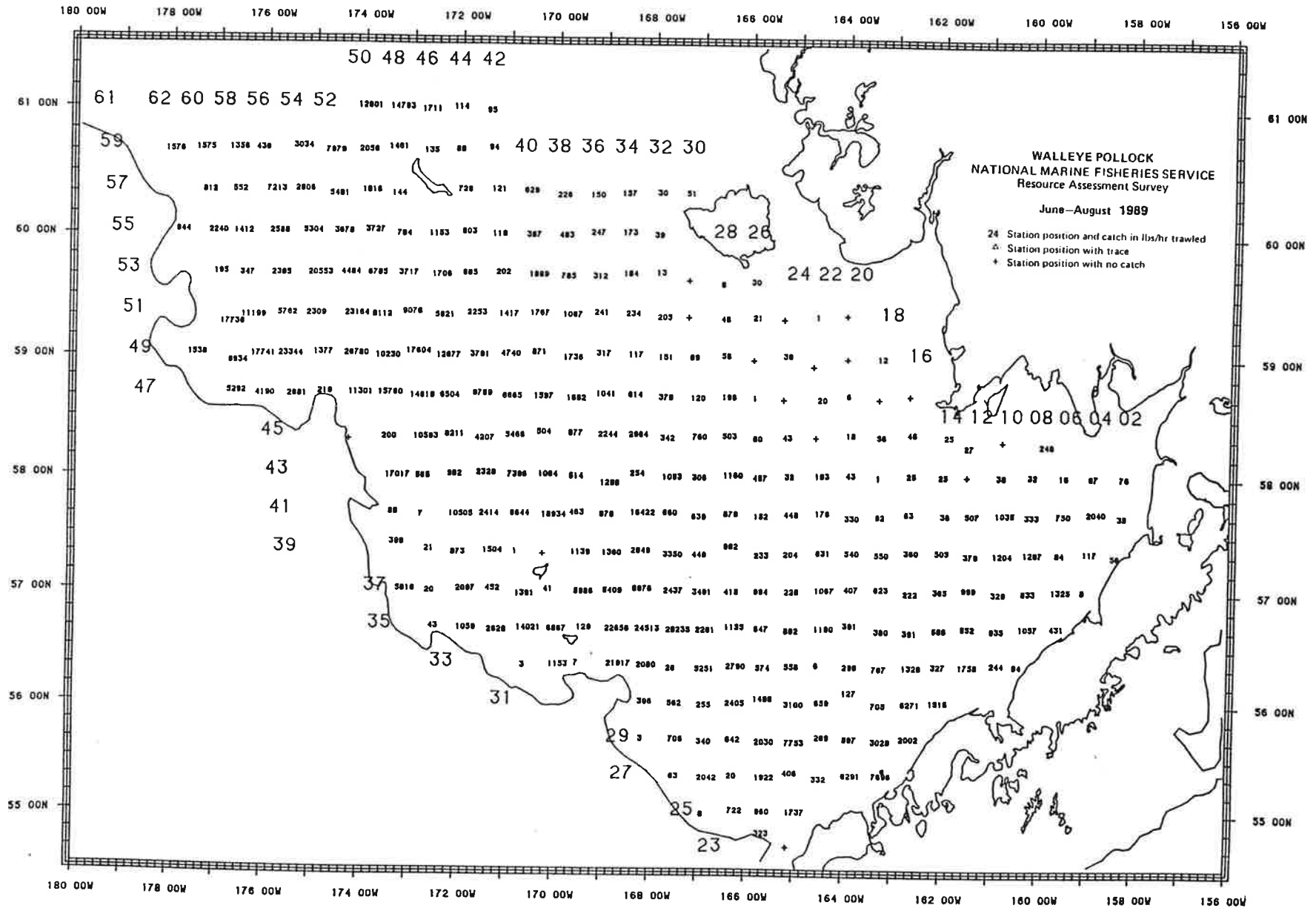


Figure 2.--Catches of walleye pollock (lb/hr) during the 1989 eastern Bering Sea summer groundfish survey.

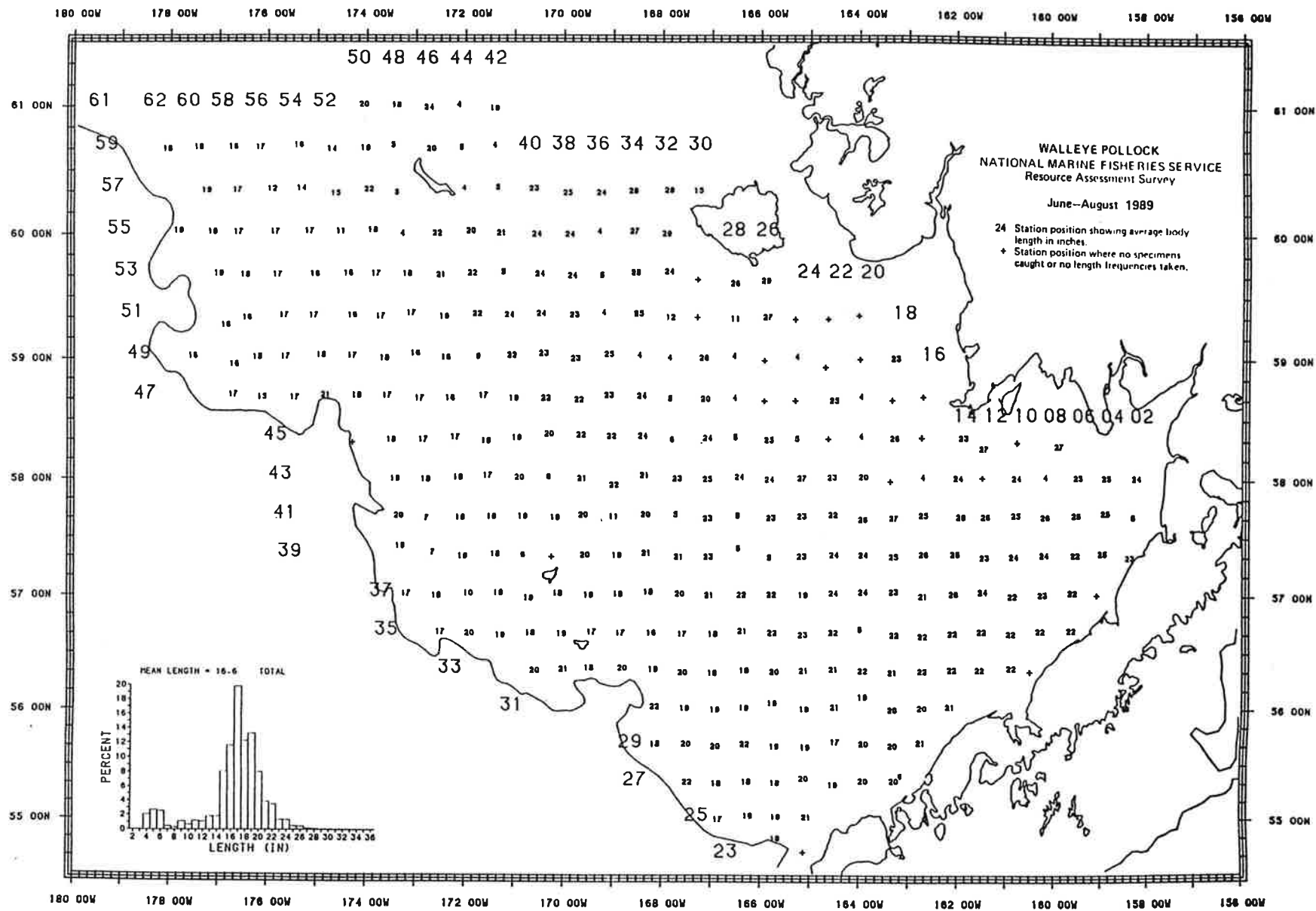


Figure 3.--Average lengths of walleye pollock taken during the 1989 eastern Bering Sea summer groundfish survey.

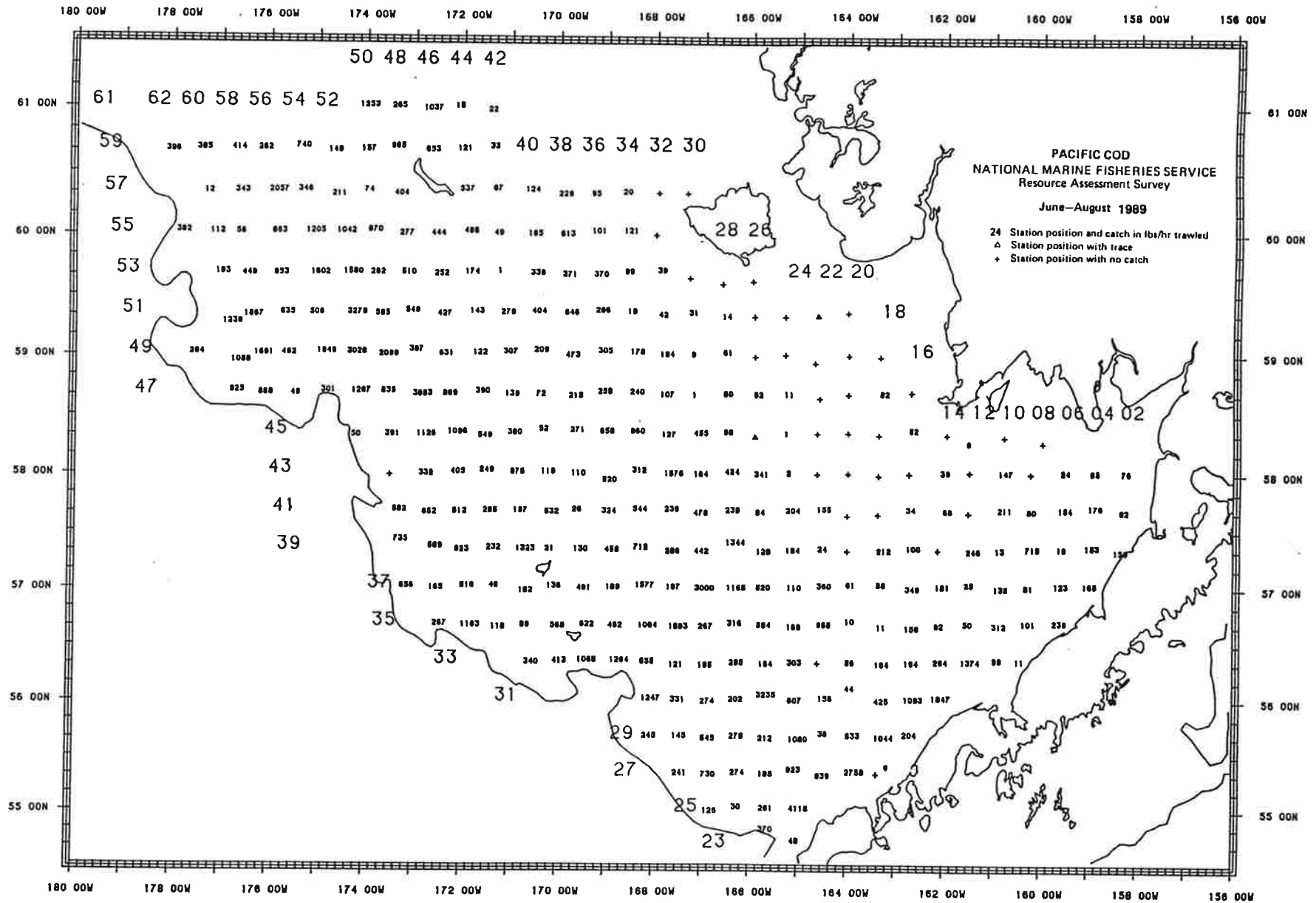


Figure 4.--Catches of Pacific cod (lb/hr) during the 1989 eastern Bering Sea summer groundfish survey.

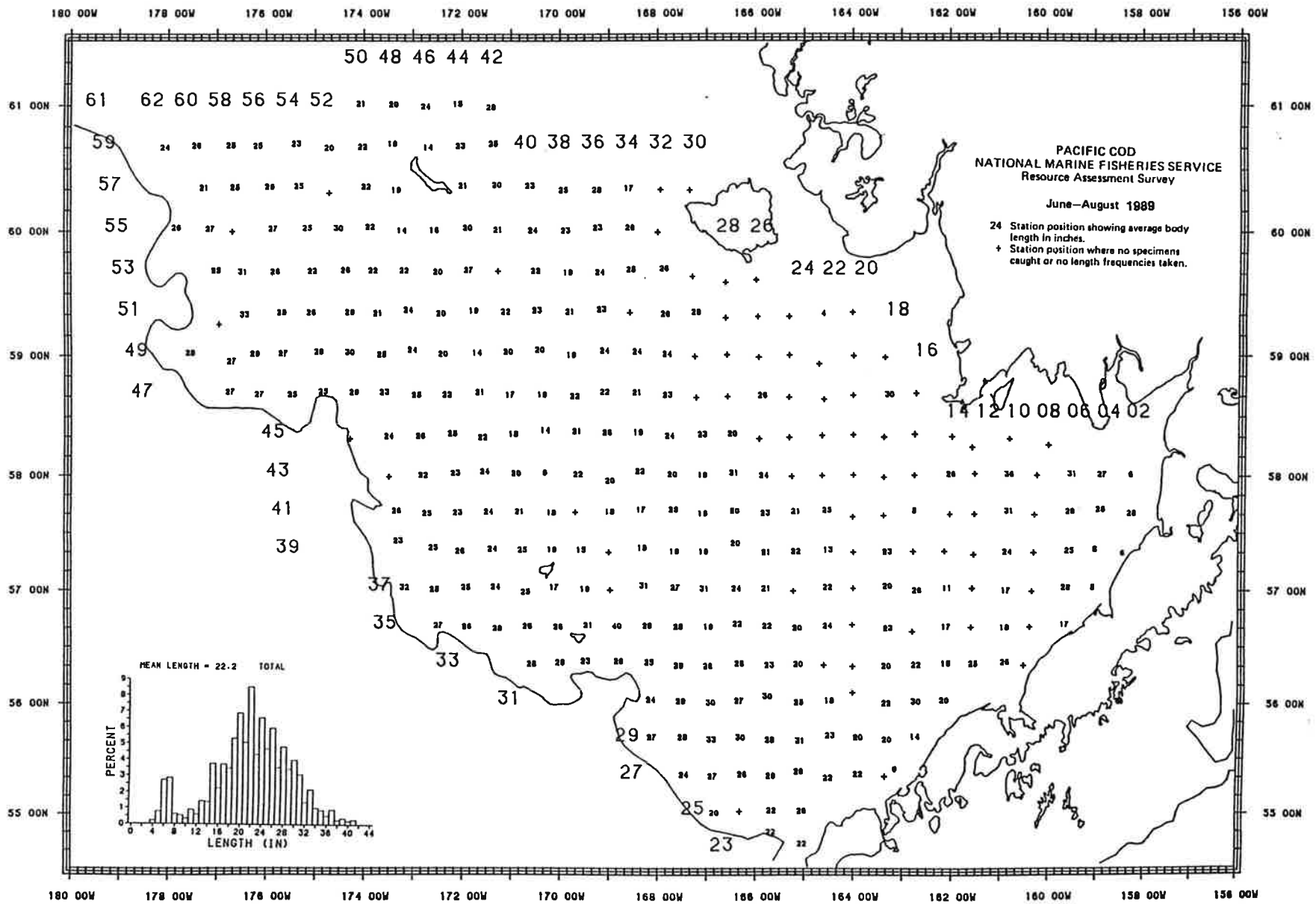


Figure 5.--Average lengths of Pacific cod taken during the 1989 eastern Bering Sea summer groundfish survey.

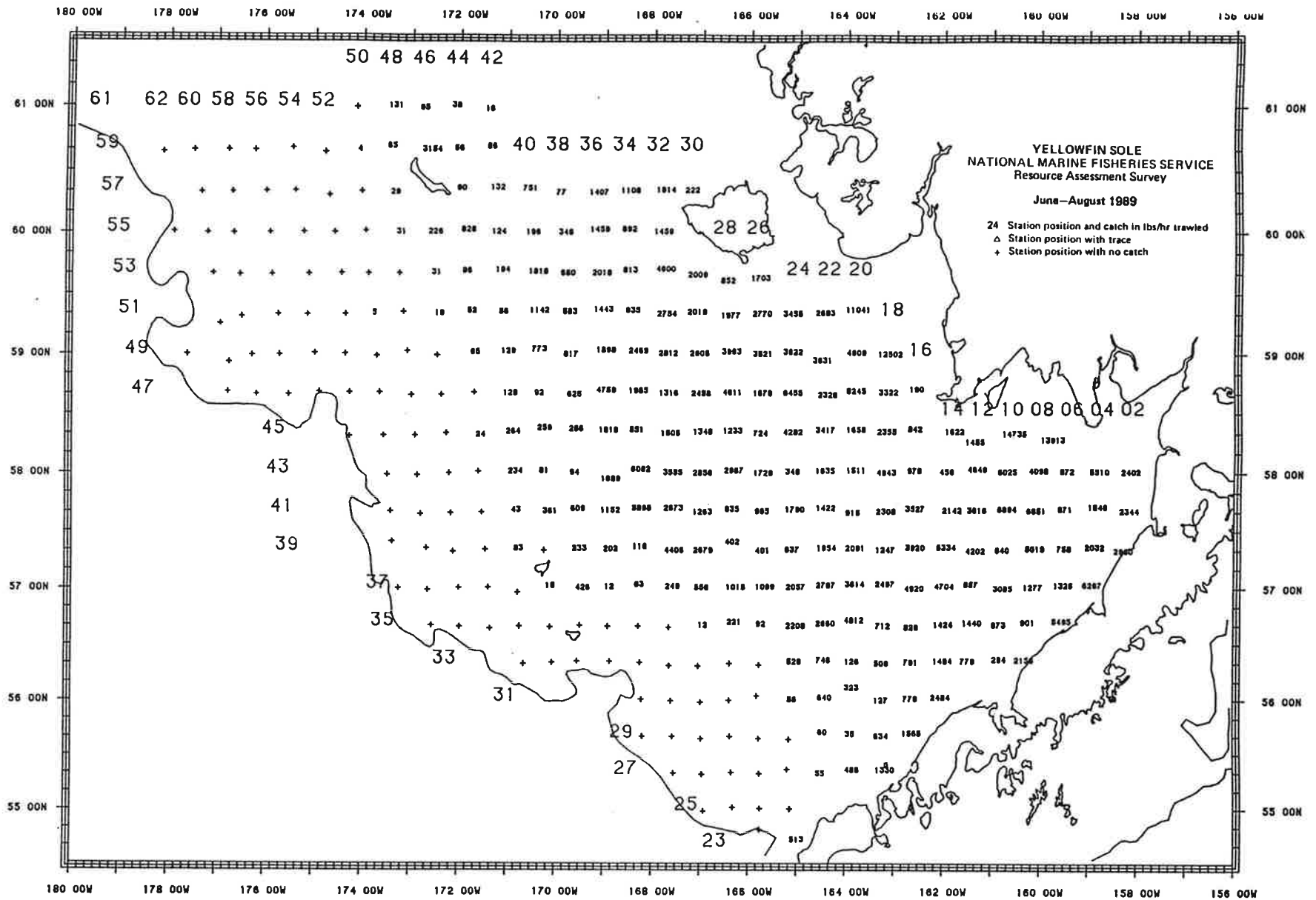


Figure 6.--Catches of yellowfin sole (lb/hr) during the 1989 eastern Bering Sea summer groundfish survey.

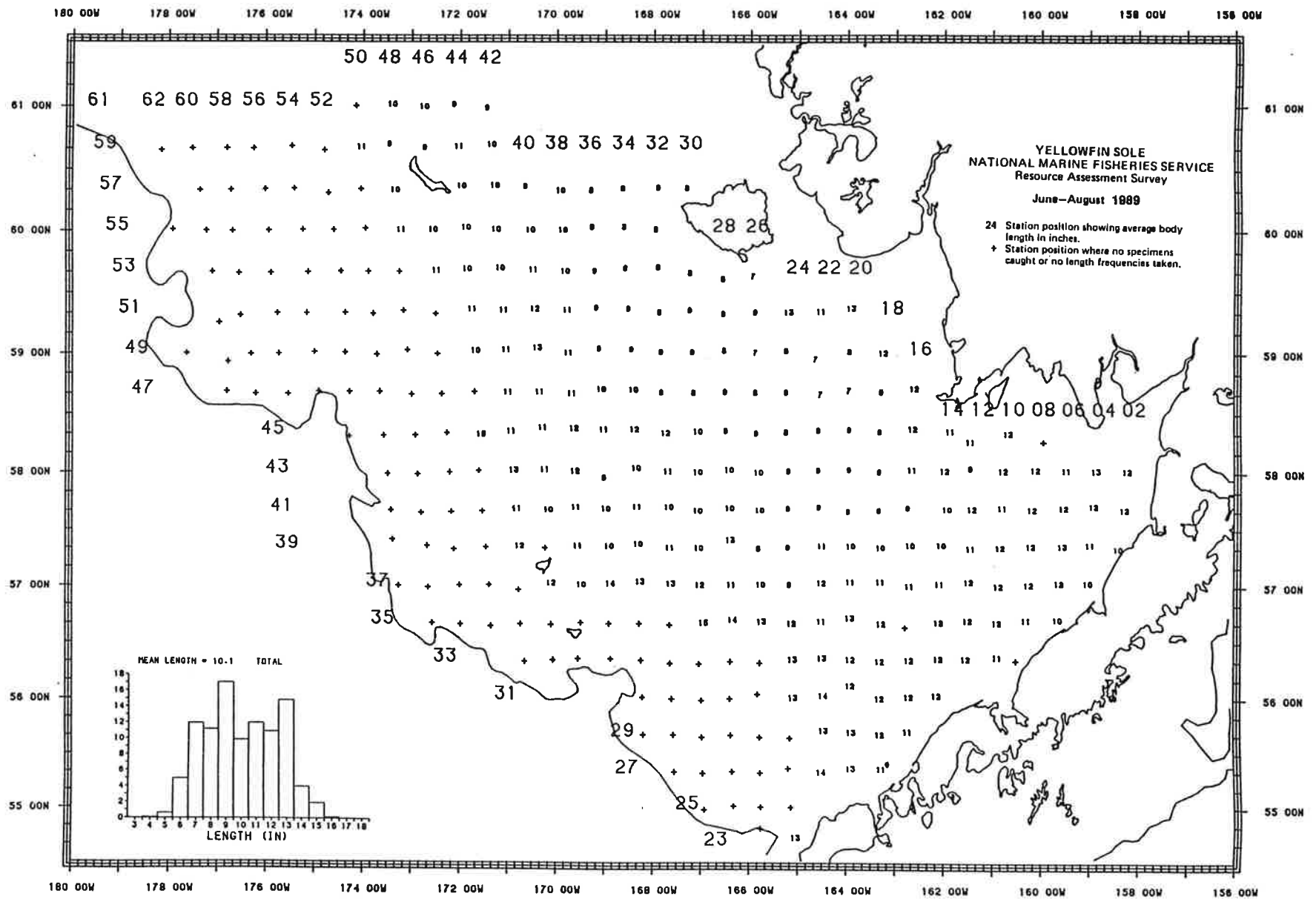


Figure 7.--Average lengths of yellowfin sole taken during the 1989 eastern Bering Sea summer groundfish survey.



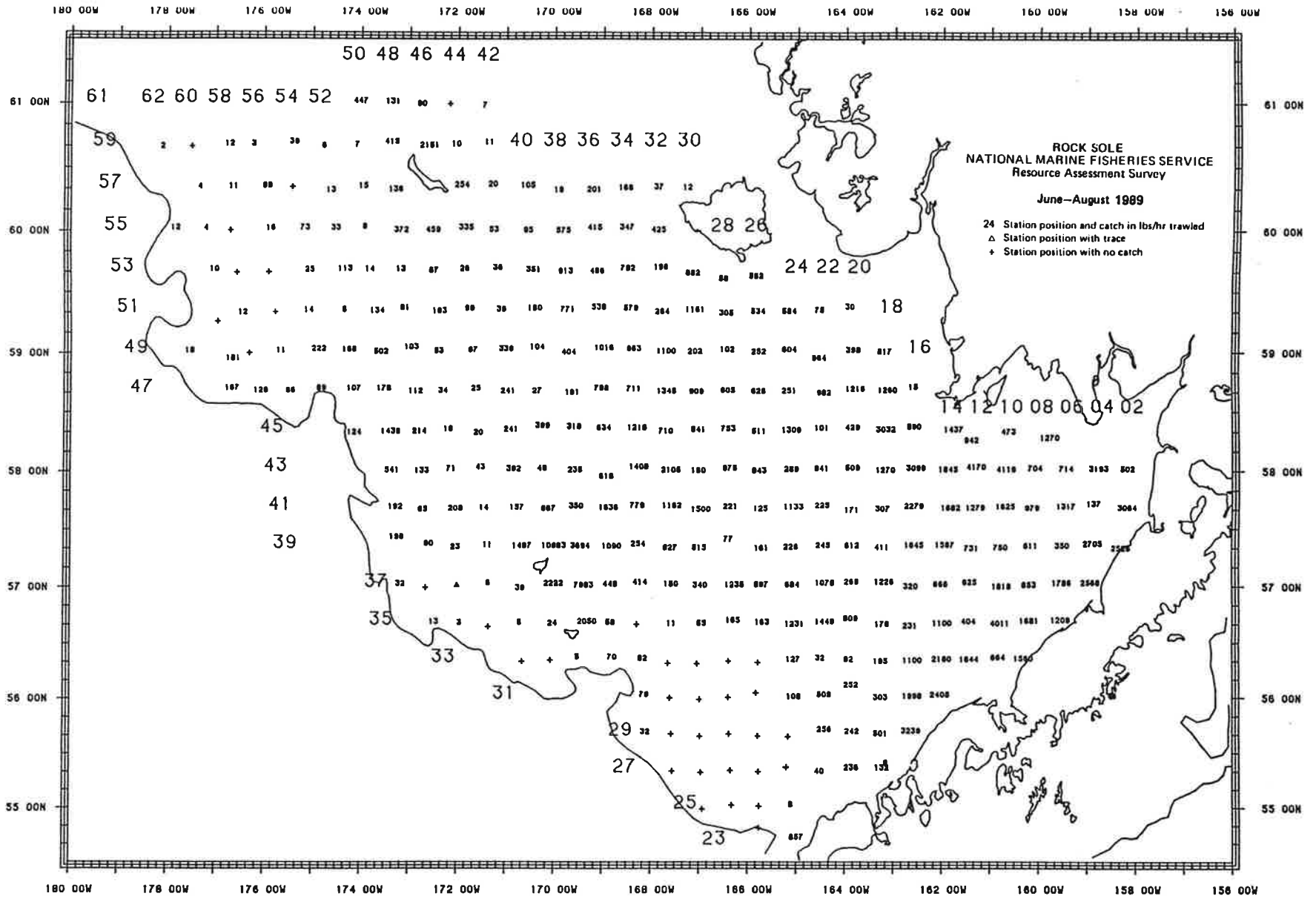


Figure 8.--Catches of rock sole (lb/hr) during the 1989 eastern Bering Sea summer groundfish survey.

