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A SUMMARY OF PRODUCTIVE FOREIGN FISHING LOCATIONS IN THE ALASKA REGION DURING 1977-79: LONGLINE FISHERIES

Gary B. Smith, R. S. Hadley, Robert French,
Russell Nelson Jr., and Janet Wall

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ALASKA SEA GRANT PROGRAM
University of Alaska
Fairbanks, Alaska 99701

A SUMMARY OF PRODUCTIVE FOREIGN FISHING LOCATIONS IN THE ALASKA REGION DURING 1977-79: LONGLINE FISHERIES

by

Gary B. Smith[1], R. S. Hadley[2], Robert French[1],
Russell Nelson Jr.[1], and Janet Wall[1]

A Cooperative Effort of
Northwest and Alaska Fisheries Center
National Marine Fisheries Service, NOAA

and

Alaska Sea Grant Program
University of Alaska

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TABLE OF CONTENTS

Page

ACKNOWLEDGMENTS. iv

ABSTRACT 1

INTRODUCTION 3

DESCRIPTION OF FOREIGN LONGLINE FISHERIES. 5

DESCRIPTION OF NMFS OBSERVER COVERAGE. 9

LIMITATIONS AND USES OF THESE DATA 15

LITERATURE CITED 19

APPENDICES

Appendix A. Productive foreign fishing locations in the Aleutian Islands region 21

Appendix B. Productive foreign fishing locations in the Bering Sea and Central Gulf of Alaska region. 45

Appendix C. Productive foreign fishing locations in the Kodiak Island region. 109

Appendix D. Productive foreign fishing locations in the Southeast Alaska region 155

Appendix E. Other sources of information 179

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The authors sincerely thank the many persons who contributed to this report.

During 1977 to 1979, the Northwest and Alaska Fisheries Center (NWAFC) placed 31 observers aboard Japanese longline vessels in order to monitor the North Pacific and Bering Sea fisheries. We would like to acknowledge the contributions that these individuals have made in obtaining catch information under difficult and trying work conditions.

We also gratefully acknowledge the assistance of Bruce Gibbs and Steve Wilson of NWAFC in data processing and production of the computer graphics, and Ms. Tricia Olsen, Alaska Sea Grant for graphics and layout.

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ABSTRACT

Data resulting from U.S. observer coverage of foreign longline fishing activities in the Alaska region during 1977-79 are reported in ways intended to enhance the transfer of information to the U.S. fishing industry. A total of 1,327 longline set records were available from the three years of monitoring, representing coverage of 8 to 22 percent of the total longline fishing effort during any one year. The most productive foreign fishing locations are described for five important fish groups, in four major geographical regions.

INTRODUCTION

The purpose of this document is to support the principal objective of the Fishery Conservation and Management Act of 1976 (FCMA), "to encourage the development of fisheries which are currently underutilized or not utilized by United States fishermen," by describing important characteristics of the current foreign longline fisheries off Alaska. The report is based upon direct shipboard observations collected by the Foreign Fisheries Observer Program of the U.S. National Marine Fisheries Service (NMFS), an agency of the National Oceanic and Atmospheric Administration (NOAA).

In particular, the present report attempts to provide a summary of exact productive fishing locations, productive fishing depths, catch characteristics, and seasonal changes--drawn from the experience of the foreign longline fleet during the years 1977 to 1979. It is hoped that this information will be of assistance to the fisherman, processor, and investor in planning strategies to increase the proportion of the total bottomfish harvest taken by U.S. vessels. This report follows the previous summary of foreign trawl fisheries off Alaska by Smith and Hadley (1979) in presentation and intent.

Although longline vessels accounted for less than two percent of the total foreign groundfish catch in the Gulf of Alaska and Bering Sea during 1977-79, longlining and related setline and jigging methods represent a type of fishing that has the potential to become quite important to the domestic fishing industry in Alaska during the next decade. Compared to trawling or purse seining, longline fisheries can be entered for relatively low capital investment and small- to medium-size vessels can be used. The choice of fishing location and depth allows a relatively selective harvest of higher-valued species and sizes. The flexibility of longlining methods enables diversification of the year-round fishing plan, improving economic stability.

And importantly, the fuel economy (in terms of the amount of fuel required to land a given weight of catch) of coastal and continental shelf longlining is favorable compared to other fishing methods.

Longlining and related hook-and-line or pot-fishing methods can be successfully applied at many different levels of investment. Distant-water fisheries may, at present, use 80-150 ft vessels and employ automated longline systems. Successful coastal operations can also be developed by small communities using outboard-powered skiffs, and jigging machines or setline methods. Areas most suitable for coastal operations--using vessel sizes and fishing gear appropriate for the location--are probably those where deep water (100 fms or deeper) occurs nearshore, such as the southeast Alaska and Aleutian Islands regions.

DESCRIPTION OF FOREIGN LONGLINE FISHERIES

In recent years three foreign nations have engaged in bottom fishing with longline gear in the Gulf of Alaska and Bering Sea--Japan, the Republic of Korea, and the Republic of China (Taiwan). Japan licenses as many as 22 longline vessels for the Gulf of Alaska and Bering Sea, and since implementation of the FCMA on March 1, 1977, most of these licensed vessels have engaged in the fishery. During peak months, approximately 16-20 Japanese longline vessels may be on Alaskan fishing grounds. In addition, during 1977-79 two to five vessels have fished from the Republic of Korea. Taiwanese longline vessels have not fished in the Alaska region since 1977.

Foreign longline vessels generally target upon sablefish (*Anoplopoma fimbria*, also commonly called "blackcod"), but in recent years Japanese vessels have also targeted on Pacific cod (*Gadus macrocephalus*). In the Bering Sea and Aleutian Islands area, Greenland turbot (*Reinhardtius hippoglossoides*) is also selectively taken at times (Table 1). Because the distributions of these species differ, fishing strategies also differ markedly depending upon the target species. Sablefish and Greenland turbot are fished at water depths generally in excess of 270 fms (500 m). Pacific cod are fished at depths less than 270 fms, usually shallower than 160 fms (300 m). Bycatch species, and their relative abundances, also differ by depth and target species.

The typical Japanese longline vessel fishing in recent years was approximately 500 gross tons, 164-170 ft (50-52 m) in length, had 1500-1800 hp propulsion engines, and operated with a total crew of 27-30 men. In a typical fishing operation up to 420 hachi (where a "hachi" is a unit of longline gear about 100 yds long carrying 40-50 hooks) are set early in the morning (Figure 1). The set of approximately 16,000 to 20,000 hooks spread over about 10 nautical miles takes about two hours. About 1-1/2 hours are taken to run the

Table 1. Summary of provisional 1979 foreign longline catches in the Gulf of Alaska, and eastern Bering Sea and Aleutian Islands regions.[1/]

Species	Gulf of Alaska[2/] (mt)	Bering Sea[3/] (mt)	Total (mt)
Pacific Cod	9,545.1	3,356.0	12,901.1
Sablefish	6,198.8	1,218.2	7,417.0
Flounders	376.0	3,008.8	3,384.8
Walleye Pollock	36.6	129.5	166.1
Pacific Ocean Perch	102.0	13.8	115.8
Other Rockfish	17.2	n.r.[4/]	17.2
Atka Mackerel	9.3	0.1	9.4
Other Fish	621.5	1,688.6	2,310.1
TOTAL	16,906.5	9,415.0	26,321.5

1/ Based upon U.S. National Marine Fisheries Service "best blend" estimates (Nelson et al., 1980).

2/ Includes western, central, and eastern areas of the Gulf of Alaska.

3/ Includes southeastern and northern areas of the Bering Sea, and the Aleutian Islands area from long. 170°W to long. 170°E.

4/ n.r. = not separately recorded, but included in "Other Fish" category.

vessel back to the initial setting position, then hauling of the gear may begin either immediately or after a wait of 1-2 additional hours. Hauling requires a total of 10-15 hours. Bait is mostly squid or walleye pollock (*Theragra chalcogramma*).

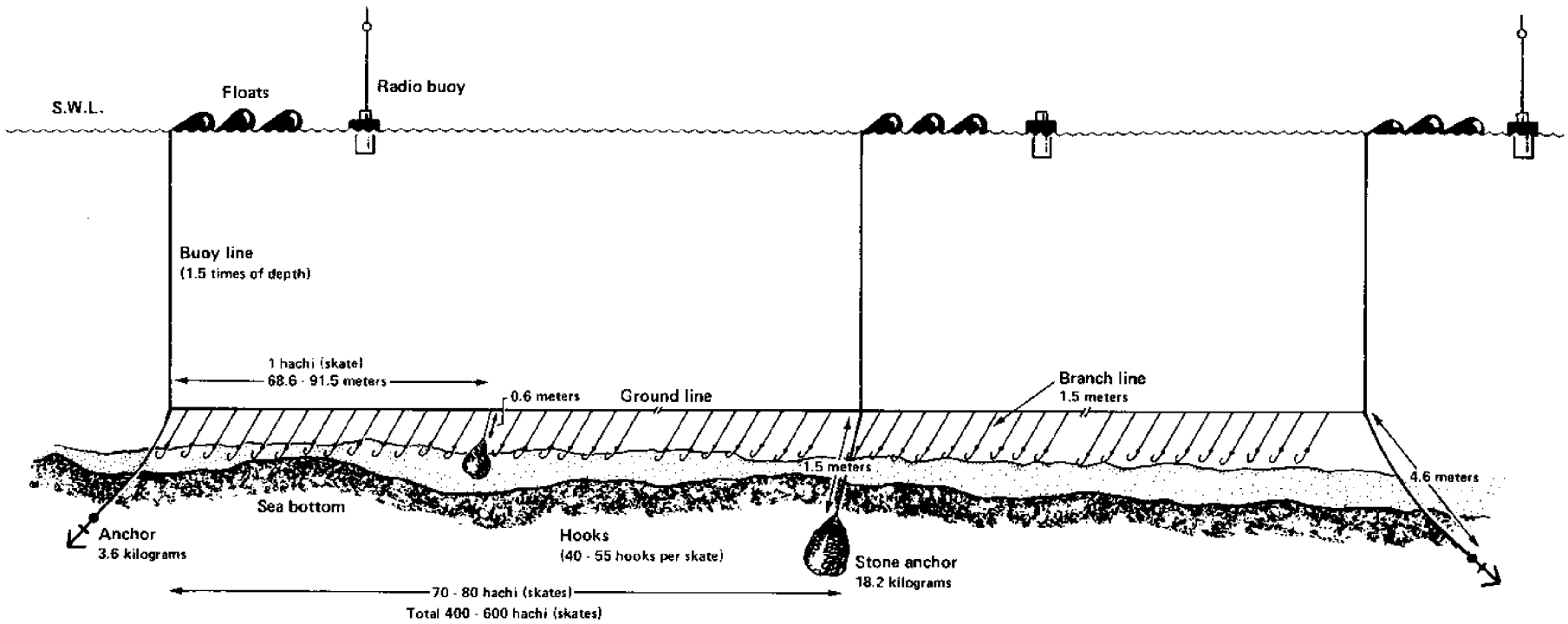

Figure 1. Design of Japanese longline gear used in fishing for sablefish, Pacific cod, and Greenland turbot (note: 1 meter = 3.28 feet; 1 kilogram = 2.2 pounds).

DESCRIPTION OF NMFS OBSERVER COVERAGE

Field Methods

Under regulations of the FCMA, all foreign vessels fishing within the U.S. 200-mile Fishery Conservation Zone must accept U.S. observers upon request by the United States. Observers were first placed on Japanese longline vessels in the fall of 1977, when three observers each spent two months aboard longliners in the Gulf of Alaska fishery. During 1978 and 1979, the Northwest and Alaska Fisheries Center placed 10 and 18 observers, respectively, aboard Japanese longline vessels fishing in the Gulf of Alaska and Bering Sea. During 1978, this coverage (observer days/estimated vessel days on the ground) represented shipboard observations of about 8 percent of all foreign longline fishing activities in the Bering Sea, and 16 percent of those in the Gulf of Alaska. During 1979, coverage was increased to 22 percent (Gulf of Alaska) and 19 percent (Bering Sea).

The primary purpose of placing observers was to determine catch rates, species composition of the catch, incidence of prohibited species, and to collect biological data from species of particular interest. On longline vessels the observers estimated species composition and production rates by counting and weighing the catch from a subsample of each set, a known number of hachi. The overall species composition and catch rates resulting from each set were then estimated by expanding the results from the subsample to the total estimated catch. The estimate of total tonnage landed from each longline set was made by the vessel captain.

Additional descriptions of the NMFS Observer Program, coverage of foreign vessels, and field methods are available (Nelson et al., 1978, 1979; Wall et al., 1978, 1979).

Analytical Methods

A total of 1,327 longline set records were available from observations of Japanese longline vessels in the Alaska region during 1977-79. These included 126 (10%) longline set records from 1977, 478 (36%) from 1978, and 723 (54%) from 1979.

The four geographical areas used to summarize the foreign fishing data are shown in Table 2 and Figure 2. The areas were selected for their correspondence to a U.S. National Ocean Survey (NOS) navigational chart, and the boundaries were non-overlapping. Longline set records were selected by a geographic "window," year, and three-month period for each summary and analysis.

To describe recent general characteristics of the foreign longline fishery in each region, summaries of overall species composition and average catch rates were developed using all data from 1979. Separate summary tables are provided for sets made at depths shallower than 270 fathoms (500 m), and for sets made at depths greater than 270 fathoms, so as to distinguish between vessels targeting upon shallow- or deep-living fish species. The overall fishing production rates, or "catch rates," are shown in units of "catch per hook." Within each table, species are listed in order from most abundant to rarest.

To describe more specific characteristics of the foreign longline fishery in each region, listings were made of the most productive fishing locations for five potential "target" fish species or groups (Table 3)[1/]. The longline set data available for each region were selected by three-month intervals,

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1/ The term "target" is used in these listings to indicate that a particular group is the subject of the data summary, and does not necessarily imply that the group was selectively taken by the actual fishing operations. The five fish species or groups used in this report, however, do represent distinct and important market orientations.

then the best individual sets for each of the five "target" groups were listed in order of "catch per hook." Information shown for each set include date, starting position, Loran-C coordinates, fishing depth, total catch and catch rate for the potential "target" group, average size of the "target" group, the weight of the "discard" fraction, and the overall total catch (all species combined). The "discard" fraction was arbitrarily defined as consisting of all species not included in the five potential "target" categories. Only sets with catch rates greater than, or equal to, 0.0001 pounds per hook are reported in these analyses.

Although data for Pacific halibut (*Hippoglossus stenolepis*) catches are included in this report, since all foreign fishing vessels are prohibited from retaining this species under threat of severe penalties for violations, these catches were presumably returned to the sea.

The importance of the "discard" fraction is as a source of fishing inefficiency. High catch rates of unmarketable fish mean bait loss, undesirable hook saturation, and unproductive gear handling time. Rattails, sculpins, and skates were the most commonly-taken fish in this category.

Table 2. Geographical areas used for summarization of foreign longline fishing locations.

Region	NOS Chart	Window Boundaries (lat., long.)
Aleutian Islands	16012	50°00'N to 55°30'N by 172°00'W to 174°00'E
Bering Sea and Central Gulf of Alaska	16011	51°30'N to 57°00'N by 158°00'W to 172°00'W
Kodiak Island	16013	54°30'N to 59°30'N by 144°00'W to 158°00'W
Southeast Alaska	16016	55°00'N to 60°00'N by 132°00'W to 144°00'W

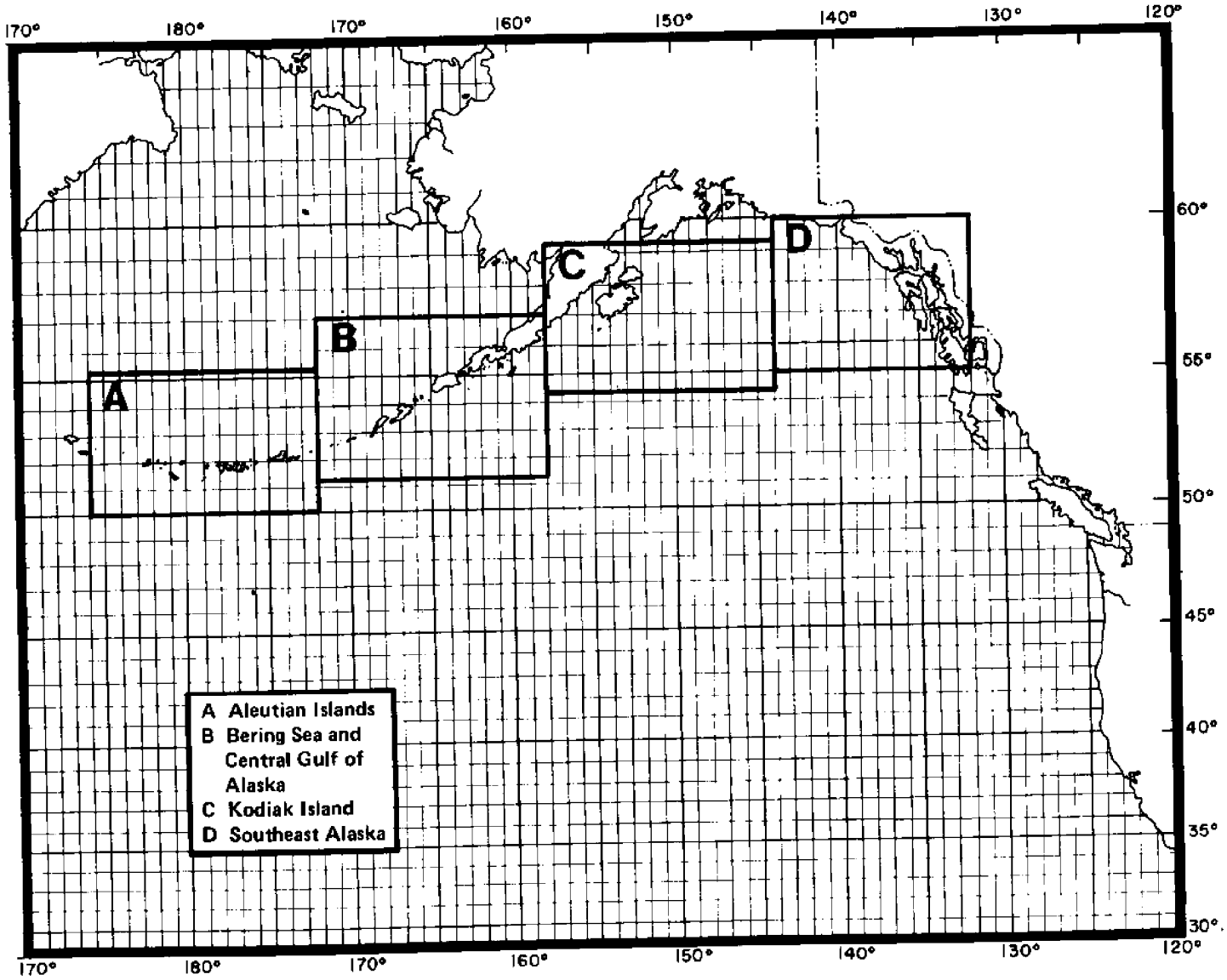

Figure 2. Summary of geographical areas used for reporting foreign longline fishing data.

Table 3. Fish species included in this analysis.

Group Name	Scientific Name or Class Definition
Sablefish	*Anoplopoma fimbria*
Pacific Cod	*Gadus macrocephalus*
Pacific Halibut	*Hippoglossus stenolepis*
Flounders	Includes all occurring pleuronectid species
Rockfish	Includes all occurring *Sebastes* and *Sebastolobus* species
"Discards"	All other species not included in the five groups above

LIMITATIONS AND USES OF THESE DATA

In order to make best use of this report, the reader must keep in mind certain limitations. Beyond those limitations of data collection and selection outlined in the "DESCRIPTION OF NMFS OBSERVER COVERAGE" section, the following must also be considered.

Factors Affecting Distribution of Fishing Effort

The geographical distribution of fishing effort by longline vessels in Alaska waters was dependent in part on the choice of target species--either sablefish, Pacific cod, or Greenland turbot--and on regulations of fishing areas established by the United States (Anon., 1979a,b). As stated earlier, vessels targeting on sablefish and Greenland turbot generally fished in deep water (greater than 270 fms); vessels targeting on Pacific cod fished in shallower water and nearer shore. The principal regulations affecting vessels fishing with longline gear were the area and time restrictions described below.

Beginning with the implementation of the FCMA on March 1, 1977, fishing by foreign longline vessels was prohibited landward of 500 m (270 fms) in the Gulf of Alaska. In 1978 the regulations on foreign fishing in the Gulf of Alaska were revised to prohibit any foreign longline fishing east of 137° W longitude. The restrictions on fishing landward of 500 m were also revised to allow foreign longliners to fish only for Pacific cod landward of 500 m, west of 157° W longitude. The 1977 foreign fishing regulations moved the eastward limit of longline fishing from 137° W to 140° W longitude, and opened the entire area west of 140° W longitude and landward of 500 m to foreign longline fishing for Pacific cod only. During both 1978 and 1979, foreign longliners were prohibited from fishing landward of 500 m in the regulated areas during the U.S. domestic Pacific halibut fishing season.

The area and time restrictions placed on foreign longline vessels fishing in the Bering Sea and Aleutian Islands regions have remained unchanged from March 1, 1977, through 1979. Foreign longliners were allowed to fish between 3 and 12 nautical miles north and south of the Aleutian chain west of 169° W longitude, except that north of the chain between 172° W and 176° W fishing was permitted only from April 1 through October 31. South of the chain between 172° W and 178°31' W longitude, fishing was also allowed only from April 1 through October 31. There have been no other area or time restrictions placed on foreign longliners in the Bering Sea and Aleutian Islands areas.

Unknown Position Accuracy

Another important limitation to the information reported is the unknown accuracy of reported fishing positions. The accuracy of the position for each set was dependent upon the captain or officers of the foreign vessel taking and then correctly reporting an accurate position to the observer. The observer had no independent means for assessing the position of the vessel.

Secondly, all data tables in this report contain Loran-C rates for each reported fishing location. It must be emphasized that these rates are only approximate, and that they were computed from the reported position. These rates should never be used for navigational purposes, but instead offer a readily understandable aid for plotting the approximate positions of successful fishing efforts.

Availability of Chart Overlays

To provide a more graphic and perhaps more convenient summary of the data listed in this report, sets of large transparent chart overlays (Table 4) have been made for the four geographical areas defined in Table 2. Each overlay is scaled to exactly fit the corresponding National Ocean Survey navigational

chart, and shows the point locations of longline sets and catch rate (in units of "pounds catch per 100 hooks") obtained at each position.

To request any of the four sets of chart overlays, which are available free of charge, please contact:

Alaska Sea Grant Program
University of Alaska
Fairbanks, Alaska 99701
(907) 479-7086.

It is hoped that fishermen entering the Alaskan bottomfish fishery will be able to use these overlays as a ready reference to fishing "hot spots."

National Ocean Survey navigation charts and chart catalogs are available from most marine supply dealers, or may be ordered from:

Distribution Division, C44
National Ocean Survey
Riverdale, Maryland 20840.

Table 4. Chart overlays of foreign longlining locations available from the Alaska Sea Grant Program.

Set I. Aleutian Islands Region -- NOS Chart 16012

Sablefish
Pacific Cod
Pacific Halibut
Flounders
Rockfish

Set II. Bering Sea and Central Gulf of Alaska Region -- NOS Chart 16011

Sablefish
Pacific Cod
Pacific Halibut
Flounders
Rockfish

Set III. Kodiak Island Region -- NOS Chart 16013

Sablefish
Pacific Cod
Pacific Halibut
Flounders
Rockfish

Set IV. Southeast Alaska Region -- NOS Chart 16016

Sablefish
Flounders
Rockfish

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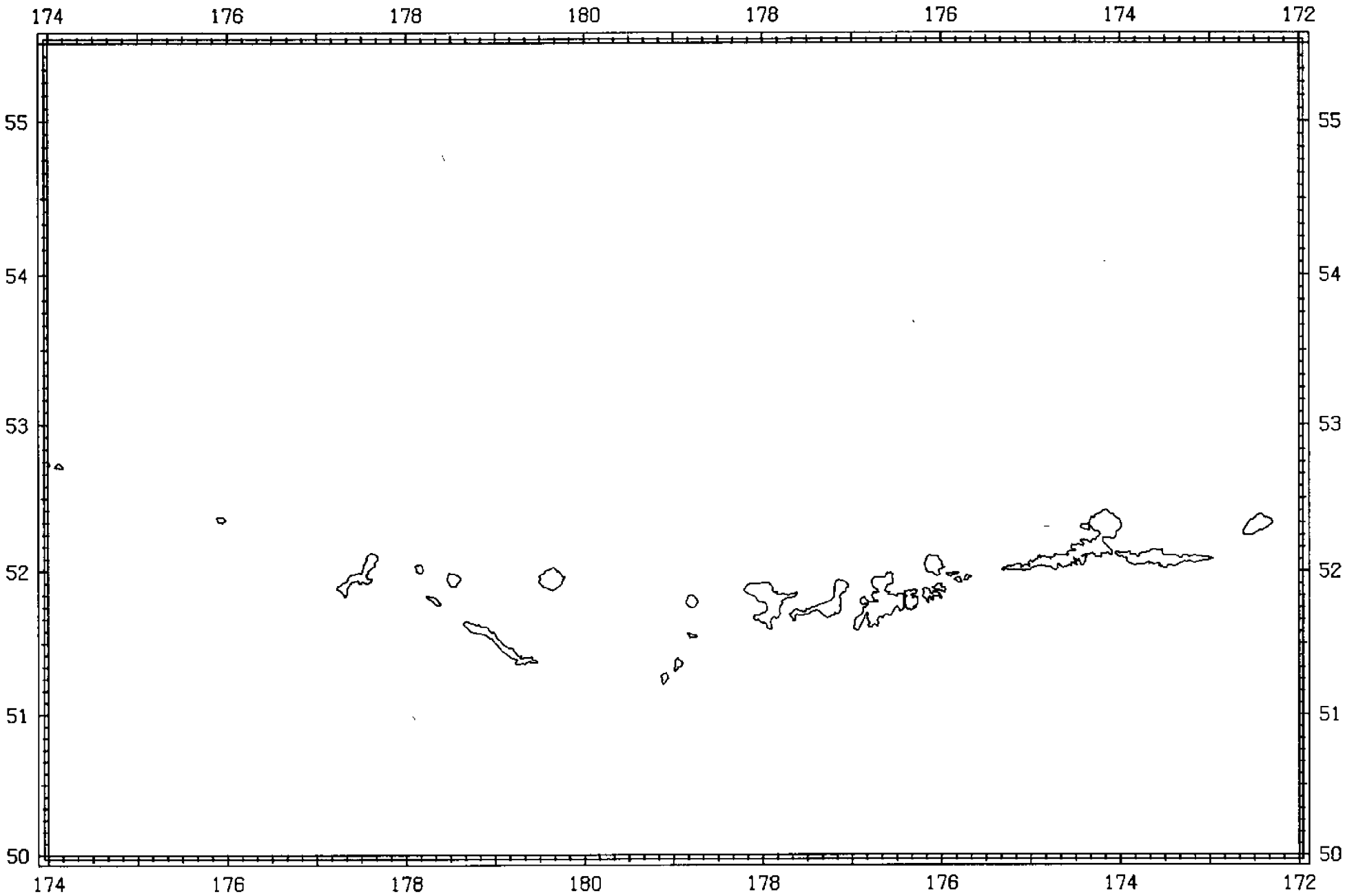


APPENDIX A. ALEUTIAN ISLANDS REGION

APPENDIX A

Productive Foreign Fishing Locations in the Aleutian Islands Region

Table		Page
A-1.	Summary of overall catch composition and average catch rates observed in the Aleutian Islands region during 1979, depths less than 270 fathoms.	24
A-2.	Summary of overall catch composition and average catch rates observed in the Aleutian Islands region during 1979, depths greater than 270 fathoms	25
A-3.	Sablefish, January-March.	26
A-4.	Sablefish, April-June	27
A-5.	Sablefish, July-September	28
A-6.	Pacific Cod, January-March	30
A-7.	Pacific Cod, April-June	30
A-8.	Pacific Cod, July-September	31
A-9.	Pacific Halibut, January-March	33
A-10.	Pacific Halibut, April-June	33
A-11.	Pacific Halibut, July-September	34
A-12.	Flounders, January-March.	36
A-13.	Flounders, April-June	37
A-14.	Flounders, July-September	39
A-15.	Rockfish, January-March	39
A-16.	Rockfish, April-June	41
A-17.	Rockfish, July-September	43
Figure		
A-1.	Sablefish, All Months, 1977-79	29
A-2.	Pacific Cod, All Months, 1977-79	32
A-3.	Pacific Halibut, All Months, 1977-79	35

APPENDIX A (Cont'd)

Productive Foreign Fishing Locations in the Aleutian Islands Region

Figure		Page
A-4.	Flounders, All Months, 1977-79	40
A-5.	Rockfish, All Months, 1977-79	44

Table A-1

SUMMARY OF OVERALL CATCH COMPOSITION AND AVERAGE CATCH RATES OBSERVED IN THE ALEUTIAN ISLANDS REGION DURING 1979, DEPTHS LESS THAN 270 FATHOMS.1/

Species	Catch Per Hook (lbs)	Proportion of Total Catch	Mean Size (lbs/fish)
Pacific Cod	0.7423	0.8085	7.36
Sablefish	0.0378	0.0411	4.38
Unidentified Sculpins	0.0212	0.0231	1.39
Greenland Turbot	0.0208	0.0227	6.54
Redstripe Rockfish	0.0128	0.0139	2.07
Pacific Halibut	0.0102	0.0111	10.04
Pectoral Rattail	0.0100	0.0109	8.06
Unidentified Skates	0.0088	0.0096	11.12
King Crab	0.0076	0.0083	2.62
Arrowtooth Flounder	0.0056	0.0061	3.63
Octopus	0.0051	0.0055	9.03
Darkblotched Rockfish	0.0050	0.0054	6.27
Shortraker Rockfish	0.0044	0.0048	5.84
Unidentified Rattails	0.0037	0.0040	6.55
Brown Irish Lord	0.0032	0.0034	1.41
Great Sculpin	0.0030	0.0032	7.33
Walleye Pollock	0.0024	0.0026	2.27
Bigmouth Sculpin	0.0023	0.0025	8.57
Rougheye Rockfish	0.0022	0.0024	2.45
Starry Skate	0.0019	0.0020	14.25
Deepsea Skate	0.0014	0.0015	8.20
Shortspine Thornyhead	0.0014	0.0015	3.56
Pacific Ocean Perch	0.0006	0.0006	1.73
Bryozoans	0.0004	0.0004	0.35

1/ Based upon observations of 15 longline sets with a total of 242,080 hooks.

Table A-2

SUMMARY OF OVERALL CATCH COMPOSITION AND AVERAGE CATCH RATES OBSERVED IN THE ALEUTIAN ISLANDS REGION DURING 1979, DEPTHS GREATER THAN 270 FATHOMS.[1]

Species	Catch Per Hook (lbs)	Proportion of Total Catch	Mean Size (lbs/fish)
Greenland Turbot	0.2804	0.3312	10.06
Unidentified Rattails	0.2194	0.2592	7.38
Sablefish	0.1663	0.1964	6.67
Pectoral Rattail	0.1165	0.1376	6.25
Shortspine Thornyhead	0.0169	0.0199	2.92
Arrowtooth Flounder	0.0105	0.0124	5.17
Pacific Halibut	0.0075	0.0088	10.77
Black Skate	0.0073	0.0086	8.56
Unidentified Skates	0.0066	0.0078	6.63
Pacific Cod	0.0026	0.0030	5.43
Deepsea Skate	0.0026	0.0030	6.55
King Crab	0.0024	0.0028	2.12
Walleye Pollock	0.0018	0.0021	7.32
Shortraker Rockfish	0.0011	0.0013	3.56
Longnose Skate	0.0009	0.0011	11.23
Darkblotched Rockfish	0.0008	0.0009	3.32
Unidentified Eelpouts	0.0006	0.0006	1.99
Starry Skate	0.0006	0.0006	7.08
Roughscale Rattail	0.0003	0.0003	3.87
Pacific Flatnose	0.0002	0.0002	0.95
Bryozoans	0.0002	0.0001	0.84
Tanner Crab	0.0001	0.0001	0.98
Dover Sole	0.0001	0.0001	4.31
Rougheye Rockfish	0.0001	0.0001	2.33

1/ Based upon observations of 68 longline sets with a total of 1,267,483 hooks.

TABLE A-3. SABLEFISH, JANUARY-MARCH

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
79 228	5222N	17302W	16117.6	35121.2	49500.1	410.	16.0	20000.	7421.	0.3711	8.08	8568.	23320.
79 313	5240N	17230W	16363.5	35129.7	49480.1	399.	11.0	14500.	3411.	0.2352	7.27	1907.	13860.
79 331	5237N	17310W	16153.8	35114.9	49557.1	416.	12.0	12600.	2869.	0.2277	6.80	7225.	16720.
79 330	5230N	17301W	16203.5	35116.7	49541.5	355.	17.5	16960.	3597.	0.2121	6.56	4034.	11440.
79 316	5221N	17300W	16122.4	35122.1	49493.2	410.	15.0	20000.	4155.	0.2077	7.74	4644.	19360.
79 3 2	5228N	17321W	16053.4	35111.6	49554.9	437.	15.0	20000.	3909.	0.1955	5.86	6733.	20240.
79 3 1	5222N	17318W	16038.7	35114.3	49532.9	394.	15.0	20000.	3654.	0.1827	5.65	6024.	18920.
79 317	5227N	17315W	16078.4	35114.7	49540.2	465.	15.0	20000.	2828.	0.1414	5.53	2718.	11660.
79 315	5223N	17314W	16063.5	35115.9	49527.5	459.	16.0	20000.	2151.	0.1075	6.46	8304.	21560.
79 328	5223N	17321W	16029.6	35112.7	49541.6	377.	10.0	16380.	1516.	0.0926	5.00	2111.	9460.
79 329	5230N	17328W	16028.1	35107.6	49573.9	410.	14.5	16960.	1426.	0.0841	6.70	1778.	12320.
79 331	5232N	17326W	16048.2	35108.1	49575.3	246.	14.0	16960.	1170.	0.0690	6.26	2835.	13640.
79 329	5224N	17322W	16026.6	35112.0	49546.2	394.	14.2	21840.	1160.	0.0531	5.92	4164.	10120.
79 329	5222N	17302W	16117.6	35121.2	49500.1	437.	14.0	18000.	927.	0.0515	6.80	9432.	20240.
79 328	5221N	17301W	16117.5	35121.7	49495.3	383.	12.0	14400.	611.	0.0425	4.34	535.	5500.
79 318	5226N	17320W	16048.5	35112.5	49547.6	427.	12.0	15000.	518.	0.0346	4.44	1661.	6600.
79 330	5222N	17312W	16068.5	35117.0	49520.8	410.	14.5	18000.	500.	0.0278	5.68	6257.	7040.
79 111	5203N	17200W	16312.7	35137.7	49306.2	90.	9.0	11000.	9.	0.0008	6.60	352.	7480.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

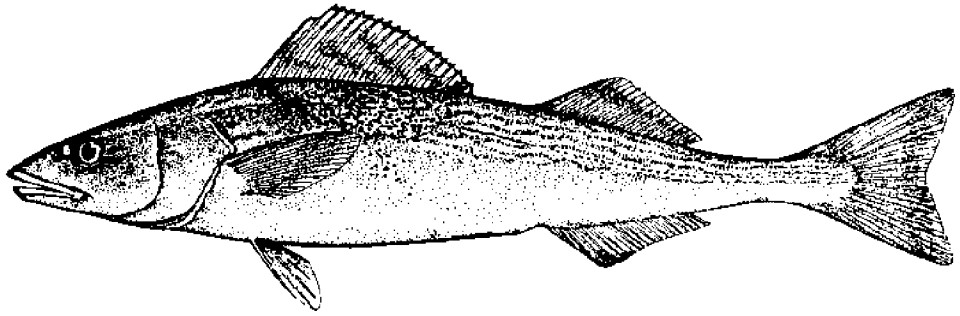


TABLE A-4. SABLEFISH, APRIL-JUNE

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
79 4 1	5218N	17250W	16155.8	35126.1	49463.6	301.	15.0	18500.	9792.	0.5293	6.27	5641.	20240.
79 6 7	5225N	17344W	15921.8	35100.2	49591.1	328.	14.5	16800.	7130.	0.4244	7.94	2289.	20240.
78 627	5210N	17540W	15224.9	35020.9	49740.7	355.	15.0	15540.	6588.	0.4239	7.19	2943.	12540.
79 6 6	5227N	17353W	15885.0	35094.2	49612.7	301.	13.6	16800.	6397.	0.3808	7.54	7945.	21120.
79 613	5226N	17335W	15972.7	35104.9	49576.7	355.	14.0	16800.	5933.	0.3532	7.56	6332.	23760.
78 621	5210N	17540W	15224.9	35020.9	49740.7	328.	17.0	15540.	5231.	0.3366	7.88	4158.	11440.
79 412	5241N	17213W	16448.1	35134.0	49443.6	383.	11.5	16960.	5563.	0.3280	7.48	7066.	21120.
79 4 1	5211N	17540W	15229.2	35020.3	49742.9	306.	13.3	16380.	5263.	0.3213	7.27	8662.	19800.
79 614	5227N	17336W	15957.2	35102.4	49586.9	328.	14.5	16800.	5310.	0.3161	7.11	7659.	23540.
79 4 2	5210N	17542W	15213.5	35019.2	49743.5	410.	14.2	16380.	5148.	0.3143	6.52	10533.	21340.
78 620	5226N	17427W	15700.3	35071.8	49668.7	383.	15.0	15540.	4676.	0.3138	7.23	798.	9240.
79 4 2	5221N	17250W	16170.8	35125.7	49471.7	355.	11.5	15725.	4910.	0.3122	6.51	873.	8800.
79 612	5232N	17332W	16017.7	35104.9	49586.8	383.	14.5	16800.	5205.	0.3098	7.97	7369.	23320.
78 626	5226N	17426W	15705.7	35072.5	49667.1	410.	17.0	15540.	4791.	0.3083	7.88	2540.	10780.
79 517	5243N	17210W	16472.6	35134.5	49442.3	383.	14.0	16800.	5151.	0.3066	7.55	5147.	19580.
79 6 5	5242N	17210W	16467.2	35134.5	49439.4	328.	14.0	16800.	4980.	0.2964	7.68	6654.	14300.
78 619	5226N	17357W	15859.3	35092.1	49617.4	355.	15.0	15540.	4407.	0.2836	7.08	2587.	10560.
79 517	5219N	17300W	16112.5	35122.4	49487.8	219.	15.1	23520.	6631.	0.2819	3.96	1173.	12320.
79 4 1	5213N	17501W	15455.5	35052.0	49691.2	383.	14.5	16960.	4765.	0.2810	5.87	2880.	13640.
79 413	5241N	17212W	16452.7	35134.2	49441.3	394.	11.5	16960.	4622.	0.2725	7.73	8857.	24200.
79 618	5212N	17459W	15462.0	35054.0	49685.8	328.	14.5	16800.	4530.	0.2697	6.91	3776.	15180.
78 624	5226N	17356W	15864.5	35092.7	49615.6	383.	15.0	15540.	4095.	0.2635	7.62	802.	9680.
79 4 2	5227N	17423W	15726.5	35074.3	49664.6	410.	15.5	16384.	4042.	0.2467	6.88	6422.	15620.
79 6 2	5240N	17233W	16349.3	35128.8	49486.8	399.	16.0	19200.	4692.	0.2444	7.26	3340.	20020.
79 5 9	5138N	17550W	15037.5	35030.4	49685.3	295.	12.0	19200.	4542.	0.2366	5.49	9863.	14960.
79 5 6	5210N	17540W	15224.9	35020.9	49740.7	372.	14.0	16800.	3505.	0.2086	5.36	13133.	22000.
79 411	5230N	17227W	16325.6	35131.6	49445.1	383.	16.0	16960.	3467.	0.2044	6.90	4440.	14080.
79 5 8	5141N	17510W	15268.9	35059.8	49631.9	328.	14.0	19200.	3764.	0.1960	6.13	12603.	16940.
78 622	5213N	17458W	15472.0	35054.3	49686.6	328.	14.0	15540.	2957.	0.1903	6.47	842.	7040.
79 414	5237N	17210W	16440.8	35134.9	49425.1	328.	16.0	15424.	2757.	0.1788	7.50	5841.	10560.
79 4 3	5226N	17341W	15942.1	35101.6	49588.1	328.	15.5	18500.	3275.	0.1770	4.98	5181.	17160.
79 615	5232N	17331W	16022.8	35105.5	49584.9	355.	14.6	16800.	2871.	0.1709	7.43	2361.	18260.
79 4 5	5216N	17451W	15523.8	35058.3	49682.9	410.	13.0	16960.	2866.	0.1690	6.54	3584.	14300.
79 4 5	5211N	17538W	15240.5	35022.1	49740.2	410.	13.0	16380.	2701.	0.1649	6.18	5862.	12760.
79 610	5219N	17329W	15968.9	35109.7	49546.9	328.	13.5	16800.	2687.	0.1600	5.52	837.	23540.
79 513	5124N	17840W	14002.3	34077.8	49857.4	328.	12.0	16800.	2529.	0.1505	5.27	9833.	12980.
79 4 4	5211N	17514W	15374.8	35042.5	49706.1	410.	12.0	13440.	1899.	0.1413	6.41	2778.	8580.
79 510	5148N	17430W	15511.8	35084.1	49581.9	284.	13.0	19200.	2585.	0.1346	7.53	12461.	15400.
79 611	5225N	17336W	15962.7	35104.6	49576.0	328.	13.0	16800.	2138.	0.1273	5.54	6866.	14300.
79 617	5226N	17355W	15869.7	35093.3	49613.8	372.	14.1	16800.	2127.	0.1266	7.17	6875.	13860.
79 511	5137N	17730W	14460.3	34939.4	49808.8	306.	12.0	19200.	2205.	0.1148	7.35	11552.	14520.
79 627	5213N	17523W	15333.5	35033.9	49723.7	342.	17.0	25200.	2857.	0.1134	6.24	2243.	9460.
79 626	5211N	17558W	15126.6	35004.0	49766.9	366.	16.8	27000.	3020.	0.1118	7.17	7372.	12540.
79 5 7	5148N	17430W	15511.8	35084.1	49581.9	355.	14.0	19200.	1961.	0.1022	7.95	17836.	19800.
79 514	5314N	17949W	13951.8	34649.8	50067.7	366.	19.3	23520.	1909.	0.0812	6.47	14786.	17820.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE A-4 (continued). SABLEFISH, APRIL-JUNE

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 6 8	5236N	17300W	16198.2	35119.5	49533.9	383.	13.7	16800.	1305.	0.0777	6.42	18211.	23100.
79 515	5136N	17717W	14533.2	34953.1	49792.4	372.	12.0	14400.	1093.	0.0759	5.85	6208.	7700.
79 629	5236N	17234W	16323.7	35129.0	49477.8	350.	18.1	27000.	2046.	0.0758	6.95	9760.	12760.
79 628	5219N	17448W	15553.9	35059.2	49685.3	366.	16.0	27000.	1846.	0.0684	7.86	1852.	9020.
79 6 3	5250N	17232W	16406.9	35127.9	49513.1	437.	17.0	19200.	1302.	0.0678	7.10	4694.	20680.
79 616	5224N	17431W	15669.3	35069.8	49670.3	82.	13.0	16800.	1135.	0.0676	5.82	1168.	11000.
79 625	5214N	17501W	15460.0	35051.5	49693.5	424.	17.0	27000.	1727.	0.0640	6.35	1235.	7920.
79 513	5235N	17951E	13668.9	34686.2	50029.2	361.	18.6	23520.	1441.	0.0613	7.40	20337.	23540.
79 512	5223N	17930E	13491.3	34676.8	50025.6	355.	17.4	23520.	1412.	0.0600	7.71	17724.	21560.
78 625	5221N	17335W	15948.3	35108.2	49563.7	383.	12.0	14800.	886.	0.0599	4.79	1319.	9900.
79 512	5122N	17840W	13996.5	34879.6	49854.1	323.	12.0	19200.	888.	0.0463	6.10	12018.	13200.
79 514	5142N	17830W	14117.5	34871.6	49878.0	339.	12.0	16800.	730.	0.0434	6.96	8952.	10780.
78 614	5231N	17232W	16307.3	35130.1	49459.3	246.	15.0	15540.	573.	0.0369	6.23	2284.	12540.
78 615	5237N	17306W	16173.7	35116.7	49549.0	328.	16.0	15540.	571.	0.0367	7.36	789.	2200.
79 624	5222N	17330W	15978.5	35108.5	49556.7	342.	17.0	27000.	748.	0.0277	5.68	1108.	7920.
79 515	5419N	17918W	14457.9	34565.4	50127.4	355.	18.0	23520.	639.	0.0272	7.91	8873.	9900.
78 623	5232N	17335W	16002.4	35103.3	49592.5	328.	11.0	14060.	200.	0.0142	5.56	118.	5060.
79 4 9	5154N	17342W	15785.5	35109.0	49508.4	109.	11.5	16960.	112.	0.0066	7.76	1369.	21780.
79 4 7	5152N	17412W	15623.3	35093.6	49559.7	98.	12.0	16960.	38.	0.0022	7.41	885.	28380.
79 6 9	5217N	17322W	15994.3	35113.5	49527.8	98.	12.5	16800.	20.	0.0012	1.87	729.	7260.
79 4 4	5208N	17538W	15227.6	35023.9	49733.6	109.	12.0	16380.	15.	0.0009	8.14	1596.	21120.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE A-5. SABLEFISH, JULY-SEPTEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
78 910	5218N	17315W	16033.9	35116.5	49516.3	350.	16.0	17220.	13771.	0.7997	5.77	4145.	30580.
78 830	5209N	17558W	15116.2	35005.3	49762.6	350.	16.0	17220.	9666.	0.5613	7.92	8661.	27940.
77 914	5212N	17523W	15329.1	35034.5	49721.4	334.	16.0	14000.	6063.	0.4331	6.64	1039.	13200.
77 912	5140N	17515W	15237.8	35056.6	49637.5	268.	10.5	14000.	5920.	0.4229	4.86	3081.	10560.
77 9 6	5212N	17516W	15365.1	35040.4	49711.3	386.	14.0	14000.	5875.	0.4197	6.24	899.	11660.
78 911	5220N	17443W	15585.7	35062.6	49679.8	334.	16.0	17220.	5352.	0.3108	7.88	566.	15180.
78 831	5211N	17516W	15363.7	35040.9	49709.0	328.	16.0	17220.	5119.	0.2973	6.44	10484.	25520.
78 829	5212N	17500W	15456.5	35053.3	49687.4	328.	16.0	17220.	5058.	0.2937	7.32	7039.	17160.
78 9 1	5232N	17332W	16017.7	35104.9	49586.8	328.	26.0	17220.	4412.	0.2562	6.88	4308.	18920.
77 911	5209N	17558W	15113.2	35005.3	49762.6	224.	11.0	14000.	2963.	0.2117	6.66	1197.	13420.
77 9 8	5226N	17340W	15947.2	35102.1	49586.2	358.	12.0	14000.	2952.	0.2108	4.89	49.	9020.
77 913	5140N	17544W	15078.7	35034.3	49681.0	312.	10.0	14000.	1873.	0.1338	6.28	620.	3300.
79 910	5220N	17331W	15963.7	35108.5	49553.4	301.	16.8	19950.	2412.	0.1209	3.68	505.	11220.
77 9 9	5221N	17436W	15628.3	35067.4	49671.1	268.	11.0	14000.	1278.	0.0913	7.86	222.	9020.
79 911	5219N	17301W	16107.6	35122.0	49489.9	355.	21.1	19950.	1522.	0.0763	6.40	7403.	14740.
79 9 9	5227N	17357W	15864.1	35091.8	49619.9	383.	16.7	19950.	1490.	0.0747	6.72	2848.	16700.
77 9 5	5218N	17447W	15554.7	35060.5	49681.4	350.	11.5	14000.	959.	0.0685	7.35	275.	8800.
77 910	5212N	17500W	15456.5	35053.3	49687.4	282.	10.0	14000.	623.	0.0445	6.07	65.	13640.
77 9 4	5221N	17327W	15988.7	35110.2	49548.2	355.	13.0	14000.	112.	0.0080	5.28	120.	5060.
78 7 1	5216N	17300W	16097.7	35122.9	49479.8	77.	14.0	15540.	32.	0.0020	4.40	1295.	15400.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

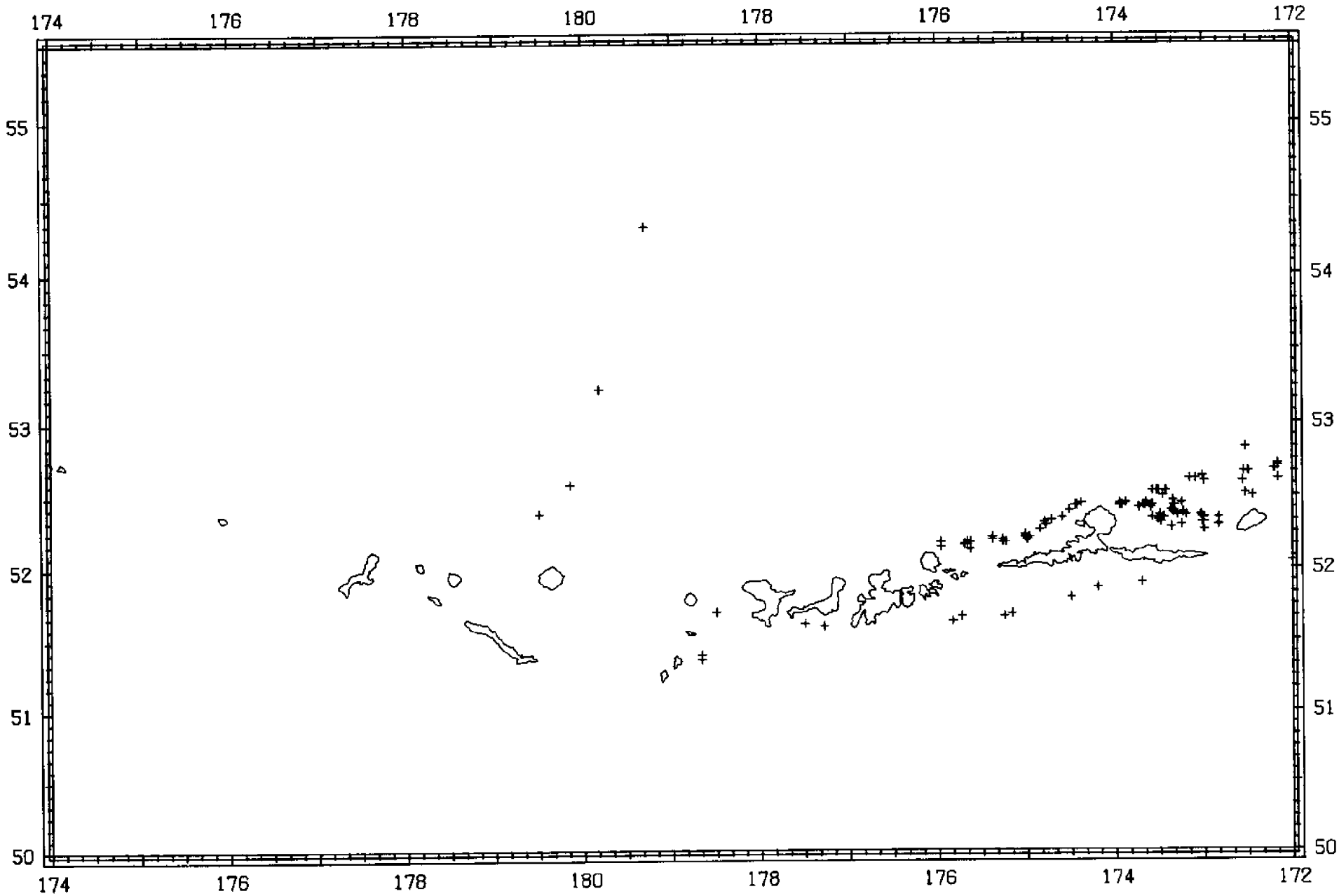


FIGURE A-1. SABLEFISH, ALL MONTHS, 1977-1979

TABLE A-6. PACIFIC COD, JANUARY-MARCH

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 111	5203N	17200W	16312.7	35137.7	49306.2	90.	9.0	11000.	7056.	0.6414	6.64	352.	7480.
79 331	5232N	17326W	16048.2	35108.1	49575.3	246.	14.0	16960.	7829.	0.4616	5.74	2835.	13640.
79 112	5203N	17201W	16308.3	35137.6	49308.7	77.	11.5	10000.	3023.	0.3023	6.60	252.	3300.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE A-7. PACIFIC COD, APRIL-JUNE