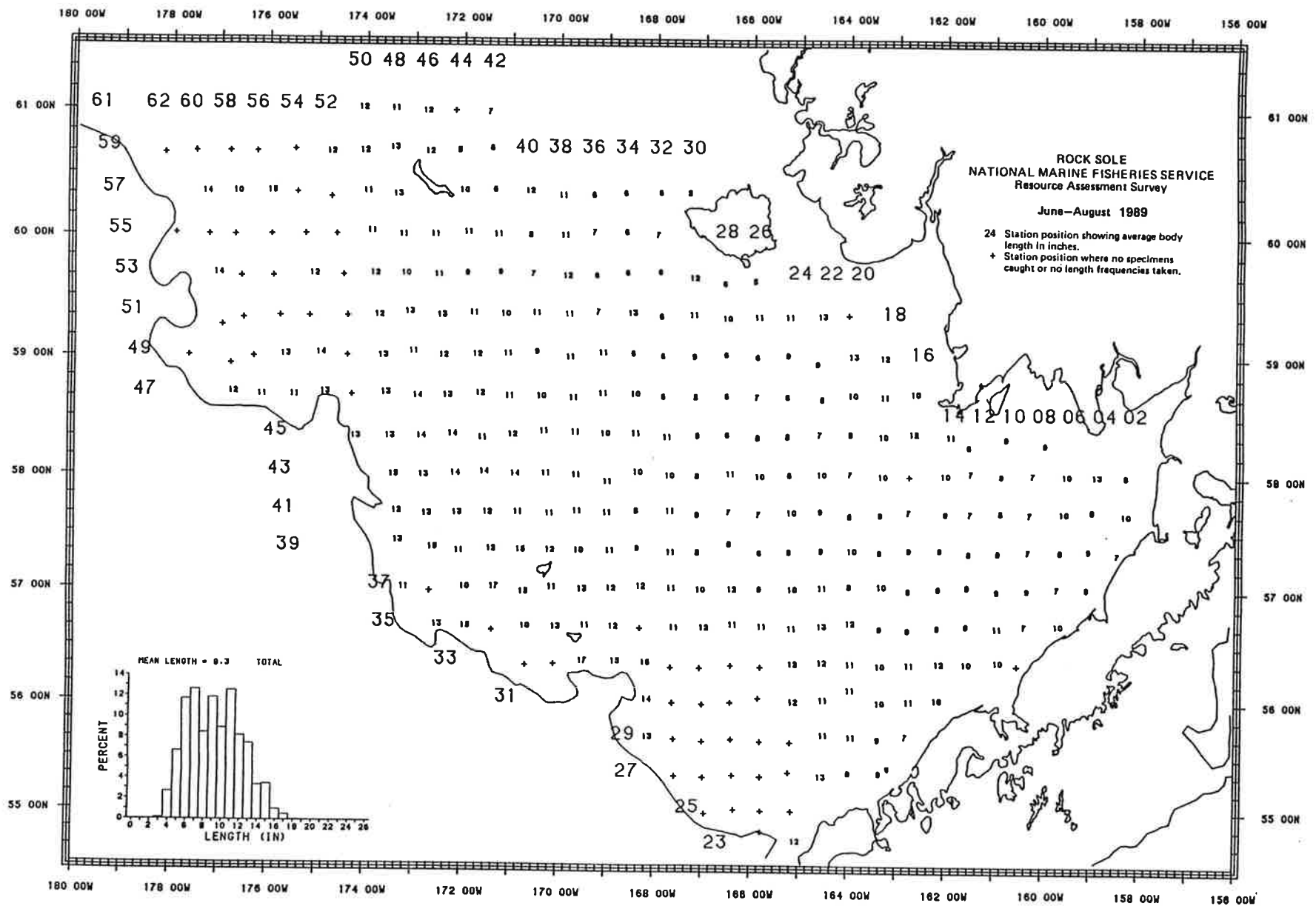


Figure 9.--Average lengths of rock sole taken during the 1989 eastern Bering Sea summer groundfish survey.

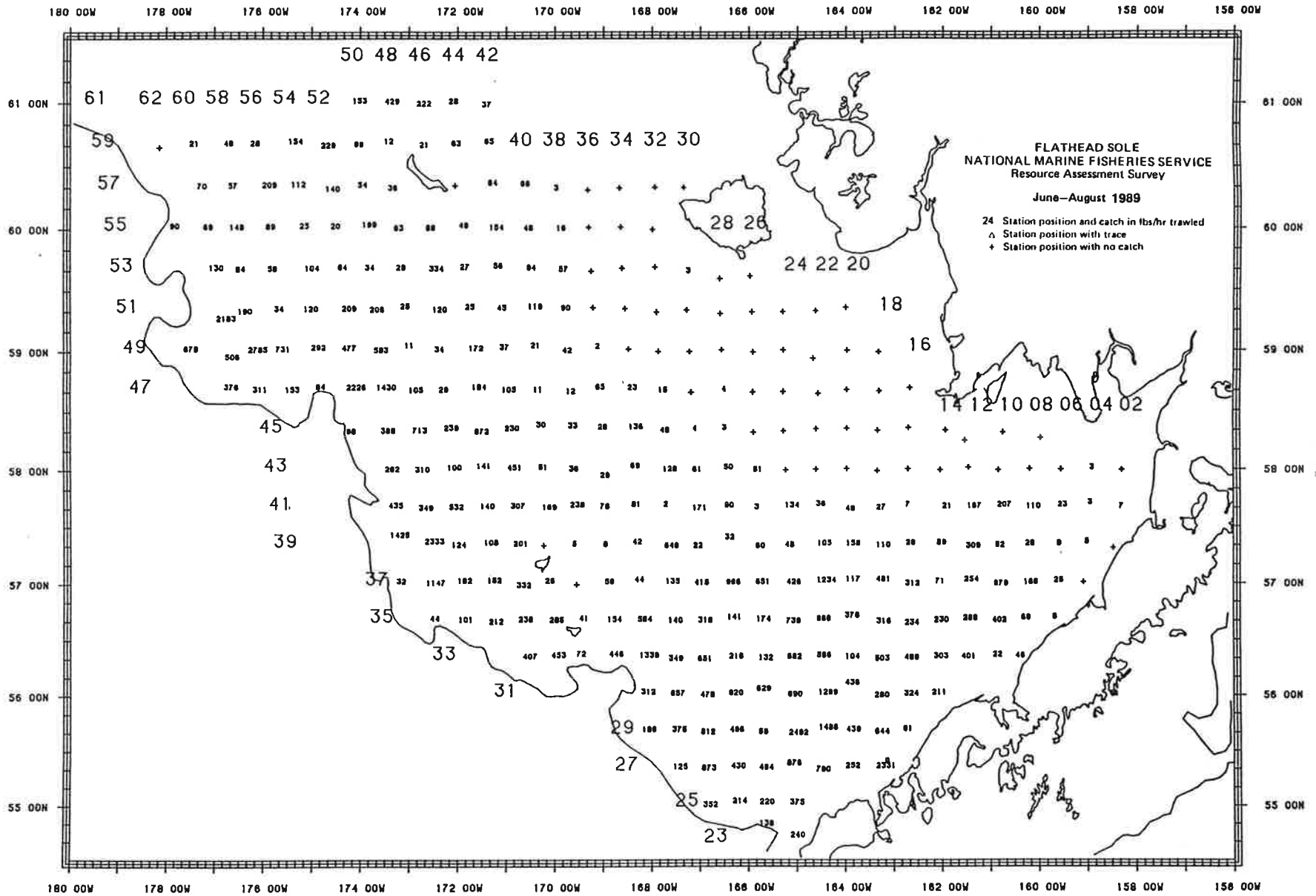


Figure 10.--Catches of flathead sole (lb/hr) during the 1989 eastern Bering Sea summer groundfish survey.

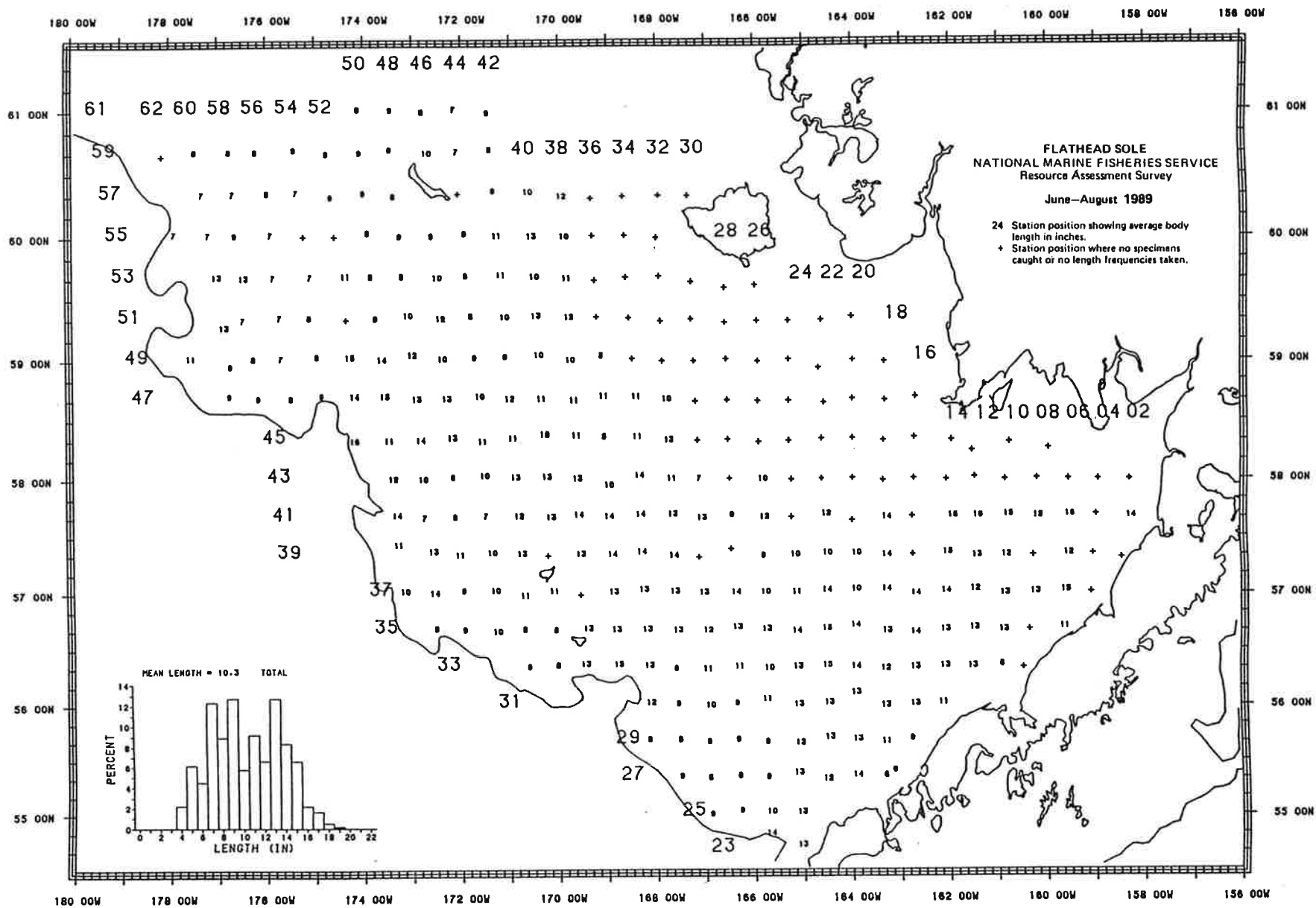


Figure 11.--Average lengths of flathead sole taken during the 1988 eastern Bering Sea summer groundfish survey.

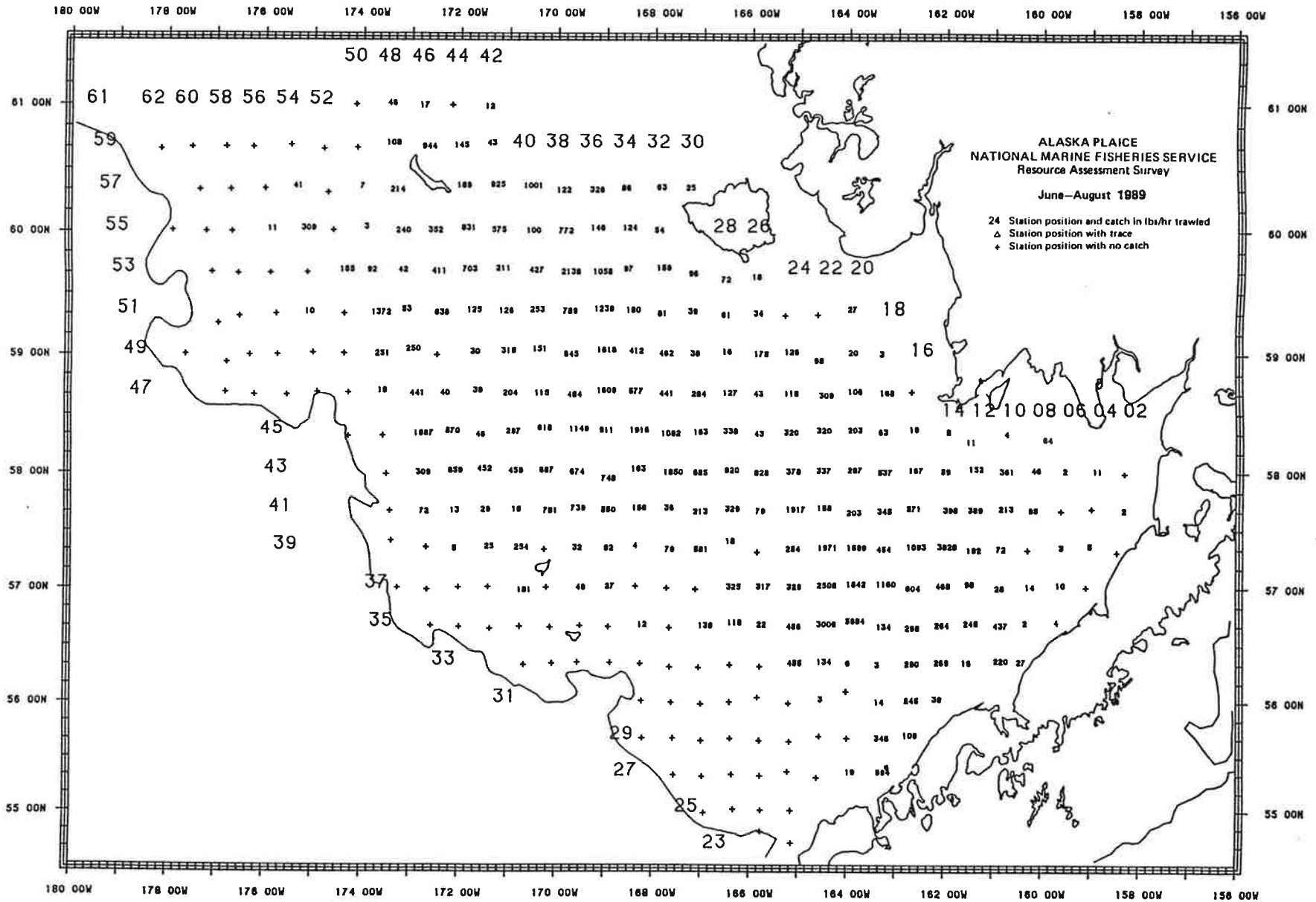


Figure 12.--Catches of Alaska plaice (lb/hr) during the 1989 eastern Bering Sea summer groundfish survey.

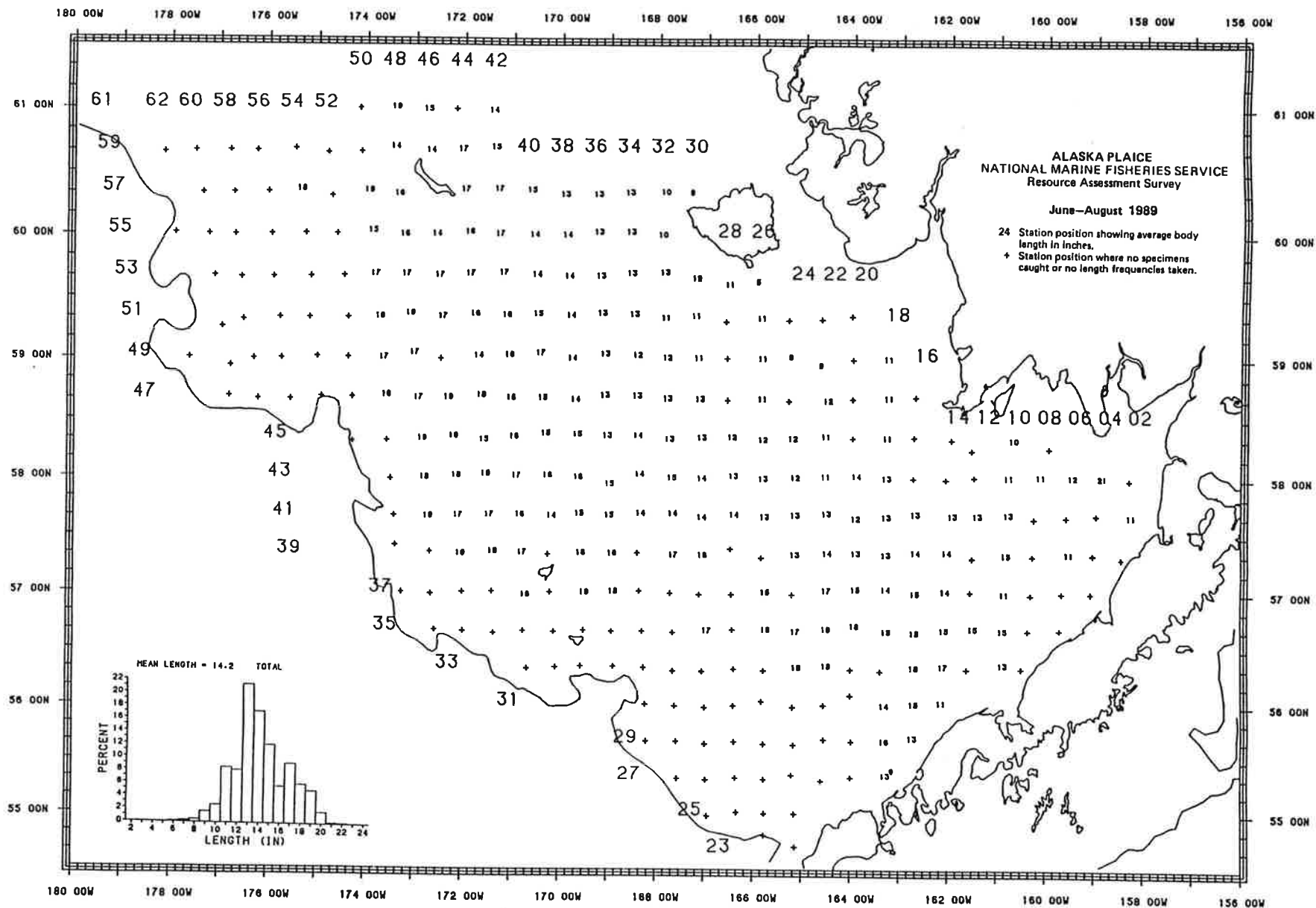


Figure 13.--Average lengths of Alaska plaice taken during the 1988 eastern Bering Sea summer groundfish survey.

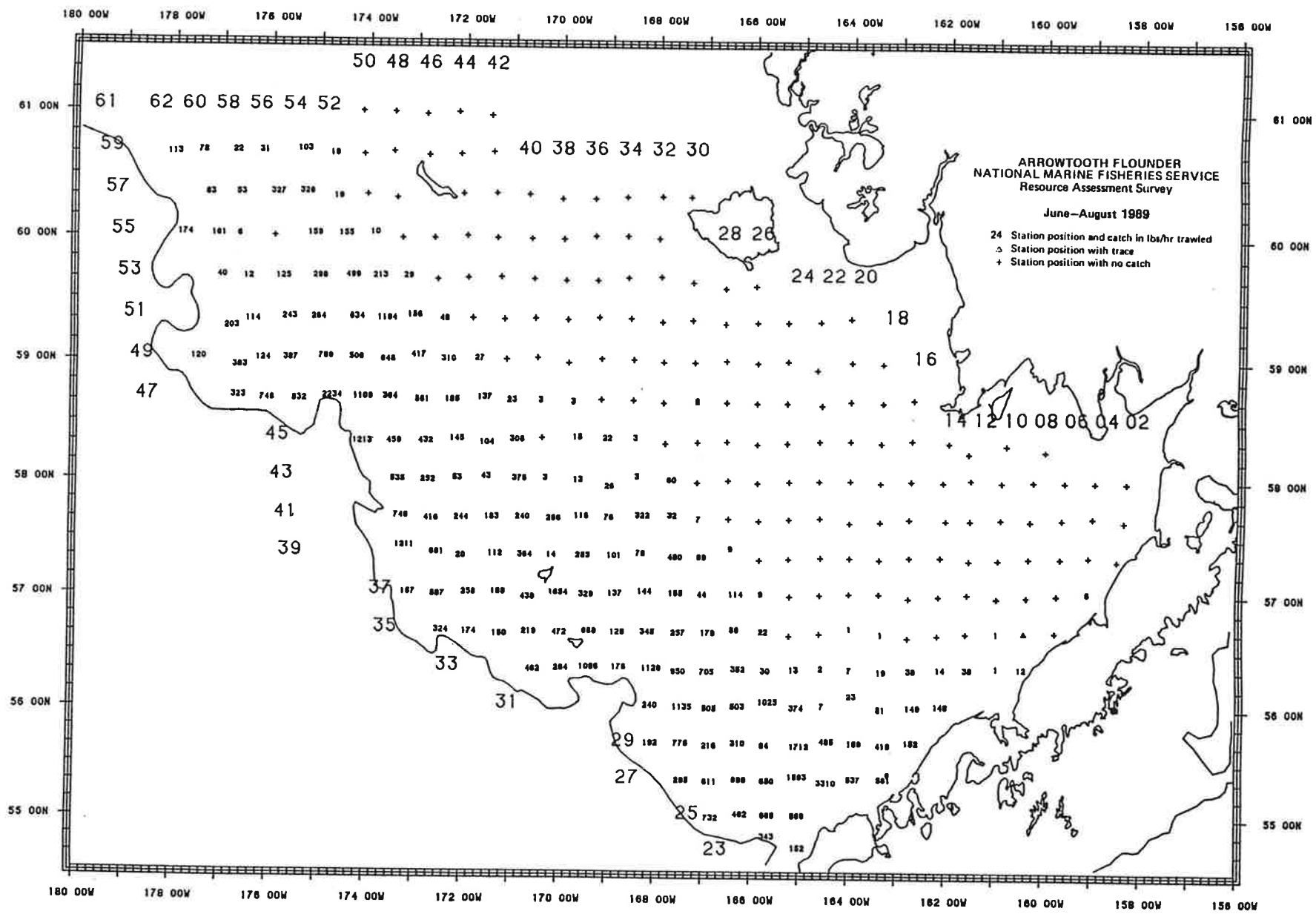


Figure 14.--Catches of arrowtooth flounder (lb/hr) during the 1989 eastern Bering Sea summer groundfish survey.

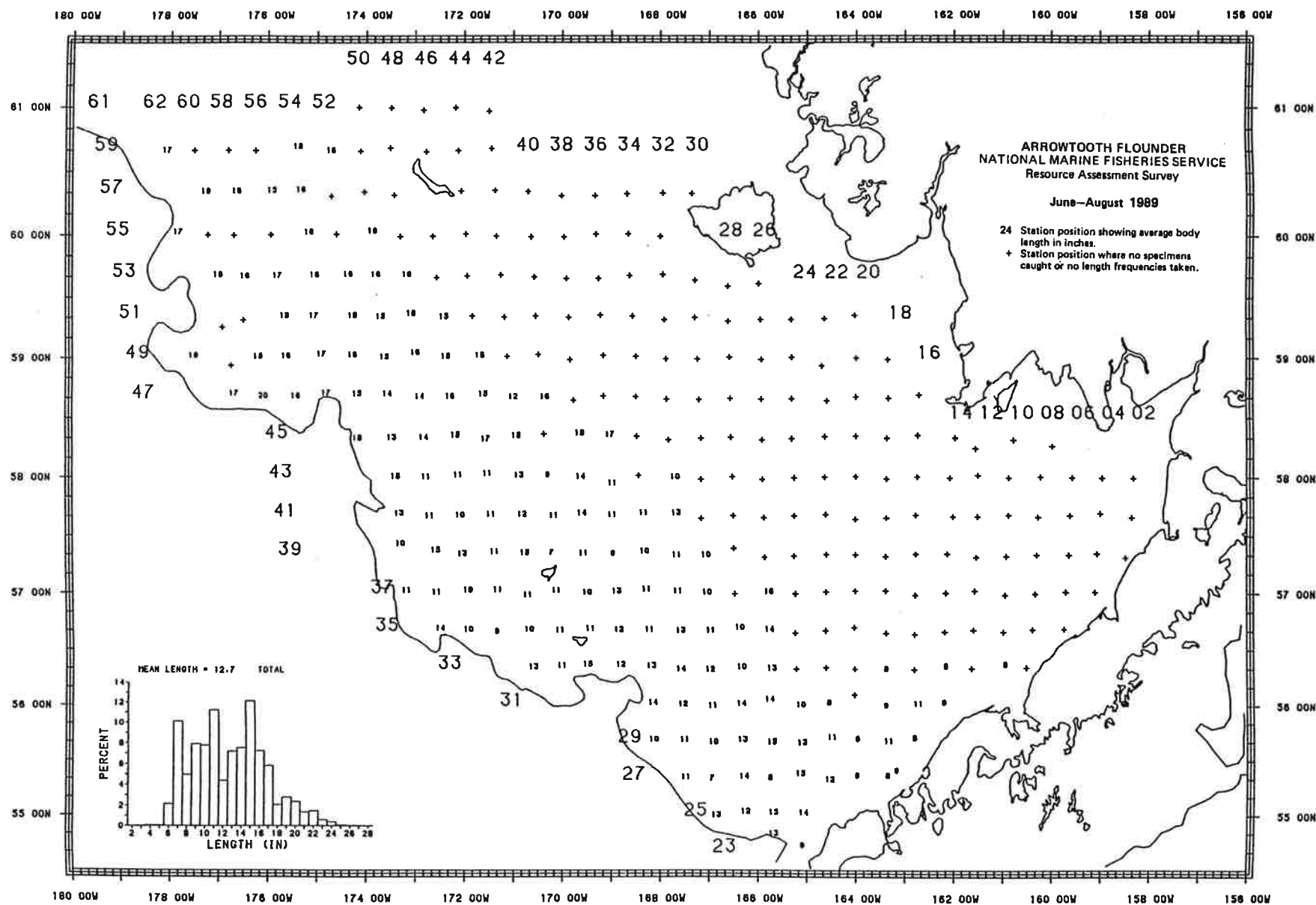


Figure 15.--Average lengths of arrowtooth flounder taken during the 1989 eastern Bering Sea summer groundfish survey.



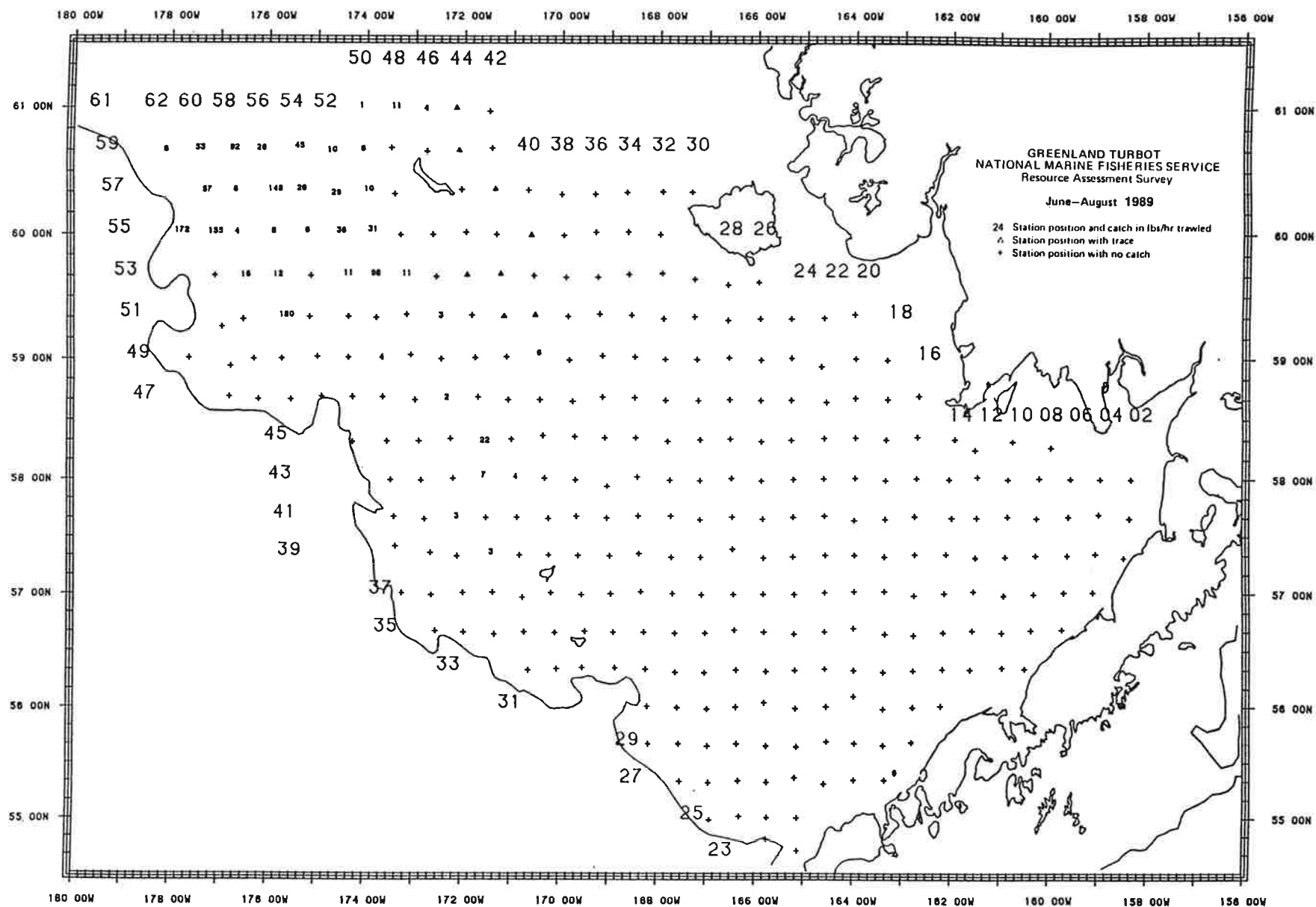


Figure 16.--Catches of Greenland turbot (lb/hr) during the 1989 eastern Bering Sea summer groundfish survey.

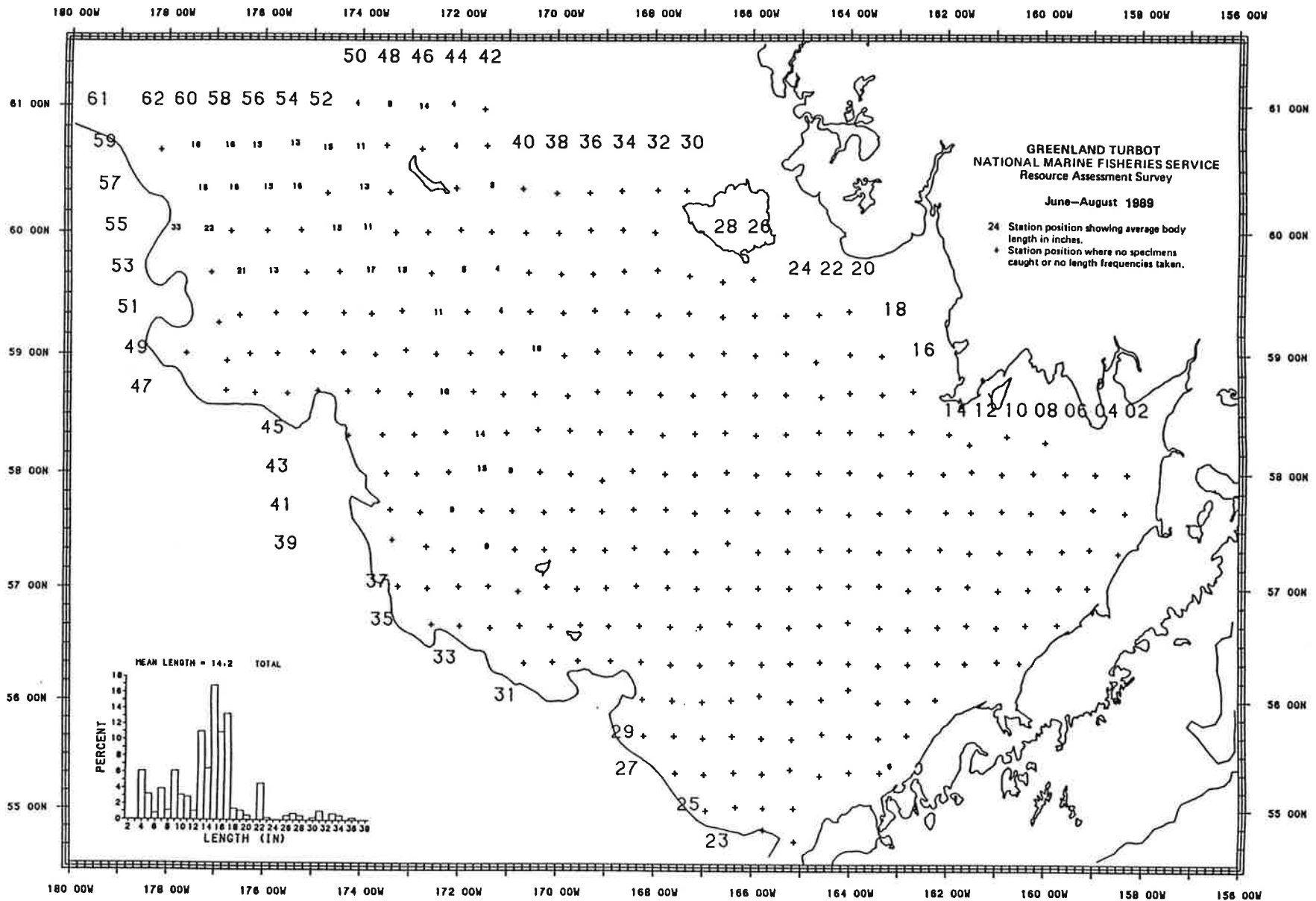


Figure 17.--Average lengths of Greenland turbot taken during the 1989 eastern Bering Sea summer groundfish survey.

## APPENDIX

## Station, haul, and catch data

Table 1.--Haul and catch data for successfully completed tows by the R/V Alaska.

Table 2.--Haul and catch data for successfully completed tows by the F/V Ocean Hope 3.

## Definitions

1. Missing digits in latitude and longitude coordinates always represent zero (0).
2. Performance code "0" represents a satisfactory tow; performance code "1" represents a satisfactory tow, although, the trawl snagged bottom.
3. Gear code "44" refers to the 83-112 eastern trawl used by both vessels during the 1989 eastern Bering Sea crab-groundfish survey. The effective pathwidth of the trawl was continuously monitored by net mensuration instruments (Refer to page 4.).

## Units

1. Gear depths are in fathoms.
2. Distances are in nautical miles.
3. Catch weights are given in pounds.

Table 1.--Haul and catch data for successfully completed tows by the R/V Alaska.

STATION ID	2324	2526	2526	2530	2718	2722	2726	2730	2916	2918	2922
MONTH/DAY/YEAR	6/21/89	6/21/89	6/22/89	6/29/89	6/13/89	6/21/89	6/22/89	6/29/89	6/12/89	6/13/89	6/18/89
LATITUDE START	54 42.6	54 48.9	55 0.9	54 59.4	55 20.9	55 19.0	55 20.0	55 19.6	55 41.3	55 39.6	55 41.9
LONGITUDE START	165 7.6	165 45.8	165 45.6	166 55.5	163 22.0	164 36.2	165 46.5	166 57.6	162 49.1	163 23.9	164 33.3
LORAN START	34597.40	18269.10	18321.60	18237.50	34232.40	34432.50	18401.10	18335.30	34076.00	34173.60	34354.30
LORAN START	48022.70	48255.50	48275.00	48673.10	47410.80	47877.00	48311.40	48732.10	47205.20	47429.80	47878.30
GEAR DEPTH	44	87	71	85	27	56	65	76	28	44	52
DURATION IN HOURS	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
DISTANCE FISHED	1.62	1.53	1.50	1.52	1.64	1.43	1.48	1.56	1.52	1.48	1.34
PERFORMANCE / GEAR	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44
POLLOCK	0.0	161.5	480.0	4.0	3848.0	166.0	961.0	1021.1	1001.0	1513.9	134.7
PAC COD	18.0	137.9	97.0	47.0	0.0	349.6	69.0	271.6	75.8	388.7	13.5
PAC OC PERCH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER RCKFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SABLEFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC HERRING	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	69.7	1.2	0.8	5.6	1.6	10.1	10.8	0.5	24.2	0.0	0.0
EELPOUTS	0.0	0.0	13.1	14.0	0.0	2.5	0.4	24.3	0.0	0.0	13.5
OTHER RNDFFISH	32.0	4.0	0.2	0.4	29.1	0.0	56.9	7.8	6.1	8.7	0.0
TOT ROUND FISH	119.7	304.6	591.1	71.0	3881.4	528.2	1098.1	1325.3	1107.1	1911.3	161.7
YELLOW SOLE	256.3	0.0	0.0	0.0	665.1	27.7	0.0	0.0	782.6	317.1	30.2
ROCK SOLE	428.4	0.0	0.0	0.0	66.0	20.1	0.0	0.0	1619.7	250.6	128.0
FLATHEAD SOLE	120.1	69.0	110.0	176.0	1165.4	394.9	242.0	436.6	45.5	322.2	744.2
ALASKA PLAICE	0.0	0.0	0.0	0.0	296.8	0.0	0.0	0.0	54.6	173.9	0.0
GREENLAND TBT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ARROWTOOTH FL	76.1	171.6	334.0	366.0	280.4	1655.0	325.0	305.6	75.8	209.7	242.4
PAC HALIBUT	124.6	0.0	0.0	175.8	17.0	194.7	37.9	39.5	13.3	3.1	32.3
OTHER FLTFISH	562.5	16.8	11.0	41.0	5.5	78.0	11.0	89.7	6.1	0.5	0.0
TOT FLATFISH	1568.0	257.4	455.0	758.8	2496.2	2370.4	615.9	871.4	2597.6	1277.1	1177.1
SKATES	140.1	748.2	253.0	261.0	0.0	960.8	185.5	253.2	0.0	112.5	525.3
SHARKS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT ELASMOBRH	140.1	748.2	253.0	261.0	0.0	960.8	185.5	253.2	0.0	112.5	525.3
RED KING CRAB	0.0	0.0	0.0	0.0	5.5	0.0	0.0	0.0	343.0	71.3	0.0
BLUE KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TANNER, BAIRDI	27.5	270.4	47.1	69.0	275.4	34.8	49.0	16.0	44.0	213.8	67.0
TANNER, OPILIO	1.3	0.0	0.0	0.0	0.0	7.5	0.0	2.2	0.0	0.3	9.0
OTHER CRAB	11.6	37.0	4.7	3.3	0.0	181.4	5.2	7.3	17.0	107.9	116.5
SNAILS	5.2	209.6	3.1	25.8	0.0	107.4	1.6	28.2	15.2	62.9	201.7
SHRIMP	0.0	0.2	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0
STARFISH	0.0	43.6	0.0	0.3	1533.7	0.0	0.0	5.4	852.4	348.8	0.0
SQUID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCTOPUS	0.0	0.0	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER INVERTS	10.0	29.1	231.0	191.0	582.7	2.6	199.0	141.2	182.0	3.1	299.7
TOTAL INVERTS	55.6	589.9	287.4	291.0	2397.3	333.7	254.9	200.3	1453.6	808.1	693.9
MISC.	66.5	0.0	0.0	0.2	0.0	107.2	0.0	0.0	1.8	40.9	62.0
TOTAL CATCH	1949.9	1900.1	1586.5	1382.0	8774.9	4300.3	2154.4	2650.2	5160.1	4149.9	2620.0

Table 1.--(continued)

STATION ID	2926	2930	2934	3114	3116	3118	3122	3126	3130	3134	3310
MONTH/DAY/YEAR	6/22/89	6/29/89	8/11/89	6/12/89	6/12/89	6/13/89	6/18/89	6/22/89	6/29/89	7/ 5/89	6/ 9/89
LATITUDE START	55 39.4	55 39.3	55 40.7	56 0.9	56 0.1	55 59.3	56 0.8	56 2.8	55 59.3	56 0.9	56 21.3
LONGITUDE START	165 47.3	166 58.9	168 11.7	162 13.6	162 47.8	163 24.2	164 33.8	165 50.0	166 59.6	168 13.0	160 58.4
LORAN START	18477.90	18428.70	18357.20	33906.10	33998.80	34100.20	34288.40	18561.50	18517.30	34916.90	33626.90
LORAN START	48345.10	48783.20	49203.70	46972.90	47198.30	47437.40	47894.20	48389.60	48826.20	49270.20	46469.20
GEAR DEPTH	64	73	74	35	42	47	50	56	74	82	29
DURATION IN HOURS	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.52	0.50	0.50	0.50
DISTANCE FISHED	1.46	1.55	1.49	1.53	1.55	1.45	1.46	1.57	1.45	1.54	1.53
PERFORMANCE / GEAR	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44
POLLOCK	1015.0	170.0	1.5	757.6	3135.3	352.6	329.7	773.5	127.5	198.0	122.0
PAC COD	79.0	203.0	91.3	687.3	406.7	158.2	58.8	1252.4	102.0	464.0	37.0
PAC OC PERCH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER RCKFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SABLEFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC HERRING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	1.2	0.0	0.0	179.7	1.7	5.2	1.3	0.0	10.1	8.5	0.1
EELPOUTS	0.2	2.6	0.0	0.0	0.0	2.3	6.5	0.2	0.1	1.7	0.0
OTHER RNDFFISH	4.4	14.5	0.2	70.3	6.6	0.5	0.7	0.4	35.0	0.8	8.0
TOT ROUND FISH	1099.8	390.1	93.0	1694.9	3550.3	518.8	397.0	2026.5	274.7	673.0	167.1
YELLOW SOLE	0.0	0.0	0.0	1241.8	389.2	63.3	319.9	0.0	0.0	0.0	147.0
ROCK SOLE	0.0	0.0	16.0	1202.7	999.2	151.5	254.6	0.0	0.0	39.5	332.0
FLATHEAD SOLE	29.5	256.0	92.8	105.4	161.8	140.2	649.6	327.2	239.0	156.0	11.0
ALASKA PLAICE	0.0	0.0	0.0	19.5	122.4	6.8	1.6	0.0	0.0	0.0	110.0
GREENLAND TBT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ARROWTOOTH FL	32.0	108.0	95.9	74.2	74.3	40.7	3.3	533.0	252.5	120.0	0.5
PAC HALIBUT	0.0	64.2	149.6	0.0	3.1	3.1	57.5	27.3	57.7	40.1	49.2
OTHER FLTFISH	1.0	9.2	7.6	3.9	0.0	0.0	0.0	8.7	7.0	2.5	0.5
TOT FLATFISH	62.5	437.4	361.9	2647.5	1750.0	405.6	1286.5	896.2	556.2	358.1	650.2
SKATES	27.0	80.8	38.0	15.6	0.0	47.5	166.5	184.9	115.8	927.0	8.0
SHARKS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT ELASMOBRH	27.0	80.8	38.0	15.6	0.0	47.5	166.5	184.9	115.8	927.0	8.0
RED KING CRAB	0.0	0.0	0.0	109.0	140.5	3.0	0.0	0.0	0.0	0.0	44.0
BLUE KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TANNER, BAIRDI	19.0	4.6	0.4	39.0	47.5	84.3	22.7	26.5	1.1	9.7	9.5
TANNER, OPILIO	0.0	0.0	0.0	0.0	0.1	1.5	10.5	11.4	91.9	34.5	0.0
OTHER CRAB	7.0	0.1	6.7	12.5	0.0	236.9	118.6	23.9	18.7	9.2	0.8
SNAILS	1.3	7.7	14.4	0.0	2.2	52.7	118.2	49.8	9.8	7.6	0.3
SHRIMP	0.0	0.1	0.0	0.0	0.0	0.9	0.0	0.0	0.1	0.1	0.1
STARFISH	0.0	0.6	2782.3	456.9	100.6	79.8	47.0	0.0	0.4	4.0	53.0
SQUID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCTOPUS	0.0	0.0	0.0	0.0	0.0	30.5	0.0	0.0	0.0	0.0	0.0
OTHER INVERTS	123.0	137.0	13.7	20.7	0.0	562.5	8.6	216.5	203.5	8.1	18.0
TOTAL INVERTS	150.3	150.1	2817.5	638.1	290.9	1052.1	325.6	328.1	325.5	73.2	125.7
MISC.	0.0	0.0	9.9	3.9	8.7	231.3	54.9	4.3	0.0	0.1	2.0
TOTAL CATCH	1339.6	1058.4	3320.3	5000.0	5599.9	2255.3	2230.5	3440.0	1272.2	2031.4	953.0

Table 1.--(continued)

STATION ID	3314	3318	3322	3326	3330	3334	3338	3342	3506	3510	3514
MONTH/DAY/YEAR	6/12/89	6/13/89	6/18/89	6/22/89	6/29/89	7/ 5/89	7/ 6/89	7/14/89	6/ 8/89	6/ 9/89	6/11/89
LATITUDE START	56 20.4	56 19.1	56 20.8	56 19.4	56 18.8	56 20.7	56 21.4	56 20.1	56 41.2	56 39.5	56 39.7
LONGITUDE START	162 11.3	163 24.0	164 35.6	165 47.4	167 2.7	168 14.9	169 32.8	170 38.9	159 44.4	160 59.1	162 10.8
LORAN START	33814.40	34015.70	34211.60	18614.80	18593.87	34881.90	35080.90	18275.10	33358.20	33541.40	33721.10
LORAN START	46954.50	47438.40	47913.60	48387.20	48875.90	49332.20	49769.60	35136.60	45966.30	46466.60	46946.60
GEAR DEPTH	41	46	47	49	62	85	78	65	19	38	40
DURATION IN HOURS	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
DISTANCE FISHED	1.43	1.52	1.47	1.60	1.33	1.43	1.40	1.44	1.58	1.44	1.47
PERFORMANCE / GEAR	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44
POLLOCK	163.3	383.5	3.1	287.0	2625.4	1040.0	3.5	1.3	215.6	467.3	294.2
PAC COD	98.4	72.3	0.0	61.0	72.4	243.7	396.5	126.7	88.8	116.0	34.1
PAC OC PERCH	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0
OTHER RCKFISH	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0
SABLEFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC HERRING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	19.2	0.0	0.0	0.0	49.0	7.9	36.7	2.7	16.9	68.8	48.6
EELPOUTS	0.0	1.6	1.8	0.0	0.0	4.1	0.0	0.0	0.0	0.0	0.0
OTHER RNDFISH	36.7	0.0	0.3	0.0	5.9	6.5	150.5	0.0	11.3	44.3	4.3
TOT ROUND FISH	317.6	457.4	5.2	348.0	2752.7	1302.2	616.2	130.7	332.6	696.4	381.2
YELLOW SOLE	742.0	254.6	372.8	0.0	0.0	0.0	0.0	0.0	2747.5	436.6	712.0
ROCK SOLE	1090.2	97.5	16.2	0.0	0.0	41.2	2.3	0.0	604.4	2005.6	550.0
FLATHEAD SOLE	151.3	251.5	293.1	66.0	325.7	669.3	36.0	203.7	4.2	201.2	115.1
ALASKA PLAICE	134.5	1.6	66.8	0.0	0.0	0.0	0.0	0.0	2.1	218.3	132.2
GREENLAND TBT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ARROWTOOTH FL	7.2	9.4	0.8	15.0	352.5	564.6	543.0	231.0	0.0	0.3	0.0
PAC HALIBUT	27.0	46.6	0.0	0.0	75.5	0.0	12.1	148.1	4.6	49.2	191.2
OTHER FLTFISH	0.0	0.0	0.0	0.0	4.2	13.7	13.3	21.2	2.1	1.0	0.0
TOT FLATFISH	2152.2	661.2	749.7	81.0	757.9	1288.8	606.7	604.0	3364.9	2912.2	1700.5
SKATES	0.0	3.1	0.0	0.4	206.8	439.4	218.1	13.1	0.0	0.0	0.0
SHARKS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT ELASMOBRH	0.0	3.1	0.0	0.4	206.8	439.4	218.1	13.1	0.0	0.0	0.0
RED KING CRAB	471.0	0.0	10.5	0.0	0.0	0.0	0.0	0.0	4.0	181.0	43.0
BLUE KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TANNER, BAIRDI	51.5	111.0	158.7	0.1	1.3	23.9	4.0	2.2	1.1	82.0	94.0
TANNER, OPILIO	0.0	0.0	6.2	0.0	29.1	489.3	0.0	7.5	0.0	0.0	0.0
OTHER CRAB	7.7	1.0	205.7	7.2	119.5	16.4	28.0	28.8	7.6	18.4	4.0
SNAILS	2.4	95.6	457.7	3.7	22.8	10.5	36.1	16.9	0.8	0.0	6.8
SHRIMP	0.0	0.0	0.0	0.2	0.0	0.7	0.1	0.0	0.0	0.0	0.0
STARFISH	129.7	491.0	128.5	0.0	200.8	10.3	10.2	666.5	889.7	1838.5	2.1
SQUID	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
OCTOPUS	0.0	0.0	2.6	0.0	0.0	0.0	0.0	29.5	0.0	0.0	0.0
OTHER INVERTS	253.5	33.0	23.4	30.3	193.8	17.8	31.1	13.3	22.4	133.8	939.3
TOTAL INVERTS	915.8	731.6	993.3	41.5	567.3	568.9	109.7	764.7	925.6	2253.7	1089.2
MISC.	14.4	126.6	154.2	1.0	26.4	0.3	0.0	5.9	1.7	37.5	4.3
TOTAL CATCH	3400.0	1979.9	1902.4	471.9	4311.1	3599.6	1550.7	1518.4	4624.8	5899.8	3175.2

Table 1.--(continued)