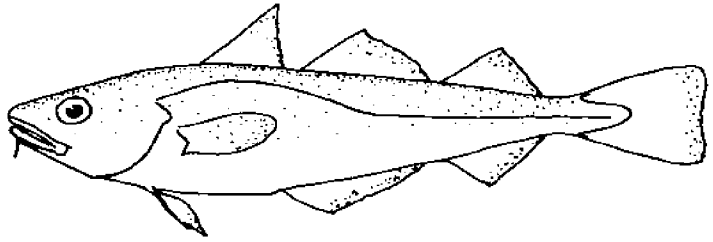
DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 4 7	5152N	17412W	15623.3	35093.6	49559.7	92.	12.0	16960.	25813.	1.5220	7.91	885.	28380.
79 4 8	5151N	17419W	15582.5	35089.8	49569.8	98.	8.0	12800.	16063.	1.2549	7.89	444.	18260.
78 628	5215N	17302W	16083.0	35122.3	49481.4	140.	13.0	14800.	17542.	1.1852	9.21	32.	17600.
79 410	5155N	17310W	15948.3	35122.3	49446.0	93.	11.5	16960.	19422.	1.1452	6.48	2565.	22000.
79 4 4	5208N	17538W	15227.6	35023.9	49733.6	109.	12.0	16380.	18294.	1.1169	6.86	1596.	21120.
79 4 9	5154N	17342W	15785.5	35109.0	49508.4	109.	11.5	16960.	18516.	1.0917	7.76	1369.	21780.
79 518	5210N	17250W	16116.4	35127.1	49442.2	93.	14.4	14400.	14690.	1.0201	9.55	939.	15840.
78 630	5214N	17300W	16087.8	35123.2	49474.4	77.	13.0	15540.	15791.	1.0161	8.94	183.	16060.
78 616	5213N	17251W	16126.3	35126.4	49452.4	88.	13.0	14800.	14823.	1.0016	6.66	1289.	16720.
78 618	5215N	17258W	16102.4	35123.8	49472.8	71.	15.0	15540.	14641.	0.9421	7.62	214.	14960.
79 4 3	5209N	17538W	15231.9	35023.3	49735.8	109.	13.0	16380.	15402.	0.9403	7.23	991.	16940.
78 629	5213N	17259W	16087.8	35123.7	49469.7	77.	13.0	15540.	13123.	0.8445	8.00	168.	13640.
79 4 3	5210N	17503W	15431.1	35051.9	49687.3	115.	11.0	16960.	13532.	0.7979	6.84	685.	14300.
78 614	5231N	17232W	16307.3	35130.1	49459.3	246.	15.0	15540.	8039.	0.5173	6.73	2284.	12540.
79 616	5224N	17431W	15669.3	35069.8	49670.3	82.	13.0	16800.	7784.	0.4634	8.32	1188.	11000.
79 6 9	5217N	17322W	15994.3	35113.5	49527.8	98.	12.5	16800.	6081.	0.3620	7.11	729.	7260.
78 617	5157N	17304W	15986.7	35124.2	49436.4	77.	14.0	14800.	5246.	0.3545	5.21	309.	6820.
79 6 4	5237N	17234W	16328.9	35128.9	49480.6	164.	15.0	19200.	5063.	0.2637	8.03	1943.	8140.
79 4 3	5226N	17341W	15942.1	35101.6	49588.1	328.	15.5	18500.	1152.	0.0623	5.12	5181.	17160.
79 4 1	5218N	17250W	16155.8	35126.1	49463.6	301.	15.0	18500.	1128.	0.0610	6.22	5641.	20240.
79 4 1	5211N	17540W	15229.2	35020.3	49742.9	306.	13.3	16380.	944.	0.0576	4.92	8662.	19800.
79 517	5219N	17300W	16112.5	35122.4	49487.8	219.	15.1	23520.	742.	0.0315	6.40	1173.	12320.
79 4 1	5213N	17501W	15455.5	35052.0	49691.2	383.	14.5	16960.	35.	0.0021	20.46	2880.	13640.
79 627	5213N	17523W	15333.5	35033.9	49723.7	342.	17.0	25200.	29.	0.0011	4.18	2243.	9460.
79 4 5	5211N	17538W	15240.5	35022.1	49740.2	410.	13.0	16380.	10.	0.0006	4.40	5862.	12760.
79 414	5237N	17210W	16440.8	35134.9	49425.1	328.	16.0	15424.	8.	0.0005	6.82	5841.	10560.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE A-8. PACIFIC COD, JULY-SEPTEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES ZX	ZY	ZZ	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
78 912	5206N	17542W	15196.5	35021.6	49734.7	197.	16.0	17220.	15652.	0.9089	6.66	2286.	19360.
78 7 1	5216N	17300W	16097.7	35122.9	49479.3	77.	14.0	15540.	13644.	0.8780	7.05	1295.	15400.
78 831	5211N	17516W	15363.7	35040.9	49709.0	320.	16.0	17220.	3840.	0.2230	6.11	10484.	25520.
78 830	5209N	17558W	15118.2	35005.3	49762.6	350.	16.0	17220.	305.	0.0177	11.07	8661.	27940.
78 829	5212N	17500W	15456.5	35053.3	49687.4	320.	16.0	17220.	130.	0.0075	5.45	7039.	17160.
78 9 1	5232N	17332W	16017.7	35104.9	49586.8	320.	26.0	17220.	105.	0.0061	1.67	4308.	18920.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***



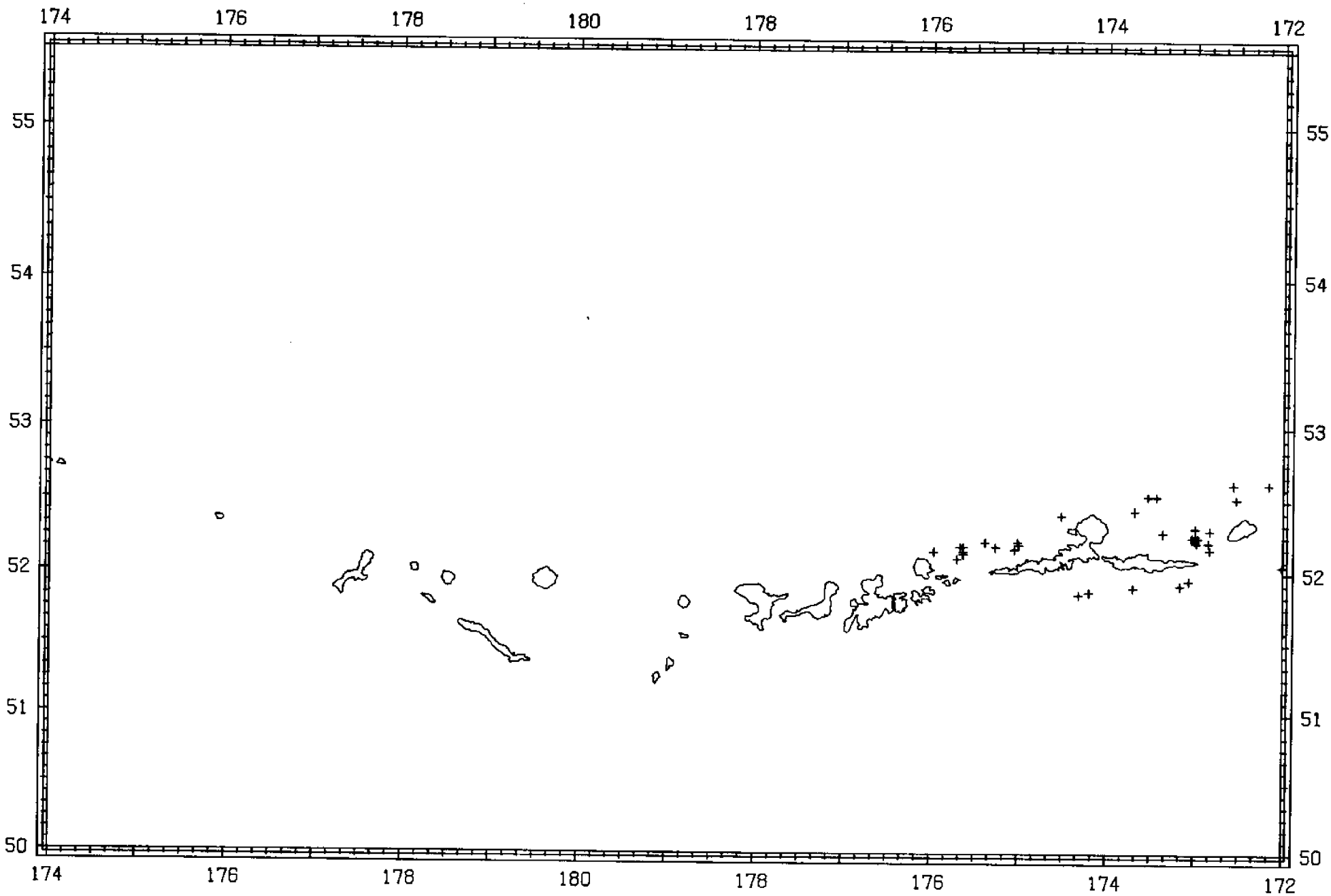


FIGURE A-2. PACIFIC COD, ALL MONTHS, 1977-1979

TABLE A-9. PACIFIC HALIBUT, JANUARY-MARCH

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES ZX	ZY	ZZ	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 112	5203N	17201W	16308.3	35137.6	49308.7	77.	11.5	10000.	18.	0.0018	1.32	252.	3300.
79 331	5232N	17326W	16048.2	35108.1	49575.3	246.	14.0	16960.	16.	0.0010	9.59	2835.	13640.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE A-10. PACIFIC HALIBUT, APRIL-JUNE

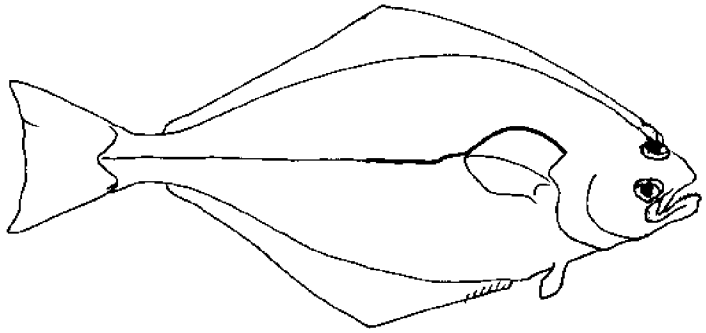
DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES ZX	ZY	ZZ	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 4 3	5226N	17341W	15942.1	35101.6	49583.1	320.	15.5	18500.	2903.	0.1569	8.23	5181.	17160.
79 4 1	5211N	17540W	15229.2	35020.3	49742.9	306.	13.3	15380.	2463.	0.1504	9.53	8662.	19800.
79 4 1	5218N	17250W	16155.8	35126.1	49463.6	301.	15.0	18500.	2241.	0.1211	12.84	5641.	20240.
78 617	5157N	17304W	15986.7	35124.2	49438.4	77.	14.0	14800.	1261.	0.0852	10.11	309.	6820.
79 4 4	5211N	17514W	15374.8	35042.5	49706.1	410.	12.0	13440.	776.	0.0577	19.76	2778.	8580.
78 616	5213N	17251W	16126.3	35126.4	49452.4	88.	13.0	14800.	608.	0.0411	10.40	1289.	16720.
79 4 8	5151N	17419W	15582.5	35089.8	49569.8	98.	6.0	12800.	468.	0.0365	10.61	444.	18260.
79 6 4	5237N	17234W	16328.9	35128.9	49480.6	164.	15.0	19200.	656.	0.0342	21.27	1943.	8140.
79 414	5237N	17210W	16440.8	35134.9	49425.1	328.	16.0	15424.	483.	0.0313	32.03	5841.	10560.
79 4 7	5152N	17412W	15623.3	35093.6	49559.7	98.	12.0	16960.	516.	0.0304	8.21	885.	28380.
79 6 9	5217N	17322W	15994.3	35113.5	49527.8	98.	12.5	16800.	430.	0.0256	10.42	729.	7260.
78 614	5231N	17232W	16307.3	35130.1	49459.3	246.	15.0	15540.	354.	0.0228	5.71	2284.	12540.
78 625	5213N	17259W	16087.8	35123.7	49469.7	77.	13.0	15540.	341.	0.0220	7.00	168.	13640.
79 4 1	5213N	17501W	15455.5	35052.0	49691.2	383.	14.5	16960.	318.	0.0188	26.69	2880.	13640.
79 518	5210N	17250W	16116.4	35127.1	49442.2	93.	14.4	14400.	149.	0.0103	4.60	939.	15840.
79 517	5219N	17300W	16112.5	35122.4	49487.8	219.	15.1	23520.	179.	0.0076	10.45	1173.	12320.
79 627	5213N	17523W	15333.5	35033.9	49723.7	342.	17.0	25200.	113.	0.0045	16.50	2243.	9460.
78 618	5215N	17258W	16102.4	35123.8	49472.8	71.	15.0	15540.	66.	0.0043	5.06	214.	14960.
79 624	5222N	17330W	15978.5	35108.5	49556.7	342.	17.0	27000.	79.	0.0029	6.60	1108.	7920.
79 625	5214N	17501W	15460.0	35051.5	49693.5	424.	17.0	27000.	76.	0.0028	11.00	1235.	7920.
78 630	5214N	17300W	16087.8	35123.2	49474.4	77.	13.0	15540.	42.	0.0027	4.84	183.	16060.
79 4 9	5154N	17342W	15785.5	35109.0	49508.4	109.	11.5	16960.	45.	0.0027	12.54	1369.	21780.
79 4 5	5216N	17451W	15523.8	35056.3	49682.9	410.	13.0	16960.	34.	0.0020	9.86	3584.	14300.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE A-11. PACIFIC HALIBUT, JULY-SEPTEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	********	********	**********	********	********	********
78 912	5206N	17542W	15196.5	35021.6	49734.7	197.	16.0	17220.	1065.	0.0619	9.41	2286.	19360.
78 7 1	5216N	17300W	16097.7	35122.9	49479.0	77.	14.0	15540.	257.	0.0166	17.47	1295.	15400.
78 829	5212N	17500W	15456.5	35053.3	49687.4	328.	16.0	17220.	98.	0.0057	16.43	7039.	17160.
77 9 9	5221N	17436W	15620.3	35067.4	49671.1	266.	11.0	14000.	30.	0.0021	9.90	222.	9020.
78 831	5211N	17516W	15363.7	35040.9	49709.0	326.	16.0	17220.	36.	0.0021	4.82	10484.	25520.
79 9 9	5227N	17357W	15864.1	35091.8	49619.9	383.	16.7	19950.	26.	0.0013	7.59	2848.	18700.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***



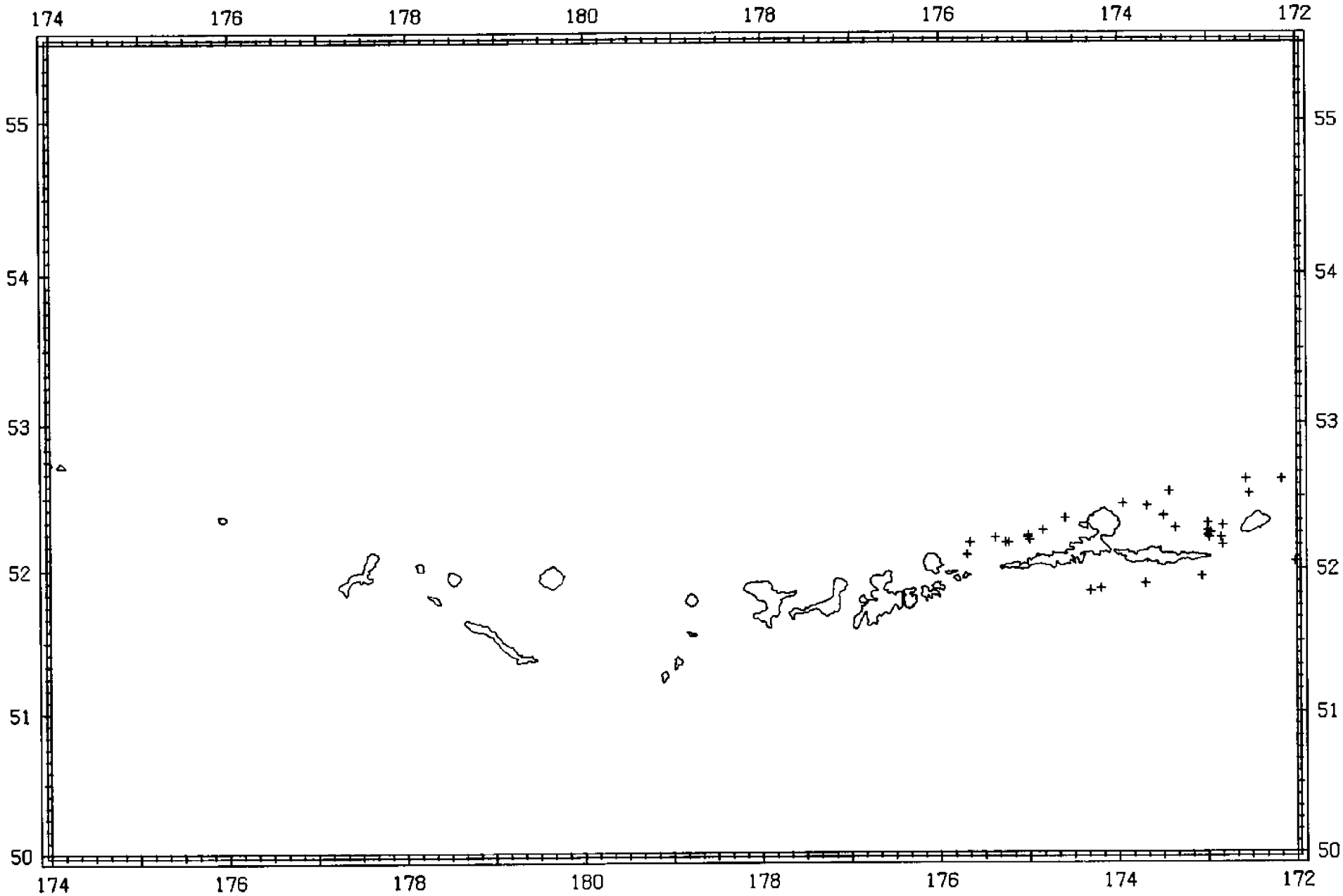


FIGURE A-3. PACIFIC HALIBUT, ALL MONTHS, 1977-1979

TABLE A-12. FLOUNDERS, JANUARY-MARCH

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
79 313	5240N	17230W	16363.5	35129.7	49480.1	399.	11.0	14500.	8470.	0.5841	8.69	1907.	13860.
79 315	5223N	17314W	16063.5	35115.9	49527.5	459.	16.0	20000.	11105.	0.5553	10.80	8304.	21560.
79 329	5222N	17302W	16117.6	35121.2	49500.1	437.	14.0	18000.	9798.	0.5444	9.48	9432.	20240.
79 316	5221N	17300W	16122.4	35122.1	49493.2	410.	15.0	20000.	10432.	0.5216	8.51	4644.	19360.
79 329	5230N	17328W	16028.1	35107.6	49573.9	410.	14.5	16960.	8715.	0.5138	9.73	1778.	12320.
79 331	5237N	17310W	16153.8	35114.9	49557.1	410.	12.0	12600.	6218.	0.4935	11.42	7225.	16720.
79 3 2	5228N	17321W	16053.4	35111.6	49554.9	437.	15.0	20000.	9568.	0.4784	10.70	6733.	20240.
79 3 1	5222N	17318W	16038.7	35114.3	49532.9	394.	15.0	20000.	8819.	0.4409	9.66	6024.	18920.
79 228	5222N	17302W	16117.6	35121.2	49500.1	410.	16.0	20000.	7271.	0.3635	10.20	8568.	23320.
79 328	5223N	17321W	16028.6	35112.7	49541.6	377.	10.0	16380.	5678.	0.3467	8.32	2111.	9460.
79 317	5227N	17315W	16078.4	35114.7	49540.2	465.	15.0	20000.	6014.	0.3007	10.34	2718.	11660.
79 328	5221N	17301W	16117.5	35121.7	49495.3	383.	12.0	14400.	4284.	0.2975	7.29	535.	5500.
79 318	5226N	17320W	16048.5	35112.5	49547.6	427.	12.0	15000.	4093.	0.2729	9.12	1661.	6600.
79 329	5224N	17322W	16026.6	35112.0	49546.2	394.	14.2	21840.	4459.	0.2042	8.14	4164.	10120.
79 330	5238N	17301W	16203.5	35118.7	49541.5	355.	17.5	16960.	3213.	0.1895	10.71	4034.	11440.
79 331	5232N	17326W	16048.2	35108.1	49575.3	246.	14.0	16960.	1604.	0.0946	9.53	2835.	13640.
79 330	5222N	17312W	16068.5	35117.0	49520.8	410.	14.5	18000.	146.	0.0081	6.22	6257.	7040.
79 112	5203N	17201W	16308.3	35137.6	49308.7	77.	11.5	10000.	7.	0.0007	0.66	252.	3300.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

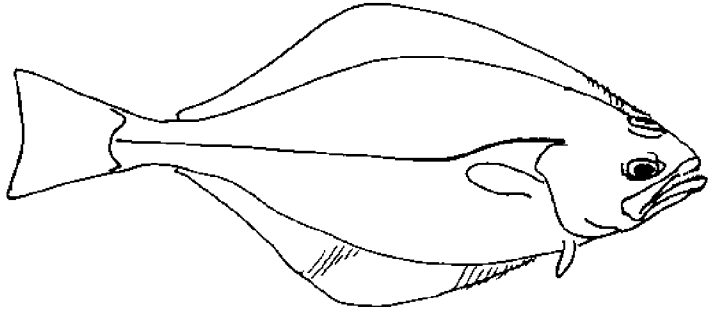


TABLE A-13. FLOUNDERS, APRIL-JUNE

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES ZX	ZY	ZZ	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
79 610	5219N	17329W	15968.9	35109.7	49546.9	328.	13.5	16800.	20015.	1.1914	9.12	837.	23540.
79 615	5232N	17331W	16022.8	35105.5	49584.9	355.	14.6	16800.	12914.	0.7687	10.84	2361.	18260.
79 6 3	5250N	17232W	16406.9	35127.9	49513.1	437.	17.0	19200.	14369.	0.7484	12.88	4694.	20680.
79 613	5226N	17335W	15972.7	35104.9	49576.7	355.	14.0	16600.	11354.	0.6758	12.87	6332.	23760.
79 612	5232N	17332W	16017.7	35104.9	49586.8	383.	14.5	16800.	10445.	0.6218	12.16	7369.	23320.
79 6 7	5225N	17344W	15921.8	35100.2	49591.1	328.	14.5	16800.	10397.	0.6188	8.12	2289.	20240.
79 6 2	5240N	17233W	16349.3	35126.8	49486.8	399.	16.0	19200.	11762.	0.6126	12.74	3340.	20020.
79 614	5227N	17339W	15957.2	35102.4	49586.9	328.	14.5	16800.	10136.	0.6033	10.05	7659.	23540.
79 413	5241N	17212W	16452.7	35134.2	49441.3	394.	11.5	16960.	10036.	0.5918	9.77	8857.	24200.
79 517	5243N	17210W	16472.6	35134.5	49442.3	383.	14.0	16800.	9132.	0.5435	8.26	5147.	19580.
78 625	5221N	17335W	15948.3	35106.2	49563.7	383.	12.0	14800.	7419.	0.5013	8.06	1319.	9900.
79 412	5241N	17213W	16448.1	35134.0	49443.6	383.	11.5	16960.	8158.	0.4810	8.60	7066.	21120.
79 4 5	5216N	17451W	15523.8	35058.3	49682.9	410.	13.0	16960.	7113.	0.4194	10.92	3584.	14300.
79 6 6	5227N	17353W	15885.0	35094.2	49612.7	301.	13.6	16800.	6701.	0.3989	9.86	7945.	21120.
79 618	5212N	17459W	15462.0	35054.0	49685.8	328.	14.5	16800.	5802.	0.3454	11.68	3776.	15180.
78 623	5232N	17335W	16002.4	35103.3	49592.5	328.	11.0	14060.	4717.	0.3355	9.66	118.	5060.
79 411	5230N	17227W	16325.6	35131.6	49445.1	383.	16.0	16960.	5607.	0.3306	8.96	4440.	14080.
79 4 2	5210N	17542W	15213.5	35019.2	49743.5	410.	14.2	16380.	5016.	0.3062	8.95	10533.	21340.
79 611	5225N	17336W	15962.7	35104.6	49576.0	328.	13.0	16800.	5021.	0.2989	11.91	6866.	14300.
79 4 1	5213N	17501W	15455.5	35052.0	49691.2	383.	14.5	16960.	5016.	0.2958	9.07	2880.	13640.
79 617	5226N	17355W	15869.7	35093.3	49613.8	372.	14.1	16800.	4784.	0.2848	12.57	6875.	13860.
78 624	5226N	17356W	15864.5	35092.7	49615.6	383.	15.0	15540.	4399.	0.2831	9.30	802.	9680.
79 5 6	5210N	17540W	15224.9	35020.9	49740.7	372.	14.0	16800.	4607.	0.2742	10.57	13133.	22000.
79 4 2	5227N	17423W	15726.5	35074.3	49664.6	410.	15.5	16384.	4437.	0.2708	9.86	6422.	15620.
79 4 5	5211N	17538W	15240.5	35022.1	49740.2	410.	13.0	16380.	3725.	0.2274	10.26	5862.	12760.
79 4 3	5226N	17341W	15942.1	35101.6	49588.1	328.	15.5	18500.	4171.	0.2255	4.90	5181.	17160.
79 624	5222N	17330W	15978.5	35108.5	49556.7	342.	17.0	27000.	5655.	0.2094	9.27	1108.	7920.
79 6 8	5236N	17300W	16196.2	35119.5	49533.9	383.	13.7	16800.	3332.	0.1983	13.19	18211.	23100.
78 619	5226N	17357W	15859.3	35092.1	49617.4	355.	15.0	15540.	3051.	0.1963	9.90	2587.	10560.
79 4 2	5221N	17250W	16170.8	35125.7	49471.7	355.	11.5	15725.	2968.	0.1887	5.44	873.	8800.
78 626	5226N	17426W	15705.7	35072.5	49667.1	410.	17.0	15540.	2932.	0.1887	12.44	2540.	10780.
79 4 4	5211N	17514W	15374.8	35042.5	49706.1	410.	12.0	13440.	2458.	0.1829	9.31	2778.	8580.
78 620	5226N	17427W	15700.3	35071.8	49668.7	383.	15.0	15540.	2792.	0.1797	11.83	798.	9240.
78 627	5210N	17540W	15224.9	35020.9	49740.7	355.	15.0	15540.	2780.	0.1789	8.76	2943.	12540.
78 622	5213N	17458W	15472.0	35054.3	49686.6	328.	14.0	15540.	2655.	0.1709	11.19	842.	7040.
79 625	5214N	17501W	15460.0	35051.5	49693.5	424.	17.0	27000.	4539.	0.1681	8.35	1235.	7920.
79 628	5219N	17448W	15553.9	35059.2	49685.3	366.	16.0	27000.	4426.	0.1639	11.72	1852.	9020.
79 627	5213N	17523W	15333.5	35033.9	49723.7	342.	17.0	25200.	3870.	0.1536	6.09	2243.	9460.
79 517	5219N	17300W	16112.5	35122.4	49487.8	219.	15.1	23520.	3521.	0.1497	4.50	1173.	12320.
79 6 5	5242N	17210W	16467.2	35134.5	49439.4	328.	14.0	16800.	2368.	0.1410	9.38	6654.	14300.
79 4 1	5211N	17540W	15229.2	35020.3	49742.9	306.	13.3	16380.	2199.	0.1343	8.40	8662.	19800.
78 621	5210N	17540W	15224.9	35020.9	49740.7	328.	17.0	15540.	1737.	0.1118	12.32	4158.	11440.
78 614	5231N	17232W	16307.3	35130.1	49459.3	246.	15.0	15540.	1270.	0.0817	9.42	2284.	12540.
79 4 1	5218N	17250W	16155.8	35126.1	49463.6	301.	15.0	18500.	1351.	0.0731	3.81	5641.	20240.
79 626	5211N	17558W	15126.6	35004.0	49766.9	366.	16.8	27000.	1892.	0.0701	10.95	7372.	12540.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE A-13 (continued). FLOUNDERS, APRIL-JUNE

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES ZX	ZY	ZZ	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 414	5237N	17210W	16440.8	35134.9	49425.1	328.	16.0	15424.	944.	0.0612	9.93	5841.	10560.
79 514	5142N	17830W	14117.5	34871.6	49878.0	339.	12.0	16800.	810.	0.0482	10.77	8952.	10780.
79 616	5224N	17431W	15669.3	35069.8	49670.3	82.	13.0	16800.	763.	0.0454	11.51	1188.	11000.
78 615	5237N	17306W	16173.7	35116.7	49549.0	328.	16.0	15540.	677.	0.0436	11.14	789.	2200.
79 513	5235N	17951E	13666.9	34686.2	50029.2	361.	18.6	23520.	1013.	0.0431	9.14	20337.	23540.
79 629	5236N	17234W	16323.7	35129.0	49477.8	350.	16.1	27000.	748.	0.0277	7.92	9760.	12760.
79 511	5137N	17730W	14460.3	34939.4	49808.8	306.	12.0	19200.	531.	0.0276	8.72	11552.	14520.
79 514	5314N	17949W	13951.8	34649.8	50067.7	366.	19.3	23520.	631.	0.0268	12.82	14786.	17820.
79 513	5124N	17840W	14002.3	34877.8	49857.4	328.	12.0	16800.	368.	0.0219	6.94	9833.	12980.
79 512	5223N	17930E	13491.3	34676.8	50025.0	355.	17.4	23520.	385.	0.0164	7.99	17724.	21560.
79 6 4	5237N	17234W	16328.9	35128.9	49480.6	164.	15.0	19200.	252.	0.0131	4.88	1943.	8140.
79 5 9	5138N	17550W	15037.5	35030.4	49685.3	295.	12.0	19200.	242.	0.0126	11.18	9863.	14960.
79 515	5136N	17717W	14533.2	34953.1	49792.4	372.	12.0	14400.	174.	0.0121	6.19	6208.	7700.
79 512	5122N	17840W	13996.5	34879.6	49854.1	323.	12.0	19200.	194.	0.0101	9.35	12018.	13200.
79 5 8	5141N	17510W	15268.9	35059.8	49631.9	328.	14.0	19200.	148.	0.0077	7.70	12603.	16940.
79 515	5419N	17918W	14457.9	34565.4	50127.4	355.	18.0	23520.	173.	0.0074	13.20	6873.	9500.
79 4 4	5208N	17538W	15227.8	35023.9	49733.6	109.	12.0	16380.	95.	0.0058	3.19	1596.	21120.
79 510	5148N	17430W	15511.8	35084.1	49581.9	284.	13.0	19200.	100.	0.0052	9.07	12461.	15400.
79 518	5210N	17250W	16116.4	35127.1	49442.2	93.	14.4	14400.	62.	0.0043	1.65	939.	15840.
79 4 3	5210N	17503W	15431.1	35051.9	49667.3	115.	11.0	16960.	71.	0.0042	1.85	685.	14300.
79 4 8	5151N	17419W	15582.5	35069.8	49569.3	98.	8.0	12800.	45.	0.0035	4.71	444.	18260.
78 630	5214N	17300W	16087.8	35123.2	49474.4	77.	13.0	15540.	44.	0.0029	1.32	183.	16060.
78 618	5215N	17258W	16102.4	35123.8	49472.8	71.	15.0	15540.	39.	0.0025	1.54	214.	14960.
79 4 7	5152N	17412W	15623.3	35093.6	49559.7	98.	12.0	16960.	39.	0.0023	3.85	885.	28380.
78 628	5215N	17302W	16083.0	35122.3	49481.4	148.	13.0	14600.	27.	0.0019	1.87	32.	17600.
79 4 3	5209N	17538W	15231.9	35023.3	49735.8	109.	13.0	16380.	12.	0.0007	1.19	951.	16940.
78 629	5213N	17259W	16087.8	35123.7	49469.7	77.	13.0	15540.	7.	0.0005	1.10	168.	13640.
79 410	5155N	17310W	15948.3	35122.3	49446.0	93.	11.5	16960.	7.	0.0004	5.06	2565.	22000.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE A-14. FLOUNDERS, JULY-SEPTEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
77 910	5212N	17500W	15456.5	35053.3	49687.4	282.	10.0	14000.	11382.	0.8130	10.67	65.	13640.
78 910	5218N	17315W	16033.9	35116.5	49516.3	350.	16.0	17220.	12587.	0.7309	8.68	4145.	30580.
79 9 9	5227N	17357W	15864.1	35091.8	49619.9	383.	16.7	19950.	13664.	0.6849	11.67	2848.	18700.
77 911	5209N	17558W	15118.2	35005.3	49762.6	224.	11.0	14000.	8227.	0.5876	10.70	1197.	13420.
78 9 1	5232N	17332W	16017.7	35104.9	49586.8	328.	26.0	17220.	9747.	0.5660	9.23	4308.	18920.
78 830	5209N	17558W	15118.2	35005.3	49762.6	350.	16.0	17220.	8532.	0.4955	10.93	8661.	27940.
78 911	5220N	17443W	15585.7	35062.6	49679.8	334.	16.0	17220.	8069.	0.4686	12.63	566.	15180.
77 9 5	5218N	17447W	15554.7	35060.5	49681.4	350.	11.5	14000.	6410.	0.4578	12.60	275.	8800.
77 9 9	5221N	17436W	15628.3	35067.4	49671.1	268.	11.0	14000.	6179.	0.4414	11.61	222.	9020.
77 9 8	5226N	17340W	15947.2	35102.1	49586.2	358.	12.0	14000.	5817.	0.4155	11.08	49.	9020.
79 910	5220N	17331W	15963.7	35108.5	49553.4	301.	16.8	19950.	8266.	0.4143	8.90	505.	11220.
77 914	5212N	17523W	15329.1	35034.5	49721.4	334.	16.0	14000.	5330.	0.3807	8.75	1039.	13200.
77 9 4	5221N	17327W	15988.7	35110.2	49548.2	355.	13.0	14000.	4828.	0.3448	11.34	120.	5060.
77 9 6	5212N	17516W	15368.1	35040.4	49711.3	386.	14.0	14000.	4558.	0.3256	12.00	899.	11660.
79 911	5219N	17301W	16107.6	35122.0	49489.9	355.	21.1	19950.	5780.	0.2897	11.57	7403.	14740.
78 831	5211N	17516W	15363.7	35040.9	49709.0	328.	16.0	17220.	4619.	0.2682	8.72	10484.	25520.
78 829	5212N	17500W	15456.5	35053.3	49687.4	328.	16.0	17220.	3601.	0.2091	11.62	7039.	17160.
77 912	5140N	17515W	15237.8	35056.6	49637.5	268.	10.5	14000.	713.	0.0509	8.32	3081.	10560.
77 913	5140N	17544W	15078.7	35034.3	49681.0	312.	10.0	14000.	572.	0.0408	7.32	620.	3300.
78 912	5206N	17542W	15196.5	35021.6	49734.7	197.	16.0	17220.	336.	0.0195	2.64	2286.	19360.
78 7 1	5216N	17300W	16097.7	35122.9	49479.8	77.	14.0	15540.	172.	0.0111	2.18	1295.	15400.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE A-15. ROCKFISH, JANUARY-MARCH

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 330	5238N	17301W	16203.5	35118.7	49541.5	355.	17.5	16960.	595.	0.0351	5.61	4034.	11440.
79 331	5237N	17310W	16153.8	35114.9	49557.1	416.	12.0	12600.	408.	0.0323	4.49	7225.	16720.
79 329	5230N	17328W	16028.1	35107.6	49573.9	410.	14.5	16960.	401.	0.0237	4.08	1778.	12320.
79 318	5226N	17320W	16048.5	35112.5	49547.6	427.	12.0	15000.	328.	0.0218	4.14	1661.	6600.
79 3 1	5222N	17318W	16038.7	35114.3	49532.9	394.	15.0	20000.	423.	0.0211	4.39	6024.	18920.
79 329	5224N	17322W	16026.6	35112.0	49546.2	394.	14.2	21840.	337.	0.0154	4.15	4164.	10120.
79 331	5232N	17326W	16046.2	35108.1	49575.3	246.	14.0	16960.	186.	0.0110	3.35	2835.	13640.
79 328	5223N	17321W	16028.6	35112.7	49541.6	377.	10.0	16380.	154.	0.0094	3.70	2111.	9460.
79 330	5222N	17312W	16068.5	35117.0	49520.8	410.	14.5	18000.	138.	0.0077	3.92	6257.	7040.
79 316	5221N	17300W	16122.4	35122.1	49493.2	410.	15.0	20000.	129.	0.0065	2.89	4644.	19360.
79 111	5203N	17200W	16312.7	35137.7	49306.2	90.	9.0	11000.	64.	0.0058	4.09	352.	7480.
79 317	5227N	17315W	16078.4	35114.7	49540.2	465.	15.0	20000.	100.	0.0050	4.62	2718.	11660.
79 313	5240N	17230W	16363.5	35129.7	49480.1	399.	11.0	14500.	72.	0.0050	3.96	1907.	13860.
79 328	5221N	17301W	16117.5	35121.7	49495.3	383.	12.0	14400.	70.	0.0048	5.94	535.	5500.
79 329	5222N	17302W	16117.6	35121.2	49500.1	437.	14.0	19000.	82.	0.0046	7.26	9432.	20240.
79 228	5222N	17302W	16117.6	35121.2	49500.1	410.	16.0	20000.	60.	0.0030	4.40	8568.	23320.
79 3 2	5228N	17321W	16053.4	35111.6	49554.9	437.	15.0	20000.	30.	0.0015	2.86	6733.	20240.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

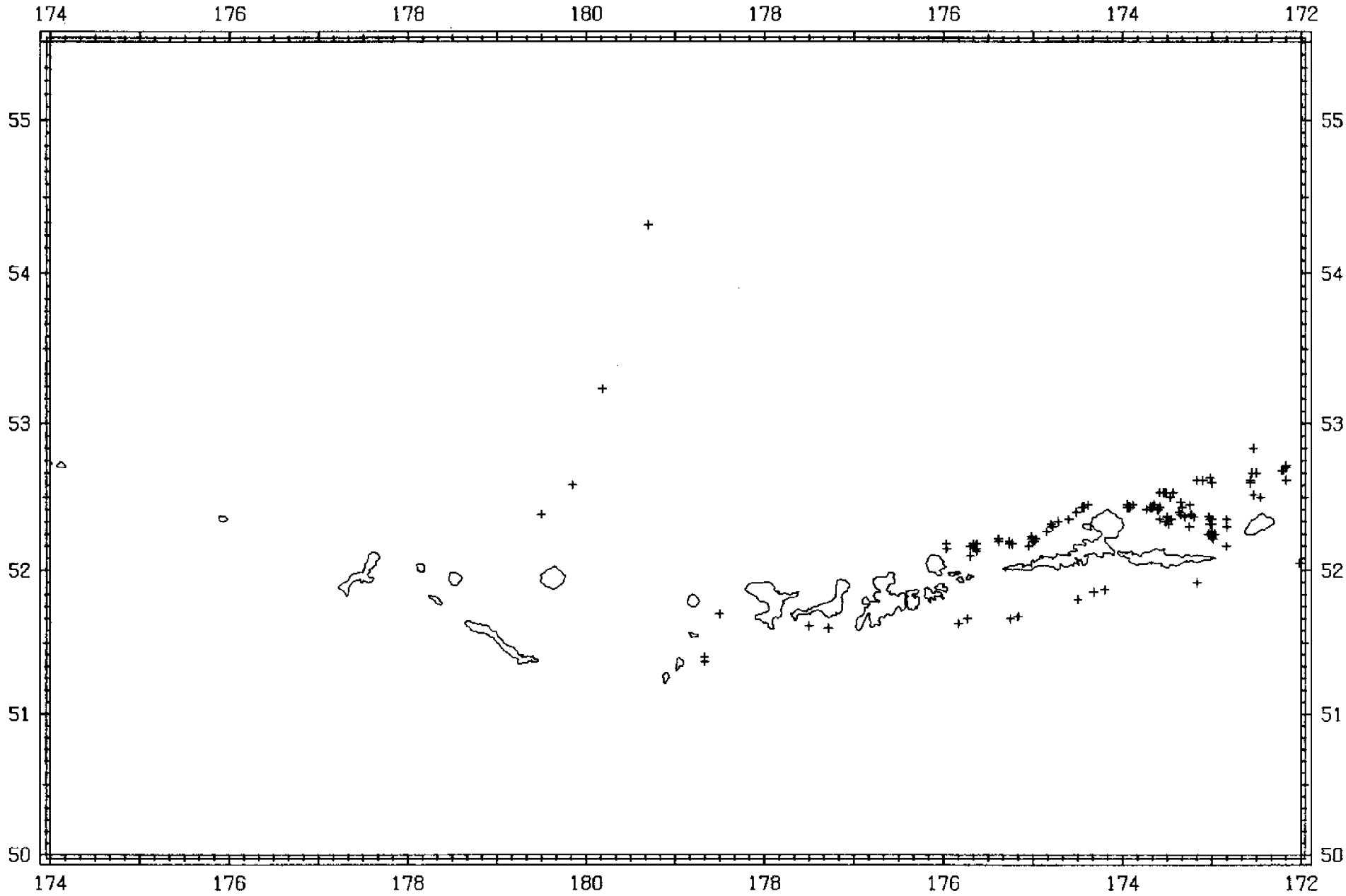


FIGURE A-4. FLOUNDERS, ALL MONTHS, 1977-1979

TABLE A-16. ROCKFISH, APRIL-JUNE

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 4 9	5154N	17342W	15785.5	35109.0	49508.4	109.	11.5	16960.	1738.	0.1025	2.58	1369.	21780.
79 4 8	5151N	17419W	15582.5	35089.8	49569.8	98.	8.0	12800.	1240.	0.0969	2.78	444.	18260.
79 512	5223N	17930E	13491.3	34676.8	50025.5	355.	17.4	23520.	2039.	0.0867	2.36	17724.	21560.
79 4 4	5208N	17538W	15227.6	35023.9	49733.6	109.	12.0	16380.	1119.	0.0683	3.41	1596.	21120.
79 4 7	5152N	17412W	15623.3	35093.6	49559.7	98.	12.0	16960.	1089.	0.0642	2.27	885.	28380.
79 618	5212N	17459W	15482.0	35054.0	49685.8	328.	14.5	16800.	1073.	0.0639	5.14	3776.	15180.
78 620	5226N	17427W	15700.3	35071.8	49668.7	383.	15.0	15540.	774.	0.0498	2.33	798.	9240.
79 4 4	5211N	17514W	15374.8	35042.5	49706.1	410.	12.0	13440.	669.	0.0497	2.82	2778.	8580.
79 5 6	5210N	17540W	15224.9	35020.9	49740.7	372.	14.0	16800.	756.	0.0450	2.24	13133.	22000.
79 4 2	5227N	17423W	15726.5	35074.3	49664.6	410.	15.5	16384.	719.	0.0439	2.69	6422.	15620.
79 4 5	5216N	17451W	15523.8	35058.3	49682.9	410.	13.0	16960.	704.	0.0415	2.26	3584.	14300.
79 413	5241N	17212W	16452.7	35134.2	49441.3	394.	11.5	16960.	685.	0.0404	4.26	8857.	24200.
79 4 2	5210N	17542W	15213.5	35019.2	49743.5	410.	14.2	16380.	643.	0.0393	2.80	10533.	21340.
78 622	5213N	17458W	15472.0	35054.3	49686.6	328.	14.0	15540.	585.	0.0377	2.70	842.	7040.
79 4 1	5213N	17501W	15455.5	35052.0	49691.2	383.	14.5	16960.	625.	0.0369	2.28	2880.	13640.
79 414	5237N	17210W	16440.8	35134.9	49425.1	328.	16.0	15424.	527.	0.0342	3.50	5841.	10560.
79 411	5230N	17227W	16325.6	35131.6	49445.1	383.	16.0	16960.	566.	0.0334	4.10	4440.	14080.
78 626	5226N	17426W	15705.7	35072.5	49667.1	410.	17.0	15540.	517.	0.0333	2.53	2540.	10780.
79 628	5219N	17448W	15553.9	35059.2	49685.3	366.	16.0	27000.	896.	0.0332	1.95	1852.	9020.
78 619	5226N	17357W	15859.3	35092.1	49617.4	355.	15.0	15540.	515.	0.0331	3.01	2587.	10560.
79 4 3	5209N	17538W	15231.9	35023.3	49735.8	109.	13.0	16380.	535.	0.0327	3.83	991.	16940.
79 513	5235N	17951E	13668.9	34686.2	50029.2	361.	18.6	23520.	750.	0.0319	2.50	20337.	23540.
79 4 5	5211N	17538W	15240.5	35022.1	49740.2	410.	13.0	16380.	462.	0.0282	2.77	5862.	12760.
79 614	5227N	17339W	15957.2	35102.4	49586.9	328.	14.5	16800.	435.	0.0259	3.59	7659.	23540.
79 4 3	5226N	17341W	15942.1	35101.6	49588.1	328.	15.5	18500.	476.	0.0258	3.68	5181.	17160.
79 6 7	5225N	17344W	15921.8	35100.2	49591.1	328.	14.5	16800.	424.	0.0253	4.34	2289.	20240.
78 624	5226N	17356W	15864.5	35092.7	49615.6	383.	15.0	15540.	384.	0.0247	2.53	802.	9680.
79 5 8	5141N	17510W	15268.9	35059.8	49631.9	328.	14.0	19200.	426.	0.0222	2.19	12603.	16940.
79 514	5314N	17949W	13951.8	34649.8	50067.7	366.	19.3	23520.	495.	0.0210	1.99	14786.	17820.
78 621	5210N	17540W	15224.9	35020.9	49740.7	328.	17.0	15540.	314.	0.0202	1.98	4158.	11440.
79 412	5241N	17213W	16448.1	35134.0	49443.6	383.	11.5	16960.	334.	0.0197	4.09	7066.	21120.
78 625	5221N	17335W	15948.3	35106.2	49563.7	383.	12.0	14800.	275.	0.0186	3.24	1319.	9900.
79 612	5232N	17332W	16017.7	35104.9	49586.8	383.	14.5	16800.	300.	0.0179	3.15	7369.	23320.
79 6 5	5242N	17210W	16467.2	35134.5	49439.4	328.	14.0	16800.	297.	0.0177	3.63	6654.	14300.
79 514	5142N	17830W	14117.5	34871.6	49878.0	339.	12.0	16800.	288.	0.0171	3.15	8952.	10780.
79 4 1	5211N	17540W	15229.2	35020.3	49742.9	306.	13.3	16380.	269.	0.0164	3.05	8662.	19800.
79 611	5225N	17336W	15962.7	35104.6	49576.0	328.	13.0	16800.	274.	0.0163	3.55	6866.	14300.
79 6 3	5250N	17232W	16406.9	35127.9	49513.1	437.	17.0	19200.	314.	0.0164	4.87	4694.	20680.
79 5 9	5138N	17550W	15037.5	35030.4	49685.3	295.	12.0	19200.	313.	0.0163	2.17	9863.	14960.
79 515	5136N	17717W	14533.2	34953.1	49792.4	372.	12.0	14400.	225.	0.0156	3.04	6208.	7700.
79 6 8	5236N	17300W	16198.2	35119.5	49533.9	383.	13.7	16800.	252.	0.0150	5.11	18211.	23100.
79 513	5124N	17840W	14002.3	34877.8	49857.4	328.	12.0	16800.	251.	0.0149	2.62	9833.	12980.
78 627	5210N	17540W	15224.9	35020.9	49740.7	355.	15.0	15540.	229.	0.0147	1.95	2943.	12540.
79 627	5213N	17523W	15333.5	35033.9	49723.7	342.	17.0	25200.	349.	0.0138	2.13	2243.	9460.
79 510	5148N	17430W	15511.8	35084.1	49581.9	284.	13.0	19200.	254.	0.0132	2.37	12461.	15400.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE A-16 (continued). ROCKFISH, APRIL-JUNE

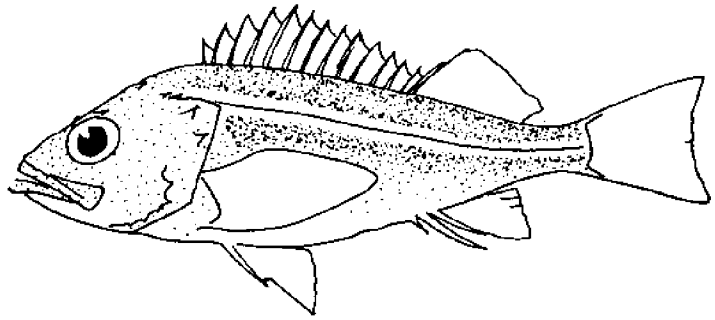
DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
79 625	5214N	17501W	15460.0	35051.5	49693.5	424.	17.0	27000.	344.	0.0127	2.59	1235.	7920.
79 624	5222N	17330W	15979.5	35108.5	49556.7	342.	17.0	27000.	330.	0.0122	2.76	1108.	7920.
79 511	5137N	17730W	14460.3	34939.4	49808.0	306.	12.0	19200.	232.	0.0121	2.06	11552.	14520.
79 6 2	5240N	17233W	16349.3	35128.9	49488.8	399.	16.0	19200.	226.	0.0117	4.22	3340.	20020.
79 6 4	5237N	17234W	16328.9	35128.9	49480.6	164.	15.0	19200.	225.	0.0117	3.11	1943.	8140.
78 615	5237N	17306W	16173.7	35118.7	49549.0	328.	16.0	15540.	164.	0.0105	3.12	789.	2200.
79 5 7	5149N	17430W	15511.8	35084.1	49581.9	355.	14.0	19200.	203.	0.0106	2.95	17636.	19800.
79 626	5211N	17558W	15126.6	35004.0	49766.9	366.	16.8	27000.	257.	0.0095	1.97	7372.	12540.
79 515	5419N	17918W	14457.9	34565.4	50127.4	355.	18.0	23520.	214.	0.0091	2.00	8873.	9900.
79 517	5243N	17210W	16472.6	35134.5	49442.3	383.	14.0	16800.	150.	0.0089	3.63	5147.	19580.
79 613	5226N	17335W	15972.7	35104.9	49576.7	355.	14.0	16800.	141.	0.0084	2.36	6332.	23760.
79 616	5224N	17431W	15669.3	35069.8	49670.3	82.	13.0	16800.	130.	0.0077	2.93	1188.	11000.
79 629	5236N	17234W	16323.7	35129.0	49477.8	350.	18.1	27000.	207.	0.0076	3.38	9760.	12760.
79 615	5232N	17331W	16022.8	35105.5	49584.9	355.	14.6	16800.	115.	0.0068	3.67	2361.	18260.
79 512	5122N	17840W	13996.5	34879.6	49854.1	323.	12.0	19200.	99.	0.0052	3.18	12018.	13200.
79 6 6	5227N	17353W	15685.0	35094.2	49612.7	301.	13.6	16800.	77.	0.0046	3.37	7945.	21120.
79 4 1	5218N	17250W	16155.8	35128.1	49463.6	301.	15.0	18500.	87.	0.0047	2.75	5641.	20240.
79 617	5226N	17355W	15569.7	35093.3	49613.0	372.	14.1	16800.	74.	0.0044	4.40	6875.	13860.
79 517	5219N	17300W	16112.5	35122.4	49487.8	219.	15.1	23520.	75.	0.0032	3.61	1173.	12320.
79 4 2	5221N	17250W	16170.8	35125.7	49471.7	355.	11.5	15725.	49.	0.0031	5.21	873.	6800.
78 623	5232N	17335W	16002.4	35103.3	49592.5	328.	11.0	14060.	25.	0.0018	3.26	118.	5060.
78 614	5231N	17232W	16307.3	35130.1	49459.3	246.	15.0	15540.	20.	0.0013	3.30	2284.	12540.
79 4 3	5210N	17503W	15431.1	35051.9	49687.3	115.	11.0	16960.	12.	0.0007	3.30	685.	14300.
78 617	5157N	17304W	15986.7	35124.2	49438.4	77.	14.0	14800.	5.	0.0003	1.32	309.	6820.
79 410	5155N	17310W	15948.3	35122.3	49446.0	93.	11.5	16960.	6.	0.0004	1.39	2565.	22000.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE A-17. ROCKFISH, JULY-SEPTEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES ZX	ZY	ZZ	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
77 910	5212N	17500W	15456.5	35053.3	49687.4	282.	10.0	14000.	1570.	0.1121	2.94	65.	13640.
77 9 9	5221N	17436W	15628.3	35067.4	49671.1	268.	11.0	14000.	1311.	0.0936	3.06	222.	9020.
77 9 5	5218N	17447W	15554.7	35060.5	49681.4	350.	11.5	14000.	1157.	0.0826	2.11	275.	8800.
78 831	5211N	17516W	15363.7	35040.9	49709.0	328.	16.0	17220.	1422.	0.0826	2.89	10484.	25520.
77 911	5209N	17558W	15118.2	35005.3	49762.6	224.	11.0	14000.	1032.	0.0737	3.00	1197.	13420.
78 829	5212N	17500W	15456.5	35053.3	49687.4	328.	16.0	17220.	1235.	0.0717	2.47	7039.	17160.
78 911	5220N	17443W	15585.7	35062.6	49679.8	334.	16.0	17220.	1192.	0.0692	1.97	566.	15180.
77 912	5140N	17515W	15237.8	35056.6	49637.5	268.	10.5	14000.	845.	0.0604	3.29	3081.	10560.
77 914	5212N	17523W	15329.1	35034.5	49721.4	334.	16.0	14000.	768.	0.0549	3.30	1039.	13200.
78 830	5209N	17558W	15118.2	35005.3	49762.6	350.	16.0	17220.	776.	0.0450	2.56	8661.	27940.
79 5 9	5227N	17357W	15864.1	35091.8	49619.9	383.	16.7	19950.	673.	0.0337	4.02	2848.	18700.
77 9 6	5212N	17516W	15368.1	35040.4	49711.3	386.	14.0	14000.	328.	0.0234	3.59	899.	11660.
78 9 1	5232N	17332W	16017.7	35104.9	49586.8	328.	26.0	17220.	348.	0.0202	5.50	4308.	18920.
77 913	5140N	17544W	15078.7	35034.3	49681.0	312.	10.0	14000.	234.	0.0167	2.54	620.	3300.
77 9 8	5226N	17340W	15947.2	35102.1	49586.2	358.	12.0	14000.	202.	0.0144	7.70	49.	9020.
78 910	5218N	17315W	16033.9	35116.5	49516.3	350.	16.0	17220.	77.	0.0045	3.63	4145.	30580.
79 910	5220N	17331W	15963.7	35108.5	49553.4	301.	16.8	19950.	37.	0.0019	3.23	505.	11220.
79 911	5219N	17301W	16107.0	35122.0	49489.9	355.	21.1	19950.	34.	0.0017	4.29	7403.	14740.
78 912	5206N	17542W	15196.5	35021.6	49734.7	197.	16.0	17220.	22.	0.0013	1.69	2286.	19360.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***