STATION ID	3518	3522	3526	3530	3534	3538	3542	3706	3710	3714	3718
MONTH/DAY/YEAR	6/13/89	6/18/89	6/23/89	6/30/89	7/ 5/89	7/ 6/89	7/14/89	6/ 8/89	6/ 9/89	6/11/89	6/14/89
LATITUDE START	56 38.9	56 40.3	56 40.0	56 39.4	56 39.9	56 40.4	56 39.9	57 0.8	56 59.1	57 0.3	57 1.4
LONGITUDE START	163 22.1	164 36.0	165 50.2	167 2.3	168 17.3	169 29.7	170 44.3	159 42.5	160 57.2	162 9.6	163 22.8
LORAN START	33916.60	34122.50	18669.40	18662.70	34832.70	35056.50	18396.60	33255.20	33436.50	33610.30	33800.30
LORAN START	47424.30	47918.90	48414.30	48892.40	49383.00	49826.50	35127.60	45945.50	46446.70	46931.90	47422.80
GEAR DEPTH	41	40	42	52	58	43	61	30	35	33	35
DURATION IN HOURS	0.50	0.50	0.50	0.50	0.25	0.33	0.50	0.50	0.50	0.50	0.50
DISTANCE FISHED	1.55	1.55	1.50	1.39	0.71	0.97	1.48	1.41	1.52	1.56	1.54
PERFORMANCE / GEAR	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44
POLLOCK	190.0	594.8	323.4	1130.5	6128.3	42.7	7010.6	662.5	164.6	182.5	311.5
PAC COD	4.0	367.7	217.4	99.4	198.0	152.8	33.3	45.6	50.4	67.4	32.9
PAC OC PERCH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER RCKFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SABLEFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC HERRING	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.2	0.0
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	5.0	1.8	0.0	12.4	28.3	530.4	6.7	30.4	83.0	0.0	28.2
EELPOUTS	0.0	1.8	6.8	14.9	0.9	0.0	44.2	0.0	0.0	0.0	0.0
OTHER RNDFISH	0.5	1.4	0.8	0.5	0.6	24.7	13.4	10.3	13.4	2.0	12.7
TOT ROUND FISH	199.8	967.5	548.4	1257.7	6356.1	750.6	7108.2	748.8	312.4	253.1	385.3
YELLOW SOLE	356.0	1330.2	46.2	6.2	0.0	0.0	0.0	662.5	1542.3	2352.2	1248.5
ROCK SOLE	88.0	724.6	81.5	27.3	0.0	676.5	2.4	893.2	908.9	333.2	612.9
FLATHEAD SOLE	158.0	483.1	87.0	159.0	145.9	13.5	118.9	12.3	339.4	35.7	240.6
ALASKA PLAICE	67.0	1503.2	10.9	69.6	3.0	0.0	0.0	4.9	14.1	234.0	580.0
GREENLAND TBT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ARROWTOOTH FL	0.3	0.0	10.9	89.4	86.3	220.3	109.4	0.0	0.0	0.0	0.0
PAC HALIBUT	0.0	0.0	3.3	0.0	7.2	47.1	0.0	2.0	19.6	10.8	62.1
OTHER FLTFISH	0.0	0.0	0.0	0.0	0.0	13.5	33.3	9.8	2.0	15.9	0.0
TOT FLATFISH	669.3	4041.1	239.8	351.5	242.4	970.9	264.0	1584.7	2826.3	2981.8	2744.1
SKATES	4.0	19.8	40.8	370.7	14.9	143.8	309.2	0.0	0.0	0.0	10.1
SHARKS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT ELASMOBRH	4.0	19.8	40.8	370.7	14.9	143.8	309.2	0.0	0.0	0.0	10.1
RED KING CRAB	49.5	20.0	0.0	0.0	0.0	0.0	0.0	71.5	169.2	34.5	13.0
BLUE KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TANNER, BAIRDI	30.5	39.5	168.2	56.0	1.9	3.5	17.0	16.5	38.7	167.0	365.0
TANNER, OPILIO	0.3	0.7	12.9	12.4	239.5	0.7	202.9	0.0	0.0	0.0	1.5
OTHER CRAB	38.2	11.9	264.4	716.1	55.1	46.3	107.0	98.2	5.1	2.0	108.1
SNAILS	53.0	53.4	86.5	93.0	13.4	0.0	60.5	0.0	0.0	0.8	265.4
SHRIMP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3
STARFISH	0.0	130.9	52.7	119.2	12.8	582.1	200.3	895.6	84.0	107.1	570.6
SQUID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCTOPUS	0.0	0.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER INVERTS	9.3	23.5	15.3	12.5	14.0	8300.7	1.0	284.6	714.1	243.9	46.1
TOTAL INVERTS	180.8	279.9	605.4	1009.2	336.7	8933.3	588.7	1366.4	1011.4	555.3	1370.0
MISC.	20.3	41.8	235.9	10.9	0.0	1.3	0.0	0.0	0.0	19.8	50.7
TOTAL CATCH	1074.2	5350.1	1670.3	3000.0	6950.1	10799.9	8270.1	3699.9	4150.1	3810.0	4560.2

Table 1.--(continued)

STATION ID	3722	3726	3730	3734	3738	3742	3746	3750	3902	3906	3910
MONTH/DAY/YEAR	6/18/89	6/23/89	6/30/89	7/ 4/89	7/ 6/89	7/14/89	7/15/89	7/26/89	6/ 6/89	6/ 8/89	6/ 9/89
LATITUDE START	57 0.8	56 59.9	56 59.6	57 1.2	56 59.6	56 58.1	57 0.6	57 0.4	57 18.7	57 20.1	57 19.3
LONGITUDE START	164 35.9	165 51.3	167 7.0	168 21.2	169 33.8	170 46.5	171 59.5	173 14.5	158 28.4	159 38.7	160 55.4
LORAN START	34013.80	18709.90	34502.20	34753.20	35024.80	18501.60	18042.40	17554.30	33003.90	33143.20	33321.00
LORAN START	47913.40	48419.30	48926.80	49422.80	49902.40	35098.30	34908.10	34728.10	45444.40	45914.20	46427.90
GEAR DEPTH	37	39	39	43	32	54	63	85	17	30	34
DURATION IN HOURS	0.50	0.53	0.50	0.50	0.33	0.52	0.50	0.50	0.50	0.50	0.50
DISTANCE FISHED	1.45	1.68	1.33	1.40	0.94	1.54	1.49	1.49	1.34	1.45	1.45
PERFORMANCE / GEAR	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44
POLLOCK	533.4	526.6	1745.3	4488.0	1975.3	723.5	1048.5	2908.0	28.0	42.0	602.0
PAC COD	134.0	205.0	1116.5	586.9	120.6	70.5	192.0	244.1	59.0	7.0	4.8
PAC OC PERCH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER RCKFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SABLEFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC HERRING	0.0	0.0	0.0	6.9	0.0	0.0	0.0	0.0	206.0	0.0	0.0
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	0.0	0.5	26.5	75.3	333.5	32.0	1.2	0.5	31.0	3.5	2.7
EELPOUTS	7.0	28.5	1.3	0.0	0.8	64.8	17.5	0.0	0.0	0.0	0.0
OTHER RNDFISH	1.1	2.8	0.4	0.0	112.5	25.0	1.3	0.0	46.0	11.0	10.5
TOT ROUND FISH	675.5	763.4	2890.0	5157.1	2542.7	915.8	1260.5	3152.6	370.0	63.5	620.0
YELLOW SOLE	1393.5	582.5	278.0	31.4	140.7	0.0	0.0	0.0	1480.0	379.0	320.0
ROCK SOLE	539.0	475.3	169.9	207.1	2634.3	20.1	0.2	16.1	1263.0	175.0	375.0
FLATHEAD SOLE	617.2	344.9	207.4	22.0	0.0	172.5	91.0	16.1	0.0	4.0	26.0
ALASKA PLAICE	1253.9	167.8	0.0	0.0	16.1	94.0	0.0	0.0	0.0	1.5	36.0
GREENLAND TBT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ARROWTOOTH FL	0.0	4.7	22.1	72.2	108.5	228.0	129.0	78.3	0.0	0.0	0.0
PAC HALIBUT	0.0	15.5	4.2	0.0	0.0	26.0	43.2	0.0	15.0	71.8	18.8
OTHER FLTFISH	0.0	0.0	0.0	0.0	0.4	1.1	5.9	5.5	80.0	0.6	0.5
TOT FLATFISH	3803.6	1590.7	681.6	332.7	2900.0	541.7	269.3	116.0	2838.0	631.9	776.3
SKATES	0.0	93.2	55.2	197.7	180.8	291.0	29.0	165.8	0.0	0.0	0.0
SHARKS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT ELASMOBRH	0.0	93.2	55.2	197.7	180.8	291.0	29.0	165.8	0.0	0.0	0.0
RED KING CRAB	5.0	0.0	0.0	0.0	118.5	0.0	0.0	0.0	0.1	5.0	68.5
BLUE KING CRAB	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	0.0	0.0
TANNER, BAIRDI	64.5	29.5	10.2	2.0	40.7	10.5	10.3	3.5	0.0	55.1	86.0
TANNER, OPILIO	18.1	81.0	59.0	44.1	65.3	165.7	238.1	0.0	0.0	0.0	0.0
OTHER CRAB	64.2	160.3	590.1	313.2	317.4	103.3	133.2	25.3	2.0	1.3	1.4
SNAILS	124.3	211.7	142.2	75.6	143.8	61.9	22.9	0.0	0.0	0.4	0.0
SHRIMP	0.0	0.0	0.4	0.0	0.0	0.6	1.0	0.5	0.1	0.0	0.0
STARFISH	91.3	502.3	1721.4	179.5	267.2	88.5	321.1	244.0	388.0	275.0	9.7
SQUID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCTOPUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0
OTHER INVERTS	39.4	48.6	0.0	348.1	249.5	24.7	0.2	2.3	2.8	6.5	86.2
TOTAL INVERTS	406.8	1033.4	2523.3	962.5	1206.3	455.2	726.8	276.1	393.0	343.3	251.8
MISC.	184.1	57.3	0.0	0.0	0.0	2.8	0.0	34.5	6.0	0.0	0.0
TOTAL CATCH	5070.0	3538.0	6150.1	6650.0	6829.8	2206.5	2285.6	3745.0	3607.0	1038.7	1648.1



Table 1.--(continued)

STATION ID	3914	3918	3922	3926	3930	3934	3938	3942	3946	3950	4102
MONTH/DAY/YEAR	6/11/89	6/14/89	6/18/89	6/23/89	6/30/89	7/ 4/89	7/ 7/89	7/13/89	7/15/89	7/26/89	6/ 6/89
LATITUDE START	57 20.7	57 19.4	57 20.3	57 18.9	57 19.1	57 21.0	57 20.0	57 20.1	57 19.5	57 24.8	57 39.7
LONGITUDE START	162 7.8	163 22.8	164 35.3	165 51.3	167 8.4	168 23.8	169 38.4	170 50.4	172 6.7	173 22.4	158 20.9
LORAN START	33489.90	33695.70	33896.00	18735.70	34388.40	34637.40	34912.70	18522.30	18037.80	17562.90	32875.10
LORAN START	46911.20	47413.80	47897.70	48406.90	48921.10	49419.50	49909.00	34957.40	34776.70	34564.60	45395.30
GEAR DEPTH	27	28	35	37	37	39	33	44	58	74	18
DURATION IN HOURS	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
DISTANCE FISHED	1.49	1.52	1.46	1.49	1.49	0.72	1.50	1.49	1.49	1.46	1.47
PERFORMANCE / GEAR	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	1 / 44	0 / 44	0 / 44	0 / 44
POLLOCK	252.7	274.8	315.4	116.6	224.6	1424.5	569.3	0.5	436.4	199.0	17.4
PAC COD	0.0	78.9	8.8	47.8	164.4	265.0	48.5	492.3	232.0	273.6	30.7
PAC OC PERCH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER RCKFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SABLEFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC HERRING	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	23.0	4.8	0.4	0.0	26.0	2.6	63.1	84.6	10.5	118.1	54.6
EELPOUTS	0.0	0.0	0.9	0.3	0.0	0.0	0.0	6.1	0.7	1.2	0.0
OTHER RNDFISH	1.0	0.7	3.5	0.6	14.0	3.0	53.4	3.1	0.1	1.0	7.3
TOT ROUNDFISH	276.7	359.2	329.0	165.3	429.0	1695.8	734.3	586.6	679.7	592.9	110.0
YELLOW SOLE	2667.0	623.7	976.8	200.3	1339.6	58.0	116.5	41.7	0.0	0.0	1172.0
ROCK SOLE	783.5	205.5	122.6	80.7	257.5	127.0	1847.1	743.3	11.7	98.2	1531.9
FLATHEAD SOLE	44.7	55.0	52.6	29.9	11.0	21.0	2.3	100.3	62.2	712.5	3.4
ALASKA PLAICE	1914.1	227.0	985.5	0.0	290.4	2.0	16.2	127.0	2.3	0.0	0.9
GREENLAND TBT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ARROWTOOTH FL	0.0	0.0	0.0	0.0	49.3	39.0	142.3	181.8	10.0	605.6	0.0
PAC HALIBUT	3.3	0.0	21.7	2.8	0.0	4.8	0.0	70.3	8.4	13.4	0.7
OTHER FLTFISH	11.0	0.0	0.0	0.0	0.0	0.0	0.0	7.6	0.6	13.7	47.8
TOT FLATFISH	5423.6	1111.2	2159.2	313.7	1947.8	251.8	2124.4	1272.0	95.2	1443.4	2756.7
SKATES	0.0	0.0	11.0	62.8	32.9	49.5	163.4	58.1	18.5	317.1	0.0
SHARKS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT ELASMOBRH	0.0	0.0	11.0	62.8	32.9	49.5	163.4	58.1	18.5	317.1	0.0
RED KING CRAB	36.0	7.5	10.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
BLUE KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0
TANNER, BAIRDI	256.0	285.0	138.5	25.0	4.6	1.2	392.8	276.3	0.6	8.5	0.0
TANNER, OPILIO	0.0	0.2	179.3	38.2	57.7	173.7	54.2	0.0	140.1	0.8	0.0
OTHER CRAB	10.7	137.2	178.7	193.5	340.0	1.5	668.5	103.3	30.4	63.9	1.2
SNAILS	20.4	608.6	46.9	363.9	27.7	0.0	0.0	107.6	9.6	18.6	0.0
SHRIMP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.2
STARFISH	329.2	243.2	65.7	224.0	233.4	49.7	448.0	314.9	2.0	41.3	968.9
SQUID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCTOPUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER INVERTS	6.9	19.6	215.5	62.2	267.6	1.0	308.0	27.3	0.0	7.7	19.5
TOTAL INVERTS	659.2	1301.3	834.6	909.8	931.0	227.1	1875.0	829.4	182.7	141.5	990.0
MISC.	382.8	176.6	216.4	208.4	139.4	242.5	33.0	0.0	0.0	14.9	3.4
TOTAL CATCH	6742.3	2948.3	3550.2	1660.0	3480.1	2466.7	4930.1	2746.1	976.1	2509.8	3860.1

Table 1.--(continued)

STATION ID	4106	4110	4114	4118	4122	4126	4130	4134	4138	4142	4146
MONTH/DAY/YEAR	6/ 8/89	6/10/89	6/11/89	6/14/89	6/17/89	6/23/89	6/30/89	7/ 4/89	7/ 7/89	7/13/89	7/15/89
LATITUDE START	57 40.6	57 40.7	57 40.0	57 39.3	57 41.1	57 39.4	57 39.0	57 41.0	57 40.8	57 40.1	57 39.6
LONGITUDE START	159 37.1	160 52.5	162 0.9	163 22.4	164 36.7	165 52.5	167 9.4	168 25.0	169 40.7	170 53.8	172 9.7
LORAN START	33023.40	33188.40	33354.60	33567.90	33762.30	34000.40	34247.20	34477.90	34699.40	18459.70	18030.00
LORAN START	45901.60	46402.10	46856.10	47396.90	47887.00	48389.40	48894.30	49373.50	49813.90	34743.10	34612.60
GEAR DEPTH	27	30	25	24	28	34	36	38	37	46	58
DURATION IN HOURS	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.42	0.33
DISTANCE FISHED	1.59	1.48	1.47	1.54	1.46	1.46	1.53	1.59	0.97	1.20	1.01
PERFORMANCE / GEAR	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44
POLLOCK	375.2	517.5	18.0	46.0	88.1	75.8	319.3	8211.2	231.5	2790.5	3466.6
PAC COD	57.3	78.4	24.4	0.0	57.7	31.3	178.0	202.5	9.5	61.7	125.8
PAC OC PERCH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER RCKFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SABLEFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC HERRING	2.9	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44.5	2.9
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	60.4	59.6	30.3	13.8	48.9	13.2	25.4	18.6	1.6	27.6	1.2
EELPOUTS	0.0	0.0	0.0	0.0	0.0	0.3	7.7	0.0	1.6	9.7	10.8
OTHER RNDFISH	50.5	11.0	2.7	2.0	1.8	0.6	8.7	28.7	1.2	1.9	2.6
TOT ROUND FISH	546.3	668.1	75.4	61.8	196.5	121.2	539.1	8461.0	245.4	2935.9	3609.9
YELLOW SOLE	435.3	3446.8	1071.0	1153.8	711.0	497.7	631.6	2949.2	304.4	17.9	0.0
ROCK SOLE	658.7	812.3	840.8	153.3	112.4	62.6	750.2	389.4	174.8	65.9	68.8
FLATHEAD SOLE	11.5	103.5	10.5	13.4	18.2	1.6	85.5	40.5	119.2	129.0	175.6
ALASKA PLAICE	0.0	106.6	198.9	172.5	79.0	39.6	106.4	77.9	369.3	6.5	4.4
GREENLAND TBT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
ARROWTOOTH FL	0.0	0.0	0.0	0.0	0.0	0.0	3.5	161.0	57.9	100.7	80.5
PAC HALIBUT	34.7	1.2	52.8	29.6	12.6	9.2	64.3	7.3	0.0	0.0	34.8
OTHER FLT FISH	15.2	6.3	14.0	11.5	0.9	0.0	0.0	0.0	0.0	0.0	0.0
TOT FLAT FISH	1155.4	4476.7	2188.0	1534.1	934.1	610.7	1641.5	3625.3	1025.6	320.0	365.0
SKATES	0.0	0.0	0.0	0.0	33.4	0.0	8.7	62.3	30.1	154.3	95.1
SHARKS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT ELASMOBRH	0.0	0.0	0.0	0.0	33.4	0.0	8.7	62.3	30.1	154.3	95.1
RED KING CRAB	16.7	66.0	21.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BLUE KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.2	4.0	0.0
TANNER, BAIRDI	183.5	275.0	12.5	33.0	275.5	8.0	1.2	5.7	0.0	411.9	26.7
TANNER, OPILIO	0.0	0.0	0.0	0.0	2.5	1026.0	171.5	109.4	797.0	98.1	520.6
OTHER CRAB	0.6	33.0	14.6	156.8	217.2	251.2	506.3	16.5	317.0	604.9	164.2
SNAILS	8.6	62.7	20.9	418.6	437.5	215.9	168.9	0.0	9.5	676.0	278.2
SHRIMP	0.3	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.3	1.2
STARFISH	349.4	326.2	453.5	497.2	209.3	235.3	222.9	137.1	213.0	350.8	25.7
SQUID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCTOPUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER INVERTS	27.5	142.7	8.7	0.0	484.9	29.0	559.8	28.7	6.3	323.5	13.4
TOTAL INVERTS	586.6	905.6	531.2	1112.0	1626.9	1765.4	1630.6	297.4	1359.0	2469.5	1030.0
MISC.	0.0	269.7	5.2	117.3	516.5	117.7	0.0	3054.2	0.0	0.0	0.0
TOTAL CATCH	2288.3	6320.1	2799.8	2825.2	3307.4	2615.0	3819.9	15500.2	2660.1	5879.7	5100.0

Table 1.--(continued)

STATION ID	4150	4302	4304	4306	4310	4314	4318	4322	4326	4330	4334
MONTH/DAY/YEAR	7/26/89	6/ 6/89	6/ 6/89	6/ 8/89	6/10/89	6/11/89	6/14/89	6/17/89	6/23/89	6/30/89	7/ 3/89
LATITUDE START	57 40.5	57 59.8	57 59.9	58 0.1	57 59.8	57 59.9	57 59.4	58 0.2	57 59.1	57 59.1	58 1.1
LONGITUDE START	173 24.3	158 18.4	158 57.1	159 34.1	160 51.9	162 4.2	163 22.2	164 37.8	165 54.4	167 9.7	168 26.3
LORAN START	17573.80	32755.40	32828.10	32900.50	33066.50	33232.50	33429.70	33626.40	33855.10	34079.90	34287.50
LORAN START	34448.90	45386.30	45640.10	45882.70	46392.70	46867.40	47378.00	47869.60	48366.80	48844.60	49302.30
GEAR DEPTH	81	17	21	22	24	19	22	23	29	34	37
DURATION IN HOURS	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
DISTANCE FISHED	1.54	1.52	1.58	1.50	1.52	1.52	1.54	1.44	1.46	1.51	1.44
PERFORMANCE / GEAR	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44
POLLOCK	44.0	38.0	33.5	8.0	19.2	12.3	0.4	91.6	228.5	152.8	127.0
PAC COD	216.5	28.3	31.7	9.0	54.8	14.7	0.0	0.0	126.9	61.1	116.0
PAC OC PERCH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER RCKFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SABLEFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC HERRING	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	28.0	37.4	75.2	50.3	190.4	42.9	36.7	1.5	55.8	22.2	94.9
EELPOUTS	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.1
OTHER RNDFISH	4.7	15.1	14.3	5.0	5.2	3.4	3.3	2.5	53.3	10.0	20.7
TOT ROUND FISH	293.7	118.8	156.6	72.3	269.6	73.3	40.4	95.6	464.5	247.1	363.3
YELLOW SOLE	0.0	1201.0	2755.2	436.0	3012.4	228.2	2471.5	817.4	863.1	1428.2	3040.8
ROCK SOLE	96.0	251.0	1596.5	357.0	2059.4	922.7	635.1	470.6	421.4	90.1	703.8
FLATHEAD SOLE	217.5	0.0	1.3	0.0	0.0	0.0	0.0	0.0	25.4	30.6	34.5
ALASKA PLAICE	0.0	0.0	5.6	1.0	180.7	29.4	268.6	168.4	413.8	342.6	81.5
GREENLAND TBT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ARROWTOOTH FL	374.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6
PAC HALIBUT	4.2	2.4	5.0	15.9	2.2	20.6	0.6	0.4	11.2	19.7	5.0
OTHER FLT FISH	6.5	29.8	61.5	11.5	71.2	71.1	1.5	17.3	0.0	0.0	0.0
TOT FLAT FISH	698.2	1484.2	4425.1	821.4	5325.9	1272.0	3377.3	1474.1	1734.9	1911.2	3867.2
SKATES	115.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	105.0
SHARKS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT ELASMOBRH	115.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	105.0
RED KING CRAB	0.0	24.5	5.5	12.0	42.0	3.0	36.5	1.5	0.0	0.0	23.5
BLUE KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TANNER, BAIRDI	7.5	0.0	0.0	0.0	19.0	0.0	0.0	9.3	9.0	0.0	39.6
TANNER, OPILIO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	481.5	616.5	356.4
OTHER CRAB	80.0	6.4	7.8	2.3	42.4	13.3	123.8	291.2	744.8	652.3	497.2
SNAILS	8.4	0.2	3.7	0.0	5.4	6.1	424.6	381.0	137.1	0.0	218.2
SHRIMP	0.5	0.1	0.6	0.0	0.6	0.0	0.0	3.5	0.0	0.0	0.0
STARFISH	26.9	554.5	529.1	35.5	610.7	422.1	1330.1	274.9	563.1	178.5	191.4
SQUID	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCTOPUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER INVERTS	0.8	7.5	9.7	4.5	84.3	3.9	0.0	298.2	218.4	836.7	318.3
TOTAL INVERTS	124.4	593.2	556.4	54.3	804.4	448.4	1915.0	1259.9	2153.9	2284.0	1644.6
MISC.	15.0	0.0	1.9	0.0	0.0	6.1	17.4	171.9	671.7	107.8	0.0
TOTAL CATCH	1246.3	2196.2	5140.0	948.0	6399.9	1799.8	5350.1	3001.5	5025.0	4550.1	5980.1

Table 1.--(continued)

STATION ID	4338	4342	4346	4350	4510	4514	4518	4522	4526	4530	4534
MONTH/DAY/YEAR	7/ 9/89	7/13/89	7/15/89	7/26/89	6/10/89	6/10/89	6/14/89	6/17/89	6/24/89	7/ 1/89	7/ 3/89
LATITUDE START	57 59.5	58 0.1	58 0.2	57 59.4	58 19.1	58 20.2	58 20.1	58 20.9	58 19.2	58 20.0	58 21.0
LONGITUDE START	169 42.2	170 58.0	172 12.1	173 28.7	160 46.3	161 57.8	163 22.0	164 37.9	165 55.0	167 9.9	168 28.7
LORAN START	18625.50	18379.10	18001.70	17561.10	32927.00	33075.60	33276.10	33463.80	33686.90	33886.60	34081.70
LORAN START	49705.60	34510.90	34418.50	34289.90	46352.70	46813.40	47354.20	47836.80	48324.60	48778.90	49222.50
GEAR DEPTH	37	46	56	64	10	24	18	22	23	27	34
DURATION IN HOURS	0.50	0.33	0.50	0.33	0.42	0.50	0.50	0.50	0.50	0.50	0.50
DISTANCE FISHED	1.59	1.03	1.46	1.01	1.51	1.37	1.53	1.57	1.37	1.47	1.48
PERFORMANCE / GEAR	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44
POLLOCK	257.1	2440.8	490.9	5615.5	0.0	12.6	27.9	0.0	39.8	379.9	1481.8
PAC COD	40.9	239.4	150.8	0.0	0.0	0.0	0.0	0.0	0.1	169.3	357.3
PAC OC PERCH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER RCKFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SABLEFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC HERRING	0.0	2.3	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	49.3	16.2	17.6	174.8	18.4	146.8	353.9	26.6	48.7	30.9	25.5
EELPOUTS	13.6	18.2	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER RDNDFISH	1.9	0.0	1.8	0.4	5.1	3.9	8.9	2.8	2.1	21.1	15.3
TOT ROUND FISH	362.8	2716.9	671.1	5790.7	23.5	163.3	390.7	32.1	90.7	601.2	1879.9
YELLOW SOLE	47.2	77.2	0.0	0.0	6188.7	810.9	1177.4	1708.5	362.2	674.2	275.6
ROCK SOLE	117.5	129.4	35.6	178.6	198.5	718.6	1516.2	50.6	255.7	270.7	609.0
FLATHEAD SOLE	17.8	148.7	49.8	93.1	0.0	0.0	0.0	0.0	0.0	2.0	68.0
ALASKA PLAICE	336.9	151.4	429.7	0.0	1.8	1.1	31.4	159.9	21.3	81.7	957.8
GREENLAND TBT	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ARROWTOOTH FL	6.3	123.6	26.5	176.7	0.0	0.0	0.0	0.0	0.0	0.0	1.7
PAC HALIBUT	0.0	7.6	129.1	25.3	0.0	0.7	100.5	0.0	8.3	0.0	0.0
OTHER FLTFISH	0.0	0.0	0.0	3.8	111.8	62.1	8.7	2.7	0.0	0.0	0.0
TOT FLATFISH	525.7	639.1	670.7	477.5	6500.8	1593.4	2834.2	1921.7	647.5	1028.6	1912.1
SKATES	50.4	289.7	278.9	57.0	0.0	0.0	0.0	0.0	9.9	0.0	27.2
SHARKS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT ELASMOBRH	50.4	289.7	278.9	57.0	0.0	0.0	0.0	0.0	9.9	0.0	27.2
RED KING CRAB	0.0	0.0	0.0	0.0	9.0	0.0	2.5	14.5	0.0	0.0	2.4
BLUE KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TANNER, BAIRDI	53.5	8.0	1.7	1.8	0.8	0.0	0.0	0.0	0.3	5.0	0.0
TANNER, OPILIO	1186.1	103.8	1656.9	195.2	0.0	0.0	0.0	0.0	0.5	38.4	74.0
OTHER CRAB	340.4	24.7	88.8	166.8	16.2	45.5	33.9	120.0	28.4	329.5	308.6
SNAILS	262.0	51.0	54.4	41.0	1.8	2.8	4.2	119.9	19.8	241.5	202.4
SHRIMP	0.2	1.2	10.8	1.1	0.4	0.3	0.0	0.0	0.2	0.2	0.6
STARFISH	107.8	1091.8	46.9	32.7	433.0	475.4	484.2	959.5	285.5	444.7	260.9
SQUID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCTOPUS	0.0	0.0	0.0	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER INVERTS	69.3	3.9	19.9	1.1	14.4	12.3	0.0	28.0	29.1	146.4	131.7
TOTAL INVERTS	2019.3	1284.4	1879.4	445.4	475.6	536.3	524.8	1241.9	363.8	1205.7	980.6
MISC.	0.0	0.0	0.0	9.5	0.0	7.0	0.0	10.1	7.1	3.9	0.0
TOTAL CATCH	2958.2	4930.1	3500.1	6780.1	6999.9	2300.0	3749.7	3205.8	1119.0	2839.4	4799.8

Table 1.--(continued)

STATION ID	4538	4542	4546	4550	4718	4722	4726	4730	4734	4738	4742
MONTH/DAY/YEAR	7/ 9/89	7/13/89	7/16/89	7/26/89	6/15/89	6/17/89	6/24/89	7/ 1/89	7/ 3/89	7/ 9/89	7/13/89
LATITUDE START	58 21.6	58 20.3	58 20.5	58 19.2	58 39.9	58 38.6	58 39.4	58 39.3	58 40.7	58 38.9	58 39.6
LONGITUDE START	169 43.4	171 1.3	172 15.9	173 33.7	163 20.2	164 35.3	165 55.9	167 12.4	168 30.0	169 46.1	171 5.2
LORAN START	18541.70	18300.20	17952.40	17534.90	33115.70	33307.80	33504.70	33700.60	33863.70	18472.60	18223.00
LORAN START	49572.40	34272.20	34207.50	34109.00	47319.10	47787.80	48276.50	48722.90	49130.60	49476.40	34041.20
GEAR DEPTH	37	45	55	63	16	20	19	23	28	35	44
DURATION IN HOURS	0.50	0.33	0.33	0.50	0.50	0.50	0.50	0.50	0.50	0.42	0.50
DISTANCE FISHED	1.50	0.99	1.00	1.49	1.60	1.50	1.64	1.46	1.51	1.20	1.46
PERFORMANCE / GEAR	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44
POLLOCK	438.5	1803.9	2709.5	99.8	0.0	10.1	0.4	60.0	306.9	706.4	3332.3
PAC COD	101.0	93.4	269.3	145.4	30.6	0.0	19.5	0.4	89.5	67.3	51.7
PAC OC PERCH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER RCKFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SABLEFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC HERRING	1.3	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	500.5	15.6	27.3	131.7	123.9	104.6	39.9	57.6	149.1	60.0	19.7
EELPOUTS	18.0	56.0	18.1	4.9	0.0	0.0	0.0	0.0	0.0	3.4	3.0
OTHER RNDFISH	11.6	1.2	1.1	1.7	5.8	2.7	2.2	13.1	43.5	3.7	2.5
TOT ROUND FISH	1070.9	1974.1	3025.3	383.5	160.3	117.4	62.0	131.1	589.0	840.8	3409.2
YELLOW SOLE	143.0	87.1	0.0	0.0	1660.9	1164.0	838.8	1228.9	992.7	262.3	64.0
ROCK SOLE	159.0	79.4	5.2	719.7	630.1	491.2	312.8	454.6	355.3	76.1	120.7
FLATHEAD SOLE	7.5	74.7	77.5	193.8	0.0	0.0	0.0	0.0	11.7	1.9	49.3
ALASKA PLAICE	574.5	98.0	188.1	0.0	84.1	154.7	21.3	142.0	288.3	203.1	102.0
GREENLAND TBT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ARROWTOOTH FL	7.7	101.8	48.0	229.4	0.0	0.0	0.0	0.8	0.0	1.2	11.3
PAC HALIBUT	0.0	28.6	0.0	0.0	1.8	0.1	38.7	8.5	14.7	0.0	0.0
OTHER FLTFISH	9.0	1.2	1.5	34.2	55.1	23.5	32.0	1.2	0.0	3.0	3.0
TOT FLATFISH	900.7	470.8	320.3	1177.1	2432.0	1833.5	1243.6	1836.0	1662.7	547.6	350.3
SKATES	93.0	90.3	261.9	131.1	0.0	0.0	39.1	92.3	131.7	82.5	71.4
SHARKS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT ELASMOBRH	93.0	90.3	261.9	131.1	0.0	0.0	39.1	92.3	131.7	82.5	71.4
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	6.0	3.0	2.2	0.0	0.0	0.0
BLUE KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0
TANNER, BAIRDI	5.3	5.0	4.0	2.8	0.0	0.0	0.0	0.0	0.0	0.2	0.0
TANNER, OPILIO	99.6	371.0	378.6	132.2	0.0	0.0	0.3	2.0	2.8	284.5	502.8
OTHER CRAB	35.3	65.6	132.8	89.5	0.6	7.8	4.7	175.3	159.0	73.1	151.8
SNAILS	47.1	206.0	100.0	22.6	0.0	1.7	10.7	139.0	82.2	60.0	559.6
SHRIMP	0.0	0.3	7.4	0.0	0.3	0.3	0.0	2.2	0.4	0.0	0.0
STARFISH	35.5	105.3	219.8	0.0	406.8	830.9	1236.9	757.0	595.1	40.2	153.2
SQUID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCTOPUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER INVERTS	127.0	8.4	0.0	2.7	0.0	2.4	0.0	33.0	301.4	24.2	2.0
TOTAL INVERTS	349.8	761.6	842.6	249.8	407.7	849.1	1255.6	1110.7	1144.1	482.2	1369.4
MISC.	0.0	0.0	0.0	28.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	2414.4	3296.8	4450.1	1970.3	3000.0	2800.0	2600.3	3170.1	3527.5	1953.1	5200.3

Table 1.--(continued)

STATION ID	4746	4750	4754	4756	4758	4760	4918	4922	4926	4930	4934
MONTH/DAY/YEAR	7/16/89	7/27/89	8/ 8/89	8/ 8/89	8/ 7/89	8/ 7/89	6/15/89	6/17/89	6/24/89	7/ 1/89	7/ 3/89
LATITUDE START	58 39.8	58 41.0	58 41.3	58 39.9	58 40.0	58 41.2	58 59.3	58 56.1	58 59.3	58 59.5	59 0.8
LONGITUDE START	172 22.5	173 39.1	174 54.1	175 31.7	176 11.6	176 47.2	163 21.0	164 41.7	165 55.9	167 14.4	168 30.0
LORAN START	17885.90	17498.20	17098.10	16892.60	16675.00	16483.40	32956.40	33167.80	33312.50	33491.50	33631.60
LORAN START	33996.10	33898.00	33795.70	33755.60	33699.70	33641.90	47297.60	47790.40	48217.90	48653.30	49027.20
GEAR DEPTH	55	69	103	73	76	73	11	15	15	21	24
DURATION IN HOURS	0.33	0.42	0.50	0.50	0.50	0.33	0.50	0.50	0.50	0.50	0.50
DISTANCE FISHED	0.74	1.30	1.52	1.48	1.67	0.96	1.47	1.44	1.52	1.60	1.50
PERFORMANCE / GEAR	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44
POLLOCK	2146.2	6619.1	109.0	1340.5	2094.9	1746.3	5.9	0.0	0.0	44.5	58.5
PAC COD	213.6	261.2	112.0	18.2	330.5	227.3	0.0	0.0	0.0	3.5	66.1
PAC OC PERCH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER RCKFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SABLEFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC HERRING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	33.3	16.8	7.3	0.7	0.0	0.0	50.0	207.6	19.7	11.0	39.3
EELPOUTS	11.6	0.7	0.8	2.5	0.0	1.8	0.0	0.0	0.0	0.0	0.0
OTHER RNDFISH	0.1	6.4	25.8	0.0	0.0	2.0	2.7	2.3	1.8	3.5	11.5
TOT ROUND FISH	2404.8	6904.2	254.9	1361.9	2425.4	1977.4	58.6	211.8	21.5	62.5	175.4
YELLOW SOLE	0.0	0.0	0.0	0.0	0.0	0.0	6251.1	1815.5	1910.5	1452.5	1234.5
ROCK SOLE	11.3	74.6	44.5	32.8	64.6	55.1	408.5	482.1	126.1	101.0	481.4
FLATHEAD SOLE	9.5	600.7	42.0	76.6	155.3	124.0	0.0	0.0	0.0	0.0	0.0
ALASKA PLAICE	13.1	7.5	0.0	0.0	0.0	0.0	1.5	49.0	89.2	19.0	205.8
GREENLAND TBT	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ARROWTOOTH FL	61.0	153.0	1112.0	401.2	372.8	105.6	0.0	0.0	0.0	0.0	0.0
PAC HALIBUT	0.0	0.0	46.9	0.0	11.3	0.0	0.6	5.0	0.0	2.1	10.0
OTHER FLT FISH	0.0	0.0	27.0	21.9	5.7	2.7	51.5	56.5	26.2	3.0	0.0
TOT FLAT FISH	95.7	835.8	1272.4	532.5	609.7	287.4	6713.2	2408.1	2152.0	1577.6	1931.7
SKATES	158.3	123.1	170.0	21.9	24.9	18.4	0.0	0.0	43.1	24.0	349.2
SHARKS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT ELASMOBRH	158.3	123.1	170.0	21.9	24.9	18.4	0.0	0.0	43.1	24.0	349.2
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	2.7
BLUE KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TANNER, BAIRDI	7.4	16.8	1.0	3.6	0.1	0.2	0.0	0.0	0.0	0.0	0.0
TANNER, OPILIO	17.7	56.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
OTHER CRAB	21.6	221.3	21.0	32.8	92.7	52.8	5.3	14.7	1.2	29.5	55.9
SNAILS	38.0	138.8	8.5	30.3	27.1	21.9	0.0	0.0	0.6	29.5	98.0
SHRIMP	0.7	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.1
STARFISH	56.7	183.2	0.5	1.1	0.0	1.3	332.1	305.1	790.6	550.5	364.1
SQUID	0.0	0.0	0.1	0.0	0.0	28.7	0.0	0.0	0.0	0.0	0.0
OCTOPUS	0.0	0.0	0.1	0.0	57.2	0.0	0.0	0.0	0.0	0.0	0.0
OTHER INVERTS	7.7	12.0	3.0	1.1	0.7	1.6	0.0	0.4	0.9	5.4	20.3
TOTAL INVERTS	149.8	628.1	34.6	68.9	177.8	106.5	340.4	320.2	793.3	615.1	542.9
MISC.	0.0	59.0	13.0	14.6	32.1	9.8	0.0	0.0	0.0	0.0	0.9
TOTAL CATCH	2808.6	8550.2	1744.9	1999.8	3269.9	2399.5	7112.2	2940.1	3009.9	2279.2	3000.1

Table 1.--(continued)

STATION ID	4938	4942	4946	4950	4954	4956	4958	5122	5126	5130	5134
MONTH/DAY/YEAR	7/ 9/89	7/12/89	7/16/89	7/27/89	8/ 7/89	8/ 7/89	8/ 7/89	6/15/89	6/24/89	7/ 1/89	7/ 3/89
LATITUDE START	58 59.1	59 0.7	58 59.7	58 59.4	59 0.9	59 0.0	58 59.8	59 19.7	59 19.2	59 20.1	59 20.9
LONGITUDE START	169 50.5	171 7.7	172 27.8	173 42.5	174 59.5	175 43.2	176 17.4	164 38.3	165 56.9	167 17.6	168 34.0
LORAN START	18390.20	18148.10	17823.40	17468.50	17077.50	16850.40	16671.40	32939.40	33113.20	33271.40	33402.00
LORAN START	49370.60	33788.80	33774.90	33714.00	33616.50	33572.90	33533.90	47718.40	48161.60	48584.40	48942.60
GEAR DEPTH	34	41	53	64	71	73	74	10	12	16	21
DURATION IN HOURS	0.50	0.33	0.25	0.33	0.50	0.33	0.33	0.50	0.50	0.50	0.50
DISTANCE FISHED	1.47	1.07	0.75	1.03	1.57	1.04	1.07	1.39	1.47	1.48	1.44
PERFORMANCE / GEAR	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44
POLLOCK	868.2	1564.3	3169.3	3376.0	688.4	7703.4	5854.4	0.3	10.6	0.0	117.0
PAC COD	176.2	75.5	117.5	515.7	725.4	113.4	415.3	0.1	0.0	11.4	7.0
PAC OC PERCH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER RCKFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SABLEFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC HERRING	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	45.6	61.5	13.2	9.3	9.2	3.5	0.7	70.3	1.9	32.0	8.8
EELPOUTS	12.9	11.5	12.8	9.9	28.3	10.6	0.0	0.0	0.0	0.0	0.0
OTHER RNDFISH	13.9	4.9	0.4	3.1	6.5	1.4	0.7	22.6	4.0	9.9	1.5
TOT ROUNDFISH	1116.8	1720.6	3313.2	3914.0	1457.8	7832.3	6271.1	93.3	16.5	53.3	134.3
YELLOW SOLE	408.3	42.5	0.0	0.0	0.0	0.0	0.0	1341.6	1384.9	1009.6	467.5
ROCK SOLE	202.0	112.0	13.2	165.8	111.1	3.5	0.0	37.3	266.9	580.3	289.3
FLATHEAD SOLE	9.7	8.0	2.6	192.3	146.0	241.1	919.0	0.0	0.0	0.0	0.0
ALASKA PLAICE	322.3	104.0	0.0	82.9	0.0	0.0	0.0	0.0	17.2	19.3	90.0
GREENLAND TBT	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ARROWTOOTH FL	0.0	0.0	77.6	213.9	357.3	113.4	40.8	0.0	0.0	0.0	0.0
PAC HALIBUT	24.4	0.0	0.0	0.0	5.6	0.0	0.0	0.1	12.5	6.5	7.0
OTHER FLTFFISH	11.2	4.2	5.9	0.0	37.0	14.2	0.0	23.0	27.7	8.8	0.2
TOT FLATFISH	977.9	270.7	99.3	656.2	657.0	372.2	959.8	1402.0	1709.2	1624.5	854.0
SKATES	79.5	85.5	238.9	245.4	427.0	78.0	68.1	0.0	0.0	14.0	79.0
SHARKS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT ELASMOBRH	79.5	85.5	238.9	245.4	427.0	78.0	68.1	0.0	0.0	14.0	79.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	0.0
BLUE KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TANNER, BAIRDI	0.0	0.0	0.6	32.5	6.5	3.5	0.5	0.0	0.0	0.0	0.0
TANNER, OPILIO	355.2	341.5	22.7	16.8	0.0	0.3	0.5	0.0	0.0	0.0	3.3
OTHER CRAB	291.1	31.8	19.4	19.6	91.1	89.3	23.1	2.9	0.8	12.9	122.2
SNAILS	86.4	136.9	33.0	58.3	149.9	95.0	29.4	0.0	0.0	4.2	41.2
SHRIMP	0.0	0.0	0.4	8.3	0.4	0.0	0.0	0.0	0.3	0.0	0.3
STARFISH	58.5	87.2	12.8	49.5	0.0	467.2	0.7	301.6	383.2	433.4	390.0
SQUID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCTOPUS	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
OTHER INVERTS	104.7	0.6	0.0	20.3	0.0	31.9	10.2	0.0	0.0	1.0	19.6
TOTAL INVERTS	895.9	598.0	88.9	205.3	248.3	687.2	64.4	304.5	384.3	456.3	576.6
MISC.	0.0	0.0	0.0	29.2	0.0	0.0	6.8	0.0	0.0	0.0	2.1
TOTAL CATCH	3070.1	2674.8	3740.3	5050.1	2790.1	8969.7	7370.2	1799.8	2110.0	2148.1	1646.0

Table 1.--(continued)

STATION ID	5138	5142	5146	5150	5326	5330	5334	5338	5342	5346	5354
MONTH/DAY/YEAR	7/10/89	7/12/89	7/16/89	7/27/89	6/24/89	7/ 1/89	7/ 2/89	7/10/89	7/12/89	7/17/89	8/ 2/89
LATITUDE START	59 20.2	59 20.3	59 19.5	59 19.6	59 36.9	59 38.4	59 40.7	59 39.2	59 40.9	59 39.6	59 40.0
LONGITUDE START	169 52.1	171 10.9	172 30.0	173 47.3	165 59.2	167 17.3	168 37.7	169 54.8	171 15.4	172 34.1	175 7.7
LORAN START	18314.30	18078.10	17774.00	17428.00	32933.00	33064.70	33170.50	18245.20	18003.60	17716.80	17041.20
LORAN START	49253.00	33554.80	33553.90	33506.20	48117.20	48506.60	48857.70	33280.70	33309.30	33328.10	33245.80
GEAR DEPTH	32	40	47	60	13	16	20	30	39	45	68
DURATION IN HOURS	0.50	0.33	0.25	0.33	0.50	0.50	0.50	0.50	0.33	0.33	0.33
DISTANCE FISHED	1.53	0.99	0.81	1.04	1.47	1.52	1.35	1.57	0.94	1.02	0.99
PERFORMANCE / GEAR	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44
POLLOCK	533.6	467.7	1455.2	2676.9	15.2	0.0	92.0	392.3	66.5	562.9	6782.5
PAC COD	240.6	68.5	79.5	143.6	0.0	0.0	37.0	138.2	0.2	61.9	393.6
PAC OC PERCH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER RCKFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SABLEFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC HERRING	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	70.2	60.0	12.0	62.9	17.3	26.1	22.0	94.4	45.6	0.0	71.5
EELPOUTS	6.0	11.3	14.4	28.0	0.0	0.0	0.0	1.0	6.5	14.4	1.6
OTHER RNDFISH	12.9	3.3	0.4	0.0	21.5	10.9	6.0	8.8	2.4	0.1	4.9
TOT ROUND FISH	865.1	610.8	1561.5	2911.4	54.0	37.0	157.0	634.7	121.2	639.3	7254.1
YELLOW SOLE	291.5	18.5	4.8	1.8	851.6	1004.5	406.5	339.8	64.0	10.1	0.0
ROCK SOLE	385.6	13.0	48.2	44.2	290.9	441.2	391.0	456.6	12.0	28.6	8.2
FLATHEAD SOLE	19.4	0.0	25.3	68.1	0.0	1.5	0.0	7.2	0.0	70.8	34.4
ALASKA PLAICE	394.6	41.5	158.9	452.9	9.1	47.9	48.5	1068.9	69.5	135.7	0.0
GREENLAND TBT	0.0	0.1	0.8	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
ARROWTOOTH FL	0.0	0.0	12.0	394.0	0.0	0.0	0.0	0.0	0.0	0.0	82.0
PAC HALIBUT	0.0	19.1	0.0	0.0	48.5	2.0	22.5	0.0	0.0	3.6	43.7
OTHER FLTFISH	25.4	15.0	4.8	0.0	243.6	19.6	2.3	21.4	18.5	39.3	16.4
TOT FLATFISH	1116.5	107.2	254.8	961.0	1443.7	1516.7	870.8	1893.9	164.1	288.1	184.7
SKATES	41.9	0.0	79.5	51.6	0.0	0.0	81.0	103.2	12.3	20.2	147.6
SHARKS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT ELASMOBRH	41.9	0.0	79.5	51.6	0.0	0.0	81.0	103.2	12.3	20.2	147.6
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BLUE KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	0.0
TANNER, BAIRDI	0.0	0.0	0.7	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
TANNER, OPILIO	117.9	635.9	255.8	54.5	0.0	0.2	0.1	169.4	579.9	208.4	166.7
OTHER CRAB	176.4	28.0	20.7	44.9	1.2	15.3	49.3	340.6	30.8	53.0	6.6
SNAILS	220.2	35.5	30.1	111.6	0.0	5.5	40.9	409.7	17.7	74.6	43.1
SHRIMP	0.0	0.0	0.0	9.6	0.0	0.4	0.2	0.0	0.1	0.0	1.1
STARFISH	56.8	33.3	59.1	37.9	1539.5	422.3	294.5	104.8	58.1	53.5	30.6
SQUID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCTOPUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER INVERTS	135.4	0.5	8.0	7.0	1.5	2.6	10.2	173.9	2.4	7.4	3.8
TOTAL INVERTS	706.7	733.2	374.4	285.5	1542.2	446.3	395.2	1198.4	689.0	401.7	252.4
MISC.	0.0	0.0	0.0	50.4	0.0	0.0	0.0	0.0	0.0	0.0	10.9
TOTAL CATCH	2730.2	1451.2	2270.2	4259.9	3039.9	2000.0	1504.0	3830.2	986.6	1349.3	7849.7



Table 1.--(continued)

STATION ID	5356	5358	5360	5534	5538	5542	5546	5550	5730	5732	5734
MONTH/DAY/YEAR	8/ 2/89	8/ 2/89	8/ 2/89	7/ 2/89	7/10/89	7/12/89	7/17/89	7/20/89	7/ 2/89	7/ 2/89	7/ 2/89
LATITUDE START	59 39.7	59 39.6	59 40.2	60 0.7	59 59.2	59 59.6	59 59.4	60 1.1	60 19.8	60 20.0	60 19.6
LONGITUDE START	175 53.1	176 32.6	177 5.4	168 39.1	169 57.8	171 20.6	172 38.6	173 57.0	167 21.3	167 57.1	168 40.8
LORAN START	16827.20	16639.00	16483.10	32931.80	18175.00	17935.40	17659.90	17342.50	32592.60	32642.30	32705.40
LORAN START	33214.40	33184.60	33152.50	48764.50	33039.60	33088.40	33103.60	33072.00	48354.10	48505.00	48680.40
GEAR DEPTH	75	74	90	20	28	37	35	52	16	16	18
DURATION IN HOURS	0.33	0.50	0.50	0.50	0.50	0.50	0.50	0.40	0.50	0.50	0.50
DISTANCE FISHED	0.84	1.52	1.51	1.53	1.55	1.47	1.50	1.17	1.44	1.47	1.53
PERFORMANCE / GEAR	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44
POLLOCK	787.1	173.5	97.5	86.5	241.3	59.0	576.5	1490.7	25.5	15.0	78.5
PAC COD	234.1	167.0	68.0	45.0	228.1	18.2	165.3	199.5	0.0	0.0	7.6
PAC OC PERCH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER RCKFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SABLEFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC HERRING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	55.0	36.0	0.0
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	36.1	10.0	0.8	44.5	10.2	79.7	293.2	3.8	75.8	10.1	18.6
EELPOUTS	25.6	0.2	1.0	0.0	0.4	85.6	43.0	63.1	1.3	0.3	0.0
OTHER RNDFISH	2.2	1.7	0.2	5.5	5.2	36.0	30.2	2.0	130.3	29.4	4.3
TOT ROUND FISH	1085.1	352.4	167.5	181.5	485.2	278.5	1108.2	1759.3	287.9	90.8	109.0
YELLOW SOLE	0.0	0.0	0.0	446.0	174.0	62.0	113.1	0.0	111.0	957.0	554.0
ROCK SOLE	0.0	0.0	5.0	173.5	287.3	26.6	229.5	3.5	6.0	18.3	83.0
FLATHEAD SOLE	19.0	42.0	65.0	0.0	2.5	0.0	2.6	11.5	0.0	0.0	0.0
ALASKA PLAICE	0.0	0.0	0.0	62.0	386.0	287.7	176.2	1.3	12.3	31.5	43.0
GREENLAND TBT	4.0	8.0	0.0	0.0	0.0	0.0	0.0	12.5	0.0	0.0	0.0
ARROWTOOTH FL	23.4	2.5	16.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0
PAC HALIBUT	0.0	0.0	0.0	45.5	32.7	0.0	0.0	0.0	93.3	1.1	1.8
OTHER FLTFISH	17.8	3.5	4.0	1.3	5.3	77.0	42.6	68.0	9.0	7.2	1.3
TOT FLAT FISH	64.2	56.0	90.0	728.3	887.8	453.3	564.0	100.8	231.6	1015.1	683.1
SKATES	98.1	58.0	0.4	65.0	37.3	0.0	22.4	50.5	0.0	0.0	0.0
SHARKS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT ELASMOBRH	98.1	58.0	0.4	65.0	37.3	0.0	22.4	50.5	0.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
BLUE KING CRAB	0.0	0.0	0.0	0.0	2.6	0.0	33.8	9.9	0.0	0.0	0.0
TANNER, BAIRDI	1.1	2.5	0.2	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0
TANNER, OPILIO	201.3	21.5	0.0	0.1	5.5	650.0	54.1	403.4	0.0	0.0	0.0
OTHER CRAB	43.7	2.8	8.8	107.9	183.6	113.3	153.4	3.4	15.7	30.0	58.0
SNAILS	21.6	10.8	10.6	22.4	159.0	19.0	254.2	9.7	0.0	1.2	7.6
SHRIMP	2.2	1.3	0.0	0.3	0.0	0.1	0.6	0.3	0.8	0.2	0.3
STARFISH	261.3	132.2	52.7	363.9	43.9	42.0	16.3	1.7	76.0	206.7	135.0
SQUID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCTOPUS	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER INVERTS	17.4	3.7	63.3	3.9	295.1	3.8	30.2	3.5	10.0	2.0	10.7
TOTAL INVERTS	548.6	174.8	143.6	498.5	689.7	828.2	543.5	431.9	102.8	240.1	211.6
MISC.	43.7	0.9	17.6	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	1839.7	642.1	419.1	1475.2	2100.0	1560.0	2238.1	2342.5	622.3	1346.0	1003.7

Table 1.--(continued)