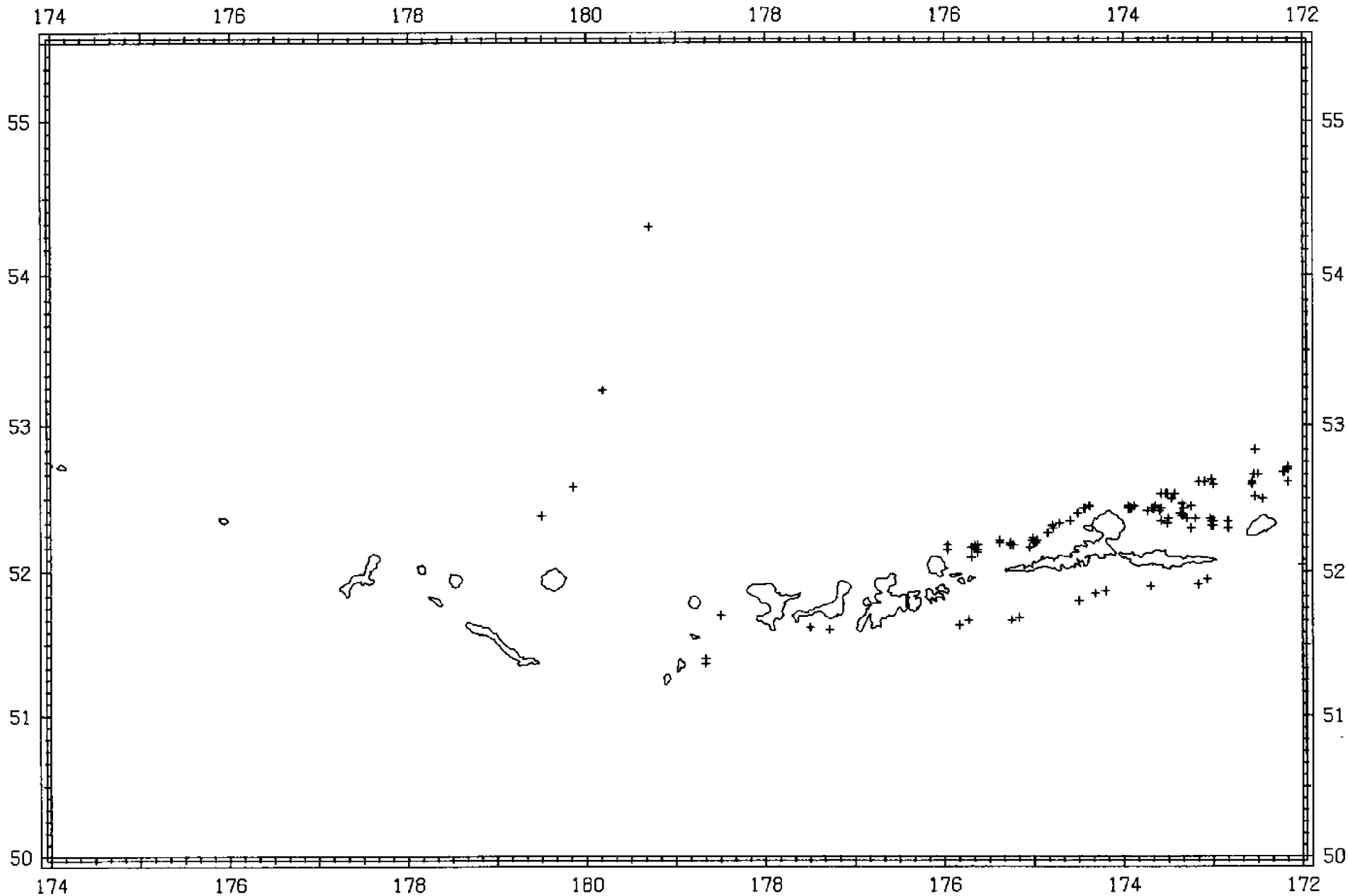
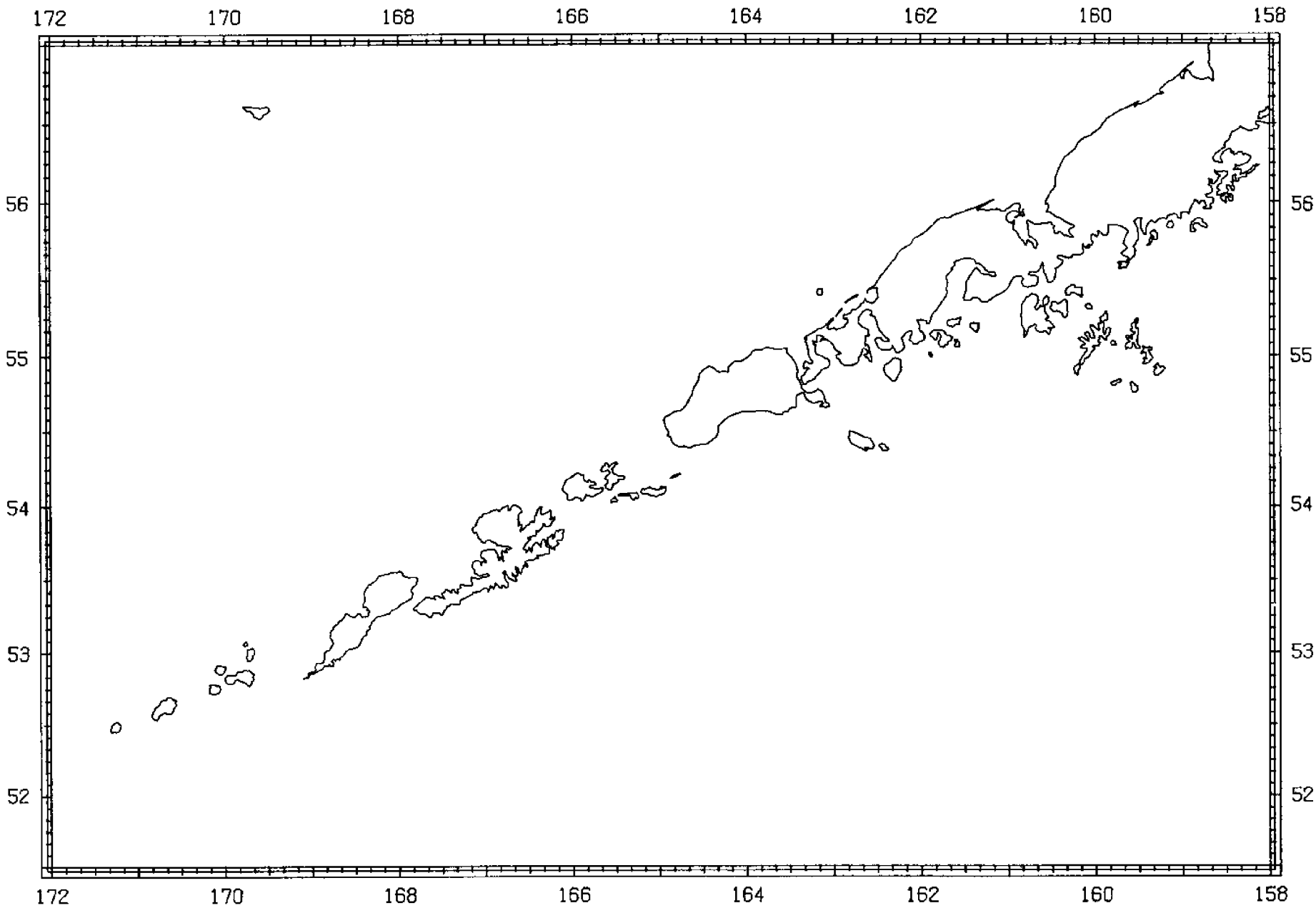


FIGURE A-5. ROCKFISH, ALL MONTHS, 1977-1979



APPENDIX B. BERING SEA AND CENTRAL GULF OF ALASKA REGION

APPENDIX B

Productive Foreign Fishing Locations in the Bering Sea and Central Gulf of Alaska Region

Table		Page
B-1.	Summary of overall catch composition and average catch rates observed in the Bering Sea and Central Gulf of Alaska region during 1979, depths less than 270 fathoms	48
B-2.	Summary of overall catch composition and average catch rates observed in the Bering Sea and Central Gulf of Alaska region during 1979, depths greater than 270 fathoms	49
B-3.	Sablefish, January-March	50
B-4.	Sablefish, April-June	53
B-5.	Sablefish, July-September	55
B-6.	Sablefish, October-December	59
B-7.	Pacific Cod, January-March	63
B-8.	Pacific Cod, April-June	67
B-9.	Pacific Cod, July-September	68
B-10.	Pacific Cod, October-December	71
B-11.	Pacific Halibut, January-March	75
B-12.	Pacific Halibut, April-June	79
B-13.	Pacific Halibut, July-September	80
B-14.	Pacific Halibut, October-December	82
B-15.	Flounders, January-March	85
B-16.	Flounders, April-June	89
B-17.	Flounders, July-September	91
B-18.	Flounders, October-December	95
B-19.	Rockfish, January-March	99
B-20.	Rockfish, April-June	101

APPENDIX B (Cont'd)

Productive Foreign Fishing Locations in the Bering Sea and Central Gulf of Alaska Region

Table		Page
B-21.	Rockfish, July-September	103
B-22.	Rockfish, October-December	106
Figure		
B-1.	Sablefish, All Months, 1977-79	62
B-2.	Pacific Cod, All Months, 1977-79	74
B-3.	Pacific Halibut, All Months, 1977-79	84
B-4.	Flounders, All Months, 1977-79	98
B-5.	Rockfish, All Months, 1977-79	108

Table B-1

SUMMARY OF OVERALL CATCH COMPOSITION AND AVERAGE CATCH RATES OBSERVED IN THE BERING SEA AND CENTRAL GULF OF ALASKA REGION DURING 1979, DEPTHS LESS THAN 270 FATHOMS.1/

Species	Catch Per Hook (lbs)	Proportion of Total Catch	Mean Size (lbs/fish)
Pacific Cod	1.1057	0.8642	6.73
Walleye Pollock	0.0277	0.0216	3.30
Pacific Halibut	0.0263	0.0205	6.73
Greenland Turbot	0.0222	0.0173	9.20
Sablefish	0.0213	0.0166	3.43
Arrowtooth Flounder	0.0142	0.0111	3.44
Unidentified Skates	0.0111	0.0086	9.85
Octopus	0.0104	0.0081	15.86
Unidentified Sculpins	0.0100	0.0078	1.13
Unidentified Rattails	0.0052	0.0040	10.01
Shortspine Thornyhead	0.0031	0.0024	1.48
Brown Irish Lord	0.0028	0.0022	1.22
Pectoral Rattail	0.0019	0.0015	5.70
Great Sculpin	0.0016	0.0012	7.81
Rougheye Rockfish	0.0014	0.0011	2.34
Black Skate	0.0011	0.0008	5.48
Redstripe Rockfish	0.0009	0.0007	2.62
Starry Skate	0.0009	0.0007	10.28
Shortraker Rockfish	0.0009	0.0007	3.07
Big Skate	0.0009	0.0007	9.95
Bering Skate	0.0009	0.0006	15.03
Deepsea Skate	0.0008	0.0006	14.65
Pacific Ocean Perch	0.0008	0.0006	4.25
Bigmouth Sculpin	0.0008	0.0005	6.31

1/ Based upon observations of 214 longline sets with a total of 3,571,868 hooks.

Table B-2

SUMMARY OF OVERALL CATCH COMPOSITION AND AVERAGE CATCH RATES OBSERVED IN THE BERING SEA AND CENTRAL GULF OF ALASKA REGION DURING 1979, DEPTHS GREATER THAN 270 FATHOMS.1/

Species	Catch Per Hook (lbs)	Proportion of Total Catch	Mean Size (lbs/fish)
Unidentified Rattails	0.2954	0.2821	7.66
Greenland Turbot	0.2664	0.2544	11.17
Sablefish	0.2089	0.1996	7.18
Pectoral Rattail	0.1636	0.1563	7.87
Arrowtooth Flounder	0.0463	0.0442	9.30
Shortspine Thornyhead	0.0306	0.0292	1.48
Unidentified Skates	0.0088	0.0083	7.72
King Crab	0.0053	0.0050	1.78
Pacific Cod	0.0040	0.0037	7.53
Shortraker Rockfish	0.0032	0.0030	4.84
Pacific Halibut	0.0024	0.0022	16.11
Tanner Crab	0.0017	0.0016	1.35
Longnose Skate	0.0009	0.0008	8.63
Dover Sole	0.0008	0.0007	2.50
Pacific Ocean Perch	0.0006	0.0005	2.64
Unidentified Eelpouts	0.0006	0.0005	2.12
Deepsea Skate	0.0006	0.0005	10.19
Yelloweye Rockfish	0.0006	0.0005	8.91
Big Skate	0.0005	0.0005	7.96
Darkblotched Rockfish	0.0005	0.0004	2.97
Roughscale Rattail	0.0005	0.0004	3.54
Rougheye Rockfish	0.0005	0.0004	2.54
Octopus	0.0004	0.0004	2.99
Redbanded Rockfish	0.0004	0.0002	3.93

1/ Based upon observations of 162 longline sets with a total of 2,954,162 hooks.

TABLE B-3. SABLEFISH, JANUARY-MARCH

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES ZX	ZY	ZZ	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 3 6	5316N	16949W	17229.3	35110.3	49135.6	437.	24.5	15120.	7800.	0.5159	8.82	2952.	20240.
79 1 6	5438N	15801W	18495.0	33622.7	45443.4	355.	20.7	13860.	6818.	0.4919	6.33	18800.	26180.
79 3 3	5312N	16953W	17192.6	35112.5	49136.9	383.	20.8	18900.	8301.	0.4392	8.99	3229.	19140.
79 214	5611N	16911W	18453.4	35043.8	49619.9	355.	15.1	15200.	6647.	0.4373	7.33	5223.	15620.
79 318	5259N	16720W	17569.5	34960.6	48495.7	492.	22.7	18900.	8071.	0.4270	7.18	20000.	29260.
79 224	5610N	16914W	18441.9	35050.9	49631.3	355.	16.5	15200.	5899.	0.3881	6.62	3083.	11220.
79 226	5313N	16953W	17198.3	35112.6	49140.0	427.	16.7	18900.	5807.	0.3072	9.60	2620.	12980.
79 219	5607N	17037W	18188.0	35138.2	49942.6	328.	16.8	15200.	4493.	0.2956	7.42	11353.	20460.
79 3 4	5312N	16919W	17307.3	35089.3	49616.5	437.	20.4	18900.	5076.	0.2686	7.42	1006.	19360.
79 3 2	5312N	16919W	17307.3	35089.3	49616.5	383.	16.8	18900.	5059.	0.2676	8.60	775.	16280.
79 326	5300N	16917W	17247.3	35088.1	48973.7	410.	19.0	16960.	4309.	0.2541	8.21	1537.	8800.
79 2 6	5600N	17011W	18229.0	35130.4	49831.0	328.	16.0	15200.	3843.	0.2528	8.16	11065.	25960.
79 318	5221N	17005W	16872.4	35117.2	49027.7	410.	17.5	15580.	3677.	0.2489	7.00	7668.	12100.
79 217	5600N	17016W	18212.2	35133.2	49847.9	328.	17.0	15200.	3714.	0.2443	6.40	10166.	22000.
78 3 1	5415N	16023W	18363.7	33999.2	46308.5	355.	18.0	13200.	3222.	0.2441	5.58	12717.	16500.
79 225	5524N	16812W	18260.3	34961.6	49153.2	383.	17.5	15960.	3126.	0.1959	5.63	6882.	15620.
79 2 1	5600N	17014W	18219.0	35132.2	49841.2	355.	16.0	15200.	2911.	0.1915	8.27	41619.	52800.
79 3 3	5311N	17001W	17156.5	35116.9	49160.8	383.	18.0	11970.	2273.	0.1899	8.77	3909.	7700.
79 3 1	5345N	16735W	17774.3	34962.0	48679.6	437.	15.5	11970.	2270.	0.1896	7.45	5465.	10120.
79 2 7	5559N	16948W	18290.6	35109.7	49740.1	301.	22.0	15200.	2843.	0.1870	6.97	16019.	27060.
79 225	5504N	16754W	18175.1	34943.4	48598.4	355.	17.5	15200.	2769.	0.1822	4.95	12993.	33880.
79 3 2	5420N	16654W	18038.9	34866.3	48568.8	410.	16.0	15960.	2725.	0.1708	5.06	9180.	15620.
79 322	5557N	17005W	18226.3	35126.1	49796.3	383.	15.0	16960.	2840.	0.1674	7.70	5231.	13860.
79 2 8	5609N	16926W	18413.0	35074.7	49686.0	227.	17.5	15200.	2476.	0.1629	7.13	4367.	20460.
79 224	5425N	16729W	18003.1	34927.8	48759.6	383.	18.0	15960.	2518.	0.1578	6.33	10966.	22000.
78 220	5425N	16709W	18039.3	34890.5	48658.5	361.	19.5	18480.	2737.	0.1481	6.32	1434.	13640.
79 225	5312N	16917W	17313.8	35087.8	49009.1	383.	18.7	19980.	2890.	0.1446	6.64	595.	18700.
79 3 7	5530N	16826W	18272.5	34985.0	49244.9	383.	16.0	20000.	2738.	0.1369	7.10	4039.	20460.
79 226	5422N	16617W	18106.3	34789.1	48377.5	410.	17.5	15960.	2146.	0.1344	5.84	5625.	12760.
79 317	5223N	17002W	16893.8	35115.9	49023.5	383.	16.0	17100.	2235.	0.1307	7.40	6174.	9900.
79 223	5300N	16724W	17565.4	34965.7	48515.8	109.	18.0	14400.	1823.	0.1266	5.25	2894.	19360.
79 216	5526N	16823W	18253.7	34982.3	49216.3	383.	16.0	15200.	1745.	0.1146	8.27	2679.	16500.
79 227	5524N	16818W	18250.3	34973.9	49184.2	355.	17.5	15200.	1700.	0.1119	5.33	3126.	16280.
79 226	5438N	16731W	18070.3	34921.2	48865.6	355.	17.2	15200.	1461.	0.0961	5.28	54131.	63140.
79 3 8	5503N	16752W	18172.8	34940.3	48985.1	437.	21.2	18900.	1815.	0.0960	5.83	15588.	20020.
79 310	5311N	16908W	17336.8	35080.3	48972.6	437.	24.7	18900.	1682.	0.0890	8.18	1028.	9460.
79 3 7	5304N	16959W	17126.2	35115.6	49132.7	273.	15.0	11988.	1048.	0.0875	9.57	7270.	16280.
79 323	5612N	17059W	18126.6	35128.9	50015.9	383.	20.0	17920.	1212.	0.0677	9.20	11611.	15620.
79 114	5459N	16715W	18208.9	34867.2	48778.4	131.	18.3	13860.	925.	0.0667	2.14	1765.	11880.
79 3 1	5300N	16910W	17269.8	35082.5	48947.9	219.	27.9	19980.	1323.	0.0662	6.66	445.	7040.
79 228	5421N	16632W	18079.2	34821.4	48455.7	150.	8.8	7600.	435.	0.0572	5.35	1913.	4400.
79 226	5233N	16930W	17058.9	35097.8	48543.4	115.	17.0	7560.	430.	0.0569	7.57	909.	20240.
79 221	5441N	16640W	18166.6	34813.9	48544.2	170.	15.5	15120.	845.	0.0559	2.95	187.	19360.
78 219	5423N	16628W	18095.1	34810.8	48438.8	339.	18.0	18480.	845.	0.0457	4.92	1157.	13860.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE B-3 (continued). SABLEFISH, JANUARY-MARCH

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES ZX	ZY	ZZ	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 1 8	5442N	16600W	18222.4	34723.2	48323.8	137.	15.5	13860.	618.	0.0446	2.86	1220.	12980.
79 1 6	5404N	16203W	18290.9	34252.5	46902.4	98.	15.0	20000.	774.	0.0387	8.80	1258.	13860.
78 218	5424N	16629W	18098.5	34611.7	48446.4	328.	18.0	18480.	674.	0.0365	4.27	1046.	12760.
79 219	5443N	16546W	18242.7	34689.1	48245.9	164.	13.3	11520.	370.	0.0321	2.33	150.	13200.
79 2 9	5606N	16930W	18364.0	35082.9	49692.3	131.	15.5	15200.	435.	0.0286	7.48	4680.	22660.
78 217	5429N	16614W	18143.9	34773.6	48375.8	290.	20.0	18480.	509.	0.0275	4.38	393.	9460.
79 131	5438N	16534W	18233.7	34669.9	48168.4	170.	16.8	15120.	375.	0.0248	2.42	1349.	21340.
79 323	5607N	16858W	18448.2	35018.9	49537.9	355.	15.3	21840.	499.	0.0229	3.72	10735.	12100.
78 221	5426N	16707W	18048.0	34885.8	48650.8	323.	18.0	18480.	400.	0.0217	4.29	1445.	4180.
79 2 8	5435N	16533W	18221.6	34672.8	48157.6	191.	16.8	15120.	319.	0.0211	2.29	928.	12760.
79 2 1	5436N	16535W	18223.8	34675.7	48170.7	175.	17.7	15120.	251.	0.0166	2.26	537.	15400.
79 2 2	5435N	16535W	18219.4	34677.4	48169.0	180.	16.6	15120.	236.	0.0156	2.75	1516.	18260.
79 2 3	5433N	16537W	18208.3	34685.3	48176.9	186.	17.8	15120.	211.	0.0140	2.56	1751.	16940.
79 315	5301N	16721W	17577.6	34961.1	48504.9	98.	19.0	17064.	225.	0.0132	8.07	448.	27940.
78 215	5441N	16552W	18227.0	34706.4	48276.5	159.	18.0	18480.	238.	0.0129	5.72	704.	23540.
78 2 4	5443N	16601W	18225.8	34723.8	48331.4	153.	17.0	15120.	190.	0.0126	4.40	3891.	24640.
79 215	5520N	16755W	18264.1	34929.7	49051.5	139.	15.0	15200.	184.	0.0121	3.14	3029.	13420.
79 213	5434N	16535W	18215.0	34679.1	48167.3	164.	17.5	15120.	175.	0.0116	2.81	790.	12760.
79 124	5500N	16723W	18202.5	34883.3	48824.1	142.	17.4	13860.	154.	0.0111	3.14	1067.	12760.
79 2 7	5434N	16540W	18209.3	34690.5	48195.7	186.	17.3	15120.	162.	0.0107	2.79	1156.	16940.
78 222	5441N	16608W	18208.2	34743.0	48367.0	175.	18.0	18480.	176.	0.0095	1.16	513.	12540.
78 2 5	5442N	16600W	18222.4	34723.2	48323.8	153.	17.0	14400.	131.	0.0091	1.91	1090.	23100.
79 116	5529N	16815W	18284.7	34963.1	49184.7	126.	16.4	13860.	124.	0.0090	2.78	1361.	11880.
78 216	5441N	16553W	18225.9	34708.7	48282.2	175.	19.0	18480.	160.	0.0087	3.08	326.	16940.
79 127	5232N	16943W	17008.8	35105.9	48585.4	94.	7.5	11500.	99.	0.0086	6.91	418.	20020.
78 226	5425N	16614W	18124.9	34779.0	48367.5	326.	19.0	18480.	155.	0.0084	3.30	693.	7040.
78 223	5444N	16606W	18224.9	34733.7	48361.7	131.	18.0	18480.	155.	0.0084	1.39	2711.	14080.
79 125	5502N	16723W	18213.1	34881.0	48829.4	126.	17.0	13860.	103.	0.0075	2.46	3360.	16940.
79 2 4	5433N	16536W	18209.5	34683.0	48171.2	180.	16.3	15120.	110.	0.0073	3.30	426.	11660.
79 3 3	5325N	16610W	17844.4	34834.3	48223.2	109.	11.0	15000.	106.	0.0071	1.38	6158.	23980.
79 211	5434N	16541W	18208.2	34692.8	48201.4	186.	18.0	15120.	105.	0.0069	2.76	777.	13420.
79 1 9	5413N	16743W	17909.3	34959.9	48794.3	137.	16.0	13860.	82.	0.0059	2.06	115.	13860.
79 128	5517N	16750W	18254.8	34922.2	49016.0	148.	15.7	13860.	78.	0.0057	2.67	1340.	13640.
79 127	5501N	16723W	18207.8	34882.1	48826.8	131.	16.7	13860.	74.	0.0054	3.12	1585.	13640.
79 117	5530N	16815W	18290.5	34962.1	49187.9	98.	16.1	13860.	72.	0.0052	2.67	871.	11880.
79 130	5440N	16533W	18243.5	34664.0	48166.0	164.	17.0	15120.	77.	0.0051	2.56	429.	11000.
79 126	5516N	16747W	18253.7	34916.8	48597.1	120.	16.7	13860.	70.	0.0050	2.86	1233.	9020.
79 2 6	5444N	16545W	18248.2	34685.0	48241.9	153.	16.8	15120.	74.	0.0049	2.57	1002.	13200.
79 212	5433N	16537W	18208.3	34685.3	48176.9	175.	18.0	15120.	73.	0.0048	2.98	739.	17380.
79 227	5233N	16929W	17062.3	35097.1	48939.9	120.	10.3	5400.	23.	0.0042	4.40	574.	8800.
79 210	5605N	16928W	18381.3	35079.9	49679.0	104.	15.8	15200.	65.	0.0043	2.37	2982.	20240.
79 210	5434N	16537W	18212.8	34683.6	48178.6	175.	17.2	15120.	58.	0.0039	2.33	990.	13200.
79 114	5232N	16946W	16998.3	35107.7	48995.5	98.	7.0	11000.	41.	0.0037	6.86	199.	15840.
79 110	5611N	17055W	18137.9	35131.8	50003.5	113.	6.0	10000.	37.	0.0037	6.89	1407.	6600.
78 2 6	5444N	16629W	18196.1	34785.7	48490.5	142.	16.0	14400.	50.	0.0035	1.10	2113.	11440.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE B-3 (continued). SABLEFISH, JANUARY-MARCH

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
79 1 2	5432N	15901W	18461.4	33769.1	45805.8	120.	17.5	13860.	46.	0.0034	3.85	18.	10560.
79 214	5433N	16540W	18204.9	34692.2	48193.9	202.	17.2	15120.	47.	0.0031	2.94	892.	20900.
78 327	5452N	16641W	18219.6	34301.2	48574.9	90.	17.0	20580.	60.	0.0029	1.42	2127.	7260.
79 119	5233N	16946W	17003.5	35107.7	48998.3	74.	7.5	11000.	32.	0.0029	7.63	608.	18700.
78 2 7	5435N	16535W	18219.4	34677.4	48169.0	148.	15.5	14400.	41.	0.0029	1.10	2355.	24420.
79 119	5500N	16721W	18205.4	34879.0	48613.4	153.	16.7	13860.	36.	0.0026	2.75	1783.	17820.
78 213	5440N	16614W	18196.1	34758.0	48398.6	175.	18.0	18480.	46.	0.0025	1.10	275.	22880.
79 2 5	5434N	16536W	18213.9	34081.4	48173.0	170.	16.5	15120.	34.	0.0023	2.50	674.	12320.
79 110	5516N	16746W	18255.2	34914.6	49991.3	126.	16.0	13860.	29.	0.0021	1.79	501.	13420.
79 316	5301N	16721W	17577.6	34961.1	48504.9	109.	20.0	20520.	40.	0.0020	3.96	893.	32560.
79 123	5529N	16819W	18278.2	34971.5	49205.5	142.	16.3	13860.	26.	0.0019	2.64	1612.	12100.
79 221	5605N	16920W	18397.6	35065.8	49641.3	115.	17.5	15200.	28.	0.0019	2.80	5057.	25960.
79 3 9	5256N	16803W	17445.3	35016.3	48673.1	98.	18.5	17100.	28.	0.0016	5.72	829.	20680.
79 120	5515N	16748W	18246.7	34920.1	48599.6	153.	18.0	13860.	23.	0.0016	2.64	949.	14300.
78 328	5449N	16614W	18236.4	34744.1	48416.9	93.	17.1	20580.	29.	0.0014	1.76	1813.	11000.
79 313	5231N	16945W	16996.5	35107.1	48989.4	109.	18.0	17100.	23.	0.0013	4.60	1876.	28600.
78 323	5448N	16613W	18234.9	34743.4	48409.3	82.	18.2	20580.	25.	0.0012	1.76	2860.	7920.
79 215	5433N	16535W	18210.6	34600.8	48165.5	175.	17.1	15120.	19.	0.0013	3.30	780.	19580.
79 314	5302N	16721W	17582.7	34960.7	48507.3	93.	17.8	20520.	27.	0.0013	8.58	916.	27060.
79 117	5232N	16947W	16994.7	35108.2	48998.9	98.	7.0	11000.	13.	0.0011	7.70	406.	11440.
79 327	5300N	16910W	17269.8	35082.5	48947.9	109.	12.0	14752.	15.	0.0010	2.36	629.	22000.
79 211	5434N	16539W	18210.5	34688.2	48190.0	180.	17.1	15120.	14.	0.0009	2.42	692.	12100.
79 116	5232N	16946W	16998.3	35107.7	48995.5	96.	9.3	11000.	10.	0.0009	7.26	289.	10340.
79 218	5433N	16541W	18203.7	34694.4	48199.6	175.	17.7	15120.	15.	0.0010	2.31	210.	13420.
79 130	5602N	17010W	18247.1	35129.9	49236.5	79.	17.5	15200.	13.	0.0008	3.52	2817.	16720.
79 118	5516N	16748W	18252.2	34919.0	49002.5	148.	16.4	13860.	12.	0.0008	3.30	1061.	16500.
79 131	5605N	17021W	18231.9	35135.7	49686.8	79.	17.5	15200.	13.	0.0009	1.43	2274.	16280.
78 322	5449N	16613W	18239.6	34741.8	48411.3	90.	17.0	20580.	16.	0.0008	1.25	1897.	9020.
79 114	5238N	16955W	16998.2	35112.8	49042.7	126.	6.5	10000.	5.	0.0005	2.20	388.	5720.
79 216	5433N	16542W	18202.6	34696.7	48205.3	180.	17.2	15120.	8.	0.0005	2.53	474.	17600.
78 321	5446N	16614W	18224.3	34748.9	48410.9	101.	16.5	20580.	9.	0.0004	1.16	280.	5940.
79 1 4	5431N	15903W	18458.4	33776.5	45818.8	93.	17.0	13860.	7.	0.0005	1.47	178.	9680.
79 2 5	5602N	17013W	18237.2	35131.7	49846.9	73.	13.0	13680.	6.	0.0004	3.30	2045.	11000.
79 2 4	5603N	17008W	18261.0	35128.6	49834.0	70.	13.2	13680.	5.	0.0004	1.32	1185.	12760.
78 325	5453N	16600W	18272.4	34704.5	48344.7	82.	19.5	20580.	6.	0.0003	1.43	2409.	8360.
79 220	5433N	16636W	18132.6	34815.5	48504.2	131.	16.4	14040.	3.	0.0002	2.20	237.	11440.
79 218	5601N	17001W	18268.0	35123.0	49799.6	77.	16.5	15200.	4.	0.0003	1.76	3293.	14960.
79 1 5	5424N	15943W	18425.6	33884.9	46064.0	98.	16.3	13860.	2.	0.0002	1.54	170.	10560.
79 320	5307N	16902W	17333.4	35075.4	48938.2	137.	11.0	15680.	2.	0.0001	1.32	618.	19360.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE B-4. SABLEFISH, APRIL-JUNE

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES ZX	ZY	ZZ	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
79 526	5218N	17118W	18569.9	35137.5	49237.4	314.	17.5	13320.	9369.	0.7034	4.91	3229.	12760.
79 525	5221N	17005W	18872.4	35117.2	49027.7	314.	18.5	20720.	14414.	0.6957	8.43	7009.	22000.
78 6 3	5335N	16511W	17986.2	34712.8	47537.5	345.	16.0	19200.	12720.	0.6629	7.74	3252.	17820.
78 6 2	5354N	16328W	18185.9	34464.9	47391.1	98.	18.5	19200.	12637.	0.6582	7.86	3751.	17380.
78 6 4	5333N	16530W	17948.8	34752.4	48034.1	361.	20.0	19200.	12068.	0.6285	7.01	86639.	100100.
79 4 5	5312N	16908W	17342.4	35080.3	48975.5	383.	10.2	10440.	5213.	0.4995	6.91	411.	10560.
79 410	5315N	16947W	17230.6	35109.0	49125.8	328.	14.0	14134.	6647.	0.4703	8.71	2746.	14740.
78 531	5404N	16140W	18306.9	34200.6	46767.2	355.	18.0	19200.	8320.	0.4333	8.30	11117.	20020.
78 415	5344N	16401W	18113.5	34554.8	47560.3	317.	16.9	22260.	8700.	0.3909	7.57	4772.	14520.
79 6 5	5307N	16934W	17229.8	35100.5	49055.6	273.	16.0	14400.	5413.	0.3759	7.93	3846.	11660.
78 416	5354N	16317W	18196.4	34440.5	47328.1	328.	17.5	22260.	7739.	0.3477	6.86	6492.	15400.
79 523	5602N	17001W	18275.3	35123.0	49804.1	355.	13.0	16800.	5136.	0.3057	7.26	3702.	21120.
79 524	5233N	16919W	17095.9	35090.2	48904.6	342.	16.6	20720.	6105.	0.2946	6.91	15235.	21560.
78 419	5332N	16530W	17944.3	34753.5	48032.4	306.	16.4	22260.	6281.	0.2822	6.41	7369.	14960.
78 611	5312N	16937W	17247.8	35102.5	49081.4	328.	16.0	15540.	3746.	0.2412	9.98	1523.	7920.
78 6 6	5340N	16430W	18062.9	34622.5	47723.8	339.	13.5	19200.	4609.	0.2401	8.18	5819.	11220.
78 612	5303N	17027W	17017.0	35128.0	49220.1	383.	17.0	16650.	3681.	0.2211	8.72	2469.	7040.
78 6 5	5314N	16623W	17767.5	34865.2	48264.6	355.	17.0	19200.	4170.	0.2172	7.54	5473.	9900.
79 610	5404N	16144W	18304.2	34209.6	46790.8	328.	16.0	19200.	4150.	0.2161	6.89	11681.	16940.
79 410	5421N	16623W	18092.7	34802.9	48407.7	405.	13.4	16360.	3450.	0.2106	5.23	4772.	18700.
79 527	5229N	17159W	18448.9	35137.0	49373.6	301.	8.2	7770.	1629.	0.2097	7.83	2998.	5280.
79 610	5605N	16836W	18465.6	34969.1	49412.1	364.	20.0	19018.	3907.	0.2054	7.92	441.	16060.
79 526	5420N	16739W	17956.2	34948.9	48794.8	437.	16.0	19200.	3490.	0.1818	6.66	5406.	22220.
78 417	5335N	16455W	18009.0	34680.8	47852.3	317.	16.5	22260.	3867.	0.1737	7.30	6101.	11000.
79 530	5321N	16902W	17411.4	35074.4	48979.6	454.	17.0	19200.	3324.	0.1731	7.33	373.	16060.
78 530	5414N	16109W	18355.7	34105.1	46502.2	328.	15.0	20160.	3451.	0.1712	5.44	17605.	21780.
79 529	5518N	16803W	18240.1	34948.7	49087.6	410.	16.0	19200.	3210.	0.1672	6.90	630.	9460.
79 411	5451N	16736W	18133.0	34919.4	48867.7	465.	12.0	16200.	2677.	0.1652	7.10	4985.	11000.
78 414	5340N	16430W	18062.9	34622.5	47723.8	320.	17.5	22260.	3659.	0.1644	7.13	7566.	11660.
79 6 1	5440N	16733W	18077.7	34923.3	48621.3	369.	19.4	20720.	3331.	0.1608	6.81	1531.	19800.
78 613	5259N	17105W	16843.7	35137.0	49320.9	355.	21.0	16650.	2651.	0.1592	7.51	2760.	7040.
79 630	5241N	17144W	18576.9	35138.0	49372.2	410.	19.0	27000.	4244.	0.1572	8.19	12184.	18920.
79 6 7	5310N	16942W	17219.5	35105.8	49092.8	246.	16.0	16800.	2609.	0.1553	7.06	3232.	10780.
79 6 2	5515N	16803W	18222.9	34951.5	49078.4	342.	17.0	20720.	2969.	0.1433	6.31	1554.	10780.
79 6 6	5506N	16752W	18189.3	34937.5	48994.1	328.	16.4	20720.	2709.	0.1307	5.16	5078.	16060.
79 614	5320N	16902W	17405.7	35074.5	48976.6	383.	18.5	20720.	2463.	0.1189	6.98	1824.	17600.
79 6 7	5603N	16833W	18457.7	34964.5	49389.2	328.	18.3	20720.	2457.	0.1186	8.23	1006.	28160.
79 531	5315N	16918W	17327.4	35088.5	49021.6	437.	16.0	19200.	2223.	0.1158	6.48	1422.	13640.
79 6 6	5259N	16913W	17257.9	35084.2	48952.4	334.	17.0	19200.	2060.	0.1073	7.71	735.	7260.
79 620	5312N	16919W	17307.3	35089.3	49016.5	355.	13.5	16800.	1792.	0.1066	8.28	964.	16060.
79 521	5507N	16755W	18190.4	34942.7	49012.6	410.	9.1	10360.	1096.	0.1059	6.49	2557.	6160.
79 615	5223N	17003W	16890.1	35116.4	49020.7	342.	22.1	19795.	2082.	0.1052	8.15	11098.	13420.
79 528	5217N	17034W	16742.2	35128.4	49107.4	320.	20.2	20720.	2046.	0.0989	5.45	5075.	7260.
79 612	5601N	16841W	18435.7	34928.4	49426.7	342.	18.2	20720.	1965.	0.0948	6.89	697.	24420.
79 6 8	5608N	16858W	18454.4	35017.9	49541.4	342.	18.3	20720.	1913.	0.0923	5.59	7811.	16720.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE B-4 (continued). SABLEFISH, APRIL-JUNE