STATION ID	5738	5742	5750	5754	5756	5758	5760	5942	5946	5954	6142
MONTH/DAY/YEAR	7/10/89	7/11/89	7/20/89	8/ 1/89	8/ 1/89	8/ 1/89	8/ 1/89	7/11/89	7/19/89	8/ 1/89	7/11/89
LATITUDE START	60 18.6	60 21.2	60 20.3	60 20.6	60 20.3	60 20.0	60 19.8	60 40.8	60 39.2	60 40.9	60 58.0
LONGITUDE START	170 0.8	171 22.2	174 2.2	175 24.4	176 0.0	176 42.2	177 20.3	171 26.3	172 46.2	175 27.4	171 29.3
LORAN START	18109.10	17873.90	17300.60	17961.50	16809.10	16626.50	16460.00	17812.30	17556.60	16943.80	17762.60
LORAN START	32805.20	32831.90	32868.40	33847.50	32837.90	32823.60	32808.10	32602.00	32656.60	32649.40	32400.90
GEAR DEPTH	27	35	48	60	66	74	81	33	22	58	32
DURATION IN HOURS	0.50	0.50	0.50	0.50	0.33	0.50	0.50	0.50	0.50	0.50	0.50
DISTANCE FISHED	1.49	1.44	1.43	1.49	1.01	1.52	1.43	1.52	1.51	1.48	1.48
PERFORMANCE / GEAR	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44
POLLOCK	113.0	60.5	908.2	1402.9	2380.4	276.2	405.8	47.0	67.7	1517.0	47.5
PAC COD	85.3	32.2	27.6	128.9	505.3	127.5	4.6	12.4	242.9	275.3	8.3
PAC OC PERCH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER RCKFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SABLEFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC HERRING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	1.9	3.4	0.0	11.9	12.1	11.7	5.5	20.8	111.5	2.4	13.7
EELPOUTS	0.5	163.6	25.3	42.4	38.9	42.4	53.7	53.5	0.0	98.3	11.8
OTHER RNDFISH	0.9	10.0	5.5	4.7	0.9	42.5	3.7	11.9	1.2	3.0	14.3
TOT ROUND FISH	201.6	269.7	966.6	1590.8	2937.6	500.3	473.3	145.6	423.3	1896.0	95.6
YELLOW SOLE	38.5	66.0	0.0	0.0	0.0	0.0	0.0	43.2	1576.9	0.0	8.1
ROCK SOLE	9.4	10.0	7.5	0.0	28.9	5.3	1.9	5.6	1075.5	19.7	3.4
FLATHEAD SOLE	0.0	0.0	2.0	35.5	64.8	12.4	30.6	0.0	0.0	27.2	0.0
ALASKA PLAICE	60.9	462.5	3.5	20.7	0.0	0.0	0.0	21.7	471.9	0.0	5.9
GREENLAND TBT	0.0	0.1	5.0	13.9	48.8	2.8	28.7	0.0	0.0	22.7	0.0
ARROWTOOTH FL	0.0	0.0	0.0	77.0	45.3	8.9	1.9	0.0	0.0	51.4	0.0
PAC HALIBUT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	115.5	0.0	9.2
OTHER FLT FISH	1.5	42.0	25.0	106.6	66.9	33.6	44.4	32.6	12.4	49.9	18.3
TOT FLAT FISH	110.3	580.6	43.0	253.7	254.7	63.0	107.5	103.1	3252.2	170.9	44.9
SKATES	0.0	0.0	14.2	299.2	179.2	100.9	129.7	19.0	14.9	93.8	3.3
SHARKS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT ELASMOBRH	0.0	0.0	14.2	299.2	179.2	100.9	129.7	19.0	14.9	93.8	3.3
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BLUE KING CRAB	0.0	0.0	35.0	1.5	0.0	0.0	0.0	0.0	4.9	0.0	0.0
TANNER, BAIRDI	0.0	0.0	5.4	0.9	0.0	0.0	0.1	0.0	0.4	0.0	0.0
TANNER, OPILIO	360.9	308.0	413.3	571.7	475.9	1979.4	110.7	105.3	0.8	614.9	240.5
OTHER CRAB	480.0	15.4	4.8	32.0	39.3	35.4	20.4	8.3	35.4	18.5	11.3
SNAILS	458.3	56.0	1.0	129.7	25.9	40.4	20.4	6.2	45.4	121.8	23.2
SHRIMP	0.0	0.0	0.1	0.0	6.9	2.8	3.7	0.1	0.2	0.0	0.1
STARFISH	44.0	85.2	0.5	54.5	83.8	35.1	938.1	85.0	3.2	40.8	84.6
SQUID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCTOPUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER INVERTS	265.1	9.6	5.0	0.0	22.4	3.9	41.0	4.3	12.6	17.2	6.1
TOTAL INVERTS	1608.3	474.2	465.1	790.3	654.2	2097.0	1134.4	209.2	102.9	813.2	365.8
MISC.	0.0	0.0	0.0	16.0	24.2	58.8	0.0	0.0	0.0	46.0	0.0
TOTAL CATCH	1920.2	1324.5	1488.9	2950.0	4049.9	2820.0	1844.9	476.9	3793.3	3019.9	509.6

Table 1.--(continued)

STATION ID	6146	6148	6150
MONTH/DAY/YEAR	7/19/89	7/19/89	7/19/89
LATITUDE START	60 58.5	60 59.6	60 59.8
LONGITUDE START	172 49.5	173 28.7	174 8.3
LORAN START	17510.80	17375.40	17234.10
LORAN START	32440.90	32444.40	32452.80
GEAR DEPTH	35	40	44
DURATION IN HOURS	0.50	0.50	0.25
DISTANCE FISHED	1.45	1.51	0.76
PERFORMANCE / GEAR	0 / 44	0 / 44	0 / 44
POLLOCK	855.7	7396.4	3200.2
PAC COD	386.0	98.5	233.2
PAC OC PERCH	0.0	0.0	0.0
OTHER RCKFISH	0.0	0.0	0.0
SABLEFISH	0.0	0.0	0.0
PAC HERRING	0.0	0.0	0.0
ATKA MACKEREL	0.0	0.0	0.0
SCULPINS	117.0	305.4	0.0
EELPOUTS	18.5	2.6	0.0
OTHER RNDFISH	5.2	0.0	0.3
TOT ROUNDFISH	1382.4	7802.9	3433.7
YELLOW SOLE	47.4	65.7	0.0
ROCK SOLE	45.0	65.7	111.7
FLATHEAD SOLE	1.0	0.0	2.0
ALASKA PLAICE	8.5	23.0	0.0
GREENLAND TBT	1.9	5.3	0.3
ARROWTOOTH FL	0.0	0.0	0.0
PAC HALIBUT	2.2	0.0	0.0
OTHER FLT FISH	110.1	214.7	36.3
TOT FLATFISH	216.1	374.4	150.3
SKATES	48.8	19.7	15.4
SHARKS	0.0	0.0	0.0
TOT ELASMOBRH	48.8	19.7	15.4
RED KING CRAB	0.0	0.0	0.0
BLUE KING CRAB	0.0	0.0	0.0
TANNER, BAIRDI	0.0	0.0	0.0
TANNER, OPILIO	36.0	197.6	171.7
OTHER CRAB	5.4	6.6	3.1
SNAILS	4.2	5.3	1.4
SHRIMP	0.3	0.7	0.0
STARFISH	9.8	9.2	13.1
SQUID	0.0	0.0	0.0
OCTOPUS	0.0	0.0	0.0
OTHER INVERTS	8.3	3.4	1.2
TOTAL INVERTS	64.0	222.8	190.5
MISC.	0.1	0.7	0.3
TOTAL CATCH	1711.4	8420.5	3790.2

Table 2.--Haul and catch data for successfully completed tows by the F/V Ocean Hope 3.

STATION ID	2524	2528	2720	2724	2728	2732	2920	2924	2928	2932	3120
MONTH/DAY/YEAR	6/21/89	6/22/89	6/13/89	6/21/89	6/22/89	6/29/89	6/13/89	6/21/89	6/22/89	6/29/89	6/13/89
LATITUDE START	55 0.7	55 1.5	55 21.0	55 22.3	55 20.7	55 20.3	55 40.9	55 39.0	55 40.6	55 40.6	56 6.2
LONGITUDE START	165 8.5	166 19.3	163 59.7	165 12.1	166 21.3	167 32.9	163 59.1	165 10.0	166 23.2	167 34.2	164 0.5
LORAN START	34562.40	34735.70	34330.50	34518.30	34703.70	18296.70	34264.20	34465.10	34663.10	18401.70	34172.70
LORAN START	48053.50	48472.80	47649.60	48103.80	48521.80	48932.60	47658.00	48109.90	48569.50	48993.50	47677.60
GEAR DEPTH	62	80	42	61	74	81	52	60	71	75	50
DURATION IN HOURS	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
DISTANCE FISHED	1.53	1.47	1.51	1.57	1.54	1.23	1.51	1.64	1.43	1.50	1.61
PERFORMANCE / GEAR	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44
POLLOCK	868.7	361.0	3145.7	203.0	10.0	31.3	298.5	3876.4	321.0	353.0	63.5
PAC COD	2059.2	15.0	1379.1	461.5	137.0	120.5	416.5	540.0	139.0	72.6	22.0
PAC OC PERCH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER RCKFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SABLEFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC HERRING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ATKA MACKEREL	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	0.0	1.3	45.8	3.0	0.7	0.2	9.0	10.4	2.1	0.0	9.5
EELPOUTS	0.0	2.5	0.0	0.0	1.0	0.0	0.0	0.0	0.6	0.2	4.0
OTHER RNFISH	0.0	2.5	17.4	0.1	4.0	0.7	0.5	0.0	6.0	4.0	0.1
TOT ROUND FISH	2927.9	382.7	4588.0	667.6	152.7	152.7	724.5	4426.8	468.7	429.8	99.1
YELLOW SOLE	0.0	0.0	155.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	103.0
ROCK SOLE	4.2	0.0	117.9	0.0	0.0	0.0	121.0	0.0	0.0	0.0	126.0
FLATHEAD SOLE	187.5	107.0	126.0	438.0	215.0	62.7	219.5	1246.2	248.0	187.6	218.0
ALASKA PLAICE	0.0	0.0	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GREENLAND TBT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ARROWTOOTH FL	302.2	161.0	187.3	555.5	240.0	103.0	66.0	597.2	108.0	270.4	8.0
PAC HALIBUT	18.4	0.0	51.2	0.0	16.4	0.0	0.0	57.4	11.4	33.7	0.0
OTHER FLT FISH	36.4	42.0	0.0	9.0	38.0	14.5	9.5	2.6	22.0	31.8	0.0
TOT FLAT FISH	548.7	310.0	643.9	1002.5	509.4	180.2	427.0	1903.4	389.4	523.5	455.0
SKATES	346.9	117.0	74.3	61.0	101.0	157.5	122.0	223.3	38.0	55.0	32.0
SHARKS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT ELASMOBRH	346.9	117.0	74.3	61.0	101.0	157.5	122.0	223.3	38.0	55.0	32.0
RED KING CRAB	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BLUE KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TANNER, BAIRDI	39.5	61.5	25.0	10.5	63.5	6.5	19.5	7.0	32.5	24.0	101.5
TANNER, OPILIO	20.0	1.5	0.4	41.0	0.5	0.0	0.1	4.0	0.0	3.0	1.0
OTHER CRAB	25.2	2.6	10.6	8.1	0.6	13.5	73.2	38.9	2.5	6.0	156.8
SNAILS	2.0	1.0	48.4	2.4	1.9	29.5	18.4	5.2	6.6	16.5	56.7
SHRIMP	0.0	6.0	0.0	0.0	0.3	0.0	0.1	0.0	0.1	0.0	0.1
STARFISH	0.0	0.0	4.2	21.0	0.0	0.0	0.0	46.7	1.0	0.0	0.8
SQUID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCTOPUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER INVERTS	0.0	35.0	308.5	2.0	16.7	430.0	35.3	44.6	0.0	169.0	10.5
TOTAL INVERTS	86.7	107.6	404.1	85.0	83.5	479.5	146.6	146.4	42.7	218.5	327.4
MISC.	0.0	0.1	9.7	0.5	0.0	2.5	55.0	0.0	0.0	0.0	65.9
TOTAL CATCH	3910.2	917.4	5720.0	1816.6	846.6	972.4	1475.1	6699.9	938.8	1226.8	979.4

Table 2.--(continued)

STATION ID	3124	3128	3132	3310	3312	3316	3320	3324	3328	3332	3336
MONTH/DAY/YEAR	6/18/89	6/22/89	6/29/89	6/ 5/89	6/ 9/89	6/12/89	6/13/89	6/18/89	6/22/89	6/30/89	7/ 5/89
LATITUDE START	55 59.7	56 0.4	56 0.1	56 20.7	56 20.3	56 19.7	56 20.1	56 20.1	56 20.2	56 19.0	56 21.3
LONGITUDE START	165 11.4	166 24.4	167 36.3	160 30.4	161 37.5	162 47.5	164 0.3	165 11.9	166 24.1	167 38.7	168 52.4
LORAN START	34400.02	34610.90	18496.50	33562.00	33728.40	33913.40	34113.20	34322.40	34541.10	18580.60	18541.10
LORAN START	48137.60	48607.20	49052.40	46283.00	46729.80	47195.80	47679.80	48153.90	48627.00	49104.60	49555.10
GEAR DEPTH	54	69	75	16	35	45	48	49	57	72	70
DURATION IN HOURS	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.25
DISTANCE FISHED	1.59	1.48	1.56	1.56	1.52	1.65	1.61	1.59	1.56	1.42	0.72
PERFORMANCE / GEAR	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44
POLLOCK	1550.2	1202.7	280.8	42.0	879.1	664.0	149.0	278.9	1395.1	13.0	5479.2
PAC COD	303.3	100.9	165.7	5.5	687.0	97.2	28.0	151.6	142.5	60.3	315.9
PAC OC PERCH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER RCKFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SABLEFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC HERRING	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	0.0	2.0	2.1	76.3	0.0	0.0	0.0	0.0	7.4	18.7	0.0
EELPOUTS	0.0	0.0	1.3	0.0	0.0	0.0	0.2	6.1	0.5	2.8	0.0
OTHER RNFISH	0.7	6.0	0.4	48.9	28.7	14.5	0.2	0.3	0.5	1.7	0.0
TOT ROUND FISH	1854.2	1311.6	450.3	175.5	1594.8	775.7	177.4	436.9	1546.0	96.5	5795.1
YELLOW SOLE	18.0	0.0	0.0	687.0	248.4	252.2	40.0	168.3	0.0	0.0	0.0
ROCK SOLE	53.9	0.0	0.0	780.0	821.8	550.2	41.0	63.7	0.0	0.0	17.6
FLATHEAD SOLE	344.9	460.1	328.6	23.0	200.7	244.3	52.0	341.1	108.1	174.6	111.5
ALASKA PLAICE	0.0	0.0	0.0	9.5	5.7	100.4	2.0	157.7	0.0	0.0	0.0
GREENLAND TBT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ARROWTOOTH FL	130.3	175.6	395.8	4.2	13.4	13.4	2.5	4.5	122.8	331.4	30.7
PAC HALIBUT	12.8	38.6	69.9	54.0	17.7	21.8	0.0	34.3	12.4	20.6	6.9
OTHER FLTFISH	0.0	4.0	21.1	404.5	26.8	31.6	0.0	0.0	0.7	0.1	8.1
TOT FLATFISH	559.9	678.3	815.4	1962.2	1334.5	1213.9	137.5	769.6	244.0	526.7	174.8
SKATES	200.0	161.4	244.6	0.0	0.0	0.0	1.5	130.4	171.9	120.0	0.0
SHARKS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT ELASMOBRH	200.0	161.4	244.6	0.0	0.0	0.0	1.5	130.4	171.9	120.0	0.0
RED KING CRAB	0.0	0.0	0.0	52.0	181.0	107.0	21.5	0.0	0.0	0.0	0.0
BLUE KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TANNER, BAIRDI	15.5	49.5	40.5	0.8	15.0	17.0	39.5	14.5	10.5	53.6	0.0
TANNER, OPILIO	4.0	4.5	6.0	0.0	0.0	0.0	0.2	5.4	71.0	448.3	49.8
OTHER CRAB	148.0	33.3	23.0	0.8	4.8	24.1	11.2	96.1	43.0	26.0	5.4
SNAILS	86.5	11.5	24.1	0.0	0.4	7.1	9.9	182.2	123.3	13.0	6.8
SHRIMP	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.2	0.0	0.0	0.0
STARFISH	129.2	14.1	0.0	305.2	423.1	23.7	0.0	264.3	18.1	0.0	0.0
SQUID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCTOPUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4	0.0	0.0
OTHER INVERTS	23.1	191.7	96.0	47.9	43.9	6.7	0.0	2.7	8.8	206.3	14.9
TOTAL INVERTS	406.3	304.6	189.6	406.7	668.2	185.6	82.4	566.4	282.1	747.2	76.9
MISC.	49.7	4.0	0.0	0.0	2.5	4.7	7.5	66.7	16.0	0.0	0.0
TOTAL CATCH	3070.1	2459.9	1699.9	2544.4	3600.0	2179.9	406.3	1970.0	2260.0	1490.4	6046.8

Table 2.--(continued)

STATION ID	3340	3508	3512	3516	3520	3524	3528	3532	3536	3540	3544
MONTH/DAY/YEAR	7/ 6/89	6/ 9/89	6/ 9/89	6/12/89	6/13/89	6/18/89	6/23/89	6/30/89	7/ 5/89	7/ 6/89	7/14/89
LATITUDE START	56 20.7	56 40.9	56 40.6	56 38.3	56 42.0	56 39.0	56 41.0	56 39.3	56 39.8	56 39.5	56 38.7
LONGITUDE START	170 3.9	160 22.9	161 35.2	162 47.3	164 0.9	165 13.3	166 26.4	167 39.3	168 54.8	170 6.5	171 20.8
LORAN START	18405.90	33448.40	33625.30	33824.70	34011.10	34240.80	34461.10	18658.00	34955.00	18541.60	18189.30
LORAN START	49901.00	46224.00	46708.00	47191.40	47683.60	48168.00	48655.30	49135.60	49619.50	49999.80	35073.90
GEAR DEPTH	61	34	50	43	41	42	46	57	55	54	67
DURATION IN HOURS	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.33	0.50	0.50
DISTANCE FISHED	1.64	1.51	1.54	1.53	1.60	1.57	1.56	1.57	1.22	1.61	1.50
PERFORMANCE / GEAR	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44
POLLOCK	576.7	528.4	276.0	195.3	195.6	441.1	577.3	14117.3	7476.5	3433.6	1314.1
PAC COD	206.6	50.3	25.0	78.1	5.2	84.2	158.1	941.4	152.6	284.1	58.9
PAC OC PERCH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER RCKFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SABLEFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC HERRING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	6.6	19.0	0.7	19.5	0.0	10.0	8.8	0.0	5.4	48.9	0.0
EELPOUTS	16.0	0.0	0.0	0.0	0.0	10.0	87.6	0.0	0.0	1.0	0.6
OTHER RNFISH	1.4	19.3	11.0	11.7	0.3	0.0	1.0	0.0	1.4	10.5	0.0
TOT ROUND FISH	807.3	617.0	312.7	304.6	201.1	545.3	832.8	15058.7	7635.9	3778.1	1373.6
YELLOW SOLE	0.0	287.0	459.0	263.3	1533.7	703.7	70.4	0.0	0.0	0.0	0.0
ROCK SOLE	0.0	840.4	202.0	115.6	404.3	615.5	82.5	5.4	19.0	12.0	0.0
FLATHEAD SOLE	226.7	34.3	144.0	117.2	187.8	368.9	70.4	69.9	50.7	142.6	105.9
ALASKA PLAICE	0.0	0.6	85.0	103.1	2073.6	168.4	41.2	0.0	0.0	0.0	0.0
GREENLAND TBT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ARROWTOOTH FL	92.0	0.1	0.0	0.0	0.3	0.0	30.9	89.7	29.4	164.5	38.5
PAC HALIBUT	10.5	34.4	6.2	19.7	0.0	0.0	3.8	6.2	0.0	48.4	0.0
OTHER FLT FISH	37.4	1.1	3.0	0.0	0.0	0.0	0.0	3.6	0.0	7.0	45.8
TOT FLAT FISH	366.6	1197.9	899.2	618.9	4199.7	1856.5	299.2	174.8	99.1	374.5	190.2
SKATES	48.0	29.3	0.0	0.0	54.8	32.1	65.3	0.0	0.0	663.5	0.0
SHARKS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT ELASMOBRH	48.0	29.3	0.0	0.0	54.8	32.1	65.3	0.0	0.0	663.5	0.0
RED KING CRAB	0.0	30.0	8.5	489.5	423.5	0.0	0.0	0.0	0.0	0.0	0.0
BLUE KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TANNER, BAIRDI	25.0	24.0	247.0	20.0	87.0	50.0	116.5	8.0	11.2	377.7	1.9
TANNER, OPILIO	2.8	0.0	0.0	0.0	0.5	123.0	19.0	58.5	96.5	146.9	981.5
OTHER CRAB	26.0	19.6	39.1	5.5	8.1	28.9	511.6	0.0	6.8	244.3	74.7
SNAILS	8.0	0.0	3.8	9.3	14.8	99.0	99.8	0.0	0.0	27.5	68.5
SHRIMP	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STARFISH	0.0	156.2	255.0	62.5	0.8	1044.5	358.5	0.0	24.0	32.4	238.4
SQUID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCTOPUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.9
OTHER INVERTS	234.1	44.4	241.0	5.4	7.1	1.2	7.7	0.0	12.7	23.0	23.2
TOTAL INVERTS	296.0	274.2	794.4	592.2	541.8	1346.6	1113.1	66.5	151.2	851.8	1456.1
MISC.	2.0	1.4	13.0	3.9	13.0	29.3	9.4	0.0	0.0	2.5	0.0
TOTAL CATCH	1519.9	2119.8	2019.3	1519.6	5010.4	3809.8	2319.8	15300.0	7886.2	5670.4	3019.9

Table 2.--(continued)

STATION ID	3546	3548	3704	3708	3712	3716	3720	3724	3728	3732	3736
MONTH/DAY/YEAR	7/14/89	7/14/89	6/ 6/89	6/ 8/89	6/ 9/89	6/12/89	6/14/89	6/18/89	6/23/89	6/30/89	7/ 5/89
LATITUDE START	56 39.7	56 40.4	57 0.8	56 59.8	57 1.3	56 59.2	57 1.4	56 59.8	56 59.8	57 0.2	57 0.1
LONGITUDE START	171 58.5	172 33.3	159 6.5	160 20.0	161 33.9	162 46.7	164 0.0	165 13.1	166 27.8	167 42.8	168 58.0
LORAN START	17965.30	17748.00	33176.60	33345.10	33514.40	33714.10	33905.40	34133.10	34370.10	18715.70	34892.50
LORAN START	34993.80	34913.70	45704.20	46197.00	46692.10	47181.30	47672.00	48163.10	48664.30	49166.20	49667.80
GEAR DEPTH	70	76	18	36	38	34	38	39	41	42	44
DURATION IN HOURS	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.33
DISTANCE FISHED	1.54	1.53	1.43	1.62	1.50	1.53	1.50	1.48	1.54	1.62	0.96
PERFORMANCE / GEAR	0 / 44	1 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44
POLLOCK	529.7	21.4	4.2	416.7	499.3	110.8	203.3	114.0	207.4	1218.4	1784.9
PAC COD	581.6	133.6	82.7	40.5	12.6	174.5	30.3	55.1	582.4	93.6	62.5
PAC OC PERCH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER RCKFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SABLEFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC HERRING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	14.2	6.8	1.0	0.6	12.3	0.2	2.1	0.0	0.0	1.2	2.6
EELPOUTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0	8.8	2.4	0.4
OTHER RNFISH	0.6	0.9	14.8	25.3	4.7	4.1	0.6	0.8	6.6	1.0	0.0
TOT ROUNDFISH	1126.1	162.7	102.7	483.1	528.9	289.6	236.3	188.9	805.2	1316.6	1850.4
YELLOW SOLE	0.0	0.0	1997.3	407.1	273.2	1568.0	1151.9	655.6	324.3	79.3	2.6
ROCK SOLE	1.3	6.3	1283.8	426.4	312.5	160.1	134.3	342.1	617.7	89.8	147.7
FLATHEAD SOLE	50.6	22.0	0.0	83.0	127.2	156.0	58.6	212.8	483.1	67.4	19.0
ALASKA PLAICE	0.0	0.0	0.0	4.8	33.8	209.3	638.3	114.0	112.5	0.0	6.1
GREENLAND TBT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ARROWTOOTH FL	50.0	103.3	2.1	0.0	0.0	0.0	0.0	0.0	39.7	54.1	31.5
PAC HALIBUT	0.0	0.0	13.3	15.8	6.9	0.2	0.0	0.0	0.0	0.0	0.0
OTHER FLTIFISH	40.5	43.4	69.6	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
TOT FLATFISH	142.4	175.0	3366.1	937.1	753.6	2093.8	1983.1	1324.5	1577.3	290.6	206.9
SKATES	4.4	19.7	0.0	0.0	0.0	0.0	6.6	0.0	172.1	20.8	21.7
SHARKS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT ELASMOBRH	4.4	19.7	0.0	0.0	0.0	0.0	6.6	0.0	172.1	20.8	21.7
RED KING CRAB	0.0	0.0	19.0	72.0	16.0	40.5	26.0	0.0	0.0	0.0	0.0
BLUE KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TANNER, BAIRDI	14.7	3.3	0.0	50.0	41.8	167.0	112.0	39.5	10.0	5.5	2.1
TANNER, OPILIO	24.0	3.3	0.0	0.0	0.0	0.0	1.5	36.0	61.5	44.0	29.2
OTHER CRAB	16.4	14.4	1.8	1.0	0.8	14.4	72.1	167.7	255.9	6.0	23.8
SNAILS	19.1	35.0	0.0	0.4	0.0	65.9	96.3	461.0	206.4	0.0	1.9
SHRIMP	1.0	3.2	0.0	0.0	0.0	0.2	0.0	0.0	0.4	0.0	0.0
STARFISH	236.3	136.7	353.1	627.1	483.6	17.0	82.3	351.6	511.4	486.4	39.5
SQUID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCTOPUS	12.8	67.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER INVERTS	5.2	3.3	7.3	47.5	29.1	7.0	30.1	33.4	85.2	0.0	1.4
TOTAL INVERTS	329.5	266.2	381.2	798.0	571.3	312.0	420.3	1089.2	1130.8	541.9	97.9
MISC.	2.0	5.0	0.0	1.9	0.0	8.2	253.8	97.3	74.6	0.0	0.0
TOTAL CATCH	1604.4	628.6	3850.0	2220.1	1853.8	2703.6	2900.1	2699.9	3760.0	2169.9	2176.9