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOURS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOUR (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 4 7	5608N	16928W	18402.0	35078.7	49691.3	326.	14.5	18500.	1646.	0.0890	7.52	2176.	5060.
79 611	5421N	15937W	18421.0	33860.6	46631.2	328.	17.0	19200.	1646.	0.0857	7.76	23206.	26180.
79 413	5420N	16700W	18020.7	34877.9	48599.7	410.	12.3	16380.	1375.	0.0839	4.62	14303.	16720.
79 616	5424N	16703W	18044.4	34879.9	48625.2	301.	10.0	10360.	849.	0.0819	3.48	872.	2200.
79 413	5426N	16716W	18032.3	34903.0	48696.3	410.	16.0	17575.	1425.	0.0811	6.74	5754.	20240.
79 523	5312N	16917W	17313.8	35087.0	49009.1	388.	15.0	19200.	1423.	0.0741	5.61	390.	14740.
79 529	5302N	17029W	17003.7	35128.7	49223.3	301.	10.2	2960.	155.	0.0523	10.45	534.	880.
79 411	5420N	16634W	18071.2	34826.6	48464.0	427.	14.0	20475.	1059.	0.0517	4.99	85147.	92840.
79 5 4	5604N	17048W	18118.0	35136.3	49957.5	437.	18.3	23520.	1215.	0.0516	7.18	8462.	12760.
79 6 3	5528N	16827W	18258.7	34988.6	49243.3	342.	20.2	20720.	1027.	0.0496	7.43	272.	11880.
79 6 9	5603N	16833W	18457.7	34964.5	49389.2	355.	20.3	20720.	1010.	0.0487	8.62	1888.	17600.
79 4 6	5313N	16916W	17322.6	35086.9	49006.4	372.	13.5	18130.	842.	0.0465	7.14	1028.	10780.
79 5 5	5617N	17123W	18040.8	35101.8	50075.4	328.	17.4	23520.	903.	0.0384	8.25	5736.	16280.
79 524	5309N	16941W	17217.3	35105.2	49086.3	410.	16.0	19200.	527.	0.0274	8.85	3547.	5280.
79 531	5454N	16658W	18207.0	34836.3	48673.3	148.	14.4	20720.	501.	0.0242	2.15	1076.	16280.
79 6 8	5533N	16833W	18278.6	34996.6	49290.6	372.	16.0	19200.	424.	0.0221	7.14	295.	18040.
79 525	5259N	16911W	17261.1	35083.4	48948.7	328.	16.0	19200.	422.	0.0220	7.38	1101.	12320.
79 612	5437N	15830W	18483.4	33686.9	45815.4	98.	14.0	19200.	402.	0.0209	1.58	1766.	15180.
79 522	5517N	16753W	18250.2	34928.6	49032.0	164.	9.1	10360.	195.	0.0198	3.02	1776.	12760.
79 530	5605N	16854W	18441.7	35012.0	49509.8	328.	14.0	16800.	310.	0.0185	5.54	2797.	10780.
79 527	5420N	16642W	18058.6	34842.6	48506.2	399.	16.0	19200.	340.	0.0177	6.12	1414.	16500.
79 412	5444N	16618W	18210.0	34761.0	48429.2	98.	12.0	18330.	308.	0.0168	1.99	756.	12760.
79 530	5500N	16720W	18206.9	34876.9	48800.0	159.	14.5	20720.	267.	0.0129	2.97	1356.	17820.
79 412	5515N	16745W	18251.2	34913.6	48983.5	260.	15.5	18500.	218.	0.0118	3.76	4799.	13860.
79 617	5457N	16700W	18219.5	34836.8	48691.6	115.	15.1	20720.	225.	0.0109	2.94	1345.	23320.
79 531	5627N	17129W	18072.1	35080.5	50115.6	328.	13.5	16800.	150.	0.0089	5.12	490.	23100.
79 618	5457N	16709W	18207.0	34856.6	48740.7	115.	16.0	20720.	124.	0.0060	2.81	875.	31460.
79 5 2	5423N	16004W	18413.6	33934.2	46190.0	93.	17.5	23520.	138.	0.0058	3.96	925.	23320.
79 522	5617N	16947W	18423.4	35106.1	49815.3	98.	13.0	16800.	40.	0.0024	2.20	4868.	17160.
78 4 4	5446N	16527W	18275.4	34638.7	48141.1	101.	15.5	20580.	44.	0.0022	1.24	2221.	8800.
79 522	5522N	16756W	18273.8	34929.6	49062.8	109.	16.1	20720.	10.	0.0005	3.08	2598.	16500.
79 5 3	5418N	16030W	18398.0	34006.4	46346.3	93.	14.0	16800.	5.	0.0003	1.32	342.	16940.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE B-5. SABLEFISH, JULY-SEPTEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	********	*********	**********	*********	********	********
77 917	5402N	16234W	18261.1	34327.2	47083.5	369.	11.3	14000.	14697.	1.0498	6.71	1469.	17160.
78 823	5408N	16124W	18329.3	34154.5	46672.5	345.	16.0	17220.	16869.	0.9796	7.95	20674.	38940.
77 925	5410N	16124W	18335.2	34149.4	46672.1	446.	12.5	14000.	13296.	0.9497	6.85	6701.	21340.
77 918	5407N	16128W	18325.1	34161.6	46684.5	391.	12.0	14000.	13221.	0.9444	6.14	3034.	17600.
78 826	5302N	16712W	17603.9	34948.1	48467.1	301.	18.0	17220.	13258.	0.7699	8.09	31025.	45760.
77 919	5403N	16150W	18297.0	34225.5	46826.0	339.	11.0	14000.	10480.	0.7486	8.17	5897.	16940.
78 822	5415N	16040W	18374.7	34037.1	46409.4	350.	15.0	17220.	12558.	0.7293	7.97	19961.	34540.
79 718	5404N	16200W	18293.1	34245.7	46884.8	295.	16.2	18400.	13131.	0.7136	8.38	7291.	22440.
79 818	5404N	16217W	18280.7	34284.1	46984.5	328.	16.0	12600.	8703.	0.6907	6.19	3039.	12980.
77 924	5357N	16244W	18236.2	34360.6	47139.7	448.	11.5	14000.	8954.	0.6396	8.24	5795.	16500.
78 825	5307N	16643W	17692.9	34902.2	48345.1	328.	18.0	17220.	10723.	0.6227	7.55	31259.	43780.
78 916	5424N	15919W	18435.9	33832.5	45921.6	347.	16.0	15990.	9590.	0.5998	7.22	9708.	21560.
79 9 1	5300N	16713W	17591.5	34550.4	48466.9	410.	15.0	21280.	12510.	0.5879	7.25	36713.	50380.
79 922	5403N	16205W	18286.3	34259.3	46914.0	427.	13.1	16800.	9607.	0.5718	7.48	19529.	29700.
78 824	5401N	16300W	18236.4	34388.1	47234.4	328.	16.0	17220.	9333.	0.5420	7.91	35797.	48840.
79 7 8	5434N	15827W	18478.1	33690.1	45802.1	383.	18.0	16800.	9101.	0.5418	8.54	11203.	22440.
79 717	5400N	16250W	18241.4	34367.7	47175.8	295.	18.0	17480.	9089.	0.5200	7.30	5622.	16720.
77 922	5403N	16237W	18262.1	34331.7	47101.3	336.	11.5	14000.	6767.	0.4833	7.18	4303.	14080.
77 929	5403N	16143W	18301.8	34209.7	46784.9	396.	12.0	14000.	6462.	0.4616	7.42	4266.	12100.
78 712	5422N	16012W	18407.3	33954.9	46238.4	88.	16.1	23200.	10702.	0.4613	6.52	480.	12100.
77 920	5412N	16055W	18358.2	34078.9	46499.7	432.	12.0	14000.	6404.	0.4574	6.64	8650.	16720.
78 828	5437N	15805W	18491.7	33634.3	45468.4	301.	16.0	19200.	8776.	0.4571	6.72	19522.	29260.
79 7 4	5415N	16019W	18385.8	33990.3	46284.8	355.	16.5	17480.	7864.	0.4499	7.65	11965.	20240.
79 818	5407N	16215W	18291.8	34272.8	46973.4	301.	17.5	14400.	6355.	0.4413	7.22	4846.	13640.
79 728	5404N	16203W	18290.9	34252.5	46902.4	279.	16.5	21280.	9383.	0.4409	8.96	7835.	21560.
79 831	5306N	16651W	17670.9	34915.1	48380.2	410.	14.4	21280.	9247.	0.4345	7.28	17132.	27500.
79 9 8	5402N	16243W	18253.9	34347.5	47136.0	328.	15.0	21280.	9227.	0.4336	7.82	12925.	25080.
79 820	5311N	16637W	17724.9	34890.2	48325.4	328.	16.0	12600.	4854.	0.3852	5.77	5539.	11660.
79 9 2	5256N	16733W	17523.1	34979.1	48545.6	355.	13.0	14440.	5544.	0.3840	8.22	13857.	20020.
79 8 9	5400N	16303W	18230.3	34396.9	47251.2	306.	16.5	21280.	8137.	0.3824	8.44	9832.	19140.
79 815	5436N	15827W	18482.3	33683.8	45599.2	383.	17.5	14400.	5429.	0.3770	8.08	7658.	13640.
78 9 7	5558N	16946W	18280.8	35107.5	49727.6	394.	15.0	17220.	6446.	0.3743	7.49	8707.	31020.
79 814	5427N	15902W	18449.8	33786.6	45817.7	355.	17.0	14400.	5208.	0.3617	8.29	8055.	14080.
79 9 6	5403N	16200W	18289.9	34248.0	46684.7	372.	15.5	21280.	7666.	0.3602	7.75	26083.	36300.
79 7 2	5440N	15800W	18499.3	33614.1	45434.2	328.	16.5	18400.	6525.	0.3546	6.85	17936.	24860.
79 711	5421N	15931W	18423.7	33867.5	45995.7	388.	18.0	16300.	5885.	0.3503	7.31	16925.	24420.
79 9 7	5403N	16237W	18262.1	34331.7	47101.3	328.	15.5	21280.	7386.	0.3471	7.47	9684.	21780.
79 821	5401N	16240W	18255.0	34342.9	47118.1	306.	15.0	21280.	7346.	0.3452	7.71	23216.	32340.
79 725	5359N	16303W	18226.8	34399.0	47250.7	328.	16.5	21280.	7251.	0.3408	8.33	10942.	20900.
79 8 5	5428N	15902W	18452.0	33783.6	45816.5	410.	16.5	21280.	7207.	0.3387	6.48	23354.	32340.
79 920	5437N	15830W	18483.4	33686.9	45615.4	109.	11.6	16800.	5554.	0.3306	2.49	934.	16940.
79 816	5422N	15923W	18429.5	33847.1	45947.4	328.	17.0	14400.	4633.	0.3218	8.25	7257.	12760.
79 828	5319N	16603W	17828.9	34827.0	48176.6	383.	14.5	21280.	6801.	0.3196	6.86	3023.	10340.
79 831	5440N	15803W	18498.4	33620.4	45451.8	383.	16.3	19950.	6348.	0.3182	7.62	9271.	16500.
77 930	5424N	15915W	18437.6	33823.8	45896.0	396.	15.0	18480.	5855.	0.3168	7.99	6153.	12760.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE B-5 (continued). SABLEFISH, JULY-SEPTEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	********	********	**********	*********	********	********
79 727	5404N	16203W	18290.9	34252.5	46502.4	279.	16.0	21280.	6550.	0.3078	8.61	7376.	17380.
79 730	5312N	16638W	17727.7	34891.2	48332.3	301.	16.5	21280.	6363.	0.2990	8.47	6143.	13200.
77 921	5409N	16128W	18325.7	34161.0	46696.0	339.	11.0	14000.	4134.	0.2953	6.46	2909.	8580.
79 8 8	5416N	16118W	18356.2	34120.2	46635.3	284.	15.5	21280.	6246.	0.2935	5.90	16342.	25080.
77 926	5420N	15935W	18419.5	33879.1	46020.3	388.	17.3	14000.	4066.	0.2904	6.40	1343.	6380.
79 7 5	5415N	16042W	18373.6	34041.6	46421.3	355.	17.4	18400.	5200.	0.2826	7.17	14944.	20460.
79 7 2	5310N	16630W	17734.3	34879.5	48290.0	306.	17.9	27000.	7556.	0.2798	8.58	22333.	30140.
79 8 6	5423N	15924W	18431.5	33848.3	45552.3	383.	16.0	21280.	5800.	0.2763	6.99	13312.	22000.
78 829	5425N	15900W	18446.1	33788.4	45808.4	334.	18.0	19200.	5298.	0.2759	6.42	41596.	48620.
79 724	5408N	16218W	18292.8	34277.0	46991.3	383.	16.5	21280.	5873.	0.2760	6.79	11803.	19360.
79 830	5309N	16634W	17721.3	34888.7	48306.9	306.	16.0	21280.	5756.	0.2724	5.43	4514.	12320.
79 722	5414N	16046W	18368.7	34053.3	46445.5	410.	16.5	21280.	5542.	0.2604	5.88	22670.	30360.
79 912	5213N	17042W	16690.4	35130.7	49120.4	355.	21.1	19437.	5046.	0.2596	7.21	16744.	22880.
79 7 3	5304N	16655W	17652.3	34922.2	48394.2	301.	17.0	27000.	6746.	0.2499	8.06	15283.	23320.
79 723	5428N	15901W	18452.4	33781.4	45810.6	301.	16.5	21280.	4786.	0.2249	7.99	19201.	25520.
79 817	5439N	15819W	18491.2	33657.2	45547.5	98.	12.0	17640.	3846.	0.2180	6.64	707.	29040.
77 927	5413N	16041W	18368.8	34044.8	46416.3	437.	13.5	14000.	3052.	0.2180	4.86	2232.	6380.
79 8 7	5442N	15802W	18502.7	33611.8	45442.6	383.	16.0	14400.	3105.	0.2156	6.66	8765.	13200.
79 818	5444N	15800W	18507.3	33601.0	45427.6	109.	13.0	17640.	3677.	0.2084	4.89	6161.	11880.
79 8 6	5433N	15805W	18493.7	33631.0	45466.8	383.	18.0	15640.	3197.	0.2018	7.60	9619.	13420.
79 829	5318N	16618W	17796.2	34853.8	48248.5	383.	14.5	21280.	4116.	0.1934	6.15	4426.	9240.
79 7 3	5422N	15935W	18424.3	33873.3	46018.4	317.	18.1	18400.	3266.	0.1776	7.02	16208.	20020.
79 726	5413N	16119W	18347.0	34130.4	46641.9	301.	16.5	19380.	3441.	0.1776	7.30	13539.	18700.
79 7 4	5403N	16150W	18297.0	34225.5	46826.0	380.	17.5	27000.	4551.	0.1685	7.24	10899.	16500.
79 7 5	5404N	16230W	18270.9	34312.6	47060.7	410.	16.0	27000.	4518.	0.1673	6.61	7737.	14960.
78 7 5	5426N	16613W	18131.0	34775.5	43364.2	301.	8.0	12950.	1826.	0.1410	5.81	413.	3080.
79 7 7	5448N	15931W	18486.2	33763.9	45968.9	377.	16.0	27000.	3611.	0.1337	7.50	13250.	18040.
79 8 7	5416N	15952W	18406.7	33922.2	46122.7	383.	16.5	21280.	2646.	0.1244	6.71	14409.	20460.
78 731	5558N	16935W	18316.7	35092.9	49681.2	361.	16.5	20000.	2281.	0.1140	5.73	593.	11660.
79 918	5436N	15835W	18475.5	33700.7	45646.4	120.	10.5	16800.	1633.	0.0972	4.27	3046.	33440.
79 823	5313N	16903W	17363.5	35075.9	48959.6	383.	17.5	21280.	2037.	0.0957	7.24	1802.	28380.
79 9 4	5511N	16743W	18232.1	34913.7	48961.4	159.	15.8	18240.	1693.	0.0928	3.77	1100.	37620.
79 914	5237N	16904W	17165.8	35078.7	48661.2	355.	16.5	19950.	1638.	0.0821	7.42	27125.	31020.
78 9 2	5417N	16100W	18369.3	34078.7	46527.6	82.	17.5	17520.	1425.	0.0813	3.08	1636.	16500.
79 915	5311N	16909W	17333.6	35081.2	48976.3	437.	21.7	19950.	1581.	0.0793	7.23	539.	27060.
79 7 6	5427N	15901W	18450.2	33764.5	45811.8	314.	17.4	27000.	2069.	0.0766	6.36	9706.	12320.
79 822	5318N	16905W	17385.3	35077.3	48982.0	383.	18.5	21280.	1572.	0.0739	7.30	1376.	20460.
78 724	5405N	16147W	18305.2	34213.9	46808.4	328.	17.1	23200.	1711.	0.0738	8.07	2608.	5060.
79 9 5	5428N	15833W	18463.1	33721.6	45646.0	93.	14.5	21280.	1561.	0.0734	3.90	754.	39820.
79 7 7	5608N	17035W	18201.5	35138.2	49941.7	410.	21.2	16560.	1193.	0.0720	8.51	4415.	10560.
78 910	5447N	15832W	18503.4	33658.7	45613.0	98.	17.9	20160.	1254.	0.0622	6.66	1017.	23980.
78 919	5417N	16034W	18383.3	34018.2	46272.7	98.	13.0	11275.	661.	0.0587	4.19	86.	9680.
78 728	5312N	16902W	17361.0	35075.0	48952.8	383.	15.3	19000.	1110.	0.0584	7.82	440.	9900.
79 718	5557N	17003W	18232.5	35124.5	49789.1	355.	21.0	16800.	905.	0.0539	8.58	881.	33440.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE B-5 (continued). SABLEFISH, JULY-SEPTEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
79 711	5624N	17125W	18075.6	35091.0	50101.8	410.	18.5	18400.	919.	0.0499	7.88	5587.	18260.
79 9 7	5519N	16752W	18263.0	34924.2	49032.6	153.	16.6	19950.	991.	0.0497	3.77	1521.	47960.
78 728	5312N	16904W	17354.9	35076.8	48960.4	383.	16.2	19000.	902.	0.0475	7.72	549.	19140.
79 825	5437N	15854W	18482.0	33695.4	45639.1	98.	15.8	19950.	943.	0.0473	3.38	737.	13200.
78 716	5448N	15806W	18513.3	33600.3	45456.5	77.	16.0	23200.	1070.	0.0461	4.71	482.	19580.
78 730	5532N	16827W	18282.8	34985.3	49256.6	383.	16.2	20000.	918.	0.0459	6.31	239.	7040.
79 8 2	5319N	16902W	17400.1	35074.6	43973.6	328.	16.0	21280.	985.	0.0453	5.61	832.	16280.
79 722	5611N	16923W	18432.4	35068.0	49679.7	372.	10.0	17640.	788.	0.0447	5.39	5221.	10340.
79 917	5434N	15841W	18473.1	33719.9	45684.7	120.	11.4	16800.	711.	0.0423	3.74	257.	28600.
79 916	5435N	15841W	18475.3	33716.7	45683.3	104.	11.0	16800.	702.	0.0418	3.51	574.	28600.
79 731	5320N	16902W	17405.7	35074.5	48576.6	437.	15.5	21280.	887.	0.0417	7.70	455.	15620.
79 827	5414N	16102W	18359.8	34089.3	46540.6	290.	16.3	21280.	805.	0.0378	6.45	57382.	60060.
79 821	5548N	16854W	18334.9	35028.8	49449.1	383.	12.0	16800.	636.	0.0378	7.49	6752.	13860.
79 824	5453N	15822W	18516.5	33617.4	45544.3	98.	15.9	19950.	697.	0.0349	4.61	481.	18040.
78 829	5610N	16919W	18433.1	35060.9	49856.2	301.	19.4	20000.	620.	0.0310	6.79	689.	4620.
79 8 1	5318N	16907W	17379.1	35079.1	48589.6	437.	15.5	21280.	542.	0.0254	8.21	1058.	15400.
79 712	5418N	16023W	18391.6	33990.8	46306.6	93.	18.0	16800.	383.	0.0228	3.55	1023.	15180.
79 917	5450N	16659W	18185.1	34843.8	48669.0	153.	16.2	19950.	440.	0.0220	3.96	1850.	33660.
78 9 3	5419N	16056W	18375.9	34066.7	46514.9	88.	17.0	19200.	395.	0.0206	3.52	771.	15400.
79 826	5456N	15820W	18524.9	33602.9	45527.8	98.	14.8	19950.	380.	0.0190	3.68	462.	18700.
79 920	5433N	15833W	18473.9	33708.0	45638.8	109.	10.0	16800.	318.	0.0189	2.98	250.	14080.
79 713	5408N	16138W	18320.3	34186.2	46755.2	82.	17.0	16800.	313.	0.0186	5.34	2669.	16720.
78 729	5318N	16907W	17379.1	35079.1	48589.6	383.	16.7	20000.	342.	0.0171	6.43	312.	12540.
79 7 8	5614N	17106W	18107.3	35122.5	50137.4	383.	16.3	18400.	303.	0.0165	6.60	5389.	13860.
78 921	5458N	15833W	18525.2	33623.8	45603.7	88.	17.3	20160.	308.	0.0153	5.70	194.	22000.
79 827	5455N	15828W	18522.4	33610.6	45541.4	98.	16.7	19950.	272.	0.0136	3.16	260.	12320.
79 9 3	5500N	16727W	18196.4	34891.8	48845.5	164.	15.5	18240.	242.	0.0133	3.73	1056.	26620.
79 9 2	5453N	16705W	18192.0	34852.9	48708.9	164.	15.7	18240.	222.	0.0122	3.43	1204.	32340.
78 920	5449N	15829W	18508.4	33645.7	45592.2	93.	18.2	20160.	239.	0.0119	5.70	328.	18700.
78 9 9	5418N	16050W	18377.5	34051.4	46467.6	71.	17.0	19200.	220.	0.0114	6.06	714.	15620.
79 9 4	5436N	15831W	18480.9	33692.2	45622.8	98.	15.0	21280.	215.	0.0101	3.97	502.	56760.
79 823	5507N	16753W	18193.8	34938.6	49002.2	383.	11.0	16800.	149.	0.0088	7.17	2605.	13420.
78 914	5432N	15859W	18462.1	33764.8	45793.9	93.	19.3	20160.	173.	0.0086	6.69	2129.	16280.
79 715	5507N	16740W	18214.6	34911.7	48934.0	235.	16.0	16800.	140.	0.0084	4.40	4054.	25300.
78 7 4	5422N	16723W	17998.1	34919.2	48721.5	383.	8.0	11100.	83.	0.0075	6.00	423.	880.
78 9 7	5417N	16118W	18359.1	34117.5	46635.1	71.	16.5	19200.	130.	0.0068	3.52	925.	14520.
78 9 6	5413N	16053W	18375.9	34058.1	46485.5	82.	17.0	19200.	119.	0.0062	3.52	1010.	13640.
78 7 7	5419N	16046W	18382.3	34039.6	46443.2	98.	13.0	15540.	92.	0.0059	1.47	1273.	19140.
79 9 5	5601N	16836W	18442.3	34974.5	49399.5	153.	17.4	17727.	99.	0.0056	4.01	4406.	38060.
78 723	5420N	15940W	18441.3	33660.3	46040.6	77.	15.5	20000.	95.	0.0047	1.82	685.	14300.
79 9 6	5612N	16909W	18463.1	35038.6	49813.4	153.	15.7	18240.	86.	0.0047	8.29	4487.	46200.
78 921	5418N	16046W	18379.6	34042.4	46443.7	77.	17.0	15990.	75.	0.0047	2.38	1266.	17160.
78 913	5446N	15832W	18501.4	33662.0	45614.4	93.	20.9	20160.	92.	0.0046	6.67	501.	30140.
78 911	5448N	15828W	18506.7	33646.9	45587.6	77.	18.9	20160.	85.	0.0042	6.66	171.	21780.
78 815	5431N	16541W	18194.8	34697.7	48196.0	170.	16.5	20000.	80.	0.0040	2.70	844.	11220.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE B-5 (continued). SABLEFISH, JULY-SEPTEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES ZX	ZY	ZZ	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
78 9 6	5536N	16935W	18163.2	35096.6	49589.4	115.	15.0	17220.	69.	0.0040	2.24	7351.	26620.
78 9 4	5418N	16056W	18374.2	34064.9	46503.4	71.	17.5	19200.	75.	0.0039	3.52	604.	15840.
78 830	5616N	16933W	18447.2	35083.9	49747.9	170.	16.3	20000.	75.	0.0038	5.17	2237.	17820.
78 9 5	5418N	16055W	18374.8	34062.7	46497.4	60.	18.0	19200.	66.	0.0034	3.52	523.	14960.
79 825	5536N	16843W	18279.2	35013.9	49351.3	301.	18.0	21280.	70.	0.0033	6.82	307.	16060.
78 821	5425N	15948W	18425.8	33893.0	46092.9	77.	15.0	17220.	53.	0.0031	2.46	1354.	63360.
78 916	5448N	15827W	18507.0	33644.7	45581.6	98.	18.5	20160.	62.	0.0031	5.72	570.	21780.
79 820	5536N	16847W	18271.8	35021.6	49371.1	383.	12.0	19200.	47.	0.0025	4.73	1702.	21120.
78 813	5442N	16557W	18225.8	34716.3	48306.8	175.	17.2	20000.	48.	0.0024	1.82	535.	15620.
78 915	5458N	15830W	18526.1	33617.4	45585.4	88.	17.9	20160.	47.	0.0023	6.67	462.	20680.
78 817	5439N	16539W	18232.6	34679.7	48198.7	172.	17.0	20000.	43.	0.0022	3.23	1715.	11220.
79 814	5452N	15822W	18516.5	33620.7	45545.0	98.	12.0	17640.	36.	0.0021	3.89	1235.	22440.
78 711	5428N	15928W	18441.6	33840.0	45570.8	104.	15.4	23200.	32.	0.0014	2.09	44.	14960.
78 916	5447N	15833W	18503.1	33660.8	45619.0	88.	20.6	20160.	28.	0.0014	6.60	342.	25300.
79 712	5615N	16939W	18427.5	35094.5	49771.3	109.	16.0	14720.	14.	0.0010	3.08	4268.	22660.
78 919	5448N	15827W	18507.0	33644.7	45581.6	104.	21.7	20160.	20.	0.0010	5.72	869.	20900.
78 9 8	3607N	16951W	18340.5	35112.6	49787.5	104.	15.0	17220.	13.	0.0007	2.86	1789.	13420.
78 812	5516N	16749W	18250.7	34921.1	49007.8	197.	18.2	20000.	13.	0.0006	2.42	506.	12320.
79 715	5616N	16938W	18436.7	35092.5	49771.0	126.	13.5	13800.	7.	0.0005	2.64	1396.	16920.
78 816	5430N	16539W	18192.7	34694.6	48183.0	159.	16.5	20000.	11.	0.0005	2.16	1244.	11880.
78 9 8	5419N	16112W	18368.2	34098.5	46598.7	77.	17.0	17280.	8.	0.0005	3.52	868.	12760.
78 815	5442N	16605W	18216.5	34734.6	48352.1	159.	16.0	20000.	8.	0.0004	2.31	362.	7920.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

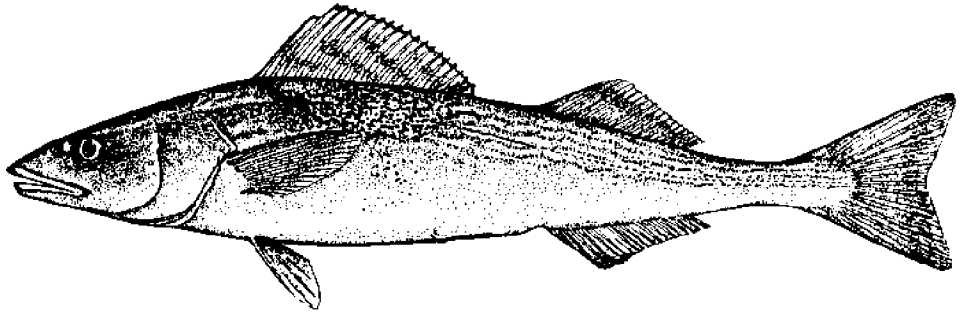


TABLE B-6. SABLEFISH, OCTOBER-DECEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	*********	*********	********	********
781120	5417N	16000W	18400.4	33942.6	46170.8	342.	18.0	15200.	17066.	1.1622	6.18	7670.	26180.
781122	5415N	16102W	18362.6	34088.6	46540.2	342.	18.0	15200.	17116.	1.1260	7.14	10142.	28600.
781118	5427N	15902W	18449.8	33766.6	45817.7	323.	18.0	15200.	16099.	1.0591	8.06	19908.	36740.
781119	5423N	15928W	18429.8	33855.0	45975.9	342.	18.0	15200.	15992.	1.0521	7.67	8912.	25740.
781124	5408N	16130W	18325.5	34168.1	46707.9	342.	18.0	15200.	14766.	0.9714	7.80	38658.	56320.
781121	5416N	16038W	18376.9	34029.9	46397.0	342.	18.0	15200.	14691.	0.9665	6.96	12448.	28600.
781126	5416N	16013W	18391.4	33974.2	46248.6	342.	18.0	15200.	13656.	0.8984	6.97	17578.	32560.
781123	5406N	16155W	18302.8	34229.6	46855.5	342.	17.0	15200.	10980.	0.7224	6.94	6076.	22220.
7910 6	5422N	15932W	18425.6	33866.7	46000.6	328.	17.0	15200.	9891.	0.6507	7.34	31917.	45320.
7910 7	5431N	15901W	18459.2	33772.2	45807.0	104.	18.0	15200.	7612.	0.5008	2.89	235.	16920.
781123	5435N	15831W	18478.8	33695.4	45624.2	301.	19.0	15120.	6784.	0.4487	5.58	12611.	21120.
781124	5440N	15802W	18498.7	33618.3	45445.9	328.	17.0	15120.	5959.	0.3941	6.51	15883.	22880.
791113	5434N	16552W	18195.3	34717.7	48263.5	279.	8.0	8000.	2372.	0.2965	3.59	203.	5500.
781015	5443N	15803W	18504.4	33610.6	45446.9	82.	7.0	9600.	1658.	0.1727	4.56	1279.	15620.
791114	5320N	16901W	17408.8	35073.6	48972.7	383.	19.0	20000.	2929.	0.1465	7.11	1559.	38060.
7812 1	5447N	16741W	18102.1	34932.7	48881.9	355.	16.0	12600.	1824.	0.1448	6.97	4350.	7260.
7911 9	5458N	15827W	18526.9	33611.0	45567.2	104.	15.0	20000.	2647.	0.1424	2.73	477.	23540.
791111	5448N	15821W	18508.8	33632.0	45545.8	104.	14.5	19600.	2574.	0.1313	2.63	682.	23320.
791110	5447N	15822W	18506.5	33637.4	45553.2	104.	15.0	19600.	2362.	0.1205	3.56	581.	31900.
7710 1	5418N	15957W	18404.4	33933.2	46152.3	364.	10.7	18480.	2211.	0.1196	7.35	3307.	6160.
7911 5	5450N	15812W	18515.5	33606.3	45489.0	93.	18.0	19600.	1950.	0.0995	2.45	635.	23760.
791116	5313N	16904W	17366.4	35076.8	48963.4	394.	11.0	11000.	1069.	0.0972	7.83	145.	10780.
791118	5319N	16903W	17397.0	35075.5	48977.4	399.	16.0	20000.	1677.	0.0838	6.54	714.	32560.
7811 1	5502N	15836W	18532.3	33616.5	45616.5	93.	16.0	14000.	1164.	0.0832	3.45	516.	37400.
791117	5319N	16902W	17400.1	35074.6	48973.6	410.	17.5	17000.	1412.	0.0831	7.25	270.	18700.
7911 8	5452N	15823W	18516.2	33622.9	45551.8	98.	7.0	8000.	626.	0.0782	2.05	66.	10120.
781014	5444N	15824W	18499.8	33651.5	45569.6	115.	17.0	14400.	906.	0.0629	6.60	2404.	29480.
791230	5440N	15817W	18493.9	33649.8	45534.2	137.	12.0	16000.	951.	0.0594	3.86	754.	54560.
7912 6	5440N	15823W	18491.9	33662.4	45569.6	120.	12.0	15200.	862.	0.0567	3.19	995.	41800.
781017	5445N	15824W	18501.8	33648.3	45568.1	104.	17.0	14400.	695.	0.0483	7.04	600.	31680.
791231	5442N	15810W	18500.2	33628.5	45489.7	148.	12.5	16000.	738.	0.0461	3.33	1071.	57200.
7911 4	5600N	16827W	18447.7	34953.9	49146.6	120.	14.0	18800.	846.	0.0450	7.89	1546.	17160.
7910 8	5502N	15828W	18534.4	33599.3	45567.6	109.	18.0	15200.	676.	0.0445	2.67	303.	25520.
781016	5509N	15856W	18540.8	33635.3	45730.7	98.	5.5	4680.	179.	0.0383	0.99	39.	2640.
7812 7	5603N	16937W	18347.1	35094.7	49711.1	118.	17.3	15200.	548.	0.0360	6.33	1518.	23540.
781119	5446N	15819W	18505.4	33634.4	45536.9	90.	17.0	15120.	541.	0.0358	3.39	375.	30140.
781020	5449N	15826W	18509.3	33639.3	45574.2	109.	15.0	14400.	435.	0.0302	5.06	639.	27500.
781115	5438N	15828W	18486.1	33679.5	45602.1	109.	15.0	15120.	420.	0.0278	6.11	1049.	27500.
7811 4	5450N	15823W	18512.2	33629.6	45554.0	98.	19.0	14000.	387.	0.0276	6.11	282.	40920.
7812 6	5615N	16945W	18413.7	35103.7	49797.0	118.	17.0	15200.	408.	0.0268	9.35	2158.	23100.
791110	5454N	15826W	18519.3	33622.5	45567.0	98.	15.5	20000.	525.	0.0263	2.38	841.	27720.
791227	5450N	15818W	18513.7	33619.0	45524.8	109.	13.0	16000.	408.	0.0255	3.82	620.	24200.
791111	5454N	15827W	18519.0	33624.6	45573.0	98.	15.0	20000.	507.	0.0253	2.26	2036.	22880.
7911 6	5442N	15828W	18494.4	33666.6	45596.3	98.	15.0	19600.	455.	0.0232	2.43	334.	19140.
7811 8	5456N	15833W	18521.3	33630.7	45606.4	96.	15.0	19200.	441.	0.0230	3.80	481.	20460.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE B-6 (continued). SABLEFISH, OCTOBER-DECEMBER

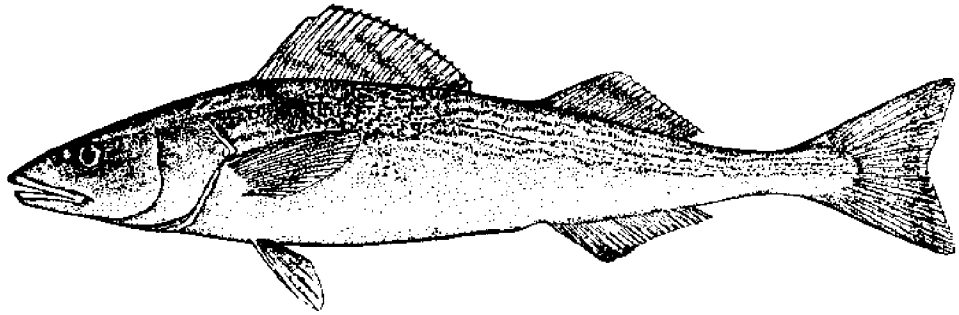
DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
7912 5	5430N	15903W	18456.1	33779.6	45820.0	120.	12.0	15200.	340.	0.0224	3.48	407.	27500.
781118	5443N	15621W	18498.7	33648.5	45555.3	123.	15.0	15120.	277.	0.0183	5.02	269.	18260.
791029	5444N	15800W	18507.3	33601.0	45427.6	93.	13.8	18800.	339.	0.0180	2.84	1380.	40700.
781110	5456N	15618W	18525.5	33598.7	45515.8	96.	16.0	15200.	210.	0.0138	4.51	120.	29480.
781027	5417N	16028W	18386.4	34004.8	46237.0	88.	17.0	14000.	187.	0.0134	3.23	2712.	34540.
781013	5423N	15947W	18421.4	33896.6	46088.7	107.	15.0	20160.	265.	0.0131	4.40	776.	29040.
7912 3	5436N	15840W	18477.8	33711.4	45676.0	126.	12.0	13300.	174.	0.0131	3.13	231.	20460.
7911 3	5604N	16618W	18479.9	34924.6	49207.4	112.	13.8	18800.	230.	0.0122	3.67	1871.	18920.
781130	5448N	15601W	18248.6	34715.5	48341.0	101.	17.0	12600.	153.	0.0122	2.93	2046.	12320.
781025	5406N	16143W	18311.0	34202.4	46784.8	112.	12.0	14400.	175.	0.0121	1.66	800.	17600.
7911 5	5446N	15823W	18504.2	33642.9	45560.7	104.	14.0	19600.	229.	0.0117	3.18	477.	24420.
781021	5449N	15827W	18509.0	33641.4	45580.2	104.	16.5	14400.	164.	0.0114	5.50	851.	29040.
7911 7	5603N	16824W	18466.1	34941.8	49238.8	139.	9.5	11750.	132.	0.0113	3.98	2378.	19140.
781019	5410N	16215W	18301.4	34265.4	46574.0	98.	14.0	19200.	202.	0.0105	7.59	1713.	21340.
7911 7	5447N	15818W	18507.7	33629.0	45529.4	104.	14.0	17500.	177.	0.0101	4.55	564.	24860.
7911 4	5501N	15814W	18536.2	33573.0	45484.1	88.	14.0	19600.	194.	0.0099	2.91	761.	22880.
791225	5439N	15818W	18491.5	33655.1	45541.6	115.	13.0	16000.	148.	0.0092	2.56	581.	38060.
781117	5427N	15927W	18439.6	33840.9	45565.9	104.	16.5	15200.	137.	0.0090	5.28	114.	24640.
7911 5	5555N	16844W	18395.1	34999.9	49422.6	123.	15.0	18800.	142.	0.0076	4.15	2679.	18480.
7812 4	5609N	16941W	18380.2	35099.2	49754.3	115.	13.0	7600.	57.	0.0076	6.60	982.	16720.
781027	5412N	16130W	18337.3	34157.9	46707.4	82.	11.0	14400.	107.	0.0074	1.71	1673.	16060.
781031	5455N	15826W	18521.3	33619.1	45565.5	98.	17.0	14000.	98.	0.0070	3.08	932.	37180.
7911 2	5616N	16929W	18455.0	35076.6	49728.9	109.	13.6	18800.	117.	0.0062	3.60	1882.	16280.
781111	5452N	15820W	18517.1	33616.5	45533.8	104.	16.0	15200.	94.	0.0062	4.73	444.	31680.
781128	5410N	16130W	18349.1	34147.5	46706.9	96.	14.0	12600.	70.	0.0056	1.28	1702.	11220.
781021	5416N	16124W	18352.7	34133.8	46671.1	104.	16.0	19200.	105.	0.0055	4.62	1305.	29700.
781116	5439N	15827W	18488.6	33674.1	45594.8	123.	16.0	15120.	78.	0.0052	3.23	365.	24200.
791117	5417N	16120W	18357.9	34122.1	46647.0	88.	15.0	19600.	95.	0.0048	2.70	4633.	21340.
781022	5400N	16123W	18306.3	34172.3	46668.0	109.	15.0	19200.	87.	0.0045	5.72	401.	29920.
7911 6	5555N	16851W	18384.1	35015.0	49459.0	131.	15.1	18800.	84.	0.0044	3.70	1870.	21340.
791226	5450N	15814W	18514.9	33610.5	45500.9	120.	11.0	16000.	71.	0.0045	2.51	762.	31900.
7812 5	5615N	16944W	18416.1	35102.2	49793.5	118.	17.0	15200.	66.	0.0044	8.14	1736.	20680.
781031	5406N	16149W	18306.9	34216.0	46820.2	86.	14.0	18240.	60.	0.0033	1.85	438.	14300.
781115	5444N	15809W	18504.5	33619.9	45480.6	104.	16.0	15200.	51.	0.0034	2.20	769.	23320.
7811 5	5449N	15817W	18512.0	33620.2	45520.4	93.	15.0	19200.	62.	0.0032	3.52	775.	23540.
7812 1	5601N	16936W	18335.4	35093.7	49698.2	107.	17.5	15200.	47.	0.0031	3.23	1628.	17600.
781019	5453N	15831W	18515.9	33636.5	45599.5	93.	16.5	14400.	44.	0.0030	5.28	375.	34100.
781026	5406N	16149W	18306.9	34216.0	46820.2	98.	15.0	19200.	57.	0.0030	1.23	1609.	20460.
781120	5442N	15821W	18496.7	33651.7	45554.8	96.	16.0	15120.	41.	0.0027	1.54	975.	16500.
781112	5455N	15823W	18522.1	33612.7	45547.4	104.	16.1	15200.	35.	0.0023	1.69	338.	21340.
791110	5629N	17130W	18078.7	35075.6	50122.6	145.	13.6	18800.	42.	0.0022	5.00	2501.	19140.
7911 8	5555N	16852W	18382.5	35017.2	49464.2	120.	15.6	18800.	38.	0.0020	4.51	630.	12540.
781016	5435N	15840W	18475.6	33714.6	45677.4	104.	16.5	14400.	26.	0.0018	7.04	632.	29700.
791119	5406N	16214W	18289.3	34272.7	46967.3	82.	12.0	15200.	26.	0.0017	2.01	816.	6820.
781127	5422N	15810W	18458.9	33691.7	45521.7	96.	14.0	12600.	18.	0.0014	2.20	1583.	11660.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE B-6 (continued). SABLEFISH, OCTOBER-DECEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	********	********	**********	********	********	********
7811 2	5501N	15812W	18536.7	33568.7	45472.0	88.	14.0	19200.	28.	0.0014	2.64	418.	29480.
7911 5	5608N	16826W	18493.6	34938.8	49364.7	112.	7.6	9400.	12.	0.0013	3.52	801.	9240.
781116	5447N	15809W	18510.5	33610.0	45475.9	104.	17.0	15200.	18.	0.0012	2.20	102.	21120.
781111	5447N	15823W	18506.2	33639.5	45559.2	101.	16.0	15120.	19.	0.0012	1.32	881.	39160.
781030	5406N	16150W	18306.2	34218.2	46626.0	79.	14.0	19200.	19.	0.0010	0.77	535.	18480.
781013	5443N	15822W	18496.4	33650.6	45559.2	109.	17.0	14400.	12.	0.0008	3.96	824.	25960.
781020	5406N	16151W	18305.6	34220.5	46831.9	98.	16.0	18240.	15.	0.0008	1.76	527.	33660.
7811 1	5509N	15823W	18549.0	33564.0	45527.1	93.	14.0	19200.	16.	0.0008	1.17	471.	14520.
7812 2	5601N	16939W	18328.1	35098.0	49711.2	109.	17.5	15200.	12.	0.0008	1.76	2862.	21120.
781012	5435N	15841W	18475.3	33716.7	45683.3	109.	16.5	14400.	10.	0.0007	3.96	264.	25960.
7811 6	5456N	15621W	18524.7	33605.0	45533.9	90.	15.0	19200.	14.	0.0008	3.08	140.	14740.
781027	5413N	16129W	18340.9	34153.0	46701.3	104.	15.0	19200.	14.	0.0008	1.21	2382.	23980.
791112	5622N	17122W	18079.1	35097.7	50091.5	126.	14.0	17390.	11.	0.0006	8.80	1447.	13420.
781112	5444N	15827W	18498.9	33657.9	45587.5	104.	18.0	15120.	10.	0.0006	1.10	480.	21780.
791111	5626N	17124W	18093.9	35085.8	50107.3	156.	14.1	18800.	13.	0.0007	5.50	1259.	16060.
781027	5452N	15834W	18513.0	33646.3	45618.0	82.	16.5	14400.	10.	0.0007	3.96	205.	22880.
791113	5628N	17126W	18095.3	35063.8	50115.7	131.	14.5	18800.	6.	0.0003	5.94	520.	11820.
7912 4	5423N	15944W	18422.7	33890.0	46070.8	109.	12.0	15200.	3.	0.0002	1.54	321.	21780.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***



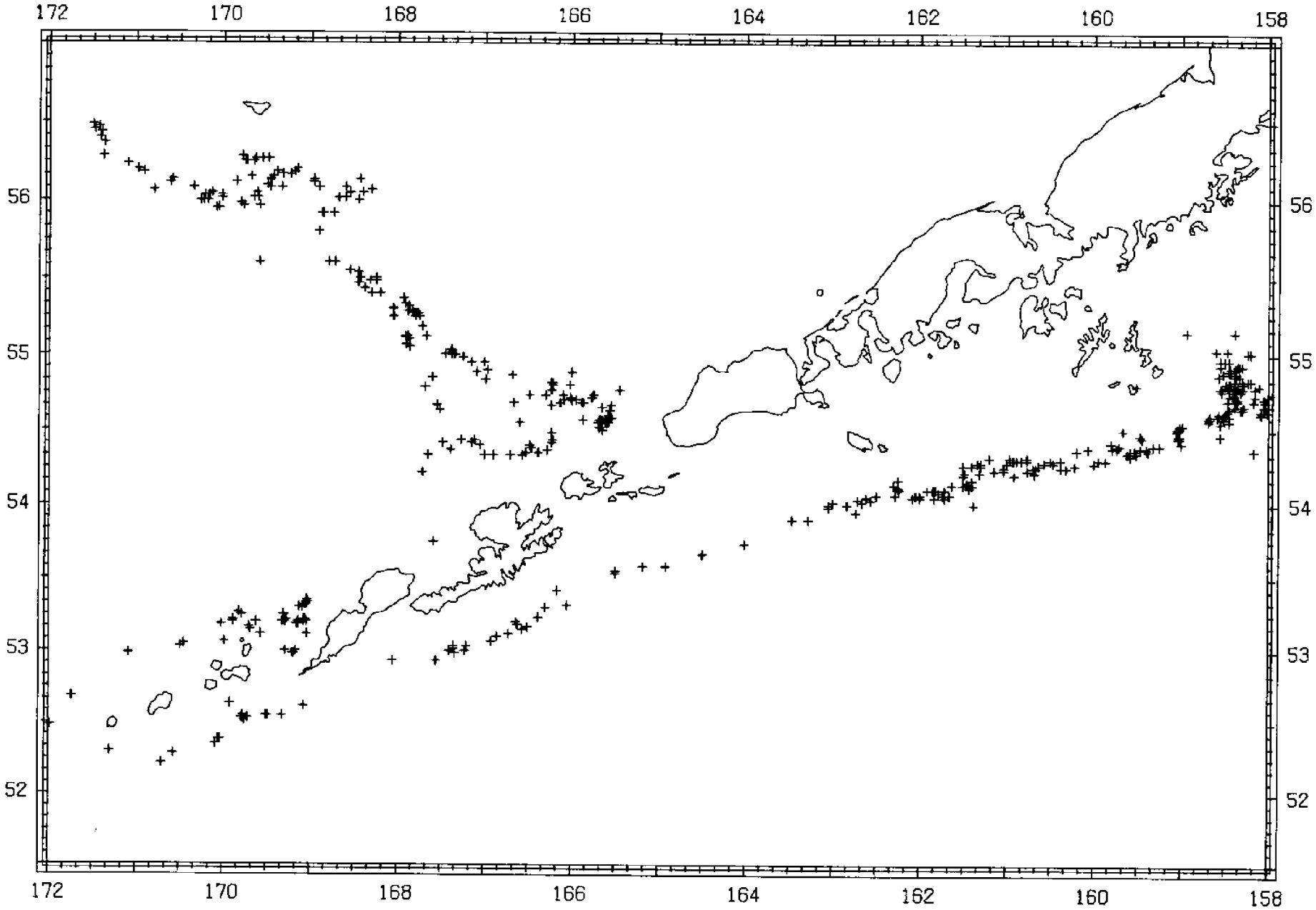


FIGURE B-1. SABLEFISH, ALL MONTHS, 1977-1979

TABLE B-7. PACIFIC COD, JANUARY-MARCH

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES ZX	ZY	ZZ	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN-SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
79 126	5232N	16945W	17001.8	35107.1	48992.2	88.	7.0	11000.	27153.	2.4684	7.77	248.	27500.
79 226	5233N	16930W	17058.9	35097.8	48543.4	115.	17.0	7560.	18176.	2.4043	8.27	909.	20240.
79 3 4	5326N	16609W	17851.0	34831.7	48220.2	98.	12.0	17000.	38683.	2.2743	9.01	1796.	40920.
79 319	5302N	16720W	17585.1	34959.4	48502.9	109.	10.0	10800.	23971.	2.2195	9.58	138.	24200.
79 310	5326N	16606W	17856.4	34826.3	48205.2	98.	14.0	20000.	44132.	2.2066	8.41	531.	44880.
79 312	5326N	16609W	17851.0	34831.7	48220.2	98.	14.0	19000.	39657.	2.0872	8.74	193.	40040.
79 311	5326N	16610W	17849.2	34833.4	48225.2	104.	14.0	20000.	39925.	1.9963	8.26	599.	40700.
79 3 6	5301N	16909W	17278.5	35061.7	48547.1	126.	4.0	7000.	13833.	1.9761	8.45	314.	14520.
79 123	5233N	16945W	17007.1	35107.1	48995.0	83.	7.1	10000.	19412.	1.9412	7.77	87.	19580.
79 3 6	5230N	16930W	17043.2	35097.8	48935.1	137.	18.0	15960.	30504.	1.9113	8.37	1357.	33000.
79 119	5233N	16946W	17003.5	35107.7	48998.3	70.	7.6	10000.	18519.	1.8519	9.42	401.	18920.
79 128	5233N	16946W	17003.5	35107.7	48998.3	85.	7.5	11000.	20086.	1.8260	7.77	324.	20460.
79 320	5303N	16715W	17601.9	34951.9	48482.9	104.	12.0	13325.	24102.	1.8088	7.89	1079.	25520.
79 315	5256N	16803W	17445.3	35016.3	48673.1	109.	19.0	17100.	29682.	1.7358	8.49	444.	30800.
79 3 8	5257N	16759W	17461.2	35011.3	48659.0	101.	18.0	15960.	27683.	1.7333	9.47	837.	29480.
79 123	5233N	16946W	17003.5	35107.7	48998.3	89.	7.0	11000.	18972.	1.7248	7.77	434.	19580.
79 124	5233N	16946W	17003.5	35107.7	48998.3	86.	6.1	10000.	16990.	1.6990	7.77	610.	17600.
79 127	5232N	16943W	17008.8	35105.9	48985.4	94.	7.5	11500.	19470.	1.6930	7.77	418.	20020.
79 124	5233N	16944W	17010.6	35106.5	48991.6	85.	8.2	11000.	18207.	1.6552	7.77	1113.	19800.
78 2 7	5443N	16538W	18251.3	34670.3	48199.9	153.	16.0	14400.	23809.	1.6534	9.97	0.	25740.
79 119	5233N	16946W	17003.5	35107.7	48998.3	74.	7.5	11000.	17913.	1.6285	8.65	608.	18700.
79 227	5233N	16928W	17065.7	35096.5	48936.4	126.	8.1	7560.	12305.	1.6277	7.52	500.	12980.
79 125	5233N	16945W	17007.1	35107.1	48995.0	94.	8.0	9500.	14928.	1.5714	7.77	195.	15400.
79 225	5302N	16720W	17585.1	34959.4	48502.9	109.	17.5	15120.	23511.	1.5550	7.36	104.	23980.
79 313	5231N	16945W	16996.5	35107.1	48989.4	109.	18.0	17100.	26431.	1.5456	7.85	1876.	28600.
79 315	5301N	16721W	17577.6	34961.1	48504.9	98.	19.0	17064.	26210.	1.5360	7.74	448.	27940.
79 227	5233N	16929W	17062.3	35097.1	48939.9	120.	10.3	5400.	8203.	1.5192	6.56	574.	8800.
78 2 7	5435N	16535W	18219.4	34677.4	48169.0	148.	15.5	14400.	21354.	1.4829	7.87	2355.	24420.
79 321	5303N	16718W	17594.8	34956.1	48496.3	115.	11.6	13325.	19609.	1.4716	8.05	1160.	21560.
79 316	5301N	16721W	17577.6	34961.1	48504.9	109.	20.0	20520.	29801.	1.4523	7.99	893.	32560.
79 327	5300N	16910W	17269.8	35082.5	48947.9	109.	12.0	14752.	20721.	1.4046	6.75	629.	22000.
79 114	5232N	16946W	16998.3	35107.7	48995.5	96.	7.0	11000.	15325.	1.3932	8.47	199.	15840.
79 115	5233N	16947W	17000.0	35108.3	49001.7	82.	9.0	11000.	15028.	1.3662	8.60	140.	15180.
79 118	5233N	16947W	17000.0	35108.3	49001.7	104.	7.1	11000.	14984.	1.3604	7.17	200.	15180.
79 221	5605N	16920W	18397.6	35065.8	49641.3	115.	17.5	15200.	20354.	1.3391	5.70	5057.	25960.
79 314	5231N	16941W	17010.5	35104.7	48975.8	120.	14.5	11400.	15072.	1.3221	8.30	1868.	16940.
79 224	5303N	16718W	17594.8	34956.1	48496.3	120.	17.3	15120.	19475.	1.2880	7.73	81.	20240.
79 227	5445N	16527W	18271.2	34640.6	48139.5	115.	16.5	15960.	20446.	1.2810	8.06	257.	20900.
79 125	5234N	16930W	17064.2	35097.8	48946.2	98.	7.0	11000.	13925.	1.2659	7.77	590.	14520.
79 228	5446N	16529W	18273.4	34643.5	48152.8	115.	18.5	15960.	19671.	1.2325	6.86	1175.	21120.
79 214	5433N	16540W	18204.9	34692.2	48193.9	202.	17.2	15120.	18423.	1.2184	5.15	892.	20900.
79 311	5235N	16930W	17069.5	35097.8	48948.9	109.	18.5	17100.	20714.	1.2113	8.48	510.	22000.
79 314	5302N	16721W	17582.7	34960.7	48507.3	98.	17.8	20520.	24846.	1.2108	6.91	916.	27060.
79 131	5438N	16534W	18233.7	34669.9	48168.4	170.	16.8	15120.	18124.	1.1986	5.21	1349.	21340.
79 311	5332N	16537W	17933.2	34766.9	48068.8	98.	16.1	18900.	22336.	1.1818	5.64	1548.	23980.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE B-7 (continued). PACIFIC COD, JANUARY-MARCH

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
78 2 9	5442N	16600W	18222.4	34723.2	48323.8	153.	17.0	14400.	16657.	1.1567	9.08	1090.	23100.
78 212	5441N	16556W	18222.4	34715.6	48299.3	175.	17.0	18480.	21372.	1.1565	8.08	0.	27500.
79 320	5307N	16902W	17333.4	35075.4	48538.2	137.	11.0	15680.	18060.	1.1518	8.29	618.	19360.
79 215	5433N	16535W	18210.6	34680.8	48165.5	175.	17.1	15120.	17365.	1.1485	5.26	780.	19580.
79 3 9	5256N	16803W	17445.3	35016.3	48673.1	98.	18.5	17100.	19447.	1.1372	7.86	829.	20680.
79 310	5254N	16803W	17434.9	35016.7	48667.9	98.	18.0	17100.	18777.	1.0981	8.55	1135.	20240.
79 216	5433N	16542W	18202.6	34696.7	48205.3	180.	17.2	15120.	16477.	1.0897	6.00	474.	17600.
79 325	5259N	16913W	17254.7	35085.0	48956.1	137.	11.0	15680.	17062.	1.0882	7.31	2429.	20240.
79 312	5254N	16803W	17434.9	35016.7	48667.9	126.	18.0	17100.	18499.	1.0818	8.32	716.	21120.
79 3 7	5231N	16945W	16996.5	35107.1	48589.4	120.	9.0	7980.	8591.	1.0766	6.94	1248.	9900.
79 113	5233N	16947W	17000.0	35108.3	49001.7	98.	11.0	11000.	11806.	1.0733	6.60	327.	13420.
79 212	5433N	16537W	18208.3	34685.3	48176.9	175.	18.0	15120.	16053.	1.0617	6.02	739.	17380.
78 212	5441N	16558W	18220.1	34720.2	48310.6	159.	17.0	18480.	19268.	1.0427	7.80	1379.	27060.
79 118	5516N	16748W	18252.2	34919.0	49002.5	148.	16.4	13860.	14299.	1.0317	6.56	1061.	16500.
79 2 2	5435N	16535W	18219.4	34677.4	48169.0	180.	16.6	15120.	15477.	1.0236	5.23	1516.	18260.
79 210	5605N	16928W	18381.3	35079.9	49679.0	104.	15.8	15200.	15515.	1.0207	5.30	2982.	20240.
78 214	5441N	16553W	18225.9	34708.7	48282.2	142.	17.5	18480.	18587.	1.0058	7.07	745.	28600.
79 2 2	5602N	17008W	18253.6	35128.5	49829.5	79.	17.0	15200.	15166.	0.9978	5.59	2310.	17600.
79 117	5233N	16937W	17034.9	35102.3	48967.6	86.	7.7	10000.	9972.	0.9972	7.35	148.	10120.
78 215	5441N	16552W	18227.0	34706.4	48276.5	159.	18.0	18480.	18389.	0.9951	9.21	704.	23540.
79 111	5604N	16959W	18296.0	35121.2	49805.5	82.	16.0	13860.	13663.	0.9858	5.71	1216.	14960.
79 217	5433N	16536W	18209.5	34683.0	48171.2	170.	18.0	15120.	14869.	0.9834	4.96	397.	16060.
79 1 9	5413N	16743W	17909.3	34959.9	48794.3	137.	16.0	13860.	13629.	0.9833	6.40	115.	13860.
79 2 7	5434N	16540W	18209.3	34690.5	48195.7	186.	17.3	15120.	14805.	0.9792	5.49	1156.	16940.
79 221	5441N	16640W	18166.6	34813.9	48544.2	170.	15.5	15120.	14752.	0.9757	4.89	187.	19360.
79 119	5500N	16721W	18205.4	34879.0	48813.4	153.	16.7	13860.	13503.	0.9742	7.04	1783.	17820.
79 312	5432N	16536W	18205.1	34684.7	48169.5	98.	18.0	20520.	19888.	0.9692	5.34	2254.	22440.
79 118	5233N	16948W	16996.5	35108.8	49005.1	93.	7.0	10000.	9672.	0.9672	9.88	250.	10120.
78 2 3	5440N	16535W	18241.3	34668.7	48177.5	137.	16.3	15120.	14432.	0.9545	8.48	6338.	23320.
79 2 3	5433N	16537W	18208.3	34685.3	48176.9	186.	17.8	15120.	14264.	0.9434	5.29	1751.	16940.
79 117	5232N	16947W	16994.7	35108.2	48996.9	98.	7.0	11000.	10343.	0.9402	6.35	406.	11440.
79 3 5	5231N	16957W	16953.6	35113.6	49029.5	115.	9.0	7980.	7492.	0.9388	8.14	281.	8140.
79 310	5301N	16910W	17275.3	35082.5	48950.8	137.	5.3	8100.	7562.	0.9335	7.98	204.	7920.
78 2 4	5443N	16601W	18225.8	34723.8	48331.4	153.	17.0	15120.	14022.	0.9274	7.91	3891.	24640.
79 116	5232N	16946W	16998.3	35107.7	48995.5	96.	9.3	11000.	9999.	0.9090	9.06	289.	10340.
79 2 1	5436N	16535W	18223.8	34675.7	48170.7	175.	17.7	15120.	13715.	0.9071	5.66	537.	15400.
79 130	5602N	17010W	18247.1	35129.9	49836.5	79.	17.5	15200.	13782.	0.9067	5.79	2817.	16720.
79 131	5605N	17021W	18231.9	35135.7	49886.8	79.	17.5	15200.	13657.	0.8985	5.43	2274.	16280.
79 3 3	5325N	16610W	17844.4	34834.3	49223.2	109.	11.0	15000.	13468.	0.8978	6.05	6158.	23980.
79 223	5300N	16724W	17565.4	34965.7	48515.8	109.	18.0	14400.	12865.	0.8934	7.04	2894.	19360.
79 110	5516N	16746W	18255.2	34914.6	48991.8	126.	16.0	13860.	12256.	0.8842	5.70	501.	13420.
79 215	5443N	16546W	18242.7	34689.1	48245.9	164.	13.3	11520.	10156.	0.8816	5.24	150.	13200.
79 120	5515N	16748W	18246.7	34920.1	48999.6	153.	18.0	13860.	12074.	0.8711	6.83	949.	14300.
79 2 9	5606N	16930W	18384.0	35082.9	49692.3	131.	15.5	15200.	13196.	0.8681	5.63	4680.	22660.
78 213	5440N	16614W	18196.1	34758.0	48398.6	175.	18.0	18480.	15671.	0.8480	6.49	275.	22880.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE B-7 (continued). PACIFIC COD, JANUARY-MARCH

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
79 220	5603N	17012W	18247.9	35131.2	49848.0	74.	14.3	13680.	11451.	0.8371	4.31	1949.	13420.
79 2 4	5603N	17008W	18261.0	35128.6	49834.0	78.	13.2	13680.	11429.	0.8355	5.59	1185.	12760.
79 218	5433N	16541W	18203.7	34694.4	48199.6	175.	17.7	15120.	12480.	0.8254	4.91	210.	13420.
79 322	5303N	16718W	17594.8	34956.1	48496.3	98.	13.1	15600.	12611.	0.8084	7.26	909.	13860.
79 125	5502N	16723W	18213.1	34881.0	48829.4	126.	17.0	13860.	11129.	0.8029	5.75	3360.	16540.
79 211	5434N	16541W	18208.2	34692.8	48201.4	186.	18.0	15120.	11862.	0.7845	6.33	777.	13420.
79 218	5601N	17001W	18266.0	35123.0	49799.6	77.	16.5	15200.	11663.	0.7673	5.43	3293.	14960.
79 2 6	5444N	16545W	18248.2	34605.0	48241.9	153.	16.8	15120.	11555.	0.7642	5.21	1002.	13200.
79 128	5517N	16750W	18254.8	34922.2	49016.0	148.	15.7	13860.	10475.	0.7558	5.72	1340.	13640.
79 1 5	5424N	15943W	18425.6	33884.9	46064.0	96.	16.3	13860.	10347.	0.7465	6.30	170.	10560.
79 117	5530N	16815W	18290.5	34962.1	49187.9	98.	16.1	13860.	10340.	0.7460	5.86	871.	11880.
79 127	5501N	16723W	18207.8	34882.1	48826.8	131.	16.7	13860.	10267.	0.7409	6.54	1585.	13640.
79 210	5434N	16537W	18212.8	34683.6	48178.6	175.	17.2	15120.	11190.	0.7401	5.44	990.	13200.
79 124	5500N	16723W	18202.5	34883.3	48824.1	142.	17.4	13860.	10199.	0.7358	6.04	1067.	12760.
79 211	5434N	16539W	18210.5	34688.2	48190.0	180.	17.1	15120.	11046.	0.7306	5.80	692.	12100.
79 220	5433N	16639W	18132.6	34815.5	48504.2	131.	16.4	14040.	10252.	0.7302	4.54	237.	11440.
79 2 8	5435N	16533W	18221.6	34672.8	48157.6	191.	16.8	15120.	11030.	0.7295	5.27	928.	12760.
79 1 2	5432N	15901W	18461.4	33769.1	45805.8	120.	17.5	13860.	10069.	0.7265	5.25	18.	10560.
79 2 9	5434N	16536W	18213.9	34681.4	48173.0	170.	16.5	15120.	10959.	0.7248	5.38	674.	12320.
79 2 3	5604N	17017W	18238.5	35134.0	49869.3	78.	16.5	15200.	10947.	0.7202	5.59	1730.	12760.
79 1 8	5442N	16600W	18222.4	34723.2	48323.8	137.	15.5	13860.	9973.	0.7195	6.45	1220.	12980.
78 224	5444N	16649W	18168.9	34829.5	48600.2	126.	20.0	18480.	13212.	0.7149	4.80	1940.	16060.
79 212	5602N	16954W	18295.8	35116.2	49777.3	92.	12.0	11400.	8066.	0.7075	5.61	2623.	10780.
79 2 4	5433N	16536W	18209.5	34683.0	48171.2	180.	16.3	15120.	10674.	0.7060	5.27	426.	11660.
79 213	5434N	16535W	18215.0	34679.1	48167.3	164.	17.5	15120.	10652.	0.7045	4.62	790.	12760.
78 211	5445N	16600W	18236.1	34718.2	48329.6	120.	18.0	18480.	12997.	0.7033	6.87	2346.	22440.
79 123	5529N	16819W	18278.2	34971.5	49205.5	142.	16.3	13860.	9707.	0.7004	5.49	1612.	12100.
79 1 4	5431N	15903W	18458.4	33776.5	45818.8	93.	17.0	13860.	9412.	0.6791	5.68	178.	9680.
79 130	5440N	16533W	18243.5	34664.0	48166.0	164.	17.0	15120.	10026.	0.6631	6.32	429.	11000.
79 116	5529N	16815W	18284.7	34963.1	49184.7	126.	16.4	13860.	9141.	0.6595	5.13	1361.	11880.
78 225	5445N	16543W	18254.7	34678.5	48232.2	126.	18.0	18480.	11989.	0.6488	4.94	1013.	13860.
79 114	5459N	16715W	18208.9	34867.2	48778.4	131.	16.3	13860.	8569.	0.6183	6.73	1765.	11880.
79 326	5437N	16527W	18236.8	34655.4	48126.5	82.	14.0	21840.	13269.	0.6076	4.28	1179.	14520.
78 330	5446N	16531W	18271.5	34648.2	48164.4	96.	13.0	17640.	10187.	0.5775	6.03	1432.	12320.
79 2 5	5602N	17013W	18237.2	35131.7	49846.9	78.	13.0	13680.	7713.	0.5632	5.65	2045.	11000.
79 126	5233N	16946W	17003.5	35107.7	48998.3	74.	10.0	11000.	6084.	0.5531	7.77	76.	6160.
78 216	5441N	16553W	18225.9	34708.7	48282.2	175.	19.0	18480.	9932.	0.5374	7.07	326.	16940.
79 324	5449N	16522W	18292.9	34620.8	48116.6	82.	15.0	21840.	11643.	0.5331	5.19	839.	12540.
79 2 8	5609N	16926W	18413.0	35074.7	49886.0	227.	17.5	15200.	7979.	0.5249	6.20	4367.	20460.
79 1 6	5404N	16203W	18290.9	34252.5	46902.4	98.	15.0	20000.	10480.	0.5240	7.45	1258.	13860.
79 126	5516N	16747W	18253.7	34916.8	48997.1	120.	16.7	13860.	7171.	0.5174	4.87	1233.	9020.
79 227	5247N	16927W	17143.6	35095.7	48972.2	109.	5.0	4320.	2224.	0.5149	5.65	1076.	3300.
79 322	5602N	16938W	18337.6	35096.4	49711.2	98.	11.0	16380.	8431.	0.5147	3.97	1594.	11660.
79 114	5238N	16955W	16998.2	35112.8	49042.7	126.	6.5	10000.	5083.	0.5083	6.97	388.	5720.
79 110	5611N	17055W	18137.9	35131.8	50003.5	113.	6.0	10000.	4839.	0.4839	6.56	1407.	6600.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE B-7 (continued). PACIFIC COD, JANUARY-MARCH

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 1 5	5813N	16951W	18384.2	35112.1	49814.3	78.	12.0	20000.	9596.	0.4798	6.75	1041.	11000.
78 223	5444N	16606W	18224.5	34733.7	48361.7	131.	18.0	16480.	8811.	0.4768	6.26	2711.	14080.
79 325	5448N	16524W	18286.8	34627.6	48126.7	82.	14.2	21840.	10012.	0.4584	3.04	2199.	12320.
78 331	5432N	16537W	18203.9	34687.0	48175.2	101.	19.7	20580.	9181.	0.4461	4.95	1230.	11000.
78 222	5441N	16608W	18208.2	34743.0	48367.0	175.	18.0	18480.	7985.	0.4321	6.48	513.	12540.
78 328	5449N	16614W	18238.4	34744.1	48416.9	93.	17.1	20580.	8701.	0.4228	3.72	1813.	11000.
79 215	5520N	16755W	18264.1	34929.7	49051.5	139.	15.0	15200.	5304.	0.3490	3.70	3029.	13420.
78 322	5449N	16613W	18239.6	34741.8	48411.3	90.	17.0	20580.	6613.	0.3213	3.98	1897.	9020.
79 1 7	5301N	16726W	17565.6	34968.0	48527.1	102.	14.0	20000.	6313.	0.3157	6.91	783.	10120.
78 324	5447N	16550W	18256.1	34691.4	48276.1	85.	16.1	20580.	5803.	0.2819	3.88	2551.	8580.
78 325	5453N	16600W	18272.4	34704.5	48344.7	82.	19.5	20580.	5737.	0.2787	3.83	2409.	8360.
78 2 6	5444N	16629W	18196.1	34785.7	48490.5	142.	16.0	14400.	3235.	0.2247	6.27	2113.	11440.
78 329	5451N	16548W	18276.0	34679.5	48271.7	90.	17.2	20580.	4453.	0.2164	3.87	2725.	7260.
78 323	5448N	16613W	18234.9	34743.4	48409.3	82.	18.2	20580.	4379.	0.2128	3.67	2860.	7920.
78 327	5452N	16641W	18219.6	34801.2	48574.9	90.	17.0	20580.	3908.	0.1899	3.45	2127.	7260.
79 3 1	5300N	16910W	17269.8	35082.5	48947.9	219.	27.9	19980.	3460.	0.1732	7.11	445.	7040.
79 3 5	5312N	16916W	17317.0	35086.9	49005.4	410.	14.0	17000.	1454.	0.0855	6.82	414.	14520.
79 3 7	5304N	16959W	17126.2	35115.6	49132.7	273.	15.0	11988.	874.	0.0729	8.27	7270.	16280.
79 317	5223N	17002W	16893.8	35115.9	49023.5	383.	18.0	17100.	627.	0.0367	3.61	6174.	9900.
79 321	5446N	16614W	18224.3	34748.9	48410.9	101.	16.5	20580.	449.	0.0218	3.71	280.	5940.
79 318	5259N	16720W	17569.9	34960.6	48495.7	492.	22.7	18900.	55.	0.0029	6.53	20000.	29260.
79 326	5300N	16917W	17247.3	35088.1	48973.7	410.	19.0	16960.	25.	0.0015	7.04	1537.	8800.
79 322	5557N	17005W	18226.3	35126.1	49796.3	383.	15.0	16960.	9.	0.0005	4.40	5231.	13860.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

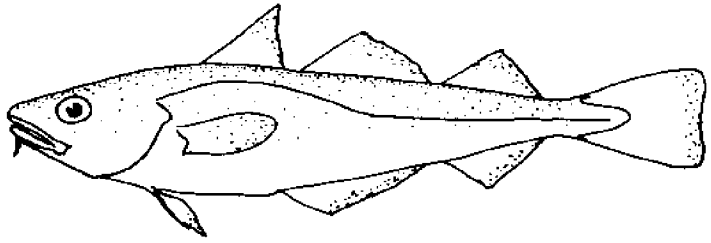


TABLE B-8. PACIFIC COD, APRIL-JUNE

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
78 610	5435N	15844W	18474.2	33723.1	45701.1	98.	13.0	20500.	71063.	3.4665	7.37	0.	74580.
78 6 9	5428N	15922W	18444.0	33826.9	45935.1	93.	12.0	21000.	70245.	3.3450	5.27	121.	70840.
78 611	5426N	15956W	18424.7	33907.7	46139.8	88.	11.0	20000.	53962.	2.6981	4.54	1013.	55220.
78 612	5428N	15928W	18441.6	33840.0	45970.8	93.	11.0	20000.	52552.	2.6276	5.41	0.	52800.
79 611	5535N	16630W	18295.9	34988.8	49282.1	137.	16.0	20720.	36429.	1.7582	5.97	1393.	38940.
79 618	5457N	16709W	18207.0	34856.6	48740.7	115.	16.0	20720.	28154.	1.3588	6.76	875.	31460.
79 6 1	5258N	16911W	17255.7	35083.4	48945.8	126.	11.0	12000.	15301.	1.2751	7.30	1987.	18920.
79 522	5517N	16753W	16250.2	34928.6	49032.0	164.	9.1	10360.	10577.	1.0209	6.69	1776.	.2760.
79 617	5457N	16700W	18219.5	34836.8	48691.6	115.	15.1	20720.	20478.	0.9883	5.83	1345.	23320.
79 6 5	5523N	16755W	18280.9	34926.3	49060.4	112.	15.0	20165.	19883.	0.9860	6.26	662.	22000.
79 5 2	5423N	16004W	18413.6	33934.2	46190.0	93.	17.5	23520.	21364.	0.9083	5.84	925.	23320.
79 6 4	5530N	16815W	18290.5	34962.1	49187.9	109.	15.3	20720.	18314.	0.8839	6.62	597.	20460.
79 5 3	5418N	16030W	18386.0	34006.4	46348.3	93.	14.0	16800.	13607.	0.8100	5.62	342.	16940.
79 530	5500N	16720W	18206.9	34876.9	48808.0	159.	14.5	20720.	14398.	0.6949	5.81	1356.	17820.
79 522	5617N	16947W	18423.4	35106.1	49815.3	98.	13.0	16300.	11081.	0.6596	5.10	4868.	17160.
79 522	5522N	16756W	18273.8	34929.6	49062.8	109.	16.1	20720.	13615.	0.6571	5.45	2598.	16500.
79 612	5437N	15830W	18483.4	33686.9	45815.4	98.	14.0	19200.	12485.	0.6502	5.36	1766.	15180.
79 4 8	5618N	16930W	18466.8	35077.4	49741.9	109.	12.5	16200.	10438.	0.6443	5.35	4420.	15180.
79 531	5454N	16658W	18207.0	34836.3	48673.3	148.	14.4	20720.	13285.	0.6412	5.59	1076.	16280.
78 6 1	5400N	16300W	18232.9	34390.2	47233.8	350.	18.5	20160.	9741.	0.4832	10.31	1687.	13640.
79 412	5444N	16618W	18210.0	34761.0	48429.2	98.	12.0	19330.	8756.	0.4777	4.80	756.	12760.
79 525	5259N	16911W	17261.1	35083.4	48948.7	328.	16.0	19200.	8435.	0.4393	8.45	1101.	12320.
78 4 3	5444N	16522W	18271.9	34630.6	48108.6	104.	18.0	20580.	8736.	0.4245	6.28	1332.	10780.
78 4 1	5446N	16528W	18274.4	34641.1	48146.9	104.	17.0	20580.	8507.	0.4133	6.02	1359.	10560.
78 4 5	5447N	16528W	18278.7	34639.1	48148.5	88.	16.2	20580.	7612.	0.3699	4.99	1408.	9020.
78 4 7	5449N	16525W	18290.1	34628.0	48134.2	93.	14.8	20580.	7379.	0.3586	5.69	572.	8140.
79 412	5515N	16745W	18251.2	34913.6	48983.5	260.	15.5	18500.	6629.	0.3583	4.19	4799.	13860.
78 4 6	5448N	16525W	18283.9	34630.0	48132.6	90.	19.3	20580.	7236.	0.3516	6.08	964.	8360.
78 4 9	5445N	16524W	18274.1	34633.4	48122.0	98.	15.3	20580.	6748.	0.3279	5.01	466.	7260.
78 410	5446N	16524W	18273.4	34631.5	48123.6	101.	18.0	20580.	6324.	0.3073	5.11	277.	6820.
78 4 4	5446N	16527W	18275.4	34638.7	48141.1	101.	15.5	20580.	6200.	0.3012	5.46	2221.	8800.
78 4 2	5445N	16545W	18252.6	34683.2	48243.7	101.	17.3	20580.	5780.	0.2813	4.79	2903.	8800.
78 4 8	5450N	16527W	18292.4	34630.9	48147.5	88.	15.5	20580.	5593.	0.2718	3.74	332.	5940.
78 411	5448N	16536W	18275.1	34658.4	48196.8	104.	16.5	20580.	5099.	0.2478	4.85	615.	5940.
79 6 7	5310N	16942W	17219.5	35109.8	49092.8	246.	16.0	16800.	3047.	0.1814	5.64	3232.	10780.
79 4 9	5431N	16536W	18200.6	34686.4	48167.8	88.	13.6	21840.	3104.	0.1421	3.94	470.	3740.
78 416	5354N	16317W	18196.4	34440.5	47328.1	328.	17.5	22260.	124.	0.0056	11.88	6492.	15400.
79 413	5420N	16700W	18028.7	34877.9	48599.7	410.	12.3	16380.	22.	0.0013	0.88	14303.	16720.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE B-9. PACIFIC COD, JULY-SEPTEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES ZX	ZY	ZZ	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	********	********	**********	*********	********	********
78 821	5425N	15948W	18425.8	33693.0	46092.9	77.	15.0	17220.	59418.	3.4505	5.92	1354.	63360.
79 9 4	5436N	15831W	18480.9	33692.2	45622.8	98.	15.0	21280.	55690.	2.6170	8.71	502.	56760.
79 9 7	5519N	16752W	18263.0	34924.3	49032.6	153.	16.6	19950.	42201.	2.1153	7.96	1521.	47960.
79 9 6	5612N	16909W	18463.1	35038.6	49613.4	153.	15.7	18240.	33909.	1.8591	8.66	4487.	46200.
79 9 4	5511N	16743W	18232.1	34913.7	48561.4	159.	15.8	18240.	32428.	1.7779	8.54	1100.	37620.
79 716	5616N	16937W	18438.9	35090.8	49766.5	126.	13.3	13800.	24019.	1.7405	7.10	1444.	25740.
79 9 5	5428N	15833W	18463.1	33721.6	45646.0	93.	14.5	21280.	36854.	1.7319	8.96	754.	39820.
79 717	5558N	16840W	18419.1	34987.6	49411.4	224.	17.0	16800.	29031.	1.7281	7.31	1382.	31460.
79 918	5436N	15835W	18479.5	33700.7	45646.4	120.	10.5	16800.	26650.	1.5863	8.10	3046.	33440.
79 917	5434N	15841W	18473.1	33719.9	45684.7	120.	11.4	16800.	25953.	1.5448	7.86	257.	28600.
79 916	5435N	15841W	18475.3	33716.7	45683.3	104.	11.0	16800.	25390.	1.5113	7.58	574.	28600.
78 913	5446N	15832W	18501.4	33662.0	45614.4	93.	20.9	20160.	29434.	1.4600	7.04	501.	30140.
79 7 9	5617N	16937W	18445.9	35090.5	49770.7	109.	13.3	15640.	21940.	1.4028	8.20	1497.	23540.
79 710	5616N	16935W	18443.1	35087.4	49757.2	109.	12.0	13800.	19179.	1.3898	6.60	1993.	21780.
78 917	5418N	16037W	18384.4	34022.1	46390.0	82.	16.0	15990.	22150.	1.3852	7.65	418.	22880.
79 817	5439N	15819W	18491.2	33657.2	45547.5	98.	12.0	17640.	23739.	1.3457	9.32	707.	29040.
79 719	5530N	16821W	18280.9	34974.7	49219.1	180.	17.3	16800.	22244.	1.3241	6.86	1739.	30140.
79 9 2	5453N	16705W	18192.0	34852.9	48708.9	164.	15.7	18240.	24051.	1.3186	8.13	1204.	32340.
79 716	5534N	16829W	18291.5	34987.6	49273.6	235.	16.3	16800.	21529.	1.2815	6.61	1456.	27500.
79 9 5	5601N	16836W	18442.3	34974.5	49399.5	153.	17.4	17727.	22549.	1.2720	8.36	4406.	38060.
79 715	5616N	16938W	18436.7	35092.5	49771.0	126.	13.5	13800.	17436.	1.2635	7.34	1396.	18920.
79 712	5615N	16939W	18427.5	35094.5	49771.3	109.	16.0	14720.	18185.	1.2354	6.74	4268.	22660.
78 916	5447N	15833W	18503.1	33660.8	45619.0	88.	20.6	20160.	24737.	1.2271	7.04	342.	25300.
79 814	5452N	15822W	18516.5	33620.7	45545.8	98.	12.0	17640.	20730.	1.1752	7.22	1235.	22440.
79 714	5616N	16939W	18434.6	35094.2	49775.6	104.	13.5	13800.	15636.	1.1330	6.68	728.	16500.
79 815	5434N	15838W	18474.2	33713.5	45666.9	88.	11.0	17640.	19739.	1.1190	6.66	1017.	20900.
79 715	5507N	16740W	18214.8	34911.7	48934.0	235.	16.0	16800.	18548.	1.1040	5.70	4054.	25300.
78 7 9	5421N	16015W	18403.3	33964.5	46257.0	98.	14.0	15540.	16614.	1.0691	7.04	603.	17600.
78 911	5448N	15828W	18506.7	33646.9	45587.6	77.	18.9	20160.	21303.	1.0567	7.04	171.	21780.
78 821	5619N	16940W	18453.7	35094.8	49793.0	164.	18.5	20000.	21021.	1.0511	8.25	1034.	22440.
78 7 7	5419N	16046W	18382.3	34039.6	46443.2	98.	13.0	15540.	16318.	1.0501	5.07	1273.	19140.
78 921	5458N	15833W	18525.2	33623.8	45603.7	88.	17.3	20160.	21149.	1.0491	6.80	194.	22000.
78 910	5447N	15832W	18503.4	33658.7	45613.0	98.	17.9	20160.	20924.	1.0379	7.04	1017.	23980.
78 918	5448N	15827W	18507.0	33644.7	45581.6	98.	18.5	20160.	20907.	1.0371	6.80	570.	21780.
79 9 3	5500N	16727W	18196.4	34891.8	48645.5	164.	15.5	18240.	18607.	1.0201	7.70	1056.	26620.
78 9 6	5536N	16935W	18163.2	35096.6	49589.4	115.	15.0	17220.	17249.	1.0017	5.80	7351.	26620.
78 9 5	5602N	16935W	18344.8	35092.0	49698.1	96.	15.0	17220.	17007.	0.9877	4.58	917.	18040.
79 712	5616N	16935W	18443.1	35087.4	49757.2	109.	15.0	17480.	17256.	0.9872	7.42	1012.	18480.
78 915	5458N	15830W	18526.1	33617.4	45585.4	88.	17.9	20160.	19902.	0.9872	7.04	462.	20880.
79 713	5616N	16939W	18434.6	35094.2	49775.6	109.	14.2	13800.	13620.	0.9870	6.12	1615.	16280.
78 921	5418N	16046W	18379.6	34042.4	46443.7	77.	17.0	15990.	15380.	0.9619	6.46	1266.	17160.
78 915	5448N	15827W	18507.0	33644.7	45581.6	104.	21.7	20160.	19338.	0.9592	6.80	869.	20900.
79 826	5456N	15820W	18524.9	33602.9	45527.0	98.	14.8	19950.	17714.	0.8879	7.73	462.	18700.
78 920	5449N	15829W	18508.4	33645.7	45592.2	93.	18.2	20160.	17735.	0.8797	6.80	328.	18700.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE B-9 (continued). PACIFIC COD, JULY-SEPTEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES ZX	ZY	ZZ	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	*******	*******	*******	*****	*****	*********	*********	**********	*********	********	********
79 917	5450N	16659W	18185.1	34843.6	48869.0	153.	16.2	19950.	17402.	0.8723	7.51	1850.	33660.
79 824	5453N	15822W	18518.5	33617.4	45544.3	98.	15.9	19950.	16733.	0.8387	8.83	481.	18040.
78 827	5617N	16941W	18437.3	35097.1	49788.9	170.	16.1	20000.	16698.	0.8349	6.66	698.	17820.
78 823	5616N	16940W	18432.4	35095.8	49780.1	167.	17.3	20000.	16587.	0.8294	5.80	622.	17600.
78 9 4	5601N	16940W	18325.7	35099.3	49715.5	90.	15.0	17220.	14173.	0.8231	4.17	388.	14740.
78 7 8	5417N	16123W	18356.1	34128.9	46664.9	88.	13.0	15540.	12497.	0.8042	6.81	563.	13640.
78 814	5433N	16539W	18206.0	34689.9	48183.3	175.	17.5	20000.	15835.	0.7918	6.79	618.	17160.
78 828	5606N	16929W	18386.1	35081.2	49687.7	164.	16.3	20000.	15761.	0.7880	5.12	1237.	17820.
79 920	5433N	15833W	18473.9	33706.0	45638.8	109.	10.0	16800.	13176.	0.7843	7.25	250.	14080.
78 825	5607N	16939W	18370.7	35096.7	49736.9	170.	17.1	20000.	15675.	0.7837	5.92	1475.	18260.
78 716	5448N	15806W	18513.3	33600.3	45456.5	77.	16.0	23200.	17851.	0.7694	4.76	482.	19580.
78 9 4	5418N	16056W	18374.2	34064.9	46503.4	71.	17.5	19200.	14757.	0.7686	6.60	604.	15840.
78 715	5428N	15958W	18426.7	33906.2	46150.2	77.	16.1	23200.	17751.	0.7651	5.78	1062.	18920.
78 813	5442N	16557W	18225.8	34716.3	48306.8	175.	17.2	20000.	15037.	0.7519	6.39	535.	15620.
78 9 9	5418N	16050W	18377.5	34051.4	46467.6	71.	17.0	19200.	13920.	0.7250	6.25	714.	15620.
78 9 3	5419N	16058W	18375.9	34066.7	46514.9	88.	17.0	19200.	13902.	0.7241	6.60	771.	15400.
78 9 5	5418N	16055W	18374.8	34062.7	46497.4	60.	18.0	19200.	13856.	0.7217	5.72	523.	14960.
78 826	5601N	16936W	18335.4	35093.7	49698.2	164.	17.4	20000.	14254.	0.7127	5.52	1643.	16500.
78 830	5616N	16933W	18447.2	35083.9	49747.9	170.	16.3	20000.	14136.	0.7068	6.88	2237.	17820.
78 519	5417N	16034W	18383.3	34018.2	46372.7	98.	13.0	11275.	7923.	0.7027	7.20	66.	9680.
78 9 2	5417N	16100W	18369.3	34076.7	46527.6	82.	17.5	17520.	12143.	0.6931	6.69	1636.	16500.
79 712	5418N	16023W	18391.6	33990.8	46306.6	93.	18.0	16800.	11522.	0.6859	6.67	1023.	15180.
79 713	5408N	16138W	18320.3	34186.2	46755.2	82.	17.0	16800.	11303.	0.6728	6.34	2669.	16720.
78 9 7	5417N	16118W	18359.1	34117.5	46635.1	71.	16.5	19200.	12834.	0.6684	5.72	925.	14520.
78 9 8	5419N	16112W	18368.2	34098.5	46598.7	77.	17.0	17280.	11386.	0.6589	5.72	868.	12760.
78 9 8	5607N	16951W	18340.5	35112.6	49787.5	104.	15.0	17220.	11307.	0.6566	4.65	1789.	13420.
78 723	5430N	15940W	18441.3	33660.3	46040.6	77.	15.5	20000.	13041.	0.6520	5.79	685.	14300.
78 914	5432N	15859W	18462.1	33764.8	45793.9	93.	19.3	20160.	12965.	0.6431	7.04	2129.	16280.
78 711	5428N	15928W	18441.6	33840.0	45970.8	104.	15.4	23200.	14413.	0.6213	6.18	44.	14960.
78 9 6	5418N	16053W	18375.9	34058.1	46485.5	82.	17.0	19200.	11897.	0.6197	5.72	1010.	13640.
78 9 1	5405N	16200W	18296.2	34243.3	46884.9	98.	18.0	19200.	11582.	0.6032	8.30	858.	12540.
79 520	5437N	15830W	18483.4	33686.9	45615.4	109.	11.6	16800.	10001.	0.5953	7.34	934.	16940.
78 724	5440N	16614W	18196.1	34758.0	48398.6	164.	16.6	20000.	11817.	0.5903	6.18	1036.	13200.
79 827	5455N	15822W	18522.4	33510.6	45541.4	98.	16.7	19950.	11568.	0.5798	8.42	260.	12320.
78 8 5	5600N	16830W	18444.0	34961.3	49363.3	153.	16.2	20000.	11083.	0.5541	5.58	287.	11440.
78 812	5516N	16749W	18250.7	34921.1	49007.8	197.	18.2	20000.	11008.	0.5504	5.72	506.	12320.
79 825	5437N	15834W	18482.0	33695.4	45639.1	98.	15.8	19950.	10663.	0.5355	6.82	737.	13200.
78 816	5430N	16539W	18192.7	34694.8	48183.0	159.	16.5	20000.	10482.	0.5241	6.37	1244.	11880.
78 713	5402N	16302W	18238.2	34390.5	47246.5	82.	16.3	23200.	11793.	0.5083	6.33	352.	12760.
78 710	5428N	15930W	18440.7	33844.4	45982.8	93.	16.0	23200.	11794.	0.5084	6.08	306.	12320.
78 815	5431N	16541W	18194.8	34697.7	48196.0	170.	16.5	20000.	10138.	0.5069	6.79	844.	11220.
78 8 2	5554N	16850W	18375.5	35013.8	49450.3	126.	15.8	17500.	8826.	0.5043	4.89	816.	9680.
78 727	5312N	16904W	17354.9	35076.8	48960.4	109.	17.7	19000.	8847.	0.4656	6.36	304.	9240.
78 817	5439N	16539W	18232.6	34679.7	48193.7	172.	17.0	20000.	9085.	0.4543	7.41	1715.	11220.
78 8 4	5558N	16839W	18420.5	34985.3	49400.0	164.	18.0	20000.	8882.	0.4441	6.77	495.	9460.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE B-9 (continued). PACIFIC COD, JULY-SEPTEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
78 8 1	5553N	16854W	18366.6	35023.0	49467.2	137.	16.0	20000.	8836.	0.4418	6.68	846.	9900.
78 8 3	5555N	16846W	18392.0	35004.3	49433.1	153.	17.0	20000.	8817.	0.4408	6.45	2708.	12320.
78 818	5507N	16739W	18216.2	34969.6	48928.7	159.	16.5	20000.	8746.	0.4373	5.88	640.	9460.
78 9 3	5603N	16820W	18472.4	34931.5	49316.0	88.	15.0	17220.	7373.	0.4281	5.18	712.	8800.
78 8 6	5602N	16823W	18463.6	34940.8	49330.2	153.	16.0	20000.	8225.	0.4112	5.53	400.	8800.
78 822	5615N	16945W	18411.3	35105.1	49802.2	170.	17.5	20000.	8123.	0.4062	6.28	978.	9240.
79 8 4	5447N	16530W	18276.7	34643.9	48160.2	109.	13.5	21280.	8630.	0.4055	3.78	369.	9020.
78 8 9	5618N	16940W	18446.6	35095.1	49788.7	142.	16.0	20000.	7932.	0.3966	6.43	585.	8580.
78 714	5429N	15925W	18445.1	33830.4	45951.9	71.	15.4	23200.	8070.	0.3478	5.17	990.	9240.
78 8 7	5613N	16918W	18454.8	35056.8	49662.9	142.	16.9	20000.	6956.	0.3478	6.15	1317.	9020.
78 819	5442N	16605W	18216.5	34734.6	48352.1	159.	16.0	20000.	6955.	0.3478	6.21	362.	7920.
78 8 8	5617N	16941W	18437.3	35097.1	49788.9	153.	16.9	20000.	6743.	0.3371	6.77	452.	7260.
78 824	5609N	16829W	18496.1	34945.0	49384.7	164.	16.3	20000.	1535.	0.0767	6.35	354.	1980.
79 818	5444N	15800W	18507.3	33601.0	45427.6	109.	13.0	17640.	1159.	0.0657	5.66	6161.	11880.
79 914	5237N	16904W	17165.8	35078.7	48881.2	355.	16.5	19950.	37.	0.0019	7.26	27125.	31020.
79 717	5400N	16250W	18241.4	34367.7	47175.8	295.	18.0	17480.	20.	0.0012	4.84	5622.	16720.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

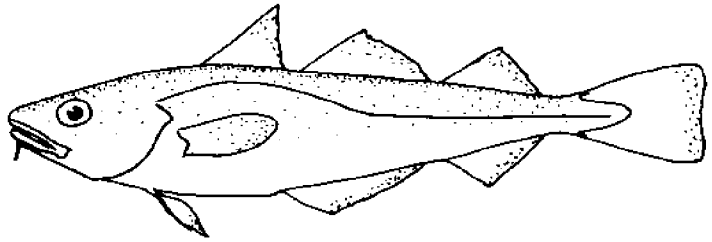


TABLE B-10. PACIFIC COD, OCTOBER-DECEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
791231	5442N	15810W	18500.2	33628.5	45489.7	148.	12.5	16000.	53821.	3.3638	6.97	1071.	57200.
791230	5440N	15817W	18493.9	33649.8	45534.2	137.	12.0	16000.	51661.	3.2288	9.22	754.	54560.
7811 7	5450N	15828W	18510.7	33640.2	45584.8	98.	18.0	14000.	42983.	3.0702	6.10	547.	44000.
7811 4	5450N	15823W	18512.2	33629.6	45554.8	98.	19.0	14000.	39937.	2.8527	6.18	282.	40920.
7811 2	5459N	15836W	18526.4	33626.8	45620.5	82.	16.0	14000.	35798.	2.5570	6.09	62.	35860.
7912 6	5440N	15823W	18491.9	33662.4	45569.6	120.	12.0	15200.	38751.	2.5494	7.57	955.	41800.
781111	5447N	15823W	18500.2	33639.5	45559.2	101.	16.0	15120.	37744.	2.4963	6.90	881.	39160.
7811 1	5502N	15836W	18532.3	33616.5	45616.5	90.	16.0	14000.	33500.	2.3929	6.20	516.	37400.
781031	5455N	15826W	18521.3	33619.1	45565.5	98.	17.0	14000.	32825.	2.3446	5.90	932.	37180.
791225	5439N	15818W	18491.5	33655.1	45541.6	115.	13.0	16000.	36813.	2.3008	6.01	581.	38060.
781019	5453N	15831W	18515.9	33636.5	45598.5	93.	16.5	14400.	32932.	2.2869	6.49	375.	34100.
781022	5452N	15831W	18513.9	33639.9	45599.9	88.	16.0	14400.	32439.	2.2527	6.27	830.	34100.
781027	5417N	16028W	18396.4	34004.8	46237.0	88.	17.0	14000.	29809.	2.1292	4.88	2712.	34540.
7811 9	5447N	15826W	18505.3	33645.9	45577.1	88.	16.0	14040.	29694.	2.1149	8.29	415.	30140.
781017	5445N	15824W	18501.8	33648.3	45568.1	104.	17.0	14400.	29848.	2.0727	8.25	600.	31680.
781111	5452N	15820W	18517.1	33616.5	45533.8	104.	16.0	15200.	30735.	2.0220	5.93	444.	31680.
791029	5444N	15800W	18507.3	33601.0	45427.6	93.	13.8	18800.	37991.	2.0208	5.98	1380.	40700.
7812 4	5609N	16941W	18380.2	35099.2	49754.3	115.	13.0	7600.	15334.	2.0176	7.25	982.	16720.
781018	5435N	15840W	18475.6	33714.6	45677.4	104.	16.5	14400.	28099.	1.9513	7.70	632.	29700.
781110	5456N	15818W	18525.5	33598.7	45515.8	96.	16.0	15200.	29137.	1.9169	6.33	120.	29480.
781119	5446N	15819W	18505.4	33634.4	45536.9	90.	17.0	15120.	28744.	1.9010	7.04	375.	30140.
791226	5450N	15814W	18514.9	33610.5	45500.9	120.	11.0	16000.	30276.	1.8922	4.49	762.	31900.
781021	5449N	15827W	18509.0	33641.4	45580.2	104.	16.5	14400.	27089.	1.8812	6.60	851.	29040.
781020	5449N	15826W	18509.3	33639.3	45574.2	109.	15.0	14400.	25593.	1.7773	6.82	639.	27500.
781028	5433N	15846W	18469.2	33733.7	45715.6	98.	16.0	14000.	24734.	1.7667	4.96	1006.	25740.
781014	5444N	15824W	18499.8	33651.5	45569.6	115.	17.0	14400.	25236.	1.7525	7.51	2404.	29480.
781020	5406N	16151W	18305.6	34220.5	46831.9	98.	16.0	18240.	31687.	1.7372	7.76	527.	33660.
781012	5435N	15841W	18475.3	33716.7	45683.3	109.	16.5	14400.	24942.	1.7321	8.14	264.	25960.
781013	5443N	15822W	18498.4	33650.6	45559.2	109.	17.0	14400.	24885.	1.7281	7.26	824.	25960.
7912 5	5430N	15903W	18456.1	33779.6	45820.0	120.	12.0	15200.	26172.	1.7218	7.78	407.	27500.
781115	5438N	15828W	18486.1	33679.5	45602.1	109.	15.0	15120.	24518.	1.6216	6.30	1049.	27500.
7811 3	5459N	15813W	18532.7	33577.8	45481.1	93.	10.0	14400.	23235.	1.6135	7.86	85.	23320.
781117	5427N	15927W	18439.6	33840.9	45965.9	104.	16.5	15200.	24388.	1.6045	6.90	114.	24640.
7811 4	5459N	15813W	18532.7	33577.8	45481.1	88.	4.0	4800.	7685.	1.6010	6.61	9.	7700.
7910 8	5502N	15828W	18534.4	33599.3	45567.6	109.	16.0	15200.	24071.	1.5836	6.12	303.	25520.
781114	5442N	15807W	18501.1	33622.2	45472.1	101.	16.0	15200.	23917.	1.5735	6.26	669.	25300.
781030	5435N	15834W	18477.8	33701.8	45641.9	98.	17.0	14000.	21811.	1.5580	7.14	57.	22000.
781027	5452N	15834W	18513.0	33646.3	45618.0	82.	16.5	14400.	22067.	1.5324	5.39	205.	22880.
7811 2	5501N	15812W	18536.7	33568.7	45472.0	88.	14.0	19200.	28986.	1.5097	7.23	418.	29480.
781116	5439N	15827W	18488.6	33674.1	45594.8	123.	16.0	15120.	22812.	1.5087	6.09	365.	24200.
781026	5450N	15831W	18509.8	33646.6	45602.8	93.	16.0	14400.	21588.	1.4992	7.04	717.	22880.
7912 3	5436N	15840W	18477.8	33711.4	45676.0	126.	12.0	13300.	19526.	1.4681	7.51	231.	20460.
781022	5400N	16123W	18306.3	34172.3	46668.0	109.	15.0	19200.	28057.	1.4613	8.04	401.	29920.
781115	5444N	15809W	18504.5	33619.9	45480.6	104.	16.0	15200.	22145.	1.4569	6.45	769.	23320.
781025	5417N	16044W	18378.0	34040.6	46432.2	93.	18.0	14000.	20272.	1.4480	6.72	624.	22440.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE B-10 (continued). PACIFIC COD, OCTOBER-DECEMBER

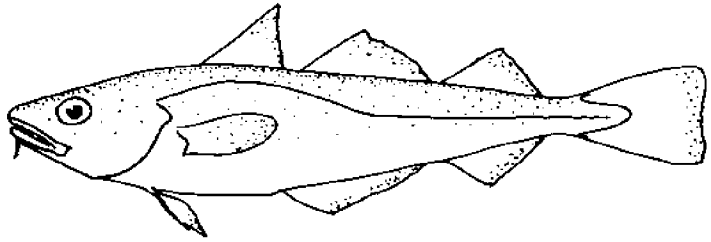
DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
781110	5457N	15819W	18527.2	33597.4	45520.3	90.	17.0	15120.	21881.	1.4472	6.34	520.	24420.
791227	5450N	15818W	18513.7	33619.0	45524.8	109.	13.0	16000.	22971.	1.4357	6.47	620.	24200.
791110	5447N	15822W	18508.5	33637.4	45553.2	104.	15.0	19600.	27772.	1.4169	9.00	581.	31900.
781021	5416N	16124W	18352.7	34133.9	46671.1	104.	16.0	19200.	27062.	1.4095	8.04	1305.	29700.
7912 4	5423N	15944W	18422.7	33890.0	46670.8	109.	12.0	15200.	21278.	1.3999	7.69	321.	21780.
7812 7	5603N	16937W	18347.1	35094.7	49711.1	118.	17.3	15200.	21048.	1.3848	6.92	1518.	23540.
781116	5447N	15809W	18510.5	33610.0	45475.9	104.	17.0	15200.	20782.	1.3673	6.04	102.	21120.
781112	5455N	15823W	18522.1	33612.7	45547.4	104.	16.1	15200.	20657.	1.3590	5.28	338.	21340.
7911 7	5603N	16824W	18468.1	34941.8	49338.8	139.	9.5	11750.	15918.	1.3548	7.81	2378.	19140.
7911 7	5447N	15816W	18507.7	33629.0	45529.4	104.	14.0	17500.	23333.	1.3333	6.17	584.	24860.
781112	5444N	15827W	18498.9	33657.9	45587.5	104.	18.0	15120.	19965.	1.3204	6.78	480.	21780.
7812 6	5615N	16945W	18413.7	35103.7	49797.8	118.	17.0	15200.	19765.	1.3004	7.21	2158.	23100.
791110	5454N	15826W	18519.3	33622.5	45567.0	98.	15.5	20000.	25944.	1.2972	5.55	841.	27720.
781013	5423N	15947W	18421.4	33898.6	46088.7	107.	15.0	20160.	25776.	1.2786	8.69	776.	29040.
7812 8	5604N	16937W	18354.2	35094.5	49715.3	116.	17.0	15200.	19275.	1.2681	5.91	915.	20680.
7812 9	5604N	16939W	18345.4	35097.4	49724.1	115.	17.3	15200.	19071.	1.2547	6.64	887.	21120.
7812 5	5615N	16944W	18416.1	35102.2	49793.5	118.	17.0	15200.	18603.	1.2239	6.77	1736.	20680.
7811 4	5451N	15809W	18516.3	33598.6	45469.5	82.	13.0	19200.	22782.	1.1866	6.00	305.	23100.
7812 2	5601N	16939W	18328.1	35098.0	49711.2	109.	17.5	15200.	17947.	1.1807	6.06	2862.	21120.
7911 8	5452N	15823W	18516.2	33622.9	45551.8	98.	7.0	8000.	9404.	1.1756	5.03	66.	10120.
7811 5	5449N	15817W	18512.0	33620.2	45520.4	93.	15.0	19200.	22208.	1.1608	4.88	775.	23540.
781130	5615N	16941W	18423.0	35097.6	49780.3	109.	17.0	15200.	17634.	1.1601	6.74	846.	18480.
7911 9	5446N	15823W	18504.2	33642.9	45560.7	104.	14.0	19600.	22577.	1.1519	5.81	477.	24420.
781128	5605N	16928W	18381.3	35079.9	49679.0	104.	14.0	15200.	17490.	1.1507	6.53	1685.	19360.
781118	5443N	15821W	18498.7	33648.5	45553.3	123.	15.0	15120.	17177.	1.1360	7.31	269.	18260.
781027	5413N	16129W	18340.9	34153.0	46701.3	104.	15.0	19200.	21476.	1.1185	6.23	2382.	23980.
7911 4	5501N	15814W	18536.2	33573.0	45484.1	88.	14.0	19600.	21551.	1.0995	6.33	761.	22880.
781025	5406N	16143W	18311.0	34202.4	46784.8	112.	12.0	14400.	15255.	1.0594	7.27	800.	17600.
7812 1	5601N	16936W	18335.4	35093.7	49698.2	107.	17.5	15200.	15834.	1.0417	6.79	1628.	17600.
781014	5424N	15948W	18423.4	33895.9	46093.0	93.	14.0	19200.	19569.	1.0203	7.30	258.	22000.
7811 8	5456N	15833W	18521.3	33630.7	45606.4	96.	15.0	19200.	19466.	1.0139	5.92	481.	20460.
7911 5	5450N	15812W	18515.5	33606.3	45489.0	93.	18.0	19600.	19635.	1.0018	6.38	635.	23760.
7911 6	5555N	16851W	18384.1	35015.0	49459.0	131.	15.1	18800.	18780.	0.9994	8.27	1870.	21340.
781027	5412N	16130W	18337.3	34157.9	46707.4	82.	11.0	14400.	14208.	0.9867	5.41	1673.	16060.
7911 9	5458N	15827W	18526.9	33611.0	45567.2	104.	15.0	20000.	19569.	0.9784	4.20	477.	23540.
781015	5443N	15803W	18504.4	33610.6	45446.9	82.	7.0	9600.	9383.	0.9774	9.73	1279.	15620.
781026	5406N	16149W	18306.9	34218.0	46820.2	98.	15.0	19200.	18350.	0.9578	5.45	1609.	20460.
791111	5448N	15821W	18508.8	33632.0	45545.8	104.	14.5	19600.	18632.	0.9506	6.82	682.	23320.
781025	5434N	15847W	18471.0	33732.7	45720.2	104.	9.5	9000.	8534.	0.9482	7.04	1444.	11000.
791111	5454N	15827W	18519.0	33624.6	45573.0	98.	15.0	20000.	18721.	0.9361	5.05	2036.	22880.
7911 6	5442N	15828W	18494.4	33666.6	45596.3	99.	15.0	19600.	18235.	0.9304	6.33	334.	19140.
781030	5406N	16150W	18306.2	34218.2	46826.0	79.	14.0	19200.	17796.	0.9270	5.47	535.	18480.
781120	5442N	15821W	18496.7	33651.7	45554.8	96.	16.0	15120.	13781.	0.9114	2.99	975.	16500.
7911 5	5608N	16826W	18493.8	34938.8	49364.7	112.	7.6	9400.	8169.	0.8690	7.64	801.	9240.
7811 7	5448N	15810W	18512.1	33608.8	45480.2	93.	15.0	19200.	16499.	0.8593	4.52	114.	16720.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE B-10 (continued). PACIFIC COD, OCTOBER-DECEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES ZX	ZY	ZZ	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
7911 3	5604N	16813W	18479.9	34924.6	49307.4	112.	13.8	18800.	16121.	0.8575	5.62	1871.	18920.
781019	5410N	16215W	18301.4	34265.4	48974.0	98.	14.0	19200.	16259.	0.8468	6.90	1713.	21340.
791117	5417N	16120W	18357.9	34122.1	46647.0	88.	15.0	19600.	15926.	0.8126	4.83	4633.	21340.
791110	5629N	17130W	18078.7	35075.6	50122.6	145.	13.6	18800.	15259.	0.8117	7.35	2501.	19140.
7911 5	5555N	16844W	18395.1	34999.9	49422.6	123.	15.0	18800.	14958.	0.7972	7.38	2679.	18480.
781028	5410N	16132W	18330.2	34167.5	46719.5	82.	8.0	9600.	7465.	0.7776	6.64	1291.	8800.
781127	5422N	15810W	18458.9	33691.7	45521.7	96.	14.0	12600.	9681.	0.7683	4.98	1583.	11660.
791111	5626N	17124W	18093.9	35089.8	50107.3	156.	14.1	18800.	14309.	0.7611	5.58	1259.	16060.
7811 6	5456N	15821W	18524.7	33605.0	45533.9	90.	15.0	19200.	14519.	0.7562	5.08	140.	14740.
781128	5416N	16130W	18349.1	34147.5	46706.9	96.	14.0	12600.	9375.	0.7441	4.52	1702.	11220.
791114	5615N	17111W	18089.4	35117.2	50050.0	178.	15.1	18800.	13833.	0.7358	6.68	541.	14520.
7911 2	5616N	16929W	18455.0	35076.6	49728.9	109.	13.6	18800.	13797.	0.7339	4.59	1882.	16280.
7811 1	5509N	15823W	18549.0	33564.0	45527.1	93.	14.0	19200.	14011.	0.7297	6.90	471.	14520.
781031	5406N	16149W	18306.9	34216.0	46820.2	88.	14.0	18240.	12859.	0.7072	4.71	438.	14300.
7911 4	5600N	16827W	18447.7	34953.9	49346.6	120.	14.0	18800.	13021.	0.6926	7.43	1546.	17160.
781130	5448N	16601W	18248.6	34715.5	48341.0	101.	17.0	12600.	8275.	0.6567	5.87	2046.	12320.
791112	5622N	17122W	18079.1	35097.7	50091.9	126.	14.0	17390.	11318.	0.6509	7.58	1447.	13420.
7911 8	5555N	16852W	18382.5	35017.2	49464.2	120.	15.6	18800.	11358.	0.6042	8.15	630.	12540.
791113	5620N	17126W	18095.3	35083.8	50115.7	131.	14.5	18800.	11137.	0.5924	6.92	520.	11880.
7910 7	5431N	15901W	18459.2	33772.2	45807.0	104.	18.0	15200.	7859.	0.5171	6.55	235.	18920.
7911 8	5453N	15806W	18523.0	33583.5	45448.4	66.	7.0	8000.	3991.	0.4989	5.23	504.	4620.
781016	5509N	15856W	18540.8	33635.3	45730.7	98.	5.5	4680.	2322.	0.4963	6.05	39.	2640.
791119	5406N	16214W	18289.3	34272.7	46967.3	82.	12.0	15200.	5722.	0.3764	4.70	816.	6820.
781124	5440N	15802W	18498.7	33618.3	45445.9	328.	17.0	15120.	10.	0.0007	1.76	15883.	22880.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***



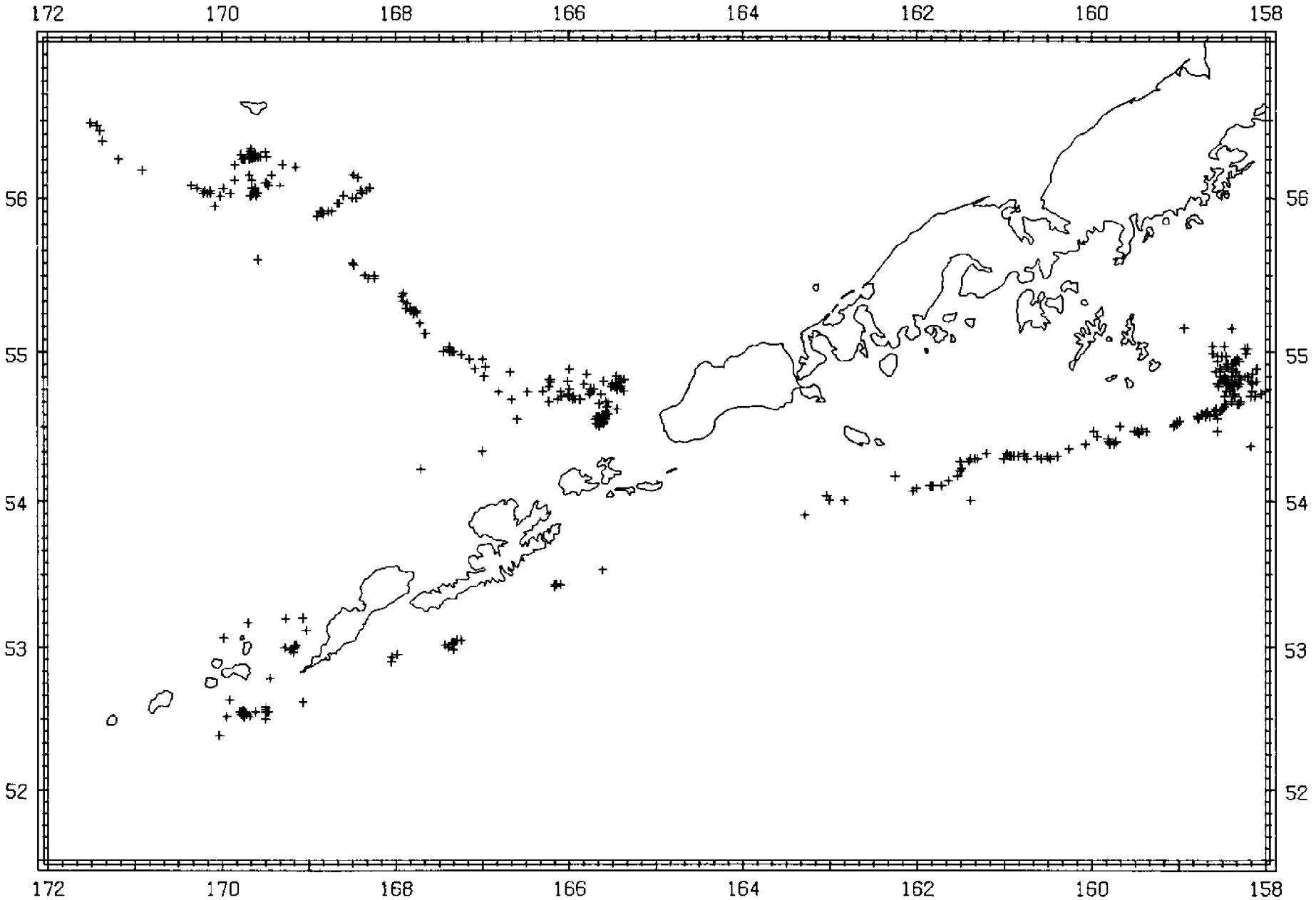


FIGURE B-2. PACIFIC COD, ALL MONTHS, 1977-1979

TABLE B-11. PACIFIC HALIBUT, JANUARY-MARCH

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
78 2 6	5444N	16629W	18196.1	34785.7	48490.5	142.	16.0	14400.	5835.	0.4052	12.55	2113.	11440.
78 2 4	5443N	16601W	18225.8	34723.0	48331.4	153.	17.0	15120.	4768.	0.3153	10.06	3891.	24640.
78 211	5445N	16600W	18236.1	34718.2	48329.6	120.	13.0	18480.	5653.	0.3059	10.80	2346.	22440.
78 213	5440N	16614W	18196.1	34758.0	48398.6	175.	16.0	18480.	5561.	0.3009	11.84	275.	22880.
78 212	5441N	16558W	18220.1	34720.2	48310.6	159.	17.0	18480.	5535.	0.2995	11.35	1379.	27060.
78 2 9	5442N	16600W	18222.4	34723.2	48323.8	153.	17.0	14400.	4152.	0.2883	12.42	1090.	23100.
79 215	5520N	16755W	18264.1	34929.7	49051.5	139.	15.0	15200.	3920.	0.2579	6.82	3029.	13420.
79 2 9	5606N	16930W	18384.0	35082.9	49692.3	131.	15.5	15200.	3764.	0.2477	12.59	4680.	22660.
78 321	5446N	16614W	18224.3	34748.9	48410.9	101.	16.5	20580.	5094.	0.2475	5.84	280.	5940.
78 214	5441N	16553W	18225.5	34708.7	48282.2	142.	17.5	18480.	4322.	0.2339	10.69	745.	28600.
79 3 3	5325N	16610W	17844.4	34834.3	48223.2	109.	11.0	15000.	3324.	0.2216	4.23	6158.	23980.
78 212	5441N	16556W	18222.4	34715.6	48299.3	175.	17.0	18480.	3780.	0.2045	12.24	0.	27500.
79 2 8	5609N	16926W	18413.0	35074.7	49686.0	227.	17.5	15200.	3074.	0.2023	8.52	4387.	20460.
79 125	5502N	16723W	18213.1	34861.0	48829.4	126.	17.0	13860.	2109.	0.1522	7.15	3360.	16940.
79 119	5500N	16721W	18205.4	34879.0	48813.4	153.	16.7	13860.	2105.	0.1519	6.92	1783.	17820.
79 127	5501N	16723W	18207.8	34882.1	48826.8	131.	16.7	13860.	1625.	0.1172	8.22	1585.	13640.
79 221	5441N	16640W	18160.6	34813.9	48544.2	170.	15.5	15120.	1762.	0.1165	6.89	187.	19360.
79 113	5233N	16947W	17000.0	35108.3	49001.7	98.	11.0	11000.	1279.	0.1163	9.36	327.	13420.
78 2 7	5443N	16538W	18251.3	34670.3	48199.9	153.	16.0	14400.	1628.	0.1130	11.55	0.	25740.
78 222	5441N	16608W	18208.2	34743.0	48367.0	175.	18.0	18480.	2060.	0.1115	8.06	513.	12540.
79 128	5517N	16750W	18254.6	34922.2	49016.0	148.	15.7	13860.	1493.	0.1077	8.23	1340.	13640.
79 2 1	5600N	17014W	18219.0	35132.2	49841.2	355.	18.0	15200.	1568.	0.1032	14.33	41619.	52800.
78 215	5441N	16552W	18227.0	34706.4	48276.5	159.	18.0	18480.	1830.	0.0990	9.78	704.	23540.
78 216	5441N	16553W	18225.9	34708.7	48282.2	175.	19.0	18480.	1787.	0.0967	8.75	326.	16940.
79 210	5605N	16928W	18381.3	35079.9	49679.0	104.	15.8	15200.	1460.	0.0960	7.05	2982.	20240.
79 214	5433N	16540W	18204.9	34692.2	48193.9	202.	17.2	15120.	1416.	0.0937	6.20	892.	20900.
79 226	5233N	16930W	17053.9	35097.8	48943.4	115.	17.0	7560.	696.	0.0920	7.60	909.	20240.
79 322	5602N	16938W	18337.6	35098.4	49711.2	98.	11.0	16380.	1451.	0.0886	4.64	1594.	11660.
79 131	5438N	16534W	18233.7	34669.9	48168.4	170.	16.6	15120.	1249.	0.0826	7.43	1349.	21340.
78 223	5444N	16606W	18224.5	34733.7	48361.7	131.	18.0	18480.	1519.	0.0822	11.95	2711.	14080.
79 2 5	5602N	17013W	18237.2	35131.7	49846.9	78.	13.0	13680.	1121.	0.0819	7.37	2045.	11000.
79 215	5433N	16535W	18210.6	34680.8	48165.5	175.	17.1	15120.	1210.	0.0800	5.81	780.	19580.
79 116	5529N	16815W	18284.7	34983.1	49184.7	126.	16.4	13860.	1075.	0.0776	6.91	1361.	11880.
79 1 8	5442N	16600W	18222.4	34723.2	48323.8	137.	15.5	13860.	1050.	0.0758	7.24	1220.	12980.
79 124	5500N	16723W	18202.5	34863.3	48824.1	142.	17.4	13860.	1034.	0.0746	7.28	1067.	12760.
79 219	5443N	16546W	18242.7	34689.1	48245.9	164.	13.3	11520.	848.	0.0736	6.99	150.	13200.
79 3 6	5230N	16930W	17043.2	35097.8	48935.1	137.	18.0	15960.	1108.	0.0694	6.40	1357.	33000.
79 120	5515N	16748W	18246.7	34920.1	48999.6	153.	18.0	13860.	932.	0.0672	6.33	949.	14300.
79 118	5516N	16748W	18252.2	34919.0	49002.5	142.	16.4	13860.	885.	0.0638	8.64	1061.	16500.
79 1 7	5301N	16726W	17565.6	34968.0	48527.1	102.	14.0	20000.	1265.	0.0633	9.94	783.	10120.
79 220	5433N	16636W	18132.6	34815.5	48504.2	131.	16.4	14040.	829.	0.0591	6.90	237.	11440.
79 321	5303N	16718W	17594.8	34956.1	48496.3	115.	11.6	13325.	782.	0.0587	5.01	1160.	21560.
79 117	5232N	16947W	16994.7	35108.2	48998.9	98.	7.0	11000.	626.	0.0569	5.17	406.	11440.
78 327	5452N	16641W	18219.6	34801.2	48574.9	90.	17.0	20580.	1152.	0.0560	6.40	2127.	7260.
78 2 3	5440N	16535W	18241.3	34668.7	48177.5	137.	16.3	15120.	845.	0.0559	4.78	6338.	23320.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE B-11 (continued). PACIFIC HALIBUT, JANUARY-MARCH