Table 2.--(continued)

STATION ID	3740	3744	3748	3904	3908	3912	3916	3920	3924	3928	3932
MONTH/DAY/YEAR	7/ 6/89	7/13/89	7/14/89	6/ 7/89	6/ 8/89	6/10/89	6/12/89	6/14/89	6/18/89	6/23/89	6/30/89
LATITUDE START	57 0.5	57 0.7	56 59.4	57 20.9	57 20.1	57 18.9	57 20.6	57 20.2	57 19.4	57 23.5	57 19.1
LONGITUDE START	170 11.3	171 23.1	172 38.2	159 3.8	160 17.9	161 31.8	162 46.0	163 59.7	165 15.0	166 29.2	167 44.1
LORAN START	18691.50	18280.30	17787.40	33064.60	33230.10	33410.70	33588.80	33793.30	34020.50	34228.80	18744.60
LORAN START	50122.10	34999.00	34819.00	45680.90	46176.70	46671.40	47167.00	47659.90	48163.80	48654.90	49159.60
GEAR DEPTH	37	60	68	28	34	31	27	33	35	38	41
DURATION IN HOURS	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
DISTANCE FISHED	1.59	1.62	1.71	1.57	1.41	1.50	1.63	1.56	1.51	1.55	1.57
PERFORMANCE / GEAR	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44
POLLOCK	20.7	226.1	10.0	58.5	643.5	189.4	180.0	269.9	102.0	491.1	1674.8
PAC COD	68.0	23.0	82.5	76.5	357.4	123.0	50.2	0.0	92.0	671.9	142.9
PAC OC PERCH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER RCKFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SABLEFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC HERRING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	12.0	12.7	0.0	39.2	10.2	41.5	64.9	17.9	1.5	0.0	2.5
EELPOUTS	0.0	2.3	0.8	0.0	0.0	0.0	0.0	0.0	0.1	0.0	2.5
OTHER RNDFFISH	75.1	17.5	1.1	26.7	19.9	16.6	1.5	4.8	0.1	0.3	5.5
TOT ROUND FISH	175.8	281.6	94.4	200.9	1031.0	370.5	296.6	292.6	195.7	1163.3	1828.2
YELLOW SOLE	4.9	0.0	0.0	647.6	1599.4	1339.3	1249.4	666.5	203.0	128.0	1404.1
ROCK SOLE	1111.2	2.8	0.0	1352.6	305.5	365.6	822.5	305.8	113.0	38.4	413.6
FLATHEAD SOLE	13.1	75.9	573.5	2.4	13.9	154.5	14.6	78.8	24.0	16.0	323.2
ALASKA PLAICE	0.0	0.0	0.0	1.9	0.0	66.5	378.8	554.2	88.0	6.4	27.5
GREENLAND TBT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ARROWTOOTH FL	576.8	59.8	189.5	0.0	0.0	0.0	0.0	0.0	0.0	3.2	167.6
PAC HALIBUT	209.3	6.9	0.0	42.3	4.2	8.9	15.1	5.0	0.0	0.0	0.0
OTHER FLTFISH	0.0	11.4	21.8	19.1	9.3	1.7	12.6	0.0	0.0	0.0	0.0
TOT FLATFISH	1915.3	156.8	784.8	2065.9	1932.3	1936.5	2493.0	1610.3	428.0	192.0	2336.0
SKATES	92.5	214.4	43.6	0.0	0.0	0.0	0.0	0.0	12.0	12.8	81.1
SHARKS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT ELASMOBRH	92.5	214.4	43.6	0.0	0.0	0.0	0.0	0.0	12.0	12.8	81.1
RED KING CRAB	0.0	0.0	0.0	10.0	68.0	57.0	31.0	18.0	0.0	0.0	0.0
BLUE KING CRAB	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TANNER, BAIRDI	119.7	2.2	1.3	9.5	65.0	101.5	201.0	292.0	22.0	17.7	2.0
TANNER, OPILIO	0.5	225.6	0.9	0.0	0.0	0.0	0.0	9.0	280.5	75.6	33.5
OTHER CRAB	246.1	101.4	14.4	17.3	19.4	25.6	51.3	172.9	77.6	392.9	390.8
SNAILS	130.6	47.4	14.4	0.7	5.5	46.8	148.6	133.5	89.0	135.4	101.1
SHRIMP	0.0	0.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STARFISH	107.2	79.5	57.9	433.7	509.2	1138.2	108.8	72.8	98.0	80.0	498.8
SQUID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCTOPUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER INVERTS	321.0	18.6	13.0	9.6	79.5	872.4	7.6	3.3	44.3	330.5	0.0
TOTAL INVERTS	928.6	475.5	103.2	480.8	746.6	2241.5	548.3	701.5	611.4	1032.1	1026.2
MISC.	27.8	0.0	1.3	2.4	0.0	41.5	2.1	135.4	28.0	0.0	8.5
TOTAL CATCH	3140.0	1128.3	1027.3	2750.0	3709.9	4590.0	3340.0	2739.8	1275.1	2400.2	5280.0



Table 2.--(continued)

STATION ID	3936	3940	3944	3948	4104	4108	4112	4116	4120	4124	4128
MONTH/DAY/YEAR	7/ 4/89	7/ 7/89	7/13/89	7/15/89	6/ 7/89	6/ 8/89	6/10/89	6/11/89	6/14/89	6/18/89	6/23/89
LATITUDE START	57 19.8	57 20.1	57 20.6	57 21.3	57 41.8	57 39.8	57 40.0	57 40.8	57 38.7	57 40.3	57 40.5
LONGITUDE START	168 59.6	170 14.3	171 27.0	172 39.6	158 59.6	160 16.3	161 30.2	162 46.4	164 0.2	165 15.0	166 30.0
LORAN START	34775.70	18705.60	18292.60	17829.50	32939.60	33112.20	33280.00	33463.90	33675.50	33880.00	34109.40
LORAN START	49658.90	35002.90	34865.50	34685.80	45652.20	46161.60	46652.40	47157.30	47648.10	48141.20	48633.60
GEAR DEPTH	39	31	56	64	25	30	29	24	28	34	37
DURATION IN HOURS	0.33	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
DISTANCE FISHED	1.05	1.51	1.48	1.45	1.52	1.55	1.54	1.68	1.64	1.45	1.51
PERFORMANCE / GEAR	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44
POLLOCK	448.9	0.0	751.8	10.4	1019.9	166.3	253.7	31.4	165.2	224.1	438.9
PAC COD	151.0	10.6	116.0	284.3	87.9	40.2	0.0	16.9	0.0	101.9	119.2
PAC OC PERCH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER RCKFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SABLEFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC HERRING	0.0	0.0	0.0	0.0	6.4	0.0	0.0	0.0	0.0	0.0	0.0
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	114.6	18.9	0.0	1.1	4.0	7.5	28.3	21.4	26.0	2.8	0.0
EELPOUTS	0.0	0.0	7.4	24.9	0.0	0.0	0.0	0.0	0.0	0.0	3.5
OTHER RNDFISH	21.2	2.7	0.5	0.0	8.2	8.7	4.6	2.9	0.7	4.1	3.5
TOT ROUND FISH	735.7	32.2	875.7	320.7	1126.4	222.7	286.6	72.6	191.9	332.9	565.1
YELLOW SOLE	42.4	0.0	0.0	0.0	588.3	2183.4	1152.3	1123.9	291.5	570.4	266.1
ROCK SOLE	359.6	5491.6	5.5	45.0	68.7	489.7	639.6	1139.6	85.4	566.3	110.6
FLATHEAD SOLE	2.5	0.0	53.8	1166.6	1.6	54.8	83.7	3.6	24.1	67.2	44.9
ALASKA PLAICE	14.1	0.0	8.7	0.0	0.0	32.9	134.9	197.8	70.5	664.1	114.1
GREENLAND TBT	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ARROWTOOTH FL	23.2	5.0	39.2	198.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC HALIBUT	1.4	359.9	0.0	114.5	0.3	2.0	14.3	29.8	0.9	5.3	23.3
OTHER FLT FISH	0.0	0.0	0.0	67.8	8.0	10.1	5.4	9.6	0.0	0.0	0.0
TOT FLAT FISH	443.2	5856.5	108.9	1592.0	666.9	2772.9	2030.2	2504.3	472.4	1873.3	559.0
SKATES	0.0	0.0	463.6	305.8	0.0	0.0	54.0	0.0	0.0	77.4	76.0
SHARKS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT ELASMOBRH	0.0	0.0	463.6	305.8	0.0	0.0	54.0	0.0	0.0	77.4	76.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	24.0	47.0	16.0	0.0	0.0	0.0
BLUE KING CRAB	6.5	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TANNER, BAIRDI	33.0	4.4	8.7	11.7	0.5	160.0	24.0	3.3	80.0	68.0	7.2
TANNER, OPILIO	8.0	0.0	831.9	19.0	0.0	0.0	0.0	0.0	6.0	54.1	745.4
OTHER CRAB	341.5	96.6	53.5	26.8	0.6	4.6	12.1	15.7	500.5	288.4	136.5
SNAILS	36.7	0.3	16.6	32.7	0.0	7.9	9.4	13.3	280.4	65.5	155.9
SHRIMP	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0
STARFISH	68.1	0.0	49.6	7.3	359.7	135.2	309.0	314.8	451.1	41.9	102.0
SQUID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCTOPUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER INVERTS	607.2	69.6	0.0	1.1	5.9	31.0	35.6	0.0	11.6	80.6	263.7
TOTAL INVERTS	1101.0	177.9	961.8	98.6	366.7	362.7	437.1	363.1	1331.5	598.5	1410.7
MISC.	130.0	3.3	0.0	0.3	0.0	1.8	12.1	0.0	184.2	87.6	109.2
TOTAL CATCH	2409.9	6069.9	2410.0	2317.4	2160.0	3360.1	2820.0	2940.0	2180.0	2969.7	2720.0

Table 2.--(continued)

STATION ID	4132	4136	4140	4144	4148	4308	4312	4316	4320	4324	4328
MONTH/DAY/YEAR	6/30/89	7/ 4/89	7/ 7/89	7/13/89	7/15/89	6/ 8/89	6/10/89	6/11/89	6/14/89	6/17/89	6/23/89
LATITUDE START	57 41.0	57 39.9	57 39.5	57 40.0	57 39.2	58 0.4	58 1.1	58 0.4	58 0.5	57 59.8	58 0.4
LONGITUDE START	167 45.3	169 3.6	170 15.0	171 31.7	172 47.0	160 12.9	161 29.5	162 44.3	163 59.6	165 15.0	166 30.9
LORAN START	34348.60	34609.20	18622.80	18254.60	17802.00	32978.80	33142.70	33326.20	33520.00	33734.40	33952.60
LORAN START	49121.40	49613.40	49967.10	34684.80	34537.70	46136.90	46638.80	47128.90	47620.80	48111.00	48596.90
GEAR DEPTH	39	37	40	55	66	28	29	23	25	27	33
DURATION IN HOURS	0.50	0.33	0.33	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
DISTANCE FISHED	1.63	1.02	0.94	1.55	1.49	1.74	1.66	1.63	1.63	1.53	1.58
PERFORMANCE / GEAR	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44
POLLOCK	329.8	289.9	6248.1	1207.0	3.7	16.0	0.0	12.6	21.7	15.8	579.8
PAC COD	119.4	106.9	175.6	142.5	326.0	0.0	0.0	0.0	0.0	0.9	212.1
PAC OC PERCH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER RCKFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SABLEFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC HERRING	0.0	0.0	6.6	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	0.0	21.2	9.1	36.8	10.0	79.2	199.2	39.7	66.8	1.8	15.8
EELPOUTS	0.0	0.6	0.0	3.3	7.3	0.0	0.0	0.0	0.0	0.0	0.0
OTHER RNDFISH	1.9	16.7	4.6	0.3	7.8	2.5	9.4	2.1	3.1	2.3	4.5
TOT ROUND FISH	451.1	435.3	6444.0	1397.7	354.8	97.7	208.6	54.4	91.6	20.8	812.2
YELLOW SOLE	851.8	242.4	75.9	0.0	0.0	1306.0	1481.7	311.6	481.5	110.8	952.1
ROCK SOLE	580.8	539.8	220.1	6.8	32.7	352.0	2084.9	1549.5	254.7	144.7	487.3
FLATHEAD SOLE	1.1	25.7	55.7	70.1	174.3	0.0	0.0	0.0	0.0	0.0	24.8
ALASKA PLAICE	12.5	125.7	178.6	10.1	24.8	16.0	52.7	57.8	99.3	131.1	284.3
GREENLAND TBT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ARROWTOOTH FL	11.0	17.6	65.8	63.9	120.8	0.0	0.0	0.0	0.0	0.0	0.0
PAC HALIBUT	50.3	3.8	0.0	8.8	22.4	17.4	0.4	9.2	0.0	0.0	45.9
OTHER FLTFISH	0.0	0.0	0.0	0.3	39.8	22.0	1.8	20.1	12.7	1.4	0.0
TOT FLATFISH	1507.5	955.0	596.1	160.0	414.8	1713.4	3621.5	1948.2	848.2	388.0	1794.4
SKATES	237.7	69.7	693.7	164.6	231.6	0.0	0.0	0.0	0.0	0.0	0.0
SHARKS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT ELASMOBRH	237.7	69.7	693.7	164.6	231.6	0.0	0.0	0.0	0.0	0.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	34.5	33.0	18.5	15.5	5.5	0.0
BLUE KING CRAB	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TANNER, BAIRDI	29.2	0.0	94.6	9.9	32.5	7.0	3.0	0.0	5.0	49.5	0.4
TANNER, OPILIO	238.8	803.5	137.6	140.6	6.5	0.0	0.0	0.0	0.0	23.5	1021.0
OTHER CRAB	527.7	676.1	118.4	183.9	85.7	28.9	256.0	30.2	199.7	170.5	378.6
SNAILS	204.7	0.0	8.1	83.4	38.8	11.9	183.9	16.7	276.1	411.8	280.3
SHRIMP	0.0	0.0	0.0	6.8	1.2	0.0	0.0	0.0	1.8	2.7	0.0
STARFISH	129.6	101.2	216.1	32.9	19.0	113.2	524.1	140.7	231.8	99.5	69.5
SQUID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCTOPUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER INVERTS	273.7	147.5	0.0	0.0	2.4	20.0	325.6	0.3	48.1	1099.1	191.3
TOTAL INVERTS	1403.7	1729.9	574.8	457.5	186.1	215.5	1325.6	206.4	778.0	1862.1	1941.1
MISC.	0.0	0.0	41.5	0.0	0.0	0.0	184.5	1.3	62.2	279.0	232.4
TOTAL CATCH	3600.0	3189.9	8350.1	2179.8	1187.3	2026.6	5340.2	2210.3	1780.0	2549.9	4780.1

Table 2.--(continued)

STATION ID	4332	4336	4340	4344	4348	4508	4512	4516	4520	4524	4528
MONTH/DAY/YEAR	7/ 1/89	7/ 4/89	7/ 9/89	7/13/89	7/15/89	6/ 8/89	6/10/89	6/11/89	6/14/89	6/17/89	6/24/89
LATITUDE START	57 59.4	57 56.2	58 0.4	58 1.0	57 59.2	58 16.1	58 14.9	58 21.5	58 21.1	58 19.8	58 20.5
LONGITUDE START	167 46.5	169 3.4	170 19.8	171 36.3	172 51.6	159 58.3	161 32.6	162 43.9	163 59.8	165 18.1	166 33.0
LORAN START	34188.70	34438.50	18524.60	18192.80	17778.20	32848.40	33142.70	33173.20	33363.20	33579.90	33780.20
LORAN START	49071.90	49533.60	49841.60	34462.90	34359.90	46042.90	46638.80	47108.50	47594.70	48092.30	48554.90
GEAR DEPTH	37	38	41	54	60	22	25	17	21	25	25
DURATION IN HOURS	0.50	0.50	0.50	0.50	0.50	0.50	0.33	0.50	0.50	0.50	0.50
DISTANCE FISHED	1.57	1.50	1.57	1.51	1.48	1.52	0.96	1.54	1.58	1.53	1.49
PERFORMANCE / GEAR	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44
POLLOCK	526.3	644.0	532.2	1164.0	282.3	123.9	9.0	23.0	9.2	21.5	251.5
PAC COD	787.9	260.2	59.5	124.6	165.8	0.0	3.0	26.0	0.0	0.7	44.0
PAC OC PERCH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER RCKFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SABLEFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC HERRING	0.0	0.0	1.0	0.0	0.0	0.4	0.0	0.0	0.9	8.9	0.2
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	76.6	115.0	61.2	18.4	78.8	160.2	33.1	42.0	60.0	66.2	63.1
EELPOUTS	8.3	9.5	9.0	16.8	6.1	0.0	0.0	0.0	0.0	0.0	0.0
OTHER RDNDFISH	13.4	30.6	3.6	1.2	0.3	6.1	5.0	2.6	3.9	5.4	8.0
TOT ROUND FISH	1412.5	1059.3	666.5	1325.0	533.3	290.6	50.1	93.6	74.0	102.7	366.8
YELLOW SOLE	1133.1	538.4	25.7	0.0	0.0	4434.2	306.0	268.5	528.5	1364.7	393.0
ROCK SOLE	1052.7	308.8	24.5	21.5	66.6	635.0	311.0	445.0	214.7	654.6	376.5
FLATHEAD SOLE	63.8	14.3	25.7	70.6	154.9	0.0	0.0	0.0	0.0	0.0	1.2
ALASKA PLAICE	641.2	259.2	238.1	156.6	107.0	22.1	2.5	6.5	70.4	110.9	117.2
GREENLAND TBT	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ARROWTOOTH FL	21.1	9.0	1.0	15.1	65.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC HALIBUT	34.0	12.5	0.0	10.0	0.0	18.3	1.4	1.7	0.0	2.0	101.8
OTHER FLTFISH	0.0	0.0	0.0	0.0	32.9	70.8	3.0	35.0	6.9	12.5	1.7
TOT FLATFISH	2945.9	1142.2	315.0	277.5	426.4	5180.4	623.9	756.7	820.5	2144.7	991.4
SKATES	0.0	0.0	224.8	53.8	405.0	0.0	0.0	0.0	0.0	0.0	107.0
SHARKS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT ELASMOBRH	0.0	0.0	224.8	53.8	405.0	0.0	0.0	0.0	0.0	0.0	107.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	10.0	4.0	5.5	0.0	0.5
BLUE KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TANNER, BAIRDI	7.0	45.8	50.0	34.4	14.2	0.0	0.0	0.0	0.0	0.4	1.0
TANNER, OPILIO	242.0	593.0	884.1	441.5	419.9	0.0	0.0	0.0	0.0	0.6	21.5
OTHER CRAB	28.7	558.5	394.2	89.7	132.5	18.6	18.8	5.3	100.1	96.6	114.9
SNAILS	1.2	67.0	126.8	107.6	89.7	0.0	0.2	1.0	98.1	44.4	63.2
SHRIMP	0.0	0.0	0.0	3.2	3.4	0.0	0.0	0.0	0.0	0.0	0.5
STARFISH	86.1	84.5	135.7	27.3	48.4	208.0	202.5	21.5	544.7	438.2	323.5
SQUID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCTOPUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER INVERTS	76.6	1276.4	11.3	10.0	5.5	2.2	53.0	0.0	4.9	22.5	44.2
TOTAL INVERTS	441.6	2625.2	1602.1	713.7	713.6	228.8	284.5	31.8	753.3	602.7	569.3
MISC.	0.0	43.3	61.7	0.0	0.0	0.0	1.5	2.0	2.1	0.0	41.5
TOTAL CATCH	4800.0	4870.0	2870.1	2370.0	2078.3	5699.8	960.0	884.1	1649.9	2850.1	2076.0

Table 2.--(continued)

STATION ID	4532	4536	4540	4544	4548	4552	4716	4720	4724	4728	4732
MONTH/DAY/YEAR	7/ 1/89	7/ 3/89	7/ 9/89	7/13/89	7/15/89	7/26/89	6/11/89	6/15/89	6/17/89	6/24/89	7/ 1/89
LATITUDE START	58 19.3	58 20.9	58 22.1	58 18.6	58 19.3	58 18.9	58 41.5	58 40.6	58 39.6	58 39.8	58 39.4
LONGITUDE START	167 49.9	169 6.5	170 22.5	171 38.7	172 54.7	174 16.1	162 42.2	163 59.9	165 18.3	166 33.8	167 52.5
LORAN START	34002.40	34164.70	18434.00	18140.20	17749.50	17296.40	33015.50	33204.40	33407.30	33597.80	33795.30
LORAN START	49015.60	49413.90	49707.90	34267.50	34167.30	34043.90	47079.10	47565.20	48049.20	48499.10	48942.70
GEAR DEPTH	33	37	41	53	60	84	13	19	22	21	25
DURATION IN HOURS	0.50	0.50	0.50	0.33	0.33	0.50	0.50	0.50	0.50	0.50	0.50
DISTANCE FISHED	1.52	1.47	1.52	1.05	0.97	1.46	1.80	1.56	1.47	1.58	1.59
PERFORMANCE / GEAR	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44
POLLOCK	171.1	1122.1	252.1	1388.4	3495.7	0.0	0.0	2.8	0.0	98.8	188.9
PAC COD	63.5	328.9	25.8	181.3	371.7	25.0	0.0	0.0	5.5	39.9	53.3
PAC OC PERCH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER RCKFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SABLEFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC HERRING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	2.7	0.0	1.9
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	17.7	230.6	65.0	1.9	119.2	1.0	2.5	142.5	33.7	42.0	84.6
EELPOUTS	1.4	0.0	21.1	32.7	8.6	0.0	0.0	0.0	0.0	0.0	0.0
OTHER RNDFISH	20.2	18.3	21.1	1.6	1.5	21.0	0.5	3.5	5.5	3.4	11.3
TOT ROUND FISH	273.9	1699.9	385.1	1605.9	3996.7	47.0	3.0	151.6	47.4	184.1	340.0
YELLOW SOLE	479.8	579.4	82.6	5.0	0.0	0.0	60.5	1671.5	2057.1	1469.5	419.5
ROCK SOLE	355.1	317.1	199.4	6.6	70.7	62.0	7.5	608.2	125.5	302.7	672.3
FLATHEAD SOLE	23.8	10.6	14.2	287.7	235.3	49.0	0.0	0.0	0.0	2.1	7.5
ALASKA PLAICE	374.8	315.5	214.3	10.6	454.5	0.0	0.0	36.9	40.9	44.1	152.8
GREENLAND TBT	0.0	0.0	0.0	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ARROWTOOTH FL	0.0	7.7	0.0	23.9	78.3	419.0	0.0	0.0	0.0	0.0	0.0
PAC HALIBUT	4.2	10.9	21.4	0.0	0.0	0.0	3.1	0.0	0.0	7.3	36.0
OTHER FLT FISH	0.0	3.3	0.9	0.0	30.3	6.0	5.4	36.9	13.6	6.3	0.0
TOT FLAT FISH	1237.7	1244.5	532.8	341.2	869.1	536.0	76.5	2353.5	2237.1	1832.0	1288.1
SKATES	58.0	17.5	166.9	9.3	354.0	135.0	0.0	0.0	0.0	0.0	7.5
SHARKS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT ELASMOBRH	58.0	17.5	166.9	9.3	354.0	135.0	0.0	0.0	0.0	0.0	7.5
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	3.8
BLUE KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TANNER, BAIRDI	0.5	19.3	14.0	6.9	8.9	0.1	0.0	0.0	0.0	0.0	0.0
TANNER, OPILIO	13.7	170.1	336.0	164.4	47.4	0.0	0.0	0.0	0.0	0.0	3.1
OTHER CRAB	215.2	211.0	65.4	45.7	287.8	20.1	0.0	8.7	25.9	35.8	75.3
SNAILS	41.1	32.4	100.2	84.9	184.9	8.2	0.0	0.7	22.9	66.0	59.2
SHRIMP	2.0	0.0	0.4	1.9	2.5	0.0	0.0	0.0	0.9	0.0	0.0
STARFISH	114.8	151.3	137.9	49.9	458.6	12.7	3.0	545.5	768.0	874.6	666.3
SQUID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCTOPUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER INVERTS	186.5	309.8	30.8	0.0	0.0	9.5	0.0	0.2	0.8	2.1	256.3
TOTAL INVERTS	573.8	893.9	684.7	353.7	990.1	50.6	3.0	555.1	823.5	978.5	1064.0
MISC.	166.8	14.2	20.7	0.0	20.2	0.0	0.0	0.0	1.9	5.3	40.2
TOTAL CATCH	2310.2	3870.0	1790.2	2310.1	6230.1	768.6	82.5	3060.2	3109.9	2999.9	2739.8

Table 2.--(continued)