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
79 213	5434N	16535W	18215.0	34679.1	48167.3	164.	17.5	15120.	757.	0.0501	6.20	790.	12760.
78 224	5444N	16649W	18168.9	34829.5	48600.2	126.	20.0	18480.	909.	0.0492	6.60	1940.	16060.
79 2 6	5600N	17011W	18229.0	35130.4	49831.0	328.	16.0	15200.	711.	0.0468	13.93	11065.	25960.
78 2 7	5435N	16535W	18219.4	34677.4	48169.0	148.	15.5	14400.	670.	0.0465	4.40	2355.	24420.
79 2 2	5435N	16535W	18219.4	34677.4	48169.0	180.	16.6	15120.	685.	0.0453	7.13	1516.	18260.
79 2 7	5434N	16540W	18209.3	34690.5	48195.7	186.	17.3	15120.	682.	0.0451	6.94	1156.	16940.
79 217	5433N	16536W	18209.5	34683.0	48171.2	170.	18.0	15120.	681.	0.0451	6.35	397.	16060.
78 225	5445N	16543W	18254.7	34678.5	48232.2	126.	18.0	18480.	812.	0.0439	9.28	1013.	13860.
79 124	5233N	16944W	17010.6	35106.5	48991.6	85.	8.2	11000.	470.	0.0427	4.23	1113.	19800.
79 114	5459N	16715W	18208.9	34867.2	48778.4	131.	18.3	13860.	584.	0.0422	6.92	1765.	11880.
79 224	5303N	16718W	17594.8	34956.1	48496.3	120.	17.3	15120.	624.	0.0412	4.76	81.	20240.
79 2 1	5436N	16535W	18223.8	34675.7	48170.7	175.	17.7	15120.	608.	0.0402	7.28	537.	15400.
79 117	5530N	16815W	18290.5	34962.1	49187.9	98.	16.1	13860.	550.	0.0397	5.75	871.	11880.
78 330	5446N	16531W	18271.5	34648.2	48164.4	96.	13.0	17640.	696.	0.0394	5.27	1432.	12320.
79 227	5524N	16818W	18250.3	34973.9	49184.2	355.	17.5	15200.	597.	0.0393	41.58	3126.	16280.
79 211	5434N	16541W	18208.2	34692.8	48201.4	186.	18.0	15120.	583.	0.0386	6.81	777.	13420.
79 110	5516N	16746W	18255.2	34914.6	48991.8	126.	16.0	13860.	516.	0.0372	6.49	501.	13420.
79 2 3	5433N	16537W	18208.3	34685.3	48176.9	186.	17.8	15120.	559.	0.0370	6.63	1751.	16940.
79 218	5433N	16541W	18203.7	34694.4	48199.6	175.	17.7	15120.	558.	0.0369	6.29	210.	13420.
79 2 6	5444N	16545W	18246.2	34685.0	48241.9	153.	16.8	15120.	515.	0.0341	6.52	1002.	13200.
79 126	5516N	16747W	18253.7	34916.8	48997.1	120.	16.7	13860.	469.	0.0338	7.20	1233.	9020.
79 3 5	5231N	16957W	16953.8	35113.6	49029.5	115.	9.0	7980.	267.	0.0334	10.48	281.	8140.
79 210	5434N	16537W	18212.8	34683.6	48178.6	175.	17.2	15120.	476.	0.0315	6.60	990.	13200.
79 123	5529N	16819W	18278.2	34971.5	49205.5	142.	16.3	13860.	432.	0.0311	5.92	1612.	12100.
79 2 9	5434N	16536W	18213.9	34681.4	48173.0	170.	16.5	15120.	467.	0.0309	6.64	674.	12320.
79 216	5433N	16542W	18202.6	34696.7	48205.3	180.	17.2	15120.	462.	0.0305	5.16	474.	17600.
78 323	5448N	16613W	18234.9	34743.4	48409.3	82.	18.2	20580.	597.	0.0290	5.35	2860.	7920.
79 3 3	5311N	17001W	17158.5	35116.9	49160.8	383.	18.0	11970.	347.	0.0290	11.69	3909.	7700.
79 125	5233N	16945W	17007.1	35107.1	48995.0	94.	8.0	9500.	270.	0.0284	5.38	195.	15400.
78 331	5432N	16537W	18203.9	34687.0	48175.2	101.	19.7	20580.	579.	0.0281	3.65	1230.	11000.
79 223	5300N	16724W	17565.4	34965.7	48515.8	109.	18.0	14400.	403.	0.0280	4.22	2894.	19360.
79 3 4	5326N	16609W	17851.0	34831.7	48220.2	98.	12.0	17000.	438.	0.0258	4.21	1796.	40920.
79 221	5605N	16920W	18397.6	35065.8	49641.3	115.	17.5	15200.	390.	0.0257	6.70	5057.	25960.
79 214	5611N	16911W	18453.4	35043.8	49619.9	355.	15.1	15200.	383.	0.0252	35.64	5223.	15620.
79 320	5303N	16715W	17601.9	34951.9	48482.9	104.	12.0	13325.	329.	0.0247	3.60	1079.	25520.
79 212	5433N	16537W	18208.3	34685.3	48176.9	175.	18.0	15120.	373.	0.0247	6.50	739.	17380.
78 322	5449N	16613W	18239.6	34741.8	48411.3	90.	17.0	20580.	480.	0.0233	7.91	1897.	9020.
79 2 7	5559N	16948W	18290.6	35109.7	49740.1	301.	22.0	15200.	355.	0.0234	14.30	16019.	27060.
79 114	5236N	16955W	16998.2	35112.8	49042.7	126.	6.5	10000.	228.	0.0228	5.18	388.	5720.
79 114	5232N	16946W	16998.3	35107.7	48995.5	98.	7.0	11000.	249.	0.0226	8.00	199.	15840.
79 3 6	5257N	16759W	17461.2	35011.3	48659.0	101.	18.0	15960.	344.	0.0215	3.84	837.	29480.
79 316	5301N	16721W	17577.6	34961.1	48504.9	109.	20.0	20520.	431.	0.0210	3.40	893.	32560.
79 225	5302N	16720W	17585.1	34959.4	48502.9	109.	17.5	15120.	317.	0.0210	3.75	104.	23980.
79 130	5440N	16533W	18243.5	34664.0	48166.0	164.	17.0	15120.	316.	0.0209	6.84	429.	11000.
79 211	5434N	16539W	18210.5	34688.2	48190.0	180.	17.1	15120.	300.	0.0198	6.21	692.	12100.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE B-11 (continued). PACIFIC HALIBUT, JANUARY-MARCH

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES ZX	ZY	ZZ	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
79 2 4	5433N	16536W	18209.5	34683.0	48171.2	180.	16.3	15120.	296.	0.0196	6.23	426.	11660.
79 323	5612N	17059W	18126.6	35128.9	50015.9	383.	20.0	17920.	345.	0.0193	18.72	11611.	15620.
79 322	5303N	16718W	17594.3	34956.1	48496.3	98.	13.1	15600.	298.	0.0191	3.32	909.	13860.
79 118	5233N	16948W	16996.5	35108.8	49005.1	93.	7.0	10000.	182.	0.0182	8.63	250.	10120.
79 227	5233N	16928W	17065.7	35096.5	48936.4	126.	8.1	7560.	137.	0.0182	7.70	500.	12980.
78 328	5449N	16614W	18238.4	34744.1	48416.9	93.	17.1	20580.	356.	0.0173	5.44	1813.	11000.
79 2 8	5435N	16533W	18221.6	34672.8	48157.6	191.	16.8	15120.	262.	0.0173	5.89	928.	12760.
79 228	5446N	16529W	18273.4	34643.5	48152.8	115.	18.5	15960.	274.	0.0172	5.21	1175.	21120.
79 320	5307N	16902W	17333.4	35075.4	48538.2	137.	11.0	15680.	262.	0.0167	10.01	618.	19360.
79 3 2	5420N	16654W	18038.9	34866.3	48568.8	410.	16.0	15960.	268.	0.0168	9.17	9180.	15620.
79 327	5300N	16910W	17269.8	35082.5	48947.9	109.	12.0	14752.	242.	0.0164	9.79	629.	22000.
79 1 9	5613N	16951W	18384.2	35112.1	49814.3	78.	12.0	20000.	311.	0.0155	8.29	1041.	11000.
79 313	5231N	16945W	16996.5	35107.1	48989.4	109.	18.0	17100.	256.	0.0150	7.34	1876.	28600.
79 312	5432N	16536W	18205.1	34684.7	48169.5	99.	18.0	20520.	290.	0.0142	2.62	2254.	22440.
79 123	5233N	16946W	17003.5	35107.7	48998.3	89.	7.0	11000.	152.	0.0138	5.36	434.	19580.
79 225	5524N	16612W	18260.3	34961.6	49153.2	383.	17.5	15960.	196.	0.0123	10.56	6882.	15620.
79 227	5445N	16527W	18271.2	34640.6	48139.5	115.	16.5	15960.	184.	0.0115	5.24	257.	20900.
79 110	5611N	17055W	18137.9	35131.8	50003.5	113.	6.0	10000.	109.	0.0109	10.27	1407.	6600.
79 119	5233N	16946W	17003.5	35107.7	48998.3	74.	7.5	11000.	118.	0.0107	6.55	608.	18700.
79 310	5326N	16606W	17856.4	34826.3	48205.2	98.	14.0	20000.	209.	0.0104	4.37	531.	44880.
78 325	5453N	16600W	18272.4	34704.5	48344.7	82.	19.5	20580.	206.	0.0100	5.43	2409.	8360.
78 324	5447N	16550W	18256.1	34691.4	48276.1	85.	16.1	20580.	196.	0.0095	4.33	2551.	8580.
79 131	5605N	17021W	18231.9	35135.7	49886.8	79.	17.5	15200.	141.	0.0093	5.60	2274.	16280.
79 312	5326N	16609W	17851.0	34831.7	48220.2	98.	14.0	19000.	168.	0.0088	4.89	193.	40040.
79 311	5326N	16610W	17849.2	34833.4	48225.2	104.	14.0	20000.	171.	0.0086	3.73	599.	40700.
79 317	5223N	17002W	16893.8	35115.9	49023.5	383.	18.0	17100.	141.	0.0083	12.39	6174.	9900.
79 126	5232N	16945W	17001.8	35107.1	48992.2	88.	7.0	11000.	90.	0.0082	13.20	248.	27500.
79 123	5233N	16945W	17007.1	35107.1	48995.0	83.	7.1	10000.	82.	0.0082	11.00	87.	19580.
78 219	5423N	16628W	18095.1	34810.8	48438.8	339.	18.0	18480.	146.	0.0079	33.00	1157.	13860.
79 325	5259N	16913W	17254.7	35085.0	48956.1	137.	11.0	15680.	122.	0.0078	9.18	2429.	20240.
78 226	5425N	16614W	18124.9	34779.0	48367.5	328.	19.0	18480.	139.	0.0075	7.70	693.	7040.
79 3 7	5231N	16945W	16996.5	35107.1	48989.4	120.	9.0	7980.	61.	0.0076	5.92	1248.	9900.
79 319	5302N	16720W	17585.1	34959.4	48502.9	109.	10.0	10800.	81.	0.0075	2.90	138.	24200.
78 221	5426N	16707W	18048.0	34885.8	48650.8	323.	18.0	18480.	136.	0.0074	11.00	1445.	4180.
79 3 6	5301N	16909W	17278.5	35081.7	48947.1	126.	4.0	7000.	43.	0.0062	7.24	314.	14520.
79 1 2	5432N	15901W	18461.4	33769.1	45805.8	120.	17.5	13860.	82.	0.0059	7.79	18.	10560.
79 314	5302N	16721W	17582.7	34960.7	48507.3	98.	17.8	20520.	118.	0.0058	9.58	916.	27060.
79 226	5313N	16953W	17198.3	35112.6	49140.0	427.	16.7	18900.	109.	0.0058	13.51	2620.	12980.
79 312	5254N	16803W	17434.9	35016.7	48667.9	126.	18.0	17100.	95.	0.0056	7.44	716.	21120.
79 315	5256N	16803W	17445.3	35016.3	48673.1	109.	19.0	17100.	95.	0.0055	7.24	444.	30800.
79 315	5301N	16721W	17577.6	34961.1	48504.9	98.	19.0	17064.	94.	0.0055	2.76	448.	27940.
79 212	5602N	16954W	18295.8	35116.2	49777.3	92.	12.0	11400.	60.	0.0053	3.70	2623.	10780.
79 311	5332N	16537W	17933.2	34766.9	48068.8	98.	16.1	18900.	96.	0.0051	2.52	1548.	23980.
79 128	5233N	16946W	17003.5	35107.7	48998.3	85.	7.5	11000.	51.	0.0046	13.20	324.	20460.
79 111	5604N	16959W	18296.0	35121.2	49805.5	82.	16.0	13860.	62.	0.0044	9.57	1216.	14960.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE B-11 (continued). PACIFIC HALIBUT, JANUARY-MARCH

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES ZX	ZY	ZZ	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
79 219	5607N	17037W	18186.0	35138.2	49942.6	328.	16.8	15200.	64.	0.0042	13.20	11353.	20460.
78 329	5451N	16548W	18276.0	34679.5	48271.7	90.	17.2	20580.	82.	0.0040	3.68	2725.	7260.
79 325	5448N	16524W	18286.8	34627.6	48126.7	82.	14.2	21840.	87.	0.0040	2.10	2199.	12320.
79 116	5232N	16946W	16998.3	35107.7	48995.5	96.	9.3	11000.	38.	0.0035	4.66	289.	10340.
79 3 1	5345N	16735W	17774.3	34562.0	48679.6	437.	15.5	11970.	40.	0.0034	19.16	5465.	10120.
79 326	5437N	16527W	18236.8	34655.4	48126.5	82.	14.0	21840.	70.	0.0032	5.79	1179.	14520.
79 2 2	5602N	17008W	18253.6	35128.5	49829.5	79.	17.0	15200.	49.	0.0032	6.60	2310.	17600.
79 2 4	5603N	17008W	18261.0	35128.6	49834.0	78.	13.2	13680.	42.	0.0031	5.50	1185.	12760.
79 324	5449N	16522W	18292.9	34620.8	48116.6	82.	15.0	21840.	57.	0.0026	3.34	839.	12540.
79 127	5232N	16943W	17008.8	35105.9	48985.4	94.	7.5	11500.	30.	0.0026	3.45	418.	20020.
79 1 4	5431N	15903W	18458.4	33776.5	45818.8	93.	17.0	13860.	31.	0.0023	6.81	178.	9680.
79 1 9	5413N	16743W	17909.3	34959.9	48794.3	137.	16.0	13860.	29.	0.0021	5.52	115.	13860.
79 2 3	5604N	17017W	18238.5	35134.0	49869.3	78.	16.5	15200.	26.	0.0017	8.80	1730.	12760.
79 322	5557N	17005W	18226.3	35126.1	49796.3	383.	15.0	16960.	26.	0.0016	13.49	5231.	13860.
79 220	5603N	17012W	18247.9	35131.2	49848.0	74.	14.3	13680.	20.	0.0014	1.94	1949.	13420.
78 218	5424N	16629W	18098.5	34811.7	48446.4	328.	18.0	18480.	24.	0.0013	13.20	1046.	12760.
79 310	5301N	16910W	17275.3	35082.5	48950.9	137.	5.3	8100.	10.	0.0012	1.68	204.	7920.
79 3 5	5312N	16916W	17317.0	35086.9	49005.4	410.	14.0	17000.	20.	0.0012	4.25	414.	14520.
79 115	5233N	16947W	17000.0	35108.3	49001.7	82.	9.0	11000.	12.	0.0011	2.20	140.	15180.
79 310	5254N	16803W	17434.9	35016.7	48667.9	98.	18.0	17100.	17.	0.0010	2.80	1135.	20240.
79 225	5312N	16917W	17313.8	35087.8	49009.1	383.	18.7	19980.	18.	0.0009	5.06	595.	18700.
79 125	5234N	16930W	17064.2	35097.8	48946.2	98.	7.0	11000.	5.	0.0005	2.20	590.	14520.
79 326	5300N	16917W	17247.3	35088.1	48973.7	410.	19.0	16960.	7.	0.0004	4.00	1537.	8800.
79 3 1	5300N	16910W	17269.8	35082.5	48947.9	219.	27.9	19980.	3.	0.0004	1.76	445.	7040.
79 3 6	5316N	16949W	17229.3	35110.3	49135.6	437.	24.5	15120.	3.	0.0002	1.32	2952.	20240.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE B-12. PACIFIC HALIBUT, APRIL-JUNE

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES ZX	ZY	ZZ	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	********	********	**********	*********	********	********
79 5 3	5418N	16030W	18388.0	34008.4	48348.3	93.	14.0	16800.	2897.	0.1724	6.40	342.	16940.
78 610	5435N	15844W	18474.2	33723.1	45701.1	98.	13.0	20500.	3517.	0.1716	7.32	0.	74580.
79 412	5444N	16618W	18210.0	34761.0	48429.2	98.	12.0	18330.	2804.	0.1530	8.01	756.	12760.
79 412	5515N	16745W	18251.2	34913.6	48983.5	260.	15.5	18500.	1820.	0.0984	6.06	4799.	13860.
78 6 1	5400N	16300W	18232.9	34390.2	47233.8	350.	18.5	20160.	1943.	0.0964	21.11	1687.	13640.
79 522	5617N	16947W	18423.4	35108.1	49815.3	98.	13.0	16800.	1032.	0.0614	10.83	4868.	17160.
78 4 3	5444N	16522W	18271.9	34630.6	48108.8	104.	16.0	20580.	703.	0.0342	4.41	1332.	10780.
78 4 1	5446N	16528W	18274.4	34641.1	48146.9	104.	17.0	20580.	685.	0.0333	5.44	1359.	10560.
79 5 2	5423N	16004W	18413.6	33934.2	46190.0	93.	17.5	23520.	742.	0.0315	8.92	925.	23320.
78 6 9	5428N	15922W	18444.0	33826.9	45935.1	93.	12.0	21000.	474.	0.0226	6.77	121.	70840.
79 531	5454N	16658W	18207.0	34836.3	48673.3	148.	14.4	20720.	391.	0.0189	8.53	1076.	16280.
79 530	5605N	16854W	18441.7	35012.0	49509.8	328.	14.0	16800.	279.	0.0166	15.07	2797.	10780.
78 4 4	5446N	16527W	18275.4	34638.7	48141.1	101.	15.5	20580.	322.	0.0157	6.84	2221.	8800.
79 6 1	5258N	16911W	17255.7	35083.4	48945.8	126.	11.0	12000.	155.	0.0129	9.66	1987.	18920.
78 612	5428N	15928W	18441.6	33840.0	45970.8	93.	11.0	20000.	248.	0.0124	6.43	0.	52800.
78 611	5426N	15956W	18424.7	33907.7	46139.8	88.	11.0	20000.	245.	0.0122	2.00	1013.	55220.
79 612	5437N	15830W	18483.4	33686.9	45615.4	98.	14.0	19200.	204.	0.0106	7.16	1766.	15180.
78 411	5448N	16536W	18275.1	34656.4	48196.8	104.	16.5	20580.	219.	0.0106	4.41	615.	5940.
78 410	5446N	16524W	18278.4	34631.5	48123.6	101.	16.0	20580.	220.	0.0107	4.32	277.	6820.
79 4 8	5618N	16930W	18466.8	35077.4	49741.9	109.	12.5	16200.	155.	0.0096	7.71	4420.	15180.
79 6 7	5310N	16942W	17219.5	35105.8	49092.8	246.	16.0	16800.	161.	0.0096	17.71	3232.	10780.
79 4 7	5608N	16928W	18402.0	35078.7	49691.3	328.	14.5	18500.	172.	0.0093	32.23	2176.	5060.
78 4 7	5449N	16525W	18290.1	34628.0	48134.2	93.	14.8	20580.	189.	0.0092	5.64	572.	8140.
78 4 6	5448N	16525W	18285.9	34630.0	48132.6	90.	19.3	20580.	160.	0.0078	4.98	964.	8360.
79 4 9	5431N	16536W	18200.6	34686.4	48167.8	88.	13.6	21840.	163.	0.0075	4.33	470.	3740.
79 617	5457N	16700W	18219.5	34836.8	48691.6	115.	15.1	20720.	136.	0.0066	7.70	1345.	23320.
79 525	5259N	16911W	17261.1	35083.4	48948.7	326.	16.0	19200.	123.	0.0064	7.88	1101.	12320.
78 4 2	5445N	16545W	18252.6	34683.2	48243.7	101.	17.3	20580.	109.	0.0053	4.62	2903.	8800.
79 523	5312N	16917W	17313.8	35087.8	49009.1	388.	15.0	19200.	92.	0.0048	5.50	390.	14740.
78 4 5	5445N	16524W	18274.1	34633.4	48122.0	98.	15.3	20580.	44.	0.0021	4.18	466.	7260.
79 522	5517N	16753W	18250.2	34928.6	49032.0	164.	9.1	10360.	21.	0.0021	3.96	1776.	12760.
79 530	5500N	16720W	18206.9	34876.9	48808.0	159.	14.5	20720.	40.	0.0019	10.12	1356.	17820.
79 611	5535N	16830W	18295.9	34988.8	49282.1	137.	16.0	20720.	37.	0.0018	9.02	1393.	38940.
79 618	5457N	16709W	18207.0	34856.6	48740.7	115.	16.0	20720.	33.	0.0016	9.02	875.	31460.
79 6 4	5530N	16815W	18290.5	34962.1	49187.9	109.	15.3	20720.	23.	0.0011	8.14	597.	20460.
79 6 5	5523N	16755W	18280.9	34926.3	49060.4	112.	15.0	20165.	23.	0.0012	8.80	662.	22000.
78 4 8	5450N	16527W	18292.4	34630.9	48147.5	88.	15.5	20580.	15.	0.0007	2.24	332.	5940.
79 524	5233N	16919W	17095.9	35090.2	48504.6	342.	16.6	20720.	6.	0.0003	1.10	15235.	21560.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE B-13. PACIFIC HALIBUT, JULY-SEPTEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
78 821	5425N	15948W	18425.8	33893.0	46092.9	77.	15.0	17220.	1164.	0.0676	7.62	1354.	63360.
79 718	5557N	17003W	18232.5	35124.5	49789.1	355.	21.0	16800.	969.	0.0577	46.20	881.	33440.
79 713	5616N	16939W	18434.6	35094.2	49775.6	109.	14.2	13800.	739.	0.0536	42.21	1615.	16280.
79 715	5507N	16740W	18214.6	34911.7	48934.0	235.	16.0	16600.	646.	0.0384	27.13	4054.	25300.
79 710	5616N	16935W	18443.1	35087.4	49757.2	109.	12.0	13800.	464.	0.0336	14.58	1993.	21780.
78 9 5	5418N	16055W	18374.8	34062.7	46497.4	60.	18.0	19200.	342.	0.0178	9.87	523.	14960.
79 9 5	5428N	15833W	18463.1	33721.6	45646.0	93.	14.5	21280.	367.	0.0173	6.31	754.	39820.
78 9 4	5418N	16056W	18374.2	34064.9	46503.4	71.	17.5	19200.	274.	0.0143	10.22	604.	15840.
79 917	5434N	15841W	18473.1	33719.9	45684.7	120.	11.4	16800.	233.	0.0138	5.49	257.	28600.
78 9 8	5419N	16112W	18368.2	34098.5	46598.7	77.	17.0	17280.	232.	0.0137	11.33	868.	12760.
79 817	5439N	15819W	18491.2	33657.2	45547.5	98.	12.0	17640.	240.	0.0136	13.70	707.	29040.
79 814	5452N	15822W	18516.5	33620.7	45545.8	98.	12.0	17640.	235.	0.0133	12.58	1235.	22440.
78 921	5458N	15833W	18525.2	33623.8	45603.7	88.	17.3	20160.	261.	0.0129	10.83	194.	22000.
78 919	5417N	16034W	18383.3	34018.2	46372.7	98.	13.0	11275.	142.	0.0126	4.19	86.	9680.
79 917	5450N	16659W	18185.1	34843.6	48669.0	153.	16.2	19950.	237.	0.0119	6.17	1850.	33660.
79 918	5436N	15835W	18479.5	33700.7	45646.4	120.	10.5	16800.	196.	0.0117	6.41	3046.	33440.
78 9 6	5418N	16053W	18375.9	34058.1	46485.5	82.	17.0	19200.	212.	0.0110	8.94	1010.	13640.
79 920	5437N	15830W	18483.4	33686.9	45615.4	109.	11.6	16800.	183.	0.0109	7.69	934.	16940.
79 712	5418N	16023W	18391.6	33990.8	46306.6	93.	18.0	16800.	170.	0.0101	6.89	1023.	15180.
78 713	5402N	16302W	18236.2	34390.5	47246.5	82.	16.3	23200.	226.	0.0098	5.24	352.	12760.
78 712	5422N	16012W	18407.3	33954.9	46238.4	88.	16.1	23200.	219.	0.0094	6.60	480.	12100.
79 9 4	5436N	15831W	18480.9	33692.2	45622.8	98.	15.0	21280.	183.	0.0086	7.62	502.	56760.
78 910	5447N	15832W	18503.4	33658.7	45613.0	98.	17.5	20160.	173.	0.0086	10.22	1017.	23980.
79 9 7	5403N	16237W	18262.1	34731.7	47101.3	328.	15.5	21280.	169.	0.0080	24.90	9684.	21780.
78 914	5432N	15859W	18462.1	33764.8	45793.9	93.	19.3	20160.	145.	0.0072	7.02	2129.	16280.
78 916	5447N	15833W	18503.1	33660.8	45619.0	88.	20.6	20160.	142.	0.0070	6.76	342.	25300.
78 917	5418N	16037W	18384.4	34022.1	46390.0	82.	16.0	15990.	111.	0.0070	3.96	418.	22880.
78 9 9	5418N	16050W	18377.5	34051.4	46467.6	71.	17.0	19200.	130.	0.0068	6.66	714.	15620.
78 915	5458N	15830W	18526.1	33617.4	45585.4	88.	17.9	20160.	124.	0.0061	8.87	462.	20680.
78 9 2	5417N	16100W	18369.3	34076.7	46527.6	82.	17.5	17520.	98.	0.0056	13.64	1636.	16500.
79 712	5616N	16935W	18443.1	35087.4	49757.2	109.	15.0	17480.	94.	0.0054	9.69	1012.	18480.
79 916	5435N	15841W	18475.3	33716.7	45683.3	104.	11.0	16800.	89.	0.0053	9.14	574.	28600.
79 825	5437N	15834W	18482.0	33695.4	45639.1	98.	15.8	19950.	100.	0.0050	4.91	737.	13200.
78 7 8	5417N	16123W	18356.1	34128.9	46664.9	88.	13.0	15540.	74.	0.0048	5.57	563.	13640.
78 727	5312N	16904W	17354.9	35076.8	48960.4	109.	17.7	19000.	89.	0.0047	9.61	304.	9240.
78 919	5448N	15827W	18507.0	33644.7	45581.6	104.	21.7	20160.	92.	0.0046	8.98	869.	20900.
79 815	5434N	15838W	18474.2	33713.5	45666.9	88.	11.0	17640.	78.	0.0044	5.38	1017.	20900.
78 714	5429N	15925W	18445.1	33830.4	45951.9	71.	15.4	23200.	97.	0.0042	5.46	990.	9240.
79 826	5456N	15820W	18524.9	33602.9	45527.8	98.	14.8	19950.	82.	0.0041	10.46	462.	18700.
78 911	5448N	15828W	18506.7	33646.9	45587.6	77.	18.9	20160.	79.	0.0039	8.22	171.	21780.
79 9 2	5453N	16705W	18192.0	34852.9	48706.9	164.	15.7	18240.	72.	0.0040	7.24	1204.	32340.
79 827	5455N	15822W	18522.4	33610.6	45541.4	98.	16.7	19950.	79.	0.0039	6.50	260.	12320.
78 9 7	5417N	16118W	18359.1	34117.5	46635.1	71.	16.5	19200.	72.	0.0038	8.48	925.	14520.
79 824	5453N	15822W	18518.5	33617.4	45544.3	98.	15.9	19950.	73.	0.0037	11.58	481.	18040.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE B-13 (continued). PACIFIC HALIBUT, JULY-SEPTEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
78 715	5428N	15958W	18428.7	33908.2	46150.2	77.	16.1	23200.	86.	0.0037	4.38	1062.	18920.
78 723	5430N	15940W	18441.3	33860.3	46040.6	77.	15.5	20000.	71.	0.0036	4.75	685.	14300.
78 918	5448N	15827W	18507.0	33644.7	45581.6	98.	18.5	20160.	69.	0.0034	12.70	570.	21780.
78 920	5449N	15829W	18508.4	33645.7	45592.2	93.	18.2	20160.	67.	0.0033	4.75	328.	18700.
79 520	5433N	15833W	18473.9	33706.0	45638.8	109.	10.0	16800.	55.	0.0033	6.19	250.	14080.
78 9 8	5607N	16951W	18340.5	35112.6	49787.5	104.	15.0	17220.	51.	0.0030	11.44	1789.	13420.
78 9 3	5419N	16058W	18375.9	34066.7	46514.9	88.	17.0	19200.	50.	0.0026	5.35	771.	15400.
79 7 9	5617N	16937W	18445.9	35090.5	49770.7	109.	13.3	15640.	39.	0.0025	8.76	1497.	23540.
78 814	5433N	16539W	18206.0	34689.9	48188.3	175.	17.5	20000.	48.	0.0024	6.56	618.	17160.
78 817	5439N	16539W	18232.6	34679.7	48198.7	172.	17.0	20000.	47.	0.0023	10.47	1715.	11220.
78 921	5418N	16046W	18379.6	34042.4	46443.7	77.	17.0	15990.	32.	0.0020	2.95	1266.	17160.
78 513	5446N	15832W	18501.4	33662.0	45614.4	93.	20.9	20160.	36.	0.0018	7.96	501.	30140.
79 712	5615N	16939W	18427.5	35094.5	49771.3	109.	16.0	14720.	24.	0.0016	5.30	4268.	22660.
78 7 7	5419N	16046W	18382.3	34039.6	46443.2	98.	13.0	15540.	24.	0.0015	2.24	1273.	19140.
79 9 4	5511N	16743W	18232.1	34913.7	48561.4	159.	15.8	18240.	22.	0.0012	6.56	1100.	37620.
78 710	5428N	15930W	18440.7	33844.4	45582.8	93.	16.0	23200.	22.	0.0010	3.56	306.	12320.
79 8 4	5447N	16530W	18276.7	34643.9	48160.2	109.	13.5	21280.	21.	0.0010	6.23	369.	9020.
79 9 7	5519N	16752W	18263.0	34924.3	49032.6	153.	16.8	19950.	14.	0.0007	4.00	1521.	47960.
79 9 3	5500N	16727W	18196.4	34891.8	48845.5	164.	15.5	18240.	14.	0.0008	5.30	1056.	26620.
78 711	5428N	15928W	18441.6	33840.0	45570.8	104.	15.4	23200.	15.	0.0007	1.96	44.	14960.
79 713	5408N	16138W	18320.3	34188.2	48755.2	82.	17.0	16800.	5.	0.0003	0.66	2669.	16720.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE B-14. PACIFIC HALIBUT, OCTOBER-DECEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES ZX	ZY	ZZ	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
781031	5455N	15826W	18521.3	33619.1	45565.5	98.	17.0	14000.	2165.	0.1546	11.42	932.	37160.
781110	5457N	15819W	18527.2	33597.4	45520.3	90.	17.0	15120.	1954.	0.1292	12.04	520.	24420.
781130	5446N	16601W	18248.6	34715.5	48341.0	101.	17.0	12600.	1571.	0.1247	6.41	2046.	12320.
7811 1	5502N	15836W	18532.3	33616.5	45616.5	98.	16.0	14000.	1650.	0.1178	14.56	516.	37400.
781025	5417N	16044W	18378.0	34040.6	46432.2	93.	18.0	14000.	852.	0.0609	8.25	624.	22440.
781022	5452N	15831W	18513.9	33639.9	45599.9	88.	16.0	14400.	819.	0.0569	9.35	830.	34100.
791231	5442N	15810W	18500.2	33628.5	45489.7	148.	12.5	16000.	628.	0.0518	6.72	1071.	57200.
791111	5448N	15821W	18506.8	33632.0	45545.8	104.	14.5	19600.	1001.	0.0511	9.00	682.	23320.
791226	5450N	15814W	18514.9	33610.5	45500.9	120.	11.0	16000.	734.	0.0459	8.41	762.	31900.
7812 6	5615N	16945W	18413.7	35103.7	49797.8	118.	17.0	15200.	661.	0.0435	18.13	2158.	23100.
7911 9	5446N	15823W	18504.2	33542.9	45560.7	104.	14.0	19600.	852.	0.0435	7.78	477.	24420.
791110	5447N	15822W	18506.5	33637.4	45553.2	104.	15.0	19600.	613.	0.0417	12.10	581.	31900.
781020	5449N	15826W	18509.3	33639.3	45574.2	109.	15.0	14400.	593.	0.0412	9.53	639.	27500.
7911 5	5450N	15812W	18515.5	33606.3	45489.0	93.	18.0	19600.	805.	0.0410	6.64	635.	23760.
781120	5442N	15821W	18496.7	33651.7	45554.8	96.	16.0	15120.	619.	0.0409	23.10	975.	16500.
781021	5449N	15827W	18509.0	33641.4	45580.2	104.	16.5	14400.	576.	0.0400	7.36	851.	29040.
791111	5454N	15827W	18515.0	33624.6	45573.0	98.	15.0	20000.	787.	0.0394	6.40	2036.	22880.
781027	5452N	15834W	18513.0	33646.3	45618.0	82.	16.5	14400.	558.	0.0387	8.28	205.	22880.
781114	5442N	15807W	18501.1	33622.2	45472.1	101.	16.0	15200.	587.	0.0386	9.11	669.	25300.
7812 9	5604N	16939W	18345.4	35097.4	49724.1	115.	17.3	15200.	580.	0.0382	10.51	887.	21120.
781019	5453N	15831W	18515.9	33636.5	45598.5	93.	16.5	14400.	532.	0.0370	10.70	375.	34100.
781018	5435N	15840W	18475.6	33714.6	45677.4	104.	16.5	14400.	466.	0.0324	5.99	632.	29700.
7912 6	5440N	15823W	18491.9	33662.4	45569.6	120.	12.0	15200.	426.	0.0282	6.94	995.	41800.
7910 8	5502N	15828W	18534.4	33599.3	45567.6	109.	18.0	15200.	414.	0.0272	7.89	303.	25520.
781014	5444N	15824W	18499.8	33651.5	45569.6	115.	17.0	14400.	379.	0.0263	7.97	2404.	29480.
781025	5434N	15847W	18471.0	33732.7	45720.2	104.	9.5	9000.	215.	0.0239	5.95	1444.	11000.
781026	5450N	15831W	18509.8	33646.6	45602.8	93.	16.0	14400.	345.	0.0240	6.40	717.	22880.
7911 5	5458N	15827W	18526.9	33611.0	45567.2	104.	15.0	20000.	465.	0.0232	7.22	477.	23540.
781123	5435N	15831W	18470.6	33695.4	45624.2	301.	19.0	15120.	344.	0.0227	18.26	12611.	21120.
781123	5406N	16155W	18302.8	34229.6	46855.5	342.	17.0	15200.	318.	0.0210	9.46	6076.	22220.
791230	5440N	15817W	18493.9	33649.8	45534.2	137.	12.0	16000.	331.	0.0207	7.90	754.	54560.
791225	5439N	15812W	18491.5	33655.1	45541.6	115.	13.0	16000.	329.	0.0205	4.82	581.	38060.
791025	5444N	15800W	18507.3	33601.0	45427.6	93.	13.8	18800.	382.	0.0203	4.12	1380.	40700.
781022	5400N	16123W	18306.3	34172.3	46668.0	109.	15.0	19200.	377.	0.0196	12.32	401.	29920.
781017	5445N	15824W	18501.8	33648.3	45568.1	104.	17.0	14400.	267.	0.0186	7.89	600.	31680.
781016	5509N	15856W	18540.8	33635.3	45730.7	98.	5.5	4680.	86.	0.0184	5.43	39.	2640.
781112	5444N	15827W	18498.9	33657.9	45587.5	104.	18.0	15120.	272.	0.0180	7.76	480.	21780.
7812 8	5604N	16937W	18354.2	35094.5	49715.3	118.	17.0	15200.	270.	0.0178	12.54	915.	20680.
7811 7	5450N	15828W	18510.7	33640.2	45584.8	98.	18.0	14000.	235.	0.0168	5.28	547.	44000.
781111	5447N	15823W	18506.2	33639.5	45559.2	101.	16.0	15120.	242.	0.0160	4.29	881.	39160.
781014	5424N	15948W	18423.4	33895.9	46093.8	98.	14.0	19200.	304.	0.0158	7.15	258.	22000.
781111	5452N	15820W	18517.1	33616.5	45533.8	104.	16.0	15200.	238.	0.0156	5.94	444.	31680.
781012	5435N	15841W	18475.3	33716.7	45683.3	109.	16.5	14400.	198.	0.0137	6.25	264.	25960.
7811 5	5449N	15817W	18512.0	33620.2	45520.4	93.	15.0	19200.	251.	0.0131	7.04	775.	23540.
791119	5406N	16214W	18289.3	34272.7	46967.3	82.	12.0	15200.	193.	0.0127	4.52	816.	6820.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE B-14 (continued). PACIFIC HALIBUT, OCTOBER-DECEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES ZX	ZY	ZZ	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
781115	5444N	15809W	18504.5	33619.9	45480.6	104.	16.0	15200.	189.	0.0124	8.07	769.	23320.
791110	5454N	15826W	18519.3	33622.5	45567.0	98.	15.5	20000.	221.	0.0111	7.01	841.	27720.
781115	5438N	15828W	18486.1	33679.5	45602.1	109.	15.0	15120.	165.	0.0109	5.39	1049.	27500.
781118	5443N	15821W	18498.7	33648.5	45553.3	123.	15.0	15120.	166.	0.0109	14.96	269.	18260.
781116	5439N	15827W	18488.6	33674.1	45594.8	123.	16.0	15120.	166.	0.0110	6.89	365.	24200.
781116	5447N	15809W	18510.5	33610.0	45475.9	104.	17.0	15200.	164.	0.0108	9.90	102.	21120.
7911 8	5453N	15806W	18523.0	33583.5	45448.4	66.	7.0	8000.	76.	0.0096	7.28	504.	4620.
781013	5443N	15622W	18495.4	33650.6	45559.2	109.	17.0	14400.	136.	0.0094	6.19	824.	25960.
7911 4	5501N	15814W	18536.2	33573.0	45484.1	88.	14.0	19600.	184.	0.0094	8.21	761.	22880.
7911 7	5603N	16624W	18468.1	34941.8	49338.8	139.	9.5	11750.	93.	0.0079	7.28	2378.	19140.
7812 2	5601N	16939W	18325.1	35096.0	49711.2	109.	17.5	15200.	109.	0.0072	8.03	2862.	21120.
7911 7	5447N	15816W	18507.7	33629.0	45529.4	104.	14.0	17500.	119.	0.0068	8.73	564.	24860.
7812 5	5615N	16944W	18416.1	35102.2	49793.5	118.	17.0	15200.	100.	0.0056	12.32	1736.	20680.
781112	5455N	15823W	18522.1	33612.7	45547.4	104.	16.1	15200.	95.	0.0062	13.64	338.	21340.
7811 7	5449N	15810W	18512.1	33608.8	45480.2	93.	15.0	19200.	107.	0.0056	13.64	114.	16720.
7911 6	5442N	15828W	18494.4	33666.6	45596.3	98.	15.0	19600.	107.	0.0054	12.38	334.	19140.
7812 1	5601N	16936W	18335.4	35093.7	49698.2	107.	17.5	15200.	86.	0.0043	13.64	1628.	17800.
7911 6	5555N	16851W	18384.1	35015.0	49459.0	131.	15.1	18800.	81.	0.0043	7.12	1870.	21340.
791117	5417N	16120W	18357.9	34122.1	46647.0	88.	15.0	19600.	74.	0.0038	8.36	4633.	21340.
781030	5406N	16150W	18306.2	34218.2	46826.0	79.	14.0	19200.	60.	0.0031	6.60	535.	18480.
781021	5416N	16124W	18352.7	34133.8	46671.1	104.	16.0	19200.	60.	0.0031	3.96	1305.	29700.
781115	5446N	15819W	18505.4	33634.4	45536.9	90.	17.0	15120.	45.	0.0030	5.06	375.	30140.
7811 8	5456N	15833W	18521.3	33630.7	45606.4	96.	15.0	19200.	57.	0.0030	8.80	481.	20460.
7911 3	5604N	16816W	18479.9	34924.6	49307.4	112.	13.8	18800.	53.	0.0028	19.34	1871.	18920.
7912 3	5436N	15840W	18477.8	33711.4	45676.0	126.	12.0	13300.	32.	0.0024	3.41	231.	20460.
781028	5410N	16132W	18336.2	34167.5	46719.5	82.	8.0	9600.	22.	0.0023	3.30	1291.	8800.
7912 5	5430N	15903W	18456.1	33779.6	45820.0	120.	12.0	15200.	34.	0.0023	4.66	407.	27500.
7811 9	5447N	15826W	18505.3	33645.9	45577.1	88.	16.0	14040.	32.	0.0023	3.96	415.	30140.
781127	5422N	15810W	18455.9	33691.7	45521.7	96.	14.0	12600.	23.	0.0019	2.86	1583.	11660.
7911 5	5555N	16844W	18395.1	34999.9	49422.6	123.	15.0	18800.	29.	0.0016	7.27	2679.	18480.
7911 4	5600N	16827W	18447.7	34953.9	49346.6	120.	14.0	18800.	27.	0.0014	11.00	1546.	17160.
7911 2	5616N	16929W	18455.0	35076.6	49728.9	109.	13.6	18800.	23.	0.0012	4.52	1882.	16280.
791110	5629N	17130W	18078.7	35075.6	50122.0	145.	13.6	18800.	19.	0.0010	9.22	2501.	19140.
7911 5	5608N	16826W	18493.6	34938.8	49364.7	112.	7.6	9400.	9.	0.0010	5.10	801.	9240.
791114	5615N	17111W	18089.4	35117.2	50050.0	178.	15.1	18800.	18.	0.0010	12.69	541.	14520.
7911 8	5555N	16852W	18382.5	35017.2	49464.2	120.	15.6	18800.	11.	0.0006	8.01	630.	12540.
7912 4	5423N	15944W	18422.7	33890.0	46070.8	109.	12.0	15200.	9.	0.0006	4.00	321.	21780.
791113	5628N	17126W	18095.3	35083.8	50115.7	131.	14.5	19000.	6.	0.0003	5.79	520.	11880.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

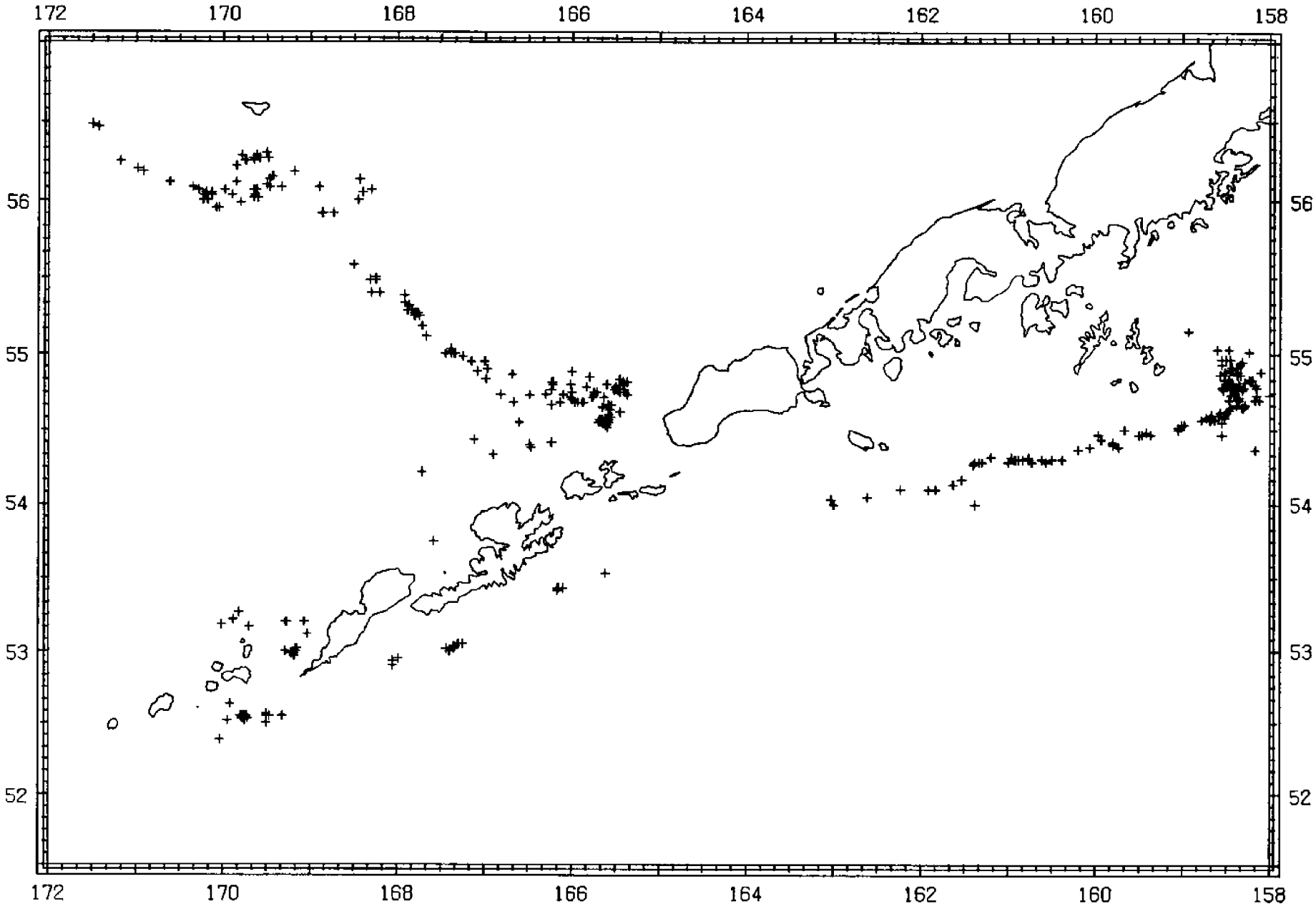


FIGURE B-3. PACIFIC HALIBUT, ALL MONTHS, 1977-1979

TABLE B-15. FLOUNDERS, JANUARY-MARCH

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES ZX	ZY	ZZ	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	********	**********	*********	********	********
79 225	5504N	16754W	18175.1	34943.4	48598.4	355.	17.5	15200.	18045.	1.1872	11.75	12993.	33880.
79 216	5526N	16823W	18253.7	34962.3	49216.3	383.	16.0	15200.	11902.	0.7830	12.30	2679.	16500.
79 225	5312N	16917W	17313.8	35087.8	49009.1	383.	18.7	19980.	15048.	0.7531	10.11	595.	18700.
79 3 5	5312N	16916W	17317.0	35086.9	49005.4	410.	14.0	17000.	12274.	0.7220	10.77	414.	14520.
79 227	5524N	16818W	18250.3	34973.9	49184.2	355.	17.5	15200.	10721.	0.7053	14.19	3126.	16280.
79 3 4	5312N	16919W	17307.3	35089.3	49016.5	437.	20.4	18900.	13047.	0.6903	8.15	1006.	19360.
79 3 7	5530N	16826W	18272.5	34985.0	49244.9	383.	16.0	20000.	13472.	0.6736	11.93	4039.	20460.
79 2 6	5600N	17011W	18229.0	35130.4	49831.0	328.	16.0	15200.	9852.	0.6481	13.46	11065.	25960.
78 219	5423N	16628W	18095.1	34810.8	48438.8	339.	18.0	18480.	11711.	0.6337	12.12	1157.	13860.
79 3 6	5316N	16949W	17229.3	35110.3	49135.6	437.	24.5	15120.	9282.	0.6139	10.64	2952.	20240.
78 218	5424N	16629W	18098.5	34811.7	48446.4	326.	18.0	18480.	11016.	0.5961	11.26	1046.	12760.
79 3 7	5304N	16959W	17126.2	35115.6	49132.7	273.	15.0	11988.	6823.	0.5692	11.94	7270.	16280.
79 3 2	5312N	16919W	17307.3	35089.3	49016.5	383.	16.6	18900.	10190.	0.5392	8.47	775.	16280.
79 224	5425N	16729W	18003.1	34927.8	48759.6	383.	18.0	15960.	8515.	0.5335	11.22	10966.	22000.
79 217	5600N	17016W	18212.2	35133.2	49847.9	320.	17.0	15200.	7960.	0.5237	11.86	10166.	22000.
78 220	5425N	16709W	18039.3	34890.5	48658.5	361.	19.5	18480.	9469.	0.5124	10.20	1434.	13640.
79 2 7	5559N	16948W	18290.6	35109.7	49740.1	301.	22.0	15200.	7773.	0.5114	12.58	16019.	27060.
78 217	5429N	16614W	18143.9	34773.6	48375.8	290.	20.0	18480.	8519.	0.4610	11.17	393.	9460.
79 226	5438N	16731W	18070.3	34921.2	48805.5	355.	17.2	15200.	6885.	0.4530	11.49	54131.	63140.
79 2 1	5600N	17014W	18219.0	35132.2	49841.2	355.	18.0	15200.	6061.	0.3988	11.40	41619.	52800.
79 3 3	5312N	16953W	17192.6	35112.5	49136.9	383.	20.8	18900.	7473.	0.3954	12.52	3229.	19140.
79 310	5311N	16908W	17336.6	35080.3	48972.6	437.	24.7	18900.	6464.	0.3420	7.95	1028.	9460.
78 226	5425N	16614W	18124.9	34779.0	48367.5	328.	19.0	18480.	6041.	0.3269	11.12	693.	7040.
79 225	5524N	16812W	18260.3	34961.6	49153.2	383.	17.5	15960.	5094.	0.3192	11.60	6882.	15620.
79 322	5557N	17005W	18226.3	35126.1	49796.3	383.	15.0	16960.	5402.	0.3185	10.79	5231.	13860.
79 226	5422N	16617W	18106.3	34789.1	48377.5	410.	17.5	15960.	4831.	0.3027	10.90	5625.	12760.
78 214	5441N	16553W	18225.9	34708.7	48282.2	142.	17.5	18480.	4946.	0.2676	10.56	745.	28600.
79 228	5421N	16632W	18079.2	34821.4	48455.7	150.	8.8	7600.	2028.	0.2668	11.68	1913.	4400.
78 216	5441N	16553W	18225.9	34708.7	48282.2	175.	19.0	18480.	4734.	0.2562	9.58	326.	16940.
79 219	5607N	17037W	18186.0	35138.2	49942.6	328.	16.8	15200.	3851.	0.2533	8.80	11353.	20460.
79 214	5611N	16911W	18453.4	35043.8	49619.9	355.	15.1	15200.	3366.	0.2215	11.13	5223.	15620.
79 3 2	5420N	16654W	18039.9	34866.3	48568.8	410.	16.0	15960.	3381.	0.2118	10.51	9180.	15620.
79 226	5313N	16953W	17198.3	35112.6	49140.0	427.	16.7	18900.	3992.	0.2112	9.65	2620.	12980.
79 3 1	5345N	16735W	17774.3	34962.0	48679.6	437.	15.5	11970.	2060.	0.1721	9.91	5465.	10120.
79 326	5300N	16917W	17247.3	35088.1	48973.7	410.	19.0	16960.	2595.	0.1530	9.04	1537.	8800.
79 219	5443N	16546W	18242.7	34689.1	48245.9	164.	13.3	11520.	1677.	0.1455	10.44	150.	13200.
79 224	5610N	16914W	18441.9	35050.9	49831.3	355.	16.5	15200.	2175.	0.1431	9.68	3083.	11220.
79 2 8	5609N	16926W	18413.0	35074.7	49686.0	227.	17.5	15200.	2125.	0.1398	9.18	4367.	20460.
78 215	5441N	16552W	18227.0	34706.4	48276.5	159.	18.0	18480.	2379.	0.1287	11.44	704.	23540.
78 212	5441N	16556W	18222.4	34715.6	48299.3	175.	17.0	18480.	2348.	0.1271	10.47	0.	27500.
79 221	5441N	16640W	18166.6	34813.9	48544.2	170.	15.5	15120.	1815.	0.1200	9.47	187.	19360.
78 221	5426N	16737W	18048.0	34885.8	48650.8	323.	18.0	18480.	2198.	0.1190	9.71	1445.	4180.
78 2 4	5443N	16601W	18225.8	34723.0	48331.4	153.	17.0	15120.	1769.	0.1170	10.23	3891.	24640.
78 2 3	5440N	16535W	18241.3	34668.7	48177.5	137.	16.3	15120.	1705.	0.1128	15.03	6338.	23320.
78 222	5441N	16608W	18208.2	34743.0	48367.0	175.	18.0	18480.	1806.	0.0977	9.29	513.	12540.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE B-15 (continued). FLOUNDERS, JANUARY-MARCH

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOURS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
79 323	5612N	17059W	18126.6	35128.9	50015.9	383.	20.0	17920.	1601.	0.0893	11.61	11611.	15620.
79 3 1	5300N	16910W	17269.8	35082.5	48947.9	219.	27.9	19980.	1618.	0.0810	7.38	445.	7040.
78 211	5445N	16600W	18236.1	34718.2	48329.6	120.	18.0	18480.	1444.	0.0781	10.08	2346.	22440.
79 3 3	5311N	17001W	17156.5	35116.9	49160.8	383.	18.0	11970.	930.	0.0777	6.52	3909.	7700.
78 2 5	5442N	16600W	18222.4	34723.2	48323.8	153.	17.0	14400.	1070.	0.0743	9.33	1090.	23100.
78 213	5440N	16614W	18196.1	34758.0	48398.6	175.	18.0	18480.	1327.	0.0718	15.95	275.	22880.
79 3 8	5503N	16752W	18172.8	34940.3	48985.1	437.	21.2	18900.	1288.	0.0681	8.43	15588.	20020.
79 215	5520N	16755W	18264.1	34929.7	49051.5	139.	15.0	15200.	983.	0.0646	3.59	3029.	13420.
79 3 3	5325N	16610W	17844.4	34934.3	48223.2	109.	11.0	15000.	924.	0.0616	1.84	6158.	23980.
78 223	5444N	16608W	18224.5	34733.7	48361.7	131.	16.0	18480.	884.	0.0478	9.90	2711.	14080.
78 212	5441N	16558W	18220.1	34720.2	48310.6	159.	17.0	18480.	878.	0.0475	11.55	1379.	27060.
79 210	5434N	16537W	18212.8	34683.6	48178.6	175.	17.2	15120.	485.	0.0321	7.17	990.	13200.
79 2 9	5606N	16930W	18384.0	35082.9	49692.3	131.	15.5	15200.	454.	0.0299	5.75	4680.	22660.
79 119	5500N	16721W	18205.4	34879.0	48813.4	153.	16.7	13860.	390.	0.0281	2.74	1783.	17820.
79 213	5434N	16535W	18215.0	34679.1	48167.3	164.	17.5	15120.	385.	0.0255	8.71	790.	12760.
79 123	5529N	16819W	18278.2	34971.5	49205.5	142.	16.3	13860.	323.	0.0233	2.74	1612.	12100.
79 1 2	5432N	15901W	18461.4	33769.1	45805.8	120.	17.5	13860.	322.	0.0232	2.67	18.	10560.
79 120	5515N	16748W	18246.7	34920.1	48999.6	153.	16.0	13860.	323.	0.0233	2.78	949.	14300.
79 2 2	5435N	16535W	18219.4	34677.4	48169.0	180.	16.6	15120.	346.	0.0229	6.18	1516.	18260.
79 124	5500N	16723W	18202.5	34883.3	48824.1	142.	17.4	13860.	307.	0.0222	3.08	1067.	12760.
79 323	5607N	16858W	18448.2	35018.9	49537.9	355.	15.3	21840.	479.	0.0220	6.13	10735.	12100.
78 2 7	5443N	16538W	18251.3	34670.3	48199.9	153.	16.0	14400.	303.	0.0211	11.44	0.	25740.
79 327	5300N	16910W	17269.8	35082.5	48947.9	109.	12.0	14752.	284.	0.0193	9.20	629.	22000.
79 2 1	5436N	16535W	18223.8	34675.7	48170.7	175.	17.7	15120.	289.	0.0191	5.50	537.	15400.
79 128	5517N	16750W	18254.8	34922.2	49016.0	148.	15.7	13860.	254.	0.0183	3.43	1340.	13640.
79 118	5516N	16748W	18252.2	34919.0	49002.5	148.	16.4	13860.	243.	0.0176	2.68	1061.	16500.
79 125	5502N	16723W	18213.1	34881.0	48829.4	126.	17.0	13860.	239.	0.0172	2.72	3360.	16940.
79 131	5438N	16534W	18233.7	34669.9	48168.4	170.	16.8	15120.	244.	0.0161	5.87	1349.	21340.
79 2 8	5435N	16533W	18221.6	34672.8	48157.6	191.	16.9	15120.	220.	0.0146	8.25	928.	12760.
78 2 6	5444N	16629W	18198.1	34785.7	48490.5	142.	16.0	14400.	207.	0.0144	6.82	2113.	11440.
79 210	5605N	16928W	18321.3	35079.9	49879.0	104.	15.8	15200.	219.	0.0144	2.99	2982.	20240.
79 116	5529N	16815W	18284.7	34963.1	49184.7	126.	16.4	13860.	179.	0.0129	2.45	1361.	11880.
79 131	5605N	17021W	18231.9	35135.7	49886.8	79.	17.5	15200.	195.	0.0129	4.48	2274.	16280.
79 215	5433N	16535W	18219.6	34680.8	48165.5	175.	17.1	15120.	191.	0.0126	8.25	780.	19580.
79 317	5223N	17002W	16893.8	35115.9	49023.5	383.	18.0	17100.	214.	0.0125	14.64	6174.	9900.
79 2 5	5434N	16536W	18213.5	34681.4	48173.0	170.	16.5	15120.	186.	0.0123	6.46	674.	12320.
79 325	5259N	16913W	17254.7	35085.0	48956.1	137.	11.0	15680.	186.	0.0118	8.84	2429.	20240.
79 216	5433N	16542W	18202.6	34696.7	48205.5	180.	17.2	15120.	179.	0.0118	9.17	474.	17600.
79 322	5602N	16938W	18337.6	35096.4	49711.2	99.	11.0	16380.	185.	0.0113	2.47	1594.	11660.
79 218	5433N	16541W	18203.7	34694.4	48199.6	175.	17.7	15120.	156.	0.0103	8.21	210.	13420.
79 2 3	5433N	16537W	18208.3	34685.3	48176.9	186.	17.8	15120.	155.	0.0103	6.09	1751.	16940.
79 110	5611N	17055W	18137.9	35131.8	50003.5	113.	6.0	10000.	101.	0.0101	2.20	1407.	6600.
79 2 4	5433N	16536W	18209.5	34683.0	48171.2	180.	16.3	15120.	154.	0.0102	6.15	426.	11660.
79 130	5440N	16533W	18243.5	34664.0	48166.0	164.	17.0	15120.	152.	0.0101	6.07	429.	11000.
79 310	5301N	16910W	17275.3	35082.5	48950.8	137.	5.3	8100.	75.	0.0093	13.02	204.	7920.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE B-15 (continued). FLOUNDERS, JANUARY-MARCH

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES ZX	ZY	ZZ	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 212	5433N	16537W	18208.3	34685.3	48176.9	175.	18.0	15120.	142.	0.0094	7.86	739.	17380.
79 2 7	5434N	16540W	18209.3	34690.5	48195.7	186.	17.3	15120.	135.	0.0089	4.53	1156.	16940.
79 1 8	5442N	16600W	18222.4	34723.2	48323.8	137.	15.5	13860.	120.	0.0087	2.38	1220.	12980.
79 221	5605N	16920W	18397.6	35065.8	49641.3	115.	17.5	15200.	130.	0.0086	3.02	5057.	25960.
79 110	5516N	16746W	18255.2	34914.6	48591.8	126.	16.0	13860.	119.	0.0086	2.78	501.	13420.
79 220	5433N	16636W	18132.6	34915.5	48504.2	131.	16.4	14040.	119.	0.0085	7.02	237.	11440.
79 3 8	5257N	16759W	17461.2	35011.3	48659.0	101.	16.0	15960.	132.	0.0082	1.98	837.	29480.
79 217	5433N	16536W	18209.5	34683.0	48171.2	170.	18.0	15120.	113.	0.0074	11.37	397.	16060.
79 214	5433N	16540W	18204.9	34692.2	48193.9	202.	17.2	15120.	111.	0.0073	6.90	892.	20900.
79 2 5	5602N	17013W	18237.2	35131.7	49846.9	78.	13.0	13680.	99.	0.0073	3.62	2045.	11000.
79 2 4	5603N	17008W	18261.0	35128.6	49834.0	78.	13.2	13680.	98.	0.0072	3.68	1185.	12760.
79 130	5602N	17010W	18247.1	35129.9	49836.5	79.	17.5	15200.	108.	0.0071	1.77	2817.	16720.
79 127	5501N	16723W	18207.8	34892.1	48626.8	131.	16.7	13860.	89.	0.0064	2.80	1585.	13640.
79 211	5434N	16541W	18208.2	34692.8	48201.4	186.	16.0	15120.	93.	0.0061	6.51	777.	13420.
79 126	5516N	16747W	18253.7	34916.8	48997.1	120.	16.7	13860.	77.	0.0056	3.15	1233.	9020.
78 321	5446N	16614W	18224.3	34748.9	48410.9	101.	16.5	20580.	106.	0.0052	6.13	280.	5940.
78 328	5449N	16614W	18238.4	34744.1	48416.9	93.	17.1	20580.	101.	0.0049	6.20	1813.	11000.
79 3 8	5536N	16850W	18266.1	35027.2	49385.8	437.	11.0	15000.	71.	0.0047	5.39	6529.	6600.
79 224	5303N	16718W	17594.8	34956.1	48496.3	120.	17.3	15120.	61.	0.0040	1.65	81.	20240.
79 316	5301N	16721W	17577.6	34961.1	48504.9	109.	20.0	20520.	80.	0.0039	2.42	893.	32560.
79 1 4	5431N	15903W	18456.4	33776.5	45813.3	93.	17.0	13860.	52.	0.0038	2.01	178.	9680.
79 2 3	5604N	17017W	18238.5	35134.0	49869.3	78.	16.5	15200.	58.	0.0038	2.83	1730.	12760.
79 318	5259N	16720W	17569.9	34960.6	48495.7	492.	22.7	18900.	68.	0.0036	8.14	20000.	29260.
79 2 6	5444N	16545W	18246.2	34685.0	48241.9	153.	16.8	15120.	54.	0.0036	5.06	1002.	13200.
79 117	5232N	16947W	16994.7	35108.2	48598.9	99.	7.0	11000.	37.	0.0034	2.54	406.	11440.
79 117	5530N	16815W	18290.5	34962.1	49187.9	98.	16.1	13860.	46.	0.0033	2.69	871.	11880.
79 320	5307N	16902W	17333.4	35075.4	48938.2	137.	11.0	15680.	52.	0.0033	8.86	618.	19360.
79 211	5434N	16539W	18210.5	34688.2	48190.0	180.	17.1	15120.	49.	0.0032	4.69	692.	12100.
79 2 2	5602N	17008W	18253.6	35128.5	49829.5	79.	17.0	15200.	50.	0.0033	2.24	2310.	17600.
79 227	5233N	16928W	17065.7	35096.5	48936.4	126.	8.1	7560.	24.	0.0031	6.60	500.	12980.
79 225	5302N	16720W	17585.1	34959.4	48502.9	109.	17.5	15120.	47.	0.0031	1.54	104.	23980.
78 323	5448N	16613W	18234.9	34743.4	48409.3	82.	18.2	20580.	60.	0.0029	3.32	2860.	7920.
79 212	5602N	16954W	18295.8	35116.2	49777.3	92.	12.0	11400.	31.	0.0027	1.51	2623.	10780.
79 322	5303N	16718W	17594.8	34956.1	48496.3	98.	13.1	15600.	43.	0.0028	3.25	909.	13860.
79 3 5	5231N	16957W	16953.8	35113.6	49029.5	115.	9.0	7980.	22.	0.0027	3.85	281.	8140.
79 114	5459N	16715W	18208.9	34867.2	48778.4	131.	18.3	13860.	37.	0.0026	2.36	1765.	11880.
79 119	5233N	16946W	17003.5	35107.7	48598.3	74.	7.5	11000.	29.	0.0026	1.39	608.	18700.
79 1 9	5613N	16951W	18384.2	35112.1	49814.3	78.	12.0	20000.	53.	0.0026	1.76	1041.	11000.
78 225	5445N	16543W	18254.7	34678.5	48232.2	126.	18.0	18480.	46.	0.0025	2.20	1013.	13860.
79 223	5300N	16724W	17565.4	34965.7	48515.8	109.	18.0	14400.	33.	0.0023	1.83	2894.	19360.
79 3 6	5230N	16930W	17043.2	35097.8	48935.1	137.	18.0	15960.	30.	0.0019	1.69	1357.	33000.
79 314	5302N	16721W	17582.7	34960.7	48507.3	98.	17.8	20520.	32.	0.0016	5.17	916.	27060.
78 324	5447N	16550W	18256.1	34691.4	48276.1	85.	16.1	20580.	31.	0.0015	2.53	2551.	8580.
79 111	5604N	16959W	18296.0	35121.2	49805.5	82.	16.0	13860.	19.	0.0014	2.93	1216.	14960.
79 3 4	5326N	16609W	17851.0	34631.7	48220.2	98.	12.0	17000.	23.	0.0013	0.88	1796.	40920.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE B-15 (continued). FLOUNDERS, JANUARY-MARCH

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
79 1 5	5424N	15943W	18425.6	33884.9	46064.0	98.	16.3	13860.	17.	0.0013	2.02	170.	10560.
79 118	5233N	16948W	16996.5	35108.8	49005.1	93.	7.0	10000.	11.	0.0011	2.01	250.	10120.
79 312	5326N	16609W	17851.0	34831.7	48220.2	98.	14.0	19000.	22.	0.0012	1.17	193.	40040.
79 325	5448N	16524W	18286.8	34627.6	48126.7	82.	14.2	21840.	23.	0.0010	0.55	2199.	12320.
79 124	5233N	16944W	17010.6	35108.5	48991.6	85.	8.2	11000.	10.	0.0009	1.10	1113.	19800.
79 3 9	5256N	16803W	17445.3	35016.3	48673.1	98.	18.5	17100.	17.	0.0010	1.16	829.	20680.
79 319	5302N	16720W	17585.1	34959.4	48502.9	109.	10.0	10800.	10.	0.0009	3.08	138.	24200.
79 315	5301N	16721W	17577.6	34961.1	48504.9	98.	19.0	17064.	16.	0.0009	5.17	448.	27940.
79 227	5445N	16527W	18271.2	34640.6	48139.5	115.	16.5	15960.	14.	0.0009	8.80	257.	20900.
79 113	5233N	16947W	17000.0	35108.3	49001.7	98.	11.0	11000.	8.	0.0008	0.88	327.	13420.
79 125	5233N	16945W	17007.1	35107.1	48995.0	94.	8.0	9500.	7.	0.0007	1.10	195.	15400.
79 320	5303N	16715W	17601.9	34951.9	48482.9	104.	12.0	13325.	10.	0.0008	0.88	1079.	25520.
78 322	5449N	16613W	18235.6	34741.8	48411.5	90.	17.0	20580.	14.	0.0007	1.65	1897.	9020.
79 321	5303N	16718W	17594.8	34956.1	48496.3	115.	11.6	13325.	9.	0.0007	1.21	1160.	21560.
78 327	5452N	16641W	18215.6	34801.2	48574.9	90.	17.0	20580.	13.	0.0006	1.36	2127.	7260.
79 1 9	5413N	16743W	17909.3	34959.9	48794.3	137.	16.0	13860.	6.	0.0004	3.30	115.	13860.
78 331	5432N	16537W	18203.9	34687.0	48175.2	101.	19.7	20580.	10.	0.0005	1.21	1230.	11000.
79 127	5232N	16943W	17008.8	35105.9	48985.4	94.	7.5	11500.	4.	0.0004	1.54	418.	20020.
78 330	5446N	16531W	18271.5	34648.2	48164.4	96.	13.0	17640.	6.	0.0003	1.21	1432.	12320.
79 116	5232N	16946W	16998.3	35107.7	48995.5	96.	9.3	11000.	4.	0.0004	1.43	289.	10340.
79 310	5326N	16606W	17856.4	34826.3	48205.2	98.	14.0	20000.	8.	0.0004	0.88	531.	44880.
79 312	5432N	16536W	18205.1	34684.7	48169.5	98.	18.0	20520.	8.	0.0004	3.30	2254.	22440.
79 311	5326N	16610W	17849.2	34833.4	48225.2	104.	14.0	20000.	4.	0.0002	0.88	599.	40700.
78 325	5453N	16600W	18272.4	34704.5	48344.7	82.	19.5	20580.	3.	0.0002	0.77	2409.	8360.
79 114	5232N	16946W	16998.3	35107.7	48995.5	98.	7.0	11000.	2.	0.0002	1.54	199.	15840.
79 310	5254N	16803W	17434.9	35016.7	48667.9	98.	18.0	17100.	3.	0.0002	1.32	1135.	20240.
79 326	5437N	16527W	18236.8	34655.4	48126.5	82.	14.0	21840.	1.	0.0001	0.55	1179.	14520.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

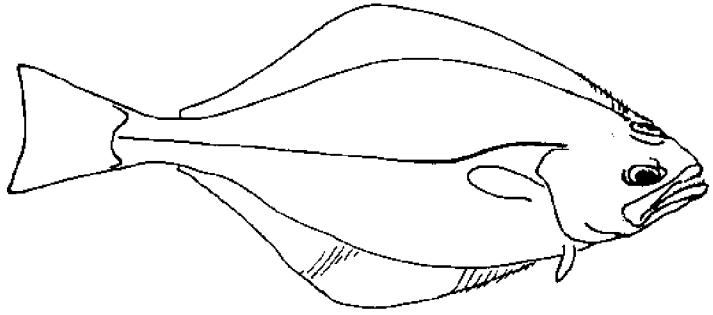


TABLE B-16. FLOUNDERS, APRIL-JUNE

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
79 528	5628N	17143W	17997.3	35054.5	50130.5	355.	16.0	16800.	24344.	1.4490	12.43	905.	25520.
79 531	5627N	17129W	18072.1	35080.5	50115.6	328.	13.5	16800.	22389.	1.3327	11.02	490.	23100.
79 6 7	5603N	16833W	18457.7	34964.5	49389.2	328.	18.3	20720.	24663.	1.1903	14.10	1006.	28160.
79 612	5601N	16841W	18435.7	34986.4	49426.7	342.	18.2	20720.	21590.	1.0420	10.62	697.	24420.
79 6 8	5533N	16833W	18278.6	34996.6	49290.6	372.	16.0	19200.	17267.	0.8993	11.28	295.	18040.
79 620	5312N	16919W	17307.3	35089.3	49016.5	355.	13.5	16800.	13226.	0.7872	10.97	964.	16060.
79 527	5420N	16642W	18058.6	34842.6	48506.2	399.	16.0	19200.	14484.	0.7544	11.54	1414.	16500.
79 413	5426N	16716W	18032.3	34903.0	48696.8	410.	16.0	17575.	13061.	0.7431	12.04	5754.	20240.
79 6 1	5440N	16733W	18077.7	34923.3	48821.3	369.	19.4	20720.	14937.	0.7209	11.36	1531.	19800.
79 523	5602N	17001W	18275.3	35123.0	49804.1	355.	13.0	16800.	12092.	0.7198	12.25	3702.	21120.
79 6 9	5603N	16833W	18457.7	34964.5	49389.2	355.	20.3	20720.	14532.	0.7014	12.16	1888.	17600.
79 523	5312N	16917W	17313.8	35087.8	49009.1	388.	15.0	19200.	12787.	0.6660	9.00	390.	14740.
79 614	5320N	16902W	17405.7	35074.5	48976.6	383.	18.5	20720.	13243.	0.6391	9.75	1824.	17600.
79 528	5420N	16739W	17956.2	34948.9	48794.8	437.	16.0	19200.	12272.	0.6392	12.85	6406.	22220.
79 410	5421N	16623W	18092.7	34802.9	48407.7	405.	13.4	16380.	10464.	0.6388	11.38	4772.	18700.
79 530	5321N	16902W	17411.4	35074.4	48979.6	454.	17.0	19200.	12251.	0.6381	8.35	373.	16060.
79 610	5605N	16836W	18465.6	34969.1	49412.1	364.	20.0	19018.	11517.	0.6056	10.83	441.	16060.
79 531	5315N	16918W	17327.4	35088.5	49021.8	437.	16.0	19200.	9966.	0.5191	10.59	1422.	13640.
79 6 3	5528N	16827W	18258.7	34988.6	49243.3	342.	20.2	20720.	10437.	0.5037	11.44	272.	11880.
79 4 6	5313N	16916W	17322.6	35086.9	49008.4	372.	13.5	18130.	8628.	0.4759	8.82	1028.	10780.
79 4 5	5312N	16908W	17342.4	35080.3	48975.5	383.	10.2	10440.	4919.	0.4712	7.82	411.	10560.
79 530	5605N	16854W	18441.7	35012.0	49509.8	328.	14.0	16800.	7110.	0.4232	7.93	2797.	10780.
79 6 6	5506N	16752W	18189.8	34937.5	48994.1	328.	16.4	20720.	8177.	0.3946	9.99	5078.	16060.
79 5 5	5617N	17123W	18040.8	35101.8	50075.4	328.	17.4	23520.	9061.	0.3853	12.46	5736.	16280.
79 410	5315N	16947W	17230.6	35109.0	49125.6	328.	14.0	14134.	4762.	0.3369	11.78	2746.	14740.
79 6 8	5608N	16858W	18454.4	35017.9	49541.4	342.	18.3	20720.	6933.	0.3346	9.99	7811.	16720.
79 411	5420N	16634W	18071.2	34826.6	48464.0	427.	14.0	20475.	6198.	0.3027	10.94	85147.	92840.
79 6 2	5515N	16803W	18222.9	34951.5	49078.4	342.	17.0	20720.	5776.	0.2787	9.53	1554.	10780.
79 529	5518N	16803W	18240.1	34948.7	49087.6	410.	16.0	19200.	4950.	0.2578	8.36	630.	9460.
79 521	5507N	16755W	18190.4	34942.7	49012.6	410.	9.1	10360.	2507.	0.2420	9.20	2557.	6160.
79 6 6	5259N	16912W	17257.9	35084.2	48952.4	334.	17.0	19200.	4074.	0.2122	11.58	735.	7260.
79 411	5451N	16736W	18133.0	34919.4	48867.7	465.	12.0	16200.	3111.	0.1921	11.26	4985.	11000.
78 611	5312N	16937W	17247.8	35102.5	49081.4	328.	16.0	15540.	2342.	0.1507	10.97	1523.	7920.
79 5 4	5604N	17048W	18116.0	35136.3	49957.5	437.	18.3	23520.	2827.	0.1202	13.52	8462.	12760.
79 618	5457N	16709W	18207.0	34856.6	48740.7	115.	16.0	20720.	2274.	0.1098	6.57	875.	31460.
79 525	5259N	16911W	17261.1	35083.4	48948.7	328.	16.0	19200.	2044.	0.1065	10.63	1101.	12320.
78 613	5259N	17105W	16843.7	35137.0	49320.9	355.	21.0	16650.	1500.	0.0901	6.92	2760.	7040.
79 630	5241N	17144W	16578.9	35138.0	49372.2	410.	19.0	27000.	2333.	0.0864	12.67	12184.	18920.
79 6 7	5310N	16942W	17219.5	35105.8	49092.8	246.	16.0	16800.	1431.	0.0852	6.91	3232.	10780.
79 530	5500N	16720W	18206.9	34876.9	48608.0	159.	14.5	20720.	1759.	0.0849	5.99	1356.	17820.
79 527	5229N	17159W	16448.9	35137.0	49375.6	301.	8.2	7770.	615.	0.0792	13.13	2998.	5280.
79 6 4	5530N	16815W	18290.5	34962.1	49187.9	109.	15.3	20720.	1526.	0.0736	5.81	597.	20460.
79 6 5	5523N	16755W	18280.9	34928.3	49060.4	112.	15.0	20165.	1432.	0.0710	5.00	662.	22000.
79 6 5	5307N	16934W	17229.8	35100.5	49055.6	273.	16.0	14400.	1004.	0.0697	8.34	3846.	11660.
79 529	5302N	17029W	17003.7	35128.7	49223.3	301.	10.2	2960.	191.	0.0646	12.93	534.	880.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE B-16 (continued). FLOUNDERS, APRIL-JUNE

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
79 413	5420N	16700W	18028.7	34877.9	48599.7	410.	12.3	16380.	982.	0.0599	9.90	14303.	16720.
79 524	5309N	16941W	17217.3	35105.2	49086.3	410.	16.0	19200.	1108.	0.0577	12.18	3547.	5280.
79 4 7	5608N	16928W	18402.0	35078.7	49691.3	328.	14.5	18500.	1066.	0.0576	11.01	2176.	5060.
79 617	5457N	16700W	18219.5	34836.8	48691.6	115.	15.1	20720.	1135.	0.0548	6.02	1345.	23320.
78 612	5303N	17027W	17017.0	35128.0	49220.1	383.	17.0	16650.	891.	0.0535	13.93	2469.	7040.
79 611	5535N	16830W	18295.9	34988.8	49282.1	137.	16.0	20720.	1080.	0.0521	6.08	1393.	38940.
79 531	5454N	16658W	18207.0	34836.3	48673.3	148.	14.4	20720.	1027.	0.0496	6.03	1076.	16280.
78 6 3	5335N	16511W	17986.2	34712.8	47937.6	345.	16.0	19200.	832.	0.0434	8.22	3252.	17820.
79 616	5424N	16703W	18044.4	34879.9	48625.2	301.	10.0	10360.	436.	0.0421	8.41	872.	2200.
79 528	5421N	16725W	17989.0	34923.6	48728.7	416.	15.0	19200.	437.	0.0228	5.72	2423.	2860.
79 522	5517N	16753W	18250.2	34928.6	49032.0	164.	9.1	10360.	191.	0.0184	3.94	1776.	12760.
79 412	5515N	16745W	18251.2	34913.6	48983.5	260.	15.5	18500.	298.	0.0161	4.51	4799.	13860.
78 419	5332N	16530W	17944.3	34753.5	48032.4	306.	16.4	22260.	327.	0.0147	6.42	7369.	14960.
79 612	5437N	15830W	18483.4	33686.9	45615.4	98.	14.0	19200.	263.	0.0137	1.55	1766.	15180.
78 6 1	5400N	16300W	18232.9	34390.2	47233.8	350.	18.5	20160.	269.	0.0133	4.84	1687.	13640.
79 522	5522N	16756W	18273.8	34929.6	49062.8	109.	16.1	20720.	277.	0.0134	4.88	2598.	16500.
79 526	5218N	17118W	16569.9	35137.5	49237.4	314.	17.5	13320.	162.	0.0122	12.98	3229.	12760.
79 522	5617N	16947W	18423.4	35106.1	49815.3	98.	13.0	16800.	140.	0.0094	2.82	4868.	17160.
79 4 8	5618N	16930W	18466.8	35077.4	49741.9	109.	12.5	16200.	132.	0.0082	2.53	4420.	15180.
78 416	5354N	16317W	18196.4	34440.5	47328.1	328.	17.5	22260.	167.	0.0075	4.80	6492.	15400.
79 412	5444N	16618W	18210.0	34761.0	48429.2	98.	12.0	18330.	136.	0.0074	3.47	756.	12760.
79 5 2	5423N	16004W	18413.6	33934.2	46190.0	93.	17.5	23520.	149.	0.0063	1.63	925.	23320.
79 611	5421N	15937W	18421.0	33880.6	46031.2	328.	17.0	19200.	112.	0.0058	3.83	23206.	26180.
79 5 3	5418N	16030W	18388.0	34006.4	46348.3	93.	14.0	16800.	89.	0.0053	1.26	342.	16940.
78 6 6	5340N	16430W	18062.9	34622.5	47723.8	339.	13.5	19200.	82.	0.0042	5.28	5819.	11220.
78 415	5344N	16401W	18113.5	34554.8	47568.3	317.	16.9	22260.	94.	0.0042	4.73	4772.	14520.
78 531	5404N	16140W	18306.9	34200.6	46767.2	355.	18.0	19200.	76.	0.0039	1.76	11117.	20020.
78 6 5	5314N	16623W	17767.5	34865.2	48264.6	355.	17.0	19200.	73.	0.0038	3.52	5473.	9900.
78 6 2	5354N	16328W	18185.9	34464.9	47391.1	98.	18.5	19200.	41.	0.0021	2.20	3751.	17380.
78 414	5340N	16430W	18062.9	34622.5	47723.8	328.	17.5	22260.	46.	0.0021	8.91	7566.	11660.
79 524	5233N	16919W	17095.9	35090.2	48904.6	342.	16.6	20720.	40.	0.0019	7.70	15235.	21560.
78 417	5335N	16455W	18009.0	34680.8	47852.3	317.	16.5	22260.	27.	0.0012	5.17	6101.	11000.
79 525	5221N	17005W	16872.4	35117.2	49027.7	314.	18.5	20720.	17.	0.0008	2.86	7009.	22000.
78 4 4	5446N	16527W	18275.4	34638.7	48141.1	101.	15.5	20580.	13.	0.0006	1.32	2221.	8800.
78 4 1	5446N	16528W	18274.4	34641.1	48146.9	104.	17.0	20580.	9.	0.0004	1.21	1359.	10560.
78 4 3	5444N	16522W	18271.9	34630.6	48108.8	104.	18.0	20580.	9.	0.0004	1.21	1332.	10780.
78 411	5448N	16536W	18275.1	34656.4	48196.8	104.	16.5	20580.	7.	0.0003	1.65	615.	5940.
79 4 9	5431N	16536W	18200.6	34686.4	48167.8	88.	13.6	21840.	3.	0.0001	0.80	470.	3740.
78 4 9	5445N	16524W	18274.1	34633.4	48122.0	98.	15.3	20580.	2.	0.0001	0.88	466.	7260.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE B-17. FLOUNDERS, JULY-SEPTEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	********	********	**********	*********	********	********
79 718	5557N	17003W	18232.5	35124.5	49789.1	355.	21.0	16800.	29864.	1.7657	11.16	881.	33440.
79 915	5311N	16909W	17333.6	35081.2	48576.3	437.	21.7	19950.	24826.	1.2444	11.14	539.	27060.
79 823	5313N	16903W	17363.5	35075.9	48559.6	383.	17.5	21280.	24490.	1.1508	11.35	1802.	28380.
79 820	5536N	16847W	18271.8	35021.6	49371.1	383.	12.0	19200.	19371.	1.0089	10.48	1702.	21120.
78 726	5312N	16904W	17354.9	35076.8	48560.4	383.	16.2	19000.	17650.	0.9290	12.76	549.	19140.
78 9 7	5558N	16946W	18288.8	35107.5	49727.6	394.	15.0	17220.	14994.	0.8707	11.94	8707.	31020.
79 822	5318N	16905W	17385.3	35077.3	48982.0	383.	18.5	21280.	17289.	0.8124	11.66	1376.	20460.
79 825	5536N	16843W	18279.2	35013.9	49351.3	301.	18.0	21280.	15625.	0.7343	10.22	307.	16060.
79 917	5450N	16659W	18185.1	34843.6	48669.0	153.	16.2	19950.	13731.	0.6882	10.65	1850.	33660.
79 8 2	5319N	16902W	17400.1	35074.6	48973.6	328.	16.0	21280.	14446.	0.6789	9.13	832.	16280.
79 731	5320N	16902W	17405.7	35074.5	48976.6	437.	15.5	21280.	14176.	0.6661	10.97	455.	15620.
79 8 1	5318N	16907W	17379.1	35079.1	48989.6	437.	15.5	21280.	13645.	0.6412	11.49	1058.	15400.
79 823	5507N	16753W	18193.8	34938.6	49002.2	383.	11.0	16800.	10617.	0.6320	13.18	2805.	13420.
79 9 5	5601N	16836W	18442.3	34974.5	49399.5	153.	17.4	17727.	10942.	0.6172	8.40	4406.	38060.
79 711	5624N	17125W	18075.6	35091.0	50101.3	410.	18.5	18400.	10974.	0.5964	10.00	5587.	18260.
78 729	5318N	16907W	17379.1	35079.1	48999.0	383.	16.7	20000.	11887.	0.5943	11.68	312.	12540.
78 731	5558N	16935W	18318.7	35092.9	49681.2	361.	16.5	20000.	8786.	0.4393	9.97	593.	11660.
78 728	5312N	16902W	17361.0	35075.0	48952.8	383.	15.3	19000.	7959.	0.4189	9.87	440.	9900.
79 9 6	5612N	16909W	18463.1	35038.6	49613.4	153.	15.7	18240.	7619.	0.4177	8.15	4487.	46200.
79 7 8	5614N	17106W	18107.3	35122.5	50037.4	383.	16.3	18400.	7479.	0.4065	10.51	5389.	13860.
79 821	5548N	16854W	18334.9	35026.8	49449.1	383.	12.0	16800.	6315.	0.3759	11.24	6752.	13860.
79 9 2	5453N	16705W	18192.0	34852.9	48708.9	164.	15.7	18240.	6790.	0.3723	10.93	1204.	32340.
79 719	5530N	16821W	18280.9	34974.7	49219.1	180.	17.3	16800.	6157.	0.3665	7.95	1739.	30140.
79 9 3	5500N	16727W	18196.4	34891.8	48845.5	164.	15.5	18240.	6684.	0.3665	8.66	1056.	26620.
78 730	5532N	16827W	18282.8	34985.3	49256.6	383.	16.2	20000.	5817.	0.2908	11.81	239.	7040.
79 7 7	5608N	17035W	18201.5	35138.2	49941.7	410.	21.2	16560.	4405.	0.2660	13.54	4415.	10560.
79 716	5534N	16629W	18291.5	34967.6	49273.6	235.	16.3	16800.	4442.	0.2644	4.38	1456.	27500.
79 722	5611N	16923W	18432.4	35068.0	49679.7	372.	10.0	17640.	4123.	0.2337	9.18	5221.	10340.
79 9 7	5519N	16752W	18263.0	34924.3	49032.6	153.	16.8	19950.	3222.	0.1615	6.25	1521.	47960.
78 829	5610N	16919W	18433.1	35060.9	49655.2	301.	19.4	20000.	3222.	0.1611	14.30	689.	4620.
79 9 4	5511N	16743W	18232.1	34913.7	48961.4	159.	15.8	18240.	2376.	0.1303	6.98	1100.	37620.
79 712	5416N	16023W	18391.6	33990.8	46306.6	93.	18.0	16800.	2082.	0.1239	2.43	1023.	15180.
79 715	5507N	16740W	18214.6	34911.7	48534.0	235.	16.0	16800.	1913.	0.1139	5.58	4054.	25300.
78 9 6	5536N	16935W	18163.2	35096.6	49589.4	115.	15.0	17220.	1951.	0.1133	9.00	7351.	26620.
78 7 7	5419N	16046W	18382.3	34039.6	46443.2	98.	13.0	15540.	1434.	0.0923	1.79	1273.	19140.
78 821	5425N	15948W	18425.8	33893.0	46092.9	77.	15.0	17220.	1370.	0.0796	2.64	1354.	63360.
78 919	5417N	16034W	18383.3	34018.2	46372.7	98.	13.0	11275.	788.	0.0699	2.76	86.	9680.
78 830	5616N	16933W	18447.2	35083.9	49747.9	170.	16.3	20000.	1353.	0.0676	5.62	2237.	17820.
79 713	5408N	16138W	18320.3	34186.2	46755.2	82.	17.0	16800.	1049.	0.0625	5.70	2669.	16720.
79 717	5558N	16840W	18419.1	34987.6	49411.4	224.	17.0	16800.	1046.	0.0623	5.13	1382.	31460.
79 918	5436N	15835W	18479.5	33700.7	45646.4	120.	10.5	16800.	1037.	0.0618	3.01	3046.	33440.
78 7 5	5426N	16613W	18131.0	34775.5	48364.2	301.	8.0	12950.	797.	0.0615	10.43	413.	3080.
79 916	5435N	15841W	18475.3	33716.7	45683.3	104.	11.0	16800.	933.	0.0556	2.62	574.	28600.
78 9 2	5417N	16100W	18369.3	34076.7	46527.6	82.	17.5	17520.	961.	0.0548	2.36	1636.	16500.
79 8 7	5442N	15802W	18502.7	33611.8	45442.6	383.	16.0	14400.	760.	0.0528	4.07	8765.	13200.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE B-17 (continued). FLOUNDERS, JULY-SEPTEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
78 825	5607N	16939W	18370.7	35096.7	49736.9	170.	17.1	20000.	932.	0.0466	4.14	1475.	18260.
78 9 3	5603N	16820W	18472.4	34931.5	49316.0	88.	15.0	17220.	715.	0.0415	2.42	712.	8800.
78 828	5606N	16929W	18386.1	35081.2	49687.7	164.	16.3	20000.	822.	0.0411	9.24	1237.	17820.
79 517	5434N	15841W	18473.1	33719.9	45684.7	120.	11.4	16800.	671.	0.0399	2.45	257.	28600.
78 8 3	5555N	16846W	18392.0	35004.3	49433.1	153.	17.0	20000.	795.	0.0398	3.07	2708.	12320.
78 812	5516N	16749W	18250.7	34921.1	49007.8	197.	16.2	20000.	794.	0.0397	4.95	506.	12320.
79 825	5437N	15834W	18482.0	33695.4	45639.1	98.	15.8	19950.	737.	0.0369	2.41	737.	13200.
78 7 4	5422N	16723W	17998.1	34919.2	48721.5	383.	8.0	11100.	373.	0.0336	8.70	423.	880.
78 814	5433N	16539W	18206.0	34689.9	48188.3	175.	17.5	20000.	656.	0.0329	6.92	618.	17160.
78 7 8	5417N	16123W	18356.1	34128.9	46664.9	88.	13.0	15540.	506.	0.0326	2.41	563.	13640.
78 8 7	5613N	16918W	18454.8	35056.8	49662.9	142.	16.5	20000.	634.	0.0317	3.93	1317.	9020.
78 826	5601N	16936W	18335.4	35093.7	49698.2	164.	17.4	20000.	603.	0.0302	8.88	1643.	16500.
78 819	5442N	16605W	18216.5	34734.6	48352.1	159.	16.0	20000.	595.	0.0298	9.04	362.	7920.
78 9 9	5418N	16050W	18377.5	34051.4	46467.6	71.	17.0	19200.	549.	0.0286	2.37	714.	15620.
79 830	5309N	16634W	17721.3	34886.7	48306.9	306.	16.0	21280.	588.	0.0276	4.45	4514.	12320.
78 921	5418N	16046W	18379.6	34042.4	46443.7	77.	17.0	15990.	406.	0.0254	2.92	1266.	17160.
79 717	5400N	16250W	18241.4	34367.7	47175.8	295.	18.0	17480.	442.	0.0253	4.78	5622.	16720.
78 7 9	5421N	16015W	18403.3	33964.5	46257.0	98.	14.0	15540.	383.	0.0246	3.17	603.	17600.
79 914	5237N	16904W	17165.8	35078.7	48861.2	355.	16.5	19950.	466.	0.0234	5.68	27125.	31020.
78 9 6	5418N	16053W	18375.9	34058.1	46485.5	82.	17.0	19200.	402.	0.0209	2.38	1010.	13640.
78 723	5430N	15940W	18441.3	33860.3	46040.6	77.	15.5	20000.	408.	0.0204	2.75	685.	14300.
79 716	5616N	16937W	18438.9	35090.8	49766.5	126.	13.3	13800.	277.	0.0201	5.94	1444.	25740.
78 712	5422N	16012W	18407.3	33954.9	46238.4	88.	16.1	23200.	455.	0.0196	1.79	480.	12100.
78 827	5617N	16941W	18437.3	35097.1	49788.9	170.	16.1	20000.	391.	0.0195	3.30	698.	17820.
79 818	5444N	15800W	18507.3	33601.0	45427.6	109.	13.0	17640.	325.	0.0184	4.15	6161.	11880.
79 713	5616N	16939W	18434.6	35094.2	49775.6	109.	14.2	13800.	243.	0.0176	9.24	1615.	16280.
79 8 8	5416N	16118W	18356.2	34120.2	46635.3	284.	15.5	21280.	371.	0.0174	5.20	16342.	25080.
78 724	5440N	16614W	18196.1	34758.0	48398.6	164.	16.6	20000.	347.	0.0174	5.67	1036.	13200.
78 821	5619N	16940W	18453.7	35094.8	49793.0	164.	16.5	20000.	343.	0.0171	3.62	1034.	22440.
78 711	5428N	15928W	18441.6	33840.0	45970.8	104.	15.4	23200.	393.	0.0169	2.66	44.	14960.
78 9 7	5417N	16118W	18359.1	34117.5	46635.1	71.	16.5	19200.	323.	0.0168	2.42	925.	14520.
78 910	5447N	15832W	18503.4	33658.7	45613.0	98.	17.9	20160.	333.	0.0165	2.60	1017.	23980.
78 817	5439N	16539W	18232.6	34679.7	48198.7	172.	17.0	20000.	330.	0.0165	6.70	1715.	11220.
78 828	5437N	15805W	18491.7	33634.3	45468.4	301.	16.0	19200.	301.	0.0157	4.91	19522.	29260.
79 728	5404N	16203W	18290.9	34252.5	46502.4	279.	16.5	21280.	329.	0.0155	6.11	7835.	21560.
78 9 8	5607N	16951W	18340.5	35112.6	49787.5	104.	15.0	17220.	260.	0.0151	2.55	1789.	13420.
78 9 8	5419N	16112W	18368.2	34098.5	46598.7	77.	17.0	17280.	260.	0.0151	2.33	868.	12760.
78 9 3	5419N	16058W	18375.9	34066.7	46514.9	88.	17.0	19200.	281.	0.0147	2.37	771.	15400.
78 713	5402N	16302W	18238.2	34390.5	47246.5	82.	16.3	23200.	331.	0.0143	2.36	352.	12760.
79 9 8	5402N	16243W	18253.9	34347.5	47136.0	328.	15.0	21280.	284.	0.0133	3.99	12925.	25080.
79 9 5	5428N	15833W	18463.1	33721.6	45646.0	93.	14.5	21280.	273.	0.0128	2.15	754.	39820.
78 917	5418N	16037W	18384.4	34022.1	46390.0	82.	16.0	15990.	201.	0.0126	2.38	418.	22880.
79 920	5437N	15830W	18483.4	33686.9	45615.4	109.	11.6	16800.	209.	0.0124	2.36	934.	16940.
79 712	5615N	16939W	18427.5	35094.5	49771.3	109.	16.0	14720.	169.	0.0115	5.31	4268.	22660.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE B-17 (continued). FLOUNDERS, JULY-SEPTEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
78 515	5448N	15827W	18507.0	33644.7	45581.6	104.	21.7	20160.	226.	0.0112	2.64	869.	20900.
78 829	5425N	15900W	18446.1	33788.4	45808.4	334.	18.0	19200.	206.	0.0107	4.00	41596.	48620.
79 710	5616N	16935W	18443.1	35087.4	49757.2	109.	12.0	13800.	145.	0.0105	6.34	1993.	21780.
78 9 4	5601N	16940W	18325.7	35099.3	49715.5	90.	15.0	17220.	179.	0.0104	2.20	388.	14740.
79 7 7	5448N	15931W	18486.2	33783.9	45968.9	377.	16.0	27000.	280.	0.0104	3.57	13250.	18040.
78 8 1	5553N	16854W	18366.6	35023.0	49467.2	137.	16.0	20000.	202.	0.0101	3.41	846.	9900.
78 823	5616N	16940W	18432.4	35095.8	49780.1	167.	17.3	20000.	191.	0.0096	2.21	622.	17600.
79 725	5359N	16303W	18226.8	34399.0	47250.7	328.	16.5	21280.	201.	0.0094	6.05	10942.	20900.
79 818	5407N	16215W	18291.8	34272.6	46973.4	301.	17.5	14400.	134.	0.0093	5.76	4846.	13640.
79 718	5404N	16200W	18293.1	34245.7	46884.8	295.	16.2	18400.	171.	0.0093	4.09	7291.	22440.
78 822	5415N	16040W	18374.7	34037.1	46409.4	350.	15.0	17220.	156.	0.0091	4.99	19961.	34540.
77 924	5357N	16244W	18236.2	34360.6	47139.7	448.	11.5	14000.	126.	0.0090	6.16	5795.	16500.
79 820	5311N	16637W	17724.9	34890.2	48325.4	328.	16.0	12600.	115.	0.0091	3.81	5539.	11660.
78 9 5	5418N	16055W	18374.8	34062.7	46497.4	60.	18.0	19200.	173.	0.0090	2.31	523.	14960.
79 827	5414N	16102W	18359.8	34089.3	46540.6	290.	16.3	21280.	188.	0.0089	4.12	57382.	60060.
78 516	5424N	15919W	18435.9	33832.5	45521.6	347.	16.0	15990.	141.	0.0088	3.30	9708.	21560.
78 8 6	5602N	16823W	18463.6	34940.8	49330.2	153.	16.0	20000.	175.	0.0088	2.96	400.	8800.
79 8 9	5400N	16303W	18230.3	34396.9	47251.2	306.	16.5	21280.	181.	0.0085	7.04	9832.	19140.
78 710	5428N	15930W	18440.7	33844.4	45982.8	93.	16.0	23200.	197.	0.0085	3.12	306.	12320.
78 824	5401N	16300W	18236.4	34388.1	47234.4	328.	16.0	17220.	142.	0.0082	5.17	35797.	48840.
79 9 2	5256N	16733W	17523.1	34979.1	48545.6	355.	13.0	14440.	115.	0.0080	5.50	13857.	20020.
78 815	5431N	16541W	18194.8	34697.7	48196.0	170.	16.5	20000.	158.	0.0079	4.56	844.	11220.
78 920	5449N	15829W	18508.4	33645.7	45592.2	93.	18.2	20160.	148.	0.0073	2.64	328.	18700.
78 915	5458N	15830W	18526.1	33617.4	45585.4	88.	17.9	20160.	146.	0.0072	2.62	462.	20680.
79 920	5433N	15833W	18473.9	33706.0	45638.8	109.	10.0	16800.	121.	0.0072	2.39	250.	14080.
78 716	5448N	15806W	18513.3	33600.3	45456.5	77.	16.0	23200.	167.	0.0072	2.57	482.	19580.
78 816	5430N	16539W	18192.7	34694.8	48183.0	159.	16.5	20000.	143.	0.0072	4.80	1244.	11880.
79 8 6	5423N	15924W	18431.5	33846.3	45952.3	383.	16.0	21280.	150.	0.0070	3.70	13312.	22000.
79 814	5452N	15822W	18516.5	33620.7	45545.8	98.	12.0	17640.	124.	0.0070	2.65	1235.	22440.
78 9 4	5418N	16056W	18374.2	34064.9	46503.4	71.	17.5	19200.	130.	0.0068	2.31	604.	15840.
79 712	5616N	16935W	18443.1	35087.4	49757.2	109.	15.0	17480.	118.	0.0068	12.21	1012.	18480.
78 9 5	5602N	16935W	18344.8	35092.0	49698.1	96.	15.0	17220.	116.	0.0067	1.95	917.	18040.
79 7 3	5422N	15935W	18424.3	33873.3	46018.4	317.	18.1	18400.	123.	0.0067	2.82	16208.	20020.
79 817	5439N	15819W	18491.2	33657.2	45547.5	98.	12.0	17640.	114.	0.0065	4.10	707.	29040.
79 9 7	5403N	16237W	18262.1	34331.7	47101.3	328.	15.5	21280.	135.	0.0063	3.96	9684.	21780.
79 9 4	5436N	15831W	18480.9	33692.2	45822.8	98.	15.0	21280.	134.	0.0063	2.79	502.	56760.
78 511	5448N	15828W	18506.7	33646.9	45587.6	77.	18.9	20160.	125.	0.0062	2.62	171.	21780.
79 7 8	5434N	15827W	18478.1	33690.1	45602.1	383.	18.0	16800.	96.	0.0057	11.00	11203.	22440.
79 7 4	5403N	16150W	18297.0	34225.5	46826.0	380.	17.5	27000.	157.	0.0058	3.76	10899.	16500.
78 914	5432N	15859W	18462.1	33764.8	45793.9	93.	19.3	20160.	115.	0.0057	2.78	2129.	16280.
79 827	5455N	15822W	18522.4	33610.6	45541.4	98.	16.7	19950.	112.	0.0056	3.09	260.	12320.
79 724	5408N	16218W	18292.8	34277.0	46991.3	383.	16.5	21280.	116.	0.0054	8.87	11803.	19360.
79 715	5616N	16938W	18436.7	35092.5	49771.0	126.	13.5	13800.	72.	0.0052	4.25	1396.	18920.
78 9 1	5405N	16200W	18296.2	34243.3	46884.9	98.	18.0	19200.	99.	0.0052	1.89	858.	12540.
79 8 6	5438N	15805W	18493.7	33631.0	45466.8	383.	18.0	15840.	81.	0.0051	3.61	9619.	13420.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE B-17 (continued). FLOUNDERS, JULY-SEPTEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 714	5616N	16939W	18434.6	35094.2	49775.6	104.	13.5	13800.	71.	0.0051	13.64	728.	16500.
78 518	5448N	15827W	18507.0	33644.7	45581.6	98.	18.5	20160.	99.	0.0049	2.61	570.	21780.
79 726	5413N	16119W	18347.0	34130.4	46641.9	301.	16.5	19380.	96.	0.0050	5.45	13539.	18700.
79 9 6	5403N	16200W	18289.9	34246.0	46684.7	372.	15.5	21280.	100.	0.0047	2.26	26083.	36300.
78 822	5615N	16946W	18411.3	35105.1	49802.2	170.	17.5	20000.	90.	0.0045	2.12	978.	9240.
79 7 3	5304N	16655W	17652.3	34922.2	48294.2	301.	17.0	27000.	122.	0.0045	5.98	15283.	23320.
78 824	5609N	16829W	18496.1	34545.0	49384.7	164.	16.3	20000.	91.	0.0046	2.36	354.	1980.
79 727	5404N	16203W	18290.9	34252.5	46502.4	279.	16.0	21280.	94.	0.0044	4.29	7376.	17380.
77 930	5424N	15915W	18437.6	33823.8	45898.0	396.	15.0	18480.	81.	0.0044	2.59	6153.	12760.
78 8 4	5558N	16839W	18420.5	34585.3	49406.0	164.	18.0	20000.	83.	0.0041	2.02	495.	9460.
79 7 9	5617N	16937W	18443.9	35090.5	49770.7	109.	13.3	15640.	64.	0.0041	14.30	1497.	23540.
79 821	5401N	16240W	18253.0	34342.9	47118.1	306.	15.0	21280.	86.	0.0040	3.70	23216.	32340.
78 818	5507N	16739W	18216.2	34909.6	46528.7	159.	16.5	20000.	74.	0.0037	3.08	640.	9460.
79 815	5434N	15838W	18474.2	33713.5	45666.9	88.	11.0	17640.	67.	0.0038	1.98	1017.	20900.
78 714	5429N	15925W	18445.1	33830.4	45951.9	71.	15.4	23200.	84.	0.0036	2.77	990.	9240.
78 921	5458N	15833W	18525.2	33623.8	45603.7	88.	17.3	20160.	71.	0.0035	2.62	194.	22000.
78 8 5	5600N	16830W	18444.0	34961.3	49363.3	153.	16.2	20000.	70.	0.0035	2.03	287.	11440.
79 8 7	5418N	15952W	18406.7	33922.2	46122.7	383.	16.5	21280.	72.	0.0034	2.90	14409.	20460.
79 922	5403N	16205W	18286.3	34259.3	46914.0	427.	13.1	16800.	59.	0.0035	4.18	19529.	29700.
78 8 8	5617N	16941W	18437.3	35097.1	49788.9	153.	16.9	20000.	65.	0.0033	3.03	452.	7260.
79 831	5306N	16651W	17670.9	34915.1	48380.2	410.	14.4	21280.	69.	0.0032	2.14	17132.	27500.
78 913	5446N	15832W	18501.4	33662.0	45614.4	93.	20.9	20160.	61.	0.0030	2.64	501.	30140.
79 723	5428N	15901W	18452.4	33781.4	45810.6	301.	16.5	21280.	65.	0.0031	1.82	19201.	25520.
79 816	5422N	15923W	18429.5	33847.1	45947.4	328.	17.0	14400.	42.	0.0029	3.01	7257.	12760.
79 826	5456N	15820W	18524.9	33602.9	45527.8	98.	14.8	19950.	58.	0.0029	2.20	462.	18700.
79 7 6	5427N	15901W	18450.2	33764.5	45811.0	314.	17.4	27000.	68.	0.0025	1.69	9706.	12320.
79 912	5213N	17042W	16690.4	35130.7	49120.4	355.	21.1	19437.	49.	0.0025	12.76	16744.	22880.
79 824	5453N	15822W	18518.5	33617.4	45544.3	98.	15.9	19950.	50.	0.0025	3.15	481.	18040.
78 8 2	5554N	16850W	18379.5	35013.8	49450.3	120.	15.8	17500.	39.	0.0022	3.63	816.	9680.
77 920	5412N	16055W	18358.2	34078.9	46499.7	432.	12.0	14000.	31.	0.0022	1.32	8650.	16720.
78 916	5447N	15833W	18503.1	33660.8	45619.0	88.	20.6	20160.	43.	0.0022	2.58	342.	25300.
79 7 4	5415N	16019W	18385.8	33590.3	46284.6	355.	18.5	17480.	36.	0.0021	3.08	11965.	20240.
79 831	5440N	15803W	18498.4	33620.4	45451.8	383.	16.3	19950.	41.	0.0020	4.36	9271.	16500.
79 818	5404N	16217W	18280.7	34284.1	46984.5	328.	16.0	12600.	26.	0.0020	5.06	3039.	12980.
79 7 5	5404N	16230W	18270.9	34313.8	47060.7	410.	16.0	27000.	47.	0.0017	2.46	7737.	14960.
79 828	5319N	16603W	17828.9	34827.0	48176.6	383.	14.5	21280.	37.	0.0018	3.81	3023.	10340.
78 823	5408N	16124W	18329.3	34154.5	46672.5	345.	16.0	17220.	29.	0.0017	2.42	20674.	38940.
78 8 9	5618N	16940W	18446.6	35095.1	49788.7	142.	16.0	20000.	29.	0.0015	2.06	585.	8580.
78 724	5405N	16147W	18305.2	34213.9	46608.4	328.	17.1	23200.	30.	0.0013	5.72	2608.	5060.
78 715	5428N	15958W	18426.7	33906.2	46150.2	77.	16.1	23200.	21.	0.0009	1.10	1062.	18920.
79 7 2	5440N	15800W	18499.3	33614.1	45434.2	328.	16.5	18400.	16.	0.0008	1.39	17936.	24860.
79 829	5318N	16618W	17796.2	34853.8	48248.5	383.	14.5	21280.	15.	0.0007	1.65	4426.	9240.
79 7 5	5415N	16042W	18373.6	34041.6	46421.3	355.	17.4	18400.	12.	0.0007	1.54	14944.	20460.
79 8 5	5428N	15902W	18452.0	33783.6	45816.5	410.	16.5	21280.	9.	0.0004	1.76	23354.	32340.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE B-18. FLOUNDERS, OCTOBER-DECEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES ZX	ZY	ZZ	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
791114	5320N	16901W	17406.8	35073.6	48972.7	383.	19.0	20000.	33328.	1.6664	10.14	1559.	38060.
791118	5319N	16903W	17397.0	35075.5	48977.4	399.	18.0	20000.	30045.	1.5022	11.27	714.	32560.
791117	5319N	16902W	17400.1	35074.6	48973.6	410.	17.5	17000.	16927.	0.9957	12.65	270.	18700.
791116	5313N	16904W	17360.4	35076.8	48983.4	394.	11.0	11000.	9457.	0.8598	9.50	145.	10780.
791113	5434N	16552W	18195.3	34717.7	48263.5	279.	8.0	8000.	2904.	0.3630	12.84	203.	5500.
791C 7	5431N	15901W	18459.2	33772.2	45807.0	104.	18.0	15200.	2696.	0.1774	3.12	235.	18920.
781015	5443N	15803W	18504.4	33610.6	45446.9	82.	7.0	9600.	1209.	0.1259	3.76	1279.	15620.
781027	5417N	16028W	18396.4	34004.8	46337.0	88.	17.0	14000.	1301.	0.0929	2.10	2712.	34540.
7911 4	5600N	16827W	18447.7	34957.9	49346.6	120.	14.0	18900.	1720.	0.0915	6.47	1546.	17160.
781014	5424N	15948W	18423.4	33995.9	46093.6	98.	14.0	19200.	1669.	0.0869	3.19	258.	22000.
7812 1	5447N	16741W	18102.1	34532.7	48881.9	355.	16.0	12600.	1000.	0.0794	12.27	4350.	7260.
781025	5434N	15847W	18471.0	33732.7	45720.2	104.	9.5	9000.	660.	0.0733	2.53	1444.	11000.
791110	5629N	17130W	18076.7	35075.6	50122.6	145.	13.6	18600.	1318.	0.0701	10.18	2501.	19140.
781031	5455N	15826W	18521.3	33619.1	45565.5	98.	17.0	14000.	876.	0.0626	3.06	932.	37180.
781013	5423N	15947W	18421.4	33896.6	46088.7	107.	15.0	20160.	1107.	0.0549	4.25	776.	29040.
7911 7	5603N	16824W	18466.1	34941.8	49338.8	139.	9.5	11750.	618.	0.0526	4.03	2378.	19140.
7812 4	5609N	16941W	18380.2	35099.2	49754.3	115.	13.0	7600.	347.	0.0456	9.95	982.	16720.
7912 6	5440N	15823W	18491.9	33662.4	45569.6	120.	12.0	15200.	665.	0.0437	2.94	995.	41800.
791111	5454N	15827W	18519.0	33624.6	45573.0	99.	15.0	20000.	829.	0.0414	2.48	2036.	22880.
781123	5406N	16155W	18302.8	34229.6	46855.5	342.	17.0	15200.	622.	0.0409	4.62	6076.	22220.
783019	5410N	16215W	18301.4	34265.4	46574.6	98.	14.0	19200.	773.	0.0403	3.63	1713.	21340.
781025	5406N	16143W	18311.0	34202.4	46784.8	112.	12.0	14400.	566.	0.0393	3.64	600.	17600.
7812 9	5604N	16939W	18349.4	35097.4	49724.1	115.	17.3	15200.	582.	0.0383	3.36	887.	21120.
7811 1	5502N	15836W	18532.3	33618.5	45616.5	98.	16.0	14000.	520.	0.0372	2.52	516.	37400.
7911 5	5450N	15812W	18515.5	33606.3	45489.0	93.	18.0	19600.	679.	0.0346	2.27	635.	23760.
7911 3	5604N	16816W	18479.9	34924.8	49307.4	112.	13.8	18800.	649.	0.0343	4.31	1871.	18920.
7911 5	5555N	16844W	18395.1	34999.9	49422.6	123.	15.0	18800.	631.	0.0336	4.02	2679.	18480.
791029	5444N	15800W	18507.3	33601.0	45427.6	93.	13.8	18800.	598.	0.0318	2.82	1380.	40700.
781025	5417N	16044W	18378.0	34040.6	46432.2	93.	18.0	14000.	437.	0.0312	2.42	624.	22440.
791112	5622N	17122W	18079.1	35097.7	50091.5	126.	14.0	17390.	527.	0.0303	10.08	1447.	13420.
781115	5438N	15828W	18486.1	33679.5	45602.1	109.	15.0	15120.	451.	0.0298	2.95	1049.	27500.
7812 7	5603N	16937W	18347.1	35094.7	49711.1	118.	17.3	15200.	426.	0.0280	7.11	1518.	23540.
7911 6	5555N	16851W	18384.1	35015.0	49459.0	131.	15.1	18800.	517.	0.0275	4.16	1870.	21340.
7912 5	5430N	15903W	18456.1	33779.6	45620.0	120.	12.0	15200.	417.	0.0274	2.79	407.	27500.
781012	5435N	15841W	18475.3	33716.7	45683.3	109.	16.5	14400.	394.	0.0273	2.77	264.	25960.
7911 8	5555N	16852W	18382.5	35017.2	49464.2	120.	15.6	18800.	502.	0.0267	5.69	630.	12540.
7911 5	5608N	16826W	18493.6	34938.8	49364.7	112.	7.6	9400.	249.	0.0265	3.37	801.	9240.
791111	5626N	17124W	18093.9	35089.8	50107.3	156.	14.1	18800.	479.	0.0255	5.35	1259.	16060.
7912 3	5436N	15840W	18477.8	33711.4	45676.0	126.	12.0	13300.	337.	0.0253	2.81	231.	20460.
781018	5435N	15840W	18475.6	33714.6	45677.4	104.	16.5	14400.	356.	0.0247	4.81	632.	29700.
7911 2	5616N	16929W	18455.0	35076.6	49728.9	109.	13.6	18800.	461.	0.0245	3.91	1882.	16280.
781122	5415N	16102W	18362.6	34066.6	46540.2	342.	18.0	15200.	352.	0.0231	7.33	10142.	28600.
781021	5449N	15827W	18509.0	33641.4	45580.2	104.	16.5	14400.	324.	0.0225	4.36	851.	29040.
7811 4	5450N	15823W	18512.2	33629.6	45554.8	98.	19.0	14000.	314.	0.0224	3.30	282.	40520.
781130	5448N	16601W	18248.6	34715.5	48341.0	101.	17.0	12600.	276.	0.0219	2.26	2046.	12320.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE B-18 (continued). FLOUNDERS, OCTOBER-DECEMBER