STATION ID	4736	4740	4744	4748	4752	4920	4924	4928	4932	4936	4940
MONTH/DAY/YEAR	7/ 3/89	7/ 9/89	7/12/89	7/15/89	7/26/89	6/15/89	6/17/89	6/24/89	7/ 1/89	7/ 3/89	7/10/89
LATITUDE START	58 41.0	58 39.6	58 40.9	58 39.6	58 41.0	58 60.0	59 0.3	59 0.4	58 59.6	59 1.2	59 1.6
LONGITUDE START	169 9.7	170 26.4	171 42.0	172 59.7	174 16.1	163 59.6	165 18.3	166 34.8	167 53.1	169 9.9	170 29.4
LORAN START	33934.10	18358.20	18068.60	17702.70	17302.50	33036.00	33214.40	33392.30	33573.90	33691.60	18273.20
LORAN START	49314.50	49608.50	34013.20	33959.40	33849.90	47530.40	47997.00	48434.50	48854.20	49200.80	49482.80
GEAR DEPTH	34	41	51	62	85	15	15	18	22	29	39
DURATION IN HOURS	0.50	0.50	0.50	0.33	0.50	0.50	0.50	0.50	0.50	0.50	0.50
DISTANCE FISHED	1.52	1.50	1.57	0.98	1.42	1.63	1.46	1.55	1.64	1.52	1.62
PERFORMANCE / GEAR	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44
POLLOCK	520.3	798.6	4894.7	4823.9	5650.6	0.0	18.8	29.0	75.6	158.5	435.6
PAC COD	129.2	36.0	195.2	1281.5	633.5	0.0	0.0	30.5	91.9	152.5	104.5
PAC OC PERCH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER RCKFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SABLEFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC HERRING	0.0	39.5	7.5	0.0	0.0	0.5	0.0	0.0	0.0	0.0	5.2
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	155.4	88.1	88.1	242.2	0.0	77.9	95.2	11.4	12.1	123.7	44.6
EELPOUTS	0.0	17.6	120.8	1.6	0.0	0.0	0.0	0.0	0.0	0.0	9.1
OTHER RNDFISH	34.3	5.0	0.0	0.0	0.0	5.4	2.8	0.9	8.1	61.8	1.7
TOT ROUND FISH	839.2	984.8	5306.3	6349.2	6284.1	83.8	116.8	71.8	187.7	496.5	600.7
YELLOW SOLE	1516.8	29.3	0.0	0.0	0.0	1564.6	1154.4	1263.0	896.1	604.9	246.5
ROCK SOLE	394.0	13.5	12.6	37.1	53.3	199.2	302.2	51.0	549.9	508.2	52.2
FLATHEAD SOLE	25.0	4.6	92.1	34.7	1113.1	0.0	0.0	0.0	0.0	0.8	10.4
ALASKA PLAICE	557.6	40.0	13.6	100.9	0.0	7.1	43.5	5.5	160.2	560.5	52.2
GREENLAND TBT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
ARROWTOOTH FL	0.0	1.0	47.8	88.0	384.9	0.0	0.0	0.0	0.0	0.0	0.0
PAC HALIBUT	0.0	35.1	0.0	8.0	0.0	0.0	0.2	29.2	77.3	4.0	26.9
OTHER FLTFISH	7.6	0.8	0.0	58.9	3.0	32.7	19.8	5.5	2.6	0.0	0.0
TOT FLATFISH	2501.0	124.3	166.1	327.6	1554.3	1803.6	1520.1	1354.2	1686.1	1678.4	391.0
SKATES	0.0	20.0	40.3	347.2	0.0	0.0	0.0	0.0	126.3	109.7	0.0
SHARKS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT ELASMOBRH	0.0	20.0	40.3	347.2	0.0	0.0	0.0	0.0	126.3	109.7	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0
BLUE KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TANNER, BAIRDI	0.0	1.0	0.7	8.9	4.2	0.0	0.0	0.0	0.0	0.2	0.0
TANNER, OPILIO	23.1	397.0	370.0	44.9	0.0	0.0	0.0	0.0	0.0	0.2	1518.7
OTHER CRAB	721.2	19.4	56.4	327.0	29.6	18.2	18.7	11.4	67.5	1042.6	6.6
SNAILS	560.5	36.4	78.9	387.5	8.9	0.0	0.4	0.7	133.8	397.0	6.1
SHRIMP	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STARFISH	133.8	41.5	39.2	71.9	17.8	144.3	83.0	224.5	535.8	249.6	15.0
SQUID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCTOPUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER INVERTS	841.0	16.9	21.6	7.3	1.2	0.0	0.2	0.3	6.0	898.0	0.0
TOTAL INVERTS	2279.6	512.2	567.3	847.5	61.7	162.5	102.3	237.3	743.1	2587.6	1546.4
MISC.	196.1	5.3	0.0	28.3	0.0	0.0	1.0	0.5	0.9	377.9	1.7
TOTAL CATCH	5815.9	1646.6	6080.0	7899.8	7900.1	2049.9	1740.2	1663.8	2744.1	5250.1	2539.8

Table 2.--(continued)

STATION ID	4944	4948	4952	4960	4962	5120	5124	5128	5132	5136	5140
MONTH/DAY/YEAR	7/12/89	7/16/89	7/27/89	8/ 8/89	8/ 8/89	6/15/89	6/17/89	6/24/89	7/ 1/89	7/ 3/89	7/10/89
LATITUDE START	59 0.3	59 1.7	59 0.5	58 56.2	59 0.2	59 21.3	59 19.2	59 18.4	59 19.2	59 21.4	59 20.9
LONGITUDE START	171 45.8	173 4.9	174 21.7	176 45.8	177 36.8	164 0.9	165 18.6	166 36.4	167 55.1	169 13.4	170 32.6
LORAN START	18002.40	17648.40	17271.30	16517.60	16258.80	32845.20	33030.30	33205.70	33354.80	33453.30	18200.20
LORAN START	33789.40	33725.60	33661.80	33528.50	33458.80	47498.80	47948.70	48377.70	48773.10	49103.60	49378.60
GEAR DEPTH	48	59	70	73	78	11	11	15	21	27	37
DURATION IN HOURS	0.50	0.33	0.33	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
DISTANCE FISHED	1.49	1.02	0.91	1.57	1.54	1.62	1.44	1.48	1.70	1.56	1.58
PERFORMANCE / GEAR	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44
POLLOCK	1895.4	5809.3	8837.5	4967.1	769.0	0.0	0.0	24.0	102.7	120.7	883.6
PAC COD	61.0	131.0	999.4	543.9	132.0	0.0	0.0	7.0	21.1	147.8	202.0
PAC OC PERCH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER RCKFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SABLEFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC HERRING	0.7	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	13.0
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	0.0	0.0	0.0	9.5	0.6	4.0	35.3	12.8	7.4	44.7	9.0
EELPOUTS	18.8	2.1	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.0	17.4
OTHER RNDFISH	1.1	1.0	0.0	0.0	0.0	3.0	3.2	13.5	2.4	2.3	5.2
TOT ROUND FISH	1977.0	5943.4	9836.9	5520.5	905.1	7.5	38.5	57.3	133.6	315.5	1130.2
YELLOW SOLE	20.6	0.0	0.0	0.0	0.0	3518.9	1101.0	630.0	877.6	459.9	364.0
ROCK SOLE	48.7	34.1	54.8	90.7	9.0	14.9	292.0	152.5	132.1	269.2	90.1
FLATHEAD SOLE	83.9	3.7	157.4	252.9	339.0	0.0	0.0	0.0	0.0	0.0	7.9
ALASKA PLAICE	10.5	57.1	0.0	0.0	0.0	9.4	0.0	21.0	27.9	429.4	87.5
GREENLAND TBT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
ARROWTOOTH FL	9.4	57.6	116.4	133.6	42.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC HALIBUT	0.0	0.0	0.0	16.6	9.0	0.0	1.7	6.0	3.8	39.9	0.0
OTHER FLT FISH	2.2	55.0	0.0	1.4	0.5	10.4	9.0	21.0	0.0	0.0	51.7
TOT FLAT FISH	175.3	207.5	328.6	495.2	399.5	3553.6	1403.7	830.5	1041.4	1198.4	601.3
SKATES	68.5	94.3	61.6	52.5	28.0	0.0	0.0	0.0	0.0	126.7	34.0
SHARKS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT ELASMOBRH	68.5	94.3	61.6	52.5	28.0	0.0	0.0	0.0	0.0	126.7	34.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BLUE KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TANNER, BAIRDI	0.0	7.3	10.9	3.6	18.5	0.0	0.0	0.0	0.0	0.0	0.2
TANNER, OPILIO	560.0	38.7	2.4	0.0	2.1	0.0	0.0	0.0	0.0	0.1	219.8
OTHER CRAB	44.9	17.3	11.0	19.1	72.0	1.5	17.5	4.1	29.6	322.6	64.7
SNAILS	66.3	57.4	60.9	7.2	19.2	0.0	0.0	0.0	47.3	241.8	57.3
SHRIMP	0.0	5.2	0.7	0.0	0.1	0.0	0.1	0.0	0.6	0.0	0.0
STARFISH	160.9	34.1	20.5	1.0	2.0	307.5	58.0	145.5	686.2	256.1	17.7
SQUID	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
OCTOPUS	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER INVERTS	65.9	44.5	1.4	1.0	6.0	0.0	0.1	0.0	0.9	1005.1	1.2
TOTAL INVERTS	898.0	204.5	107.8	31.9	132.0	309.0	75.7	149.6	764.6	1825.7	360.9
MISC.	11.2	0.0	15.1	0.0	0.0	0.0	2.5	0.2	0.6	93.6	0.0
TOTAL CATCH	3130.0	6449.7	10350.0	6100.1	1464.6	3870.1	1520.4	1037.6	1940.2	3559.9	2126.4

Table 2.--(continued)

STATION ID	5144	5148	5152	5154	5156	5158	5160	5328	5332	5336	5340
MONTH/DAY/YEAR	7/12/89	7/16/89	7/27/89	8/ 7/89	8/ 7/89	8/ 7/89	8/ 7/89	6/24/89	7/ 2/89	7/ 3/89	7/10/89
LATITUDE START	59 20.8	59 21.2	59 20.1	59 20.0	59 20.1	59 18.9	59 15.4	59 35.6	59 41.2	59 39.4	59 40.0
LONGITUDE START	171 50.0	173 9.9	174 21.6	175 8.9	175 45.0	176 30.2	176 56.4	166 36.8	167 56.9	169 15.8	170 34.4
LORAN START	17933.20	17597.40	17264.80	17034.50	16855.80	16629.40	16492.90	33020.40	33101.10	33237.70	18134.80
LORAN START	33550.40	33515.70	33473.20	33431.90	33397.00	33362.00	33364.30	48316.70	48678.70	49015.50	49274.60
GEAR DEPTH	44	55	66	74	76	77	81	16	18	26	36
DURATION IN HOURS	0.50	0.25	0.25	0.50	0.50	0.50	0.33	0.50	0.50	0.50	0.50
DISTANCE FISHED	1.48	0.62	0.78	1.42	1.45	1.37	1.07	1.53	1.57	1.56	1.63
PERFORMANCE / GEAR	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44
POLLOCK	1126.4	2269.0	5791.0	1154.7	2881.1	5599.6	5853.0	4.0	6.3	156.2	944.6
PAC COD	71.4	137.3	819.8	253.1	317.7	933.3	408.8	0.0	19.4	184.9	169.6
PAC OC PERCH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER RCKFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SABLEFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC HERRING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.6	2.8	0.0
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	60.6	30.9	18.0	14.1	6.4	1.8	0.0	3.4	11.3	34.8	50.2
EELPOUTS	6.9	13.6	1.7	15.8	17.2	30.9	1.9	0.0	0.0	0.0	38.6
OTHER RNDFISH	0.0	0.2	0.0	0.5	0.0	26.8	1.9	3.2	1.4	10.2	0.8
TOT ROUND FISH	1265.3	2451.0	6630.5	1438.2	3222.4	6592.4	6265.6	10.8	40.0	388.9	1203.8
YELLOW SOLE	16.7	0.0	0.0	0.0	0.0	0.0	0.0	271.5	1466.1	643.1	579.3
ROCK SOLE	49.3	20.3	1.2	7.0	0.0	5.9	0.0	29.0	97.8	242.8	175.4
FLATHEAD SOLE	6.4	6.3	52.3	59.8	17.2	95.1	720.3	0.0	0.0	0.0	5.3
ALASKA PLAICE	43.3	9.2	0.0	3.5	0.0	0.0	0.0	25.0	55.2	366.6	148.0
GREENLAND TBT	0.0	0.0	0.0	0.0	90.2	0.0	0.0	0.0	0.0	0.0	0.0
ARROWTOOTH FL	0.0	16.3	110.5	86.1	81.6	35.7	19.5	0.0	0.0	0.0	0.0
PAC HALIBUT	0.0	0.0	12.4	10.9	0.0	0.0	0.0	11.3	19.1	19.6	0.0
OTHER FLTFISH	5.9	15.7	0.0	8.8	4.3	5.9	38.9	0.8	1.4	1.1	41.6
TOT FLATFISH	121.6	67.8	176.4	176.1	193.3	142.6	778.7	337.6	1639.6	1273.2	949.6
SKATES	98.5	99.6	46.5	210.9	352.1	14.9	97.3	0.0	0.0	127.1	8.3
SHARKS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT ELASMOBRH	98.5	99.6	46.5	210.9	352.1	14.9	97.3	0.0	0.0	127.1	8.3
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	2.5	0.0	0.0
BLUE KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0
TANNER, BAIRDI	0.0	0.5	4.9	19.5	8.5	3.8	1.8	0.0	0.0	0.0	0.0
TANNER, OPILIO	614.7	47.5	18.4	128.1	79.3	4.3	0.1	0.0	0.0	0.7	150.6
OTHER CRAB	41.9	3.5	3.5	75.1	50.3	101.7	19.5	0.8	20.7	142.7	67.9
SNAILS	238.3	36.0	15.8	147.3	15.4	49.9	12.2	0.0	16.9	252.6	53.8
SHRIMP	0.0	0.0	0.6	4.6	2.1	1.2	0.0	0.0	0.0	0.0	0.0
STARFISH	80.8	52.4	1.2	61.6	199.6	351.8	6.5	118.5	420.3	225.0	11.9
SQUID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCTOPUS	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER INVERTS	0.5	1.2	2.4	3.6	8.6	37.5	68.1	0.3	0.0	52.0	4.2
TOTAL INVERTS	976.2	141.1	46.8	445.1	363.8	550.2	108.2	122.3	460.4	673.0	288.4
MISC.	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	87.7	0.0
TOTAL CATCH	2470.0	2759.5	6900.2	2270.3	4131.6	7300.1	7249.8	470.8	2140.0	2549.9	2450.1

Table 2.--(continued)

STATION ID	5344	5348	5350	5352	5532	5536	5540	5544	5548	5552	5554
MONTH/DAY/YEAR	7/12/89	7/16/89	7/20/89	7/27/89	7/ 2/89	7/ 2/89	7/10/89	7/11/89	7/17/89	7/27/89	8/ 2/89
LATITUDE START	59 40.4	59 40.2	59 40.2	59 40.4	59 59.6	60 0.6	59 59.3	60 0.6	59 59.4	60 0.4	60 0.5
LONGITUDE START	171 56.3	173 15.1	173 53.2	174 26.9	168 0.0	169 18.8	170 38.0	171 57.9	173 18.0	174 35.8	175 14.0
LORAN START	17860.80	17546.50	17380.90	17229.20	32889.70	32982.30	18066.30	17806.80	17505.30	17177.60	17009.60
LORAN START	33321.80	33308.70	33290.90	33269.40	48608.20	48915.30	49178.70	33087.40	33100.20	33064.20	33045.60
GEAR DEPTH	43	52	58	63	13	24	36	36	42	60	64
DURATION IN HOURS	0.50	0.25	0.25	0.25	0.50	0.50	0.50	0.50	0.50	0.50	0.50
DISTANCE FISHED	1.56	0.71	0.68	0.81	1.46	1.50	1.70	1.49	1.41	1.53	1.62
PERFORMANCE / GEAR	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44
POLLOCK	342.4	929.2	1696.2	1120.9	19.3	123.7	193.4	401.5	392.0	1839.2	2652.2
PAC COD	87.1	127.5	65.5	394.9	0.0	50.7	82.5	243.8	138.5	520.9	602.5
PAC OC PERCH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER RCKFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SABLEFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC HERRING	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	55.2	10.3	1.3	89.6	30.1	44.0	19.2	132.0	173.9	10.1	76.0
EELPOUTS	20.1	0.6	7.2	12.1	0.0	0.0	61.0	77.7	11.9	26.7	2.6
OTHER RNDFISH	11.4	8.9	0.5	0.7	2.1	0.6	1.0	2.1	37.5	1.2	0.8
TOT ROUNDFISH	516.2	1076.5	1770.7	1618.2	51.5	219.2	357.1	857.1	753.8	2398.1	3334.1
YELLOW SOLE	30.7	0.0	0.0	0.0	465.1	465.0	62.5	264.0	10.0	0.0	0.0
ROCK SOLE	12.8	3.3	3.5	28.3	212.6	207.5	47.5	167.3	185.8	16.3	36.6
FLATHEAD SOLE	2.0	7.0	8.5	15.6	0.0	0.0	0.4	4.9	31.3	8.9	12.7
ALASKA PLAICE	243.5	7.2	16.0	26.9	18.7	50.7	34.5	288.0	83.0	0.0	107.0
GREENLAND TBT	0.2	2.7	24.6	2.8	0.0	0.0	0.1	0.0	0.0	17.8	2.8
ARROWTOOTH FL	0.0	2.0	37.1	72.2	0.0	0.0	0.0	0.0	0.0	35.5	53.5
PAC HALIBUT	0.0	0.0	0.0	0.0	0.2	3.8	0.0	0.0	0.0	4.2	0.0
OTHER FLTIFISH	11.5	4.3	0.0	21.6	21.6	0.0	23.7	19.4	0.0	27.5	2.8
TOT FLATFISH	300.7	26.5	89.7	167.4	718.2	727.0	168.7	743.6	310.1	110.2	215.4
SKATES	53.0	26.0	36.1	239.2	0.0	141.6	0.0	19.2	52.5	59.2	115.4
SHARKS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT ELASMOBRH	53.0	26.0	36.1	239.2	0.0	141.6	0.0	19.2	52.5	59.2	115.4
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BLUE KING CRAB	0.0	11.0	3.0	0.0	0.0	0.0	0.0	13.9	62.9	5.0	0.0
TANNER, BAIRDI	8.4	0.1	0.0	0.8	0.0	0.0	0.0	0.4	3.4	0.1	0.0
TANNER, OPILIO	547.3	138.5	55.1	103.5	0.0	0.5	58.4	16.2	59.4	0.0	433.0
OTHER CRAB	74.3	2.9	0.8	5.2	4.0	194.0	6.8	90.0	98.4	19.3	8.4
SNAILS	150.7	10.5	17.4	58.4	0.6	587.5	10.7	76.8	36.8	139.7	24.5
SHRIMP	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.6	4.5
STARFISH	149.0	18.3	35.8	47.4	140.8	228.9	8.5	41.5	12.0	48.8	12.6
SQUID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCTOPUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER INVERTS	0.0	6.4	1.4	1.1	0.2	393.0	13.8	12.7	53.0	1.2	2.0
TOTAL INVERTS	929.7	187.7	113.5	216.4	145.6	1404.1	98.2	251.5	325.9	214.7	485.0
MISC.	0.0	2.6	0.0	8.7	0.1	188.0	0.0	0.0	0.0	18.1	0.0
TOTAL CATCH	1799.6	1319.3	2010.0	2249.9	915.4	2679.9	624.0	1871.4	1442.3	2800.3	4149.9



Table 2.--(continued)

STATION ID	5556	5558	5560	5562	5736	5740	5744	5748	5752	5944	5948
MONTH/DAY/YEAR	8/ 2/89	8/ 2/89	8/ 2/89	8/ 2/89	7/ 2/89	7/10/89	7/11/89	7/17/89	7/27/89	7/11/89	7/19/89
LATITUDE START	60 0.2	59 60.0	60 0.1	60 0.6	60 18.7	60 20.7	60 20.9	60 18.8	60 18.4	60 39.8	60 40.9
LONGITUDE START	175 55.7	176 40.4	177 12.6	177 54.2	169 20.0	170 41.8	172 3.5	173 25.3	174 42.4	172 6.9	173 29.7
LORAN START	16823.10	16619.80	16473.40	16284.00	32792.00	17994.90	17740.60	17447.40	17138.20	17687.90	17398.50
LORAN START	33026.10	33001.50	32980.40	32949.10	48828.50	49076.30	32853.10	32887.70	32880.70	32635.20	32647.50
GEAR DEPTH	71	79	76	80	23	35	37	35	57	34	37
DURATION IN HOURS	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.25	0.50	0.50	0.33
DISTANCE FISHED	1.50	1.59	1.57	1.53	1.52	1.50	1.43	0.67	1.42	1.44	0.96
PERFORMANCE / GEAR	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	1 / 44	0 / 44	0 / 44	0 / 44
POLLOCK	1293.8	706.0	1119.8	472.0	75.2	314.3	363.0	36.0	2740.5	43.8	482.0
PAC COD	431.3	28.0	56.0	191.0	47.6	61.8	268.5	101.0	105.3	60.5	318.4
PAC OC PERCH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER RCKFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SABLEFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC HERRING	0.0	0.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
SCULPINS	0.0	1.5	21.6	16.0	26.8	35.3	109.2	752.1	1.6	25.3	55.5
EELPOUTS	36.6	42.3	47.4	11.0	0.0	107.2	0.0	0.0	20.1	18.7	8.2
OTHER RNDFISH	3.1	0.0	10.8	2.0	19.4	17.4	16.0	2.0	0.3	4.7	2.9
TOT ROUNDFISH	1764.8	777.8	1259.9	692.0	169.0	536.0	756.7	891.1	2867.8	153.0	867.2
YELLOW SOLE	0.0	0.0	0.0	0.0	448.3	239.3	28.7	4.6	0.0	17.8	13.6
ROCK SOLE	7.8	0.0	2.2	6.0	100.5	52.6	126.8	34.0	6.4	5.0	137.0
FLATHEAD SOLE	44.4	74.0	34.5	45.0	0.0	3.9	0.0	9.0	38.3	0.0	3.9
ALASKA PLAICE	3.9	0.0	0.0	0.0	112.8	346.9	65.5	37.0	0.0	50.3	24.7
GREENLAND TBT	3.9	2.0	77.5	86.0	0.0	0.0	0.0	0.0	14.4	0.1	0.0
ARROWTOOTH FL	0.0	0.0	34.5	37.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0
PAC HALIBUT	0.0	0.0	0.0	0.0	6.3	1.0	2.4	0.0	0.0	0.0	0.0
OTHER FLTIFISH	0.0	3.0	31.2	34.0	1.5	29.1	0.0	0.0	36.7	31.6	0.0
TOT FLATFISH	60.0	79.0	179.9	208.0	669.4	672.8	223.4	84.6	99.0	104.8	179.2
SKATES	130.7	5.0	183.0	72.0	26.3	5.6	0.0	1.4	188.2	5.3	20.5
SHARKS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT ELASMOBRH	130.7	5.0	183.0	72.0	26.3	5.6	0.0	1.4	188.2	5.3	20.5
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BLUE KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	3.4	15.8	0.0	0.0	9.6
TANNER, BAIRDI	0.0	0.5	1.8	9.9	0.0	0.0	0.1	0.0	0.1	0.0	0.0
TANNER, OPILIO	594.0	17.4	53.8	2.1	0.0	245.6	90.4	22.6	416.3	287.6	41.0
OTHER CRAB	59.3	14.1	17.5	54.3	275.0	11.3	323.7	20.7	1.3	4.9	16.2
SNAILS	38.7	7.7	73.2	70.6	245.6	20.8	143.0	11.7	2.2	3.2	30.9
SHRIMP	5.5	3.2	11.0	8.6	0.0	0.0	0.0	0.0	0.9	0.1	0.0
STARFISH	141.8	172.8	482.0	367.5	249.2	27.0	45.2	4.6	3.2	157.9	18.4
SQUID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCTOPUS	2.6	0.0	36.6	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER INVERTS	2.4	0.0	1.5	16.5	402.6	0.1	301.1	143.2	0.0	1.1	24.3
TOTAL INVERTS	844.3	215.7	677.4	530.5	1172.4	304.8	906.9	218.6	424.0	454.8	140.4
MISC.	0.0	0.0	0.0	0.0	243.0	0.0	73.2	1.0	1.0	0.0	0.0
TOTAL CATCH	2799.8	1077.5	2300.2	1502.5	2280.1	1519.2	1960.2	1196.7	3580.0	717.9	1207.3

Table 2.--(continued)

STATION ID	5950	5952	5956	5958	5960	5962	6144
MONTH/DAY/YEAR	7/19/89	7/19/89	8/ 1/89	8/ 1/89	8/ 1/89	8/ 1/89	7/11/89
LATITUDE START	60 39.5	60 39.0	60 39.9	60 40.0	60 39.9	60 39.0	60 59.6
LONGITUDE START	174 6.4	174 47.4	176 14.2	176 47.0	177 29.5	178 8.1	172 10.1
LORAN START	17263.20	17104.50	16753.40	16617.70	16440.90	16278.90	17635.70
LORAN START	32667.00	32672.10	32651.30	32642.70	32631.90	32626.70	32408.20
GEAR DEPTH	48	54	67	72	82	89	35
DURATION IN HOURS	0.50	0.25	0.50	0.50	0.50	0.50	0.50
DISTANCE FISHED	1.40	0.62	1.47	1.48	1.51	1.60	1.47
PERFORMANCE / GEAR	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44	0 / 44
POLLOCK	1027.8	1994.7	218.0	678.0	787.4	788.0	56.9
PAC COD	78.7	37.2	131.0	207.0	192.5	198.0	7.6
PAC OC PERCH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER RCKFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SABLEFISH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PAC HERRING	0.4	2.6	0.0	0.0	0.4	0.0	0.0
ATKA MACKEREL	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCULPINS	2.6	3.7	1.0	3.5	2.8	12.3	41.3
EELPOUTS	7.4	3.5	5.0	45.0	38.9	12.0	9.6
OTHER RNDFISH	2.7	1.4	6.1	0.4	8.2	13.0	10.9
TOT ROUND FISH	1119.6	2043.1	361.1	933.9	1030.2	1023.3	126.3
YELLOW SOLE	1.4	0.0	0.0	0.0	0.0	0.0	12.2
ROCK SOLE	3.7	1.6	1.5	6.0	0.0	1.0	0.0
FLATHEAD SOLE	49.4	57.2	5.0	20.0	3.1	0.0	0.0
ALASKA PLAICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GREENLAND TBT	3.1	2.5	13.0	46.0	26.6	4.0	0.1
ARROWTOOTH FL	0.0	3.4	10.0	7.0	0.0	22.0	0.0
PAC HALIBUT	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER FLT FISH	0.0	0.0	10.0	5.0	46.1	25.0	14.0
TOT FLAT FISH	57.6	64.7	39.5	84.0	75.8	52.0	26.3
SKATES	30.0	1.0	50.0	178.5	96.2	58.0	0.0
SHARKS	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT ELASMOBRH	30.0	1.0	50.0	178.5	96.2	58.0	0.0
RED KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BLUE KING CRAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TANNER, BAIRDI	0.0	0.0	0.0	0.0	1.0	1.4	0.0
TANNER, OPILIO	358.8	185.8	515.5	269.5	90.0	120.0	169.7
OTHER CRAB	2.0	0.5	31.2	48.2	26.4	35.9	3.3
SNAILS	0.3	1.1	10.7	31.8	44.9	24.0	2.3
SHRIMP	0.0	0.0	0.4	3.0	5.3	2.0	0.1
STARFISH	2.5	1.2	26.9	41.1	324.8	25.2	137.5
SQUID	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OCTOPUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER INVERTS	0.0	14.8	0.0	0.0	5.3	1.2	10.3
TOTAL INVERTS	363.6	203.4	584.7	393.6	497.7	209.7	323.2
MISC.	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CATCH	1570.8	2312.2	1035.3	1590.0	1699.9	1343.0	475.8