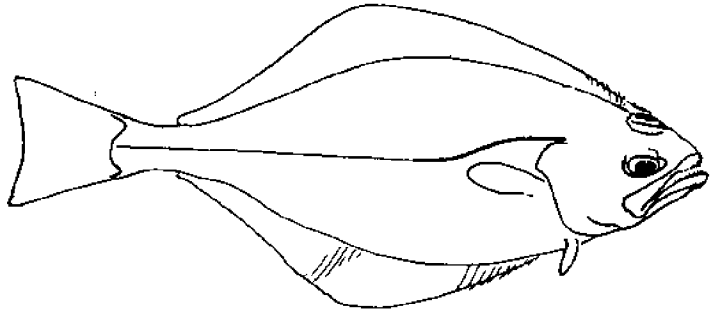
DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
791230	5440N	15817W	18493.9	33649.8	45534.2	137.	12.0	16000.	332.	0.0208	2.38	754.	54560.
791231	5442N	15810W	18500.2	33628.5	45489.7	148.	12.5	16000.	325.	0.0203	2.93	1071.	57200.
781021	5416N	16124W	18352.7	34133.8	46671.1	104.	16.0	19200.	379.	0.0197	3.33	1305.	29700.
7911 7	5447N	15818W	18507.7	33629.0	45529.4	104.	14.0	17500.	328.	0.0187	3.16	584.	24860.
781123	5435N	15831W	18478.8	33695.4	45624.2	301.	19.0	15120.	282.	0.0187	3.74	12611.	21120.
781121	5416N	16038W	18378.5	34029.9	46397.0	342.	18.0	15200.	264.	0.0174	5.13	12448.	28600.
781127	5422N	15810W	18456.9	33691.7	45521.7	96.	14.0	12600.	214.	0.0170	2.20	1583.	11660.
7811 7	5450N	15828W	18510.7	33640.2	45584.8	98.	18.0	14000.	235.	0.0168	1.76	547.	44000.
781026	5450N	15831W	18509.8	33646.6	45602.8	93.	16.0	14400.	225.	0.0156	3.58	717.	22880.
781022	5400N	16123W	18306.3	34172.3	46668.0	109.	15.0	19200.	298.	0.0155	3.03	401.	29920.
7812 8	5604N	16937W	18354.2	35094.5	49715.3	118.	17.0	15200.	220.	0.0145	3.82	915.	20680.
781019	5453N	15931W	18515.9	33636.5	45598.5	93.	16.5	14400.	196.	0.0136	4.43	375.	34100.
791117	5417N	16120W	18357.9	34122.1	46647.0	88.	15.0	19600.	263.	0.0134	2.72	4633.	21340.
781020	5449N	15826W	18509.3	33639.3	45574.2	109.	15.0	14400.	193.	0.0134	3.26	639.	27500.
791111	5448N	15821W	18508.8	33632.0	45545.8	104.	14.5	19600.	260.	0.0132	2.37	682.	23320.
791110	5447N	15822W	18506.5	33637.4	45553.2	104.	15.0	19600.	257.	0.0131	3.05	581.	31900.
791C 6	5422N	15932W	18425.6	33866.7	46000.6	328.	17.0	15200.	194.	0.0128	2.42	31917.	45320.
7812 2	5601N	16939W	18328.1	35098.0	49711.2	109.	17.5	15200.	190.	0.0125	3.99	2862.	21120.
781128	5605N	16928W	18381.3	35079.9	49679.0	104.	14.0	15200.	185.	0.0122	7.48	1685.	19360.
781112	5444N	15827W	18498.9	33657.9	45587.5	104.	18.0	15120.	178.	0.0118	5.12	480.	21780.
7812 5	5615N	16944W	18416.1	35102.2	49793.5	118.	17.0	15200.	175.	0.0115	7.19	1736.	20680.
781116	5439N	15827W	18488.6	33674.1	45594.8	123.	16.0	15120.	171.	0.0113	2.11	365.	24200.
791225	5439N	15818W	18491.5	33655.1	45541.6	115.	13.0	16000.	179.	0.0112	2.27	581.	38060.
791113	5628N	17126W	18095.3	35083.8	50115.7	131.	14.5	18800.	207.	0.0110	6.43	520.	11880.
781017	5445N	15824W	18501.8	33646.3	45568.1	104.	17.0	14400.	156.	0.0109	3.70	600.	31680.
781115	5444N	15809W	18504.5	33619.9	45480.6	104.	16.0	15200.	165.	0.0109	2.37	769.	23320.
781014	5444N	15824W	18495.8	33651.5	45569.6	115.	17.0	14400.	154.	0.0107	2.17	2404.	29480.
781026	5406N	16149W	18306.9	34216.0	46820.2	98.	15.0	19200.	202.	0.0105	3.11	1609.	20460.
7913 4	5501N	15814W	18536.2	33573.0	45484.1	88.	14.0	19600.	191.	0.0097	2.34	761.	22880.
781124	5440N	15802W	18498.7	33616.3	45445.9	328.	17.0	15120.	143.	0.0095	3.05	15883.	22880.
791110	5454N	15826W	18519.3	33622.5	45567.0	98.	15.5	20000.	189.	0.0094	1.54	841.	27720.
781030	5435N	15834W	18477.8	33701.8	45641.9	98.	17.0	14000.	131.	0.0094	3.52	57.	22000.
781126	5416N	16013W	18391.4	33974.2	46248.6	342.	18.0	15200.	142.	0.0094	7.70	17578.	32560.
7811 5	5449N	15817W	18512.0	33620.2	45520.4	93.	15.0	19200.	164.	0.0085	3.08	775.	23540.
7911 9	5458N	15827W	18526.9	33611.0	45567.2	104.	15.0	20000.	169.	0.0084	1.42	477.	23540.
781120	5442N	15821W	18496.7	33651.7	45554.8	96.	16.0	15120.	128.	0.0084	2.42	975.	16500.
781114	5442N	15807W	18501.1	33622.2	45472.1	101.	16.0	15200.	127.	0.0084	3.47	669.	25300.
7912 4	5423N	15944W	18422.7	33890.0	46070.8	109.	12.0	15200.	126.	0.0083	2.78	321.	21780.
7911 9	5446N	15823W	18504.2	33642.9	45560.7	104.	14.0	19600.	155.	0.0079	2.77	477.	24420.
781020	5406N	16151W	18305.6	34220.5	46831.9	98.	16.0	18240.	138.	0.0076	3.21	527.	33660.
791114	5615N	17111W	18089.4	35117.2	50050.0	178.	15.1	18800.	127.	0.0068	5.49	541.	14520.
781119	5446N	15819W	18505.4	33634.4	45536.9	90.	17.0	15120.	96.	0.0063	3.59	375.	30140.
7812 6	5615N	16945W	18413.7	35103.7	49797.8	118.	17.0	15200.	94.	0.0062	3.25	2158.	23100.
7911 8	5453N	15806W	18523.0	33583.5	45448.4	66.	7.0	9000.	48.	0.0060	2.33	504.	4620.
781013	5443N	15822W	18498.4	33650.6	45559.2	109.	17.0	14400.	77.	0.0054	1.81	824.	25960.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE B-18 (continued). FLOUNDERS, OCTOBER-DECEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
781112	5455N	15823W	18522.1	33612.7	45547.4	104.	16.1	15200.	81.	0.0053	1.67	338.	21340.
781118	5443N	15821W	18498.7	33648.5	45553.3	123.	15.0	15120.	78.	0.0051	2.35	269.	18260.
781027	5412N	16130W	18337.3	34157.9	46707.4	82.	11.0	14400.	72.	0.0050	2.31	1673.	16060.
781128	5416N	16130W	18349.1	34147.5	46706.9	96.	14.0	12600.	64.	0.0051	2.33	1702.	11220.
781027	5413N	16129W	18340.9	34153.0	46701.3	104.	15.0	19200.	87.	0.0045	2.42	2382.	23980.
791108	5502N	15828W	18534.4	33599.3	45567.6	109.	18.0	15200.	56.	0.0037	2.14	303.	25520.
781116	5456N	15821W	18524.7	33605.0	45533.9	90.	15.0	19200.	67.	0.0035	2.38	140.	14740.
781031	5406N	16149W	18306.9	34216.0	46820.2	88.	14.0	18240.	65.	0.0035	1.98	438.	14300.
781030	5406N	16150W	18306.2	34218.2	46826.0	79.	14.0	19200.	68.	0.0036	2.75	535.	18480.
791226	5450N	15814W	18514.9	33610.5	45500.9	120.	11.0	16000.	50.	0.0031	1.47	762.	31900.
781111	5452N	15820W	18517.1	33616.5	45533.8	104.	16.0	15200.	48.	0.0032	1.61	444.	31680.
791118	5452N	15823W	18516.2	33622.9	45551.8	98.	7.0	8000.	24.	0.0030	2.20	66.	10120.
781116	5447N	15809W	18510.5	33610.0	45475.9	104.	17.0	15200.	46.	0.0030	1.83	102.	21120.
781110	5457N	15819W	18527.2	33597.4	45520.3	90.	17.0	15120.	46.	0.0031	2.75	520.	24420.
791227	5450N	15818W	18513.7	33619.0	45524.8	109.	13.0	16000.	47.	0.0029	2.31	620.	24200.
781027	5452N	15834W	18513.0	33646.3	45618.0	82.	16.5	14400.	41.	0.0028	1.63	205.	22880.
781119	5423N	15928W	18429.8	33855.0	45975.9	342.	18.0	15200.	43.	0.0028	1.54	8912.	25740.
781111	5447N	15823W	18506.2	33639.5	45559.2	101.	16.0	15120.	44.	0.0029	1.54	881.	39160.
781016	5509N	15856W	18540.8	33635.3	45730.7	98.	5.5	4680.	13.	0.0028	0.56	39.	2640.
781112	5501N	15812W	18536.7	33568.7	45472.0	88.	14.0	19200.	49.	0.0025	3.08	418.	29480.
791119	5406N	16214W	18289.3	34272.7	46967.3	82.	12.0	15200.	37.	0.0025	1.84	816.	6820.
781201	5601N	16936W	18335.4	35093.7	49698.2	107.	17.5	15200.	26.	0.0017	5.28	1628.	17600.
781111	5509N	15823W	18549.0	33564.0	45527.1	93.	14.0	19200.	22.	0.0012	1.69	471.	14520.
781108	5456N	15833W	18521.3	33630.7	45606.4	96.	15.0	19200.	16.	0.0008	2.42	481.	20460.
781022	5452N	15831W	18513.9	33639.9	45599.9	88.	16.0	14400.	12.	0.0008	1.17	830.	34100.
781104	5451N	15809W	18518.3	33596.6	45469.5	82.	13.0	19200.	13.	0.0007	2.20	305.	23100.
791106	5442N	15828W	18494.4	33666.6	45596.3	98.	15.0	19600.	9.	0.0005	2.20	334.	19140.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***



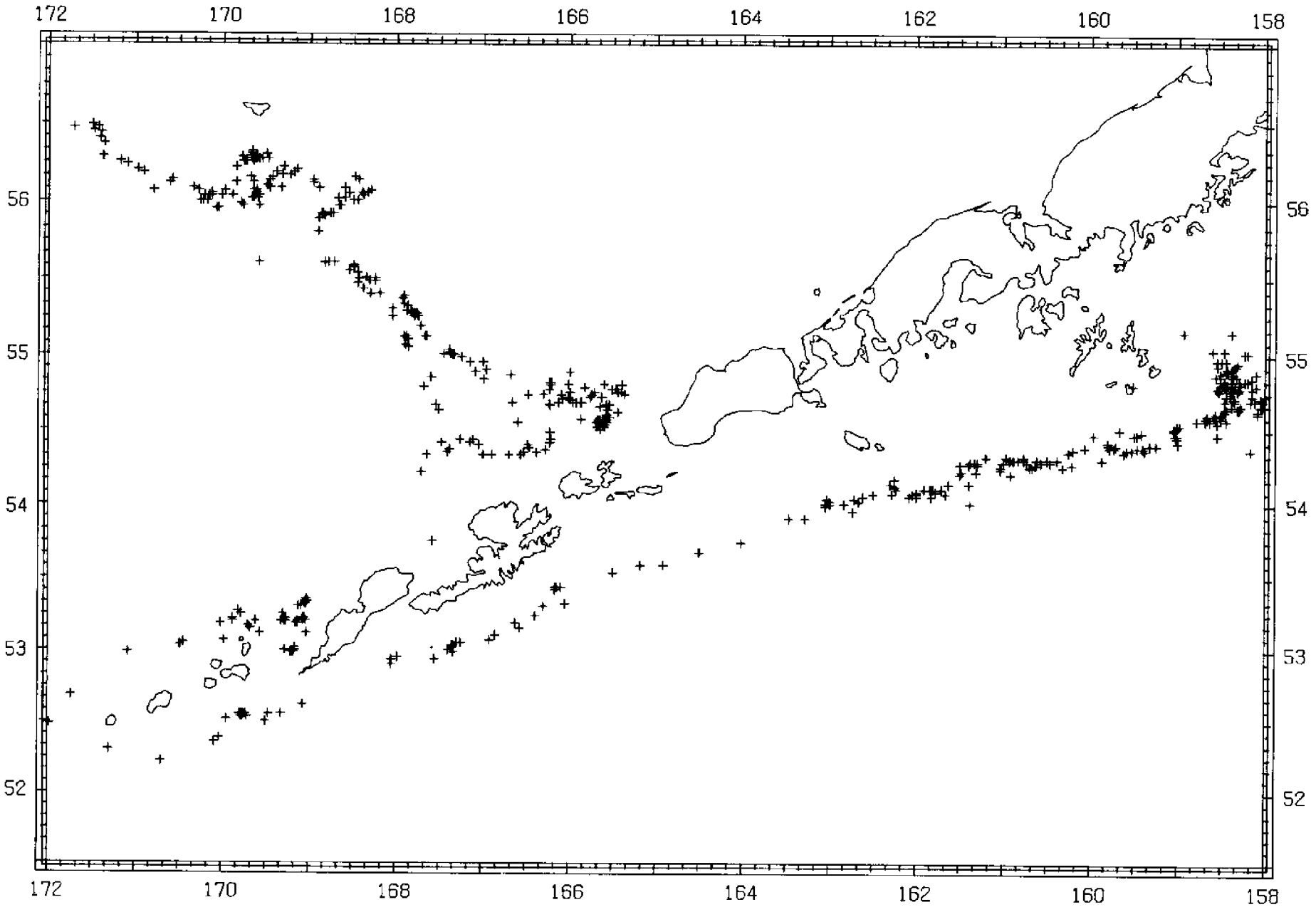


FIGURE B-4. FLOUNDERS, ALL MONTHS, 1977-1979

TABLE B-19. ROCKFISH, JANUARY-MARCH

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES ZX	ZY	ZZ	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
79 312	5254N	16803W	17434.9	35016.7	48667.9	126.	18.0	17100.	1809.	0.1058	2.02	716.	21120.
79 223	5300N	16724W	17565.4	34965.7	48515.6	109.	18.0	14400.	1341.	0.0932	2.36	2894.	19360.
79 1 7	5301N	16726W	17565.6	34968.0	43527.1	102.	14.0	20000.	1759.	0.0879	3.51	783.	10120.
79 3 8	5503N	16752W	18172.8	34940.3	48985.1	437.	21.2	18900.	1329.	0.0703	3.65	15588.	20020.
79 1 6	5404N	16203W	18290.9	34252.5	46502.4	98.	15.0	20000.	1348.	0.0674	3.28	1258.	13860.
79 318	5301N	16721W	17577.6	34961.1	48504.9	109.	20.0	20520.	1315.	0.0641	2.98	893.	32560.
79 318	5259N	16720W	17569.9	34960.6	48495.7	492.	22.7	18900.	1066.	0.0564	2.62	20000.	29260.
79 315	5301N	16721W	17577.6	34961.1	48504.9	98.	19.0	17064.	947.	0.0555	3.07	448.	27940.
79 314	5302N	16721W	17582.7	34960.7	48507.3	98.	17.8	20520.	1121.	0.0546	2.57	916.	27060.
79 323	5612N	17059W	18126.6	35128.9	50015.9	383.	20.0	17920.	850.	0.0475	3.61	11611.	15620.
79 3 6	5301N	16909W	17278.5	35081.7	48547.1	126.	4.0	7000.	330.	0.0472	1.86	314.	14520.
79 219	5607N	17037W	18186.0	35138.2	49942.6	320.	16.8	15200.	700.	0.0461	3.24	11353.	20460.
79 311	5235N	16930W	17069.5	35097.8	48548.9	109.	18.5	17100.	776.	0.0454	2.28	510.	22000.
79 226	5438N	16731W	18070.3	34921.2	48805.6	355.	17.2	15200.	663.	0.0436	4.31	54131.	63140.
78 3 1	5415N	16023W	18383.7	33999.2	46308.5	355.	18.0	13200.	561.	0.0425	1.20	12717.	16500.
79 2 1	5600N	17014W	18219.0	35132.2	49841.2	355.	18.0	15200.	640.	0.0421	4.31	41619.	52800.
79 1 6	5438N	15801W	18495.0	33622.7	45443.4	355.	20.7	13860.	562.	0.0406	0.99	18800.	26180.
79 318	5221N	17005W	16872.4	35117.2	49027.7	410.	17.5	15580.	554.	0.0356	2.09	7668.	12100.
79 315	5256N	16803W	17445.3	35016.3	48673.1	109.	19.0	17100.	579.	0.0339	2.55	444.	30800.
79 2 6	5600N	17011W	18229.0	35130.4	49831.0	328.	16.0	15200.	489.	0.0322	3.92	11065.	25960.
79 3 8	5257N	16759W	17461.2	35011.3	48659.0	101.	18.0	15960.	504.	0.0316	2.95	837.	29480.
79 317	5223N	17002W	16893.8	35115.9	49023.5	383.	16.0	17100.	508.	0.0297	3.16	6174.	9900.
79 2 8	5609N	16926W	18413.0	35074.7	49686.0	227.	17.5	15200.	438.	0.0288	7.19	4367.	20460.
79 325	5259N	16913W	17254.7	35085.0	48956.1	137.	11.0	15680.	441.	0.0281	2.78	2429.	20240.
79 226	5313N	16953W	17198.3	35112.6	49140.0	427.	16.7	18900.	451.	0.0239	4.43	2620.	12980.
79 3 1	5345N	16735W	17774.3	34962.0	48679.6	437.	15.5	11970.	284.	0.0237	2.94	5465.	10120.
79 320	5307N	16902W	17335.4	35075.4	48938.2	137.	11.0	15680.	367.	0.0234	3.94	618.	19360.
79 3 7	5304N	16959W	17126.2	35115.6	49132.7	273.	15.0	11988.	265.	0.0221	5.21	7270.	16280.
79 3 9	5256N	16803W	17445.3	35016.3	48673.1	98.	18.5	17100.	360.	0.0210	2.47	829.	20680.
79 3 5	5312N	16916W	17317.0	35086.9	49005.4	410.	14.0	17000.	358.	0.0211	4.29	414.	14520.
79 322	5557N	17005W	18226.3	35126.1	49796.3	383.	15.0	16960.	352.	0.0208	3.13	5231.	13860.
79 225	5524N	16812W	18260.3	34961.6	49153.2	383.	17.5	15960.	321.	0.0201	3.86	6882.	15620.
79 3 3	5311N	17001W	17158.5	35116.9	49160.8	383.	18.0	11970.	242.	0.0202	3.19	3909.	7700.
79 326	5300N	16917W	17247.3	35088.1	48973.7	410.	19.0	16960.	327.	0.0193	3.38	1537.	8800.
79 310	5254N	16803W	17434.9	35016.7	48667.9	98.	18.0	17100.	308.	0.0180	3.31	1135.	20240.
79 323	5607N	16858W	18448.2	35018.9	49537.9	355.	15.3	21840.	386.	0.0177	5.76	10735.	12100.
79 310	5311N	16908W	17336.8	35080.3	48972.6	437.	24.7	18900.	287.	0.0152	5.23	1028.	9460.
79 3 2	5312N	16919W	17307.3	35089.3	49016.5	383.	16.8	18900.	255.	0.0135	4.53	775.	16280.
79 3 6	5316N	16949W	17229.3	35110.3	49135.6	437.	24.5	15120.	203.	0.0134	2.94	2952.	20240.
79 3 4	5312N	16919W	17307.3	35089.3	49016.5	437.	20.4	18900.	231.	0.0122	5.12	1006.	19360.
79 216	5526N	16823W	18253.7	34982.3	49216.3	383.	16.0	15200.	175.	0.0115	3.26	2679.	16500.
79 110	5611N	17055W	18137.9	35131.8	50003.5	113.	6.0	10000.	107.	0.0107	3.78	1407.	6600.
79 3 7	5530N	16826W	18272.5	34985.0	49244.9	383.	16.0	20000.	211.	0.0105	4.78	4039.	20460.
79 217	5600N	17016W	18212.2	35133.2	49847.9	328.	17.0	15200.	160.	0.0106	3.23	10166.	22000.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE B-19 (continued). ROCKFISH, JANUARY-MARCH

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
79 226	5422N	16617W	18106.3	34769.1	48377.5	410.	17.5	15960.	158.	0.0099	2.53	5625.	12760.
79 3 5	5231N	16957W	16953.8	35113.6	49029.5	115.	9.0	7980.	79.	0.0098	1.26	281.	8140.
79 3 1	5300N	16910W	17269.6	35082.5	48947.9	219.	27.9	19980.	186.	0.0093	4.25	445.	7040.
79 227	5524N	16818W	18250.3	34973.9	49184.2	355.	17.5	15200.	136.	0.0089	3.26	3126.	16280.
79 2 9	5606N	16930W	18384.0	35082.9	49692.3	131.	15.5	15200.	131.	0.0086	3.93	4680.	22660.
79 310	5301N	16910W	17275.3	35082.5	48950.8	137.	5.3	8100.	69.	0.0086	3.74	204.	7920.
79 327	5300N	16910W	17269.8	35082.5	48947.9	109.	12.0	14752.	110.	0.0074	2.09	629.	22000.
79 225	5312N	16917W	17313.8	35087.8	49009.1	383.	18.7	19980.	149.	0.0075	5.75	555.	18700.
79 3 3	5312N	16953W	17192.6	35112.5	49136.9	383.	20.8	18900.	137.	0.0073	3.57	3229.	19140.
79 225	5504N	16754W	18175.1	34943.4	48998.4	355.	17.5	15200.	72.	0.0047	3.23	12993.	33880.
79 2 7	5559N	16948W	18290.6	35109.7	49740.1	301.	22.0	15200.	71.	0.0046	2.86	16019.	27060.
79 3 2	5420N	16654W	18036.9	34966.3	48568.8	410.	16.0	15960.	67.	0.0042	3.52	9180.	15620.
79 224	5610N	16914W	18441.9	35050.9	49631.3	355.	16.5	15200.	63.	0.0041	4.07	3083.	11220.
79 226	5233N	16930W	17058.9	35097.8	48943.4	115.	17.0	7560.	28.	0.0037	2.86	909.	20240.
79 228	5421N	16632W	18079.2	34821.4	48455.7	150.	8.8	7600.	24.	0.0032	3.30	1913.	4400.
78 217	5429N	16614W	18143.9	34773.6	48375.8	290.	20.0	18480.	40.	0.0022	3.08	393.	9460.
79 114	5232N	16946W	16998.3	35107.7	48995.5	98.	7.0	11000.	23.	0.0021	1.31	199.	15840.
79 123	5233N	16946W	17003.5	35107.7	48998.3	89.	7.0	11000.	21.	0.0020	3.02	434.	19580.
79 227	5233N	16928W	17065.7	35096.5	48936.4	126.	8.1	7560.	14.	0.0018	1.93	500.	12980.
79 1 5	5424N	15943W	18425.6	33884.9	46064.0	98.	16.3	13860.	24.	0.0017	1.83	170.	10560.
79 2 2	5602N	17008W	18253.6	35128.5	49829.5	79.	17.0	15200.	25.	0.0016	3.30	2310.	17600.
79 114	5238N	16955W	16998.2	35112.8	49042.7	126.	6.5	10000.	15.	0.0015	1.32	388.	5720.
79 1 2	5432N	15901W	18461.4	33769.1	45805.8	120.	17.5	13860.	22.	0.0016	1.45	18.	10560.
79 118	5233N	16947W	17000.0	35108.3	49001.7	104.	7.1	11000.	16.	0.0015	3.30	200.	15180.
79 117	5232N	16947W	16994.7	35108.2	48998.9	98.	7.0	11000.	16.	0.0015	3.30	406.	11440.
79 2 5	5602N	17013W	18237.2	35131.7	49846.9	78.	13.0	13680.	15.	0.0011	4.18	2045.	11000.
79 215	5433N	16535W	18210.6	34680.8	48165.5	175.	17.1	15120.	16.	0.0010	4.07	780.	19580.
79 313	5231N	16945W	16996.5	35107.1	48989.4	109.	16.0	17100.	15.	0.0009	1.19	1876.	28600.
79 126	5232N	16945W	17001.8	35107.1	48992.2	88.	7.0	11000.	9.	0.0008	1.32	248.	27500.
78 226	5425N	16614W	18124.9	34779.0	48367.5	328.	19.0	18480.	12.	0.0007	0.66	653.	7040.
79 214	5433N	16540W	18204.9	34692.2	48193.9	202.	17.2	15120.	11.	0.0007	2.64	892.	20900.
79 118	5233N	16948W	16996.5	35108.8	49005.1	93.	7.0	10000.	5.	0.0005	3.30	250.	10120.
79 119	5500N	16721W	18205.4	34879.0	48813.4	153.	16.7	13860.	4.	0.0003	2.20	1783.	17820.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE B-20. ROCKFISH, APRIL-JUNE

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 6 1	5258N	16911W	17255.7	35083.4	48945.8	126.	11.0	12000.	1477.	0.1230	1.95	1987.	18920.
79 6 5	5307N	16934W	17229.8	35100.5	49055.6	273.	16.0	14400.	1397.	0.0970	3.26	3846.	11660.
78 6 4	5333N	16530W	17948.8	34752.4	48034.1	361.	20.0	19200.	1393.	0.0726	1.19	86639.	100100.
79 611	5421N	15937W	18421.0	33880.6	46031.2	328.	17.0	19200.	1216.	0.0634	1.37	23206.	26180.
79 610	5404N	16144W	18304.2	34209.6	46790.8	328.	16.0	19200.	1109.	0.0578	0.96	11681.	16940.
78 6 3	5335N	16511W	17986.2	34712.8	47937.6	345.	16.0	19200.	1008.	0.0525	1.85	3252.	17820.
78 6 2	5354N	16328W	18185.9	34464.9	47391.1	98.	18.5	19200.	952.	0.0496	1.17	3751.	17380.
78 417	5335N	16455W	18009.0	34680.8	47852.3	317.	16.5	22260.	1005.	0.0452	1.46	6101.	11000.
78 419	5332N	16530W	17944.3	34753.5	48032.4	306.	16.4	22260.	983.	0.0442	1.46	7369.	14960.
78 415	5344N	16401W	18113.5	34554.8	47568.3	317.	16.9	22260.	953.	0.0428	2.38	4772.	14520.
79 410	5315N	16947W	17230.6	35109.0	49125.6	328.	14.0	14134.	585.	0.0414	2.54	2746.	14740.
78 416	5354N	16317W	18196.4	34440.5	47328.1	328.	17.5	22260.	878.	0.0394	1.73	6492.	15400.
78 6 6	5340N	16430W	18062.9	34622.5	47723.8	339.	13.5	19200.	710.	0.0370	1.96	5819.	11220.
78 530	5414N	16109W	18355.7	34105.1	46582.2	328.	15.0	20160.	725.	0.0359	1.37	17605.	21780.
79 529	5518N	16803W	18240.1	34948.7	49087.6	419.	16.0	19200.	670.	0.0349	5.28	630.	9460.
79 525	5221N	17005W	16872.4	35117.2	49027.7	314.	18.5	20720.	559.	0.0270	2.05	7009.	22000.
78 531	5404N	16140W	18306.9	34200.6	46767.2	355.	18.0	19200.	507.	0.0264	1.18	11117.	20020.
79 5 5	5617N	17123W	18040.8	35101.8	50075.4	328.	17.4	23520.	580.	0.0247	2.85	5736.	16280.
79 6 2	5515N	16803W	18222.9	34951.5	49078.4	342.	17.0	20720.	482.	0.0233	3.40	1554.	10780.
79 411	5420N	16634W	18071.2	34826.6	48464.0	427.	14.0	20475.	436.	0.0213	2.46	85147.	92840.
79 6 6	5259N	16912W	17257.9	35084.2	48952.4	334.	17.0	19200.	392.	0.0204	2.98	735.	7260.
78 611	5312N	16937W	17247.8	35102.5	49081.4	328.	16.0	15540.	307.	0.0198	3.79	1523.	7920.
79 6 7	5310N	16942W	17219.5	35105.8	49092.6	246.	16.0	16800.	299.	0.0178	2.77	3232.	10780.
78 414	5340N	16430W	18062.9	34622.5	47723.8	328.	17.5	22260.	389.	0.0175	1.21	7566.	11660.
79 530	5605N	16854W	18441.7	35012.0	49509.8	328.	14.0	16800.	284.	0.0169	5.06	2797.	10780.
79 528	5628N	17143W	17997.3	35054.5	50130.5	355.	16.0	16800.	272.	0.0162	9.75	905.	25520.
79 4 6	5313N	16916W	17322.6	35086.9	49008.4	372.	13.5	18130.	282.	0.0156	5.22	1028.	10780.
79 411	5451N	16736W	18133.0	34919.4	48867.7	465.	12.0	16200.	228.	0.0140	2.34	4985.	11000.
79 527	5420N	16642W	18058.6	34842.6	48506.2	399.	16.0	19200.	263.	0.0137	3.38	1414.	16500.
79 615	5223N	17003W	16890.1	35116.4	49026.7	342.	22.1	19795.	240.	0.0121	2.46	11098.	13420.
79 523	5602N	17001W	18275.3	35123.0	49804.1	355.	13.0	16800.	190.	0.0113	4.29	3702.	21120.
79 5 4	5604N	17048W	18118.0	35136.3	49957.5	437.	18.3	23520.	257.	0.0109	3.05	8462.	12760.
79 610	5605N	16836W	18465.6	34969.1	49412.1	364.	20.0	19018.	195.	0.0102	6.33	441.	16060.
79 525	5259N	16911W	17261.1	35083.4	48948.7	328.	16.0	19200.	195.	0.0102	2.08	1101.	12320.
78 6 5	5314N	16623W	17767.5	34865.2	48264.6	355.	17.0	19200.	184.	0.0096	0.88	5473.	9900.
79 524	5233N	16919W	17095.9	35090.2	48904.6	342.	16.6	20720.	175.	0.0084	1.71	15235.	21560.
79 6 9	5603N	16833W	18457.7	34964.5	49389.2	355.	20.3	20720.	170.	0.0082	4.54	1888.	17600.
79 612	5601N	16841W	18435.7	34986.4	49426.7	342.	18.2	20720.	169.	0.0081	5.32	697.	24420.
78 613	5259N	17105W	16843.7	35137.0	49320.9	355.	21.0	16650.	129.	0.0078	4.40	2760.	7040.
79 6 3	5528N	16827W	18258.7	34988.6	49243.3	342.	20.2	20720.	144.	0.0070	3.65	272.	11880.
79 528	5217N	17034W	16742.2	35128.4	49107.4	328.	20.2	20720.	139.	0.0067	1.90	5075.	7260.
79 630	5241N	17144W	16578.9	35138.0	49372.2	410.	19.0	27000.	159.	0.0059	3.88	12184.	18920.
79 530	5321N	16902W	17411.4	35074.4	48979.6	454.	17.0	19200.	112.	0.0059	6.33	373.	16060.
79 412	5515N	16745W	18251.2	34913.6	48983.5	260.	15.5	18500.	96.	0.0052	3.89	4799.	13860.
79 524	5309N	16941W	17217.3	35105.2	49086.3	410.	16.0	19200.	99.	0.0051	2.35	3547.	5280.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE B-20 (continued). ROCKFISH, APRIL-JUNE

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	*******	*******	*******	*****	*****	********	********	**********	********	********	********
79 527	5229N	17159W	18448.9	35137.0	49375.6	301.	8.2	7770.	37.	0.0048	4.25	2998.	5280.
79 620	5312N	16919W	17307.3	35089.3	49016.5	355.	13.5	16800.	79.	0.0047	3.85	964.	16060.
79 6 6	5506N	16752W	18189.8	34937.5	48594.1	328.	16.4	20720.	96.	0.0046	2.02	5078.	16060.
79 531	5627N	17129W	18072.1	35080.5	50115.6	328.	13.5	16800.	71.	0.0042	4.84	490.	23100.
79 616	5424N	16703W	18044.4	34879.9	48625.2	301.	10.0	10360.	43.	0.0041	2.82	872.	2200.
79 614	5320N	16902W	17405.7	35074.5	48976.6	383.	18.5	20720.	70.	0.0034	3.96	1824.	17600.
79 612	5437N	15830W	18483.4	33686.9	45615.4	98.	14.0	19200.	61.	0.0032	2.14	1766.	15180.
79 6 8	5608N	16858W	18454.4	35017.9	49541.4	342.	18.3	20720.	63.	0.0030	6.60	7811.	16720.
79 6 8	5533N	16833W	18278.6	34996.6	49290.6	372.	16.0	19200.	54.	0.0028	1.82	255.	18040.
79 526	5420N	16739W	17956.2	34948.9	48794.8	437.	16.0	19200.	53.	0.0027	3.41	6406.	22220.
79 523	5312N	16917W	17313.8	35087.8	49009.1	388.	15.0	19200.	48.	0.0025	2.86	390.	14740.
79 413	5420N	16700W	18028.7	34877.9	48599.7	410.	12.3	16380.	38.	0.0023	1.54	14303.	16720.
79 4 8	5618N	16930W	18466.8	35077.4	49741.9	109.	12.5	16200.	35.	0.0021	2.64	4420.	15180.
79 6 7	5603N	16833W	18457.7	34964.5	49389.2	328.	18.3	20720.	33.	0.0016	3.63	1006.	28160.
79 531	5315N	16918W	17327.4	35088.5	49021.8	437.	16.0	19200.	28.	0.0015	4.18	1422.	13640.
79 4 5	5312N	16908W	17342.4	35080.3	48975.5	383.	10.2	10440.	15.	0.0014	3.08	411.	10560.
79 410	5421N	16623W	18092.7	34802.9	48407.7	405.	13.4	16380.	15.	0.0009	3.85	4772.	18700.
79 5 2	5423N	16004W	18413.6	33934.2	46190.0	93.	17.5	23520.	2.	0.0001	0.44	925.	23320.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

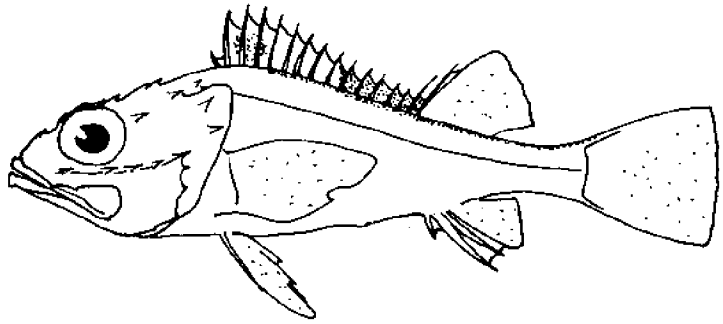


TABLE B-21. ROCKFISH, JULY-SEPTEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
77 922	5403N	16237W	18262.1	34331.7	47101.3	336.	11.5	14000.	3010.	0.2150	1.42	4303.	14080.
78 824	5401N	16300W	18236.4	34388.1	47234.4	328.	16.0	17220.	3569.	0.2072	1.53	35797.	48840.
79 9 7	5403N	16237W	18262.1	34331.7	47101.3	328.	15.5	21280.	4405.	0.2070	2.39	9684.	21780.
79 728	5404N	16203W	18290.9	34252.5	46902.4	279.	16.5	21280.	4012.	0.1886	1.92	7835.	21560.
79 818	5407N	16215W	18291.8	34272.6	46973.4	301.	17.5	14400.	2304.	0.1600	2.05	4846.	13640.
79 727	5404N	16203W	18290.9	34252.5	46902.4	279.	16.0	21280.	3361.	0.1579	2.09	7376.	17380.
79 8 7	5418N	15952W	18406.7	33922.2	46122.7	383.	16.5	21280.	3333.	0.1566	1.67	14409.	20460.
78 916	5424N	15919W	18435.9	33832.5	45921.6	347.	16.0	15950.	2121.	0.1326	1.18	9708.	21560.
79 8 6	5423N	15924W	18431.5	33846.3	45952.3	383.	16.0	21280.	2659.	0.1249	1.33	13312.	22000.
79 9 8	5402N	16243W	18253.9	34347.5	47136.0	328.	15.0	21280.	2643.	0.1242	1.06	12925.	25080.
79 7 8	5434N	15827W	18478.1	33690.1	45602.1	383.	18.0	16800.	2040.	0.1214	1.51	11203.	22440.
79 725	5359N	16303W	18228.8	34399.0	47250.7	328.	16.5	21280.	2506.	0.1178	1.01	10942.	20900.
77 920	5412N	16055W	18358.2	34078.9	46499.7	432.	12.0	14000.	1635.	0.1168	1.16	8650.	16720.
77 924	5357N	16244W	18236.2	34360.6	47139.7	448.	11.5	14000.	1625.	0.1160	1.65	5795.	16500.
79 9 6	5403N	16200W	18289.9	34248.0	46884.7	372.	15.5	21280.	2451.	0.1152	1.07	26083.	36300.
77 921	5409N	16128W	18329.7	34161.0	46696.0	339.	11.0	14000.	1537.	0.1098	1.62	2909.	8580.
78 822	5415N	16040W	18374.7	34037.1	46409.4	350.	15.0	17220.	1865.	0.1083	1.40	19561.	34540.
78 825	5307N	16643W	17692.9	34902.2	48345.1	328.	18.0	17220.	1798.	0.1044	1.23	31259.	43780.
79 722	5414N	16046W	18368.7	34053.3	46445.5	410.	16.5	21280.	2148.	0.1010	1.26	22670.	30360.
79 718	5404N	16200W	18293.1	34245.7	46884.8	295.	16.2	18400.	1847.	0.1004	1.53	7291.	22440.
79 8 8	5416N	16118W	18356.2	34120.2	46635.3	284.	15.5	21280.	2121.	0.0997	1.35	16342.	25080.
79 7 5	5404N	16230W	18270.9	34313.6	47060.7	410.	16.0	27000.	2659.	0.0985	2.53	7737.	14960.
77 929	5403N	16143W	18301.8	34209.7	46784.9	396.	12.0	14000.	1372.	0.0980	2.12	4266.	12100.
79 818	5404N	16217W	18280.7	34284.1	46984.5	328.	16.0	12600.	1213.	0.0962	1.91	3039.	12980.
77 918	5407N	16126W	18325.1	34161.6	46684.5	391.	12.0	14000.	1344.	0.0960	1.89	3034.	17600.
77 925	5410N	16124W	18335.2	34149.4	46672.1	446.	12.5	14000.	1343.	0.0959	2.88	6701.	21340.
79 711	5421N	15931W	18423.7	33867.5	45995.7	388.	18.0	16800.	1610.	0.0958	1.48	16925.	24420.
79 820	5311N	16637W	17724.9	34890.2	48325.4	328.	16.0	12600.	1153.	0.0915	1.48	5539.	11660.
79 717	5400N	16250W	18241.4	34367.7	47175.8	295.	18.0	17480.	1545.	0.0884	1.76	5622.	16720.
79 914	5237N	16904W	17165.8	35078.7	48861.2	355.	16.5	19950.	1754.	0.0879	1.64	27125.	31020.
78 826	5302N	16712W	17603.9	34948.1	48467.1	301.	16.0	17220.	1476.	0.0857	2.90	31025.	45760.
79 726	5413N	16119W	18347.0	34130.4	46641.9	301.	16.5	19380.	1624.	0.0838	1.13	13539.	18700.
79 8 5	5428N	15902W	18452.0	33783.6	45816.5	410.	16.5	21280.	1771.	0.0832	1.63	23354.	32340.
79 713	5408N	16138W	18320.3	34188.2	46755.2	82.	17.0	16800.	1381.	0.0822	1.39	2669.	16720.
79 821	5401N	16240W	18253.0	34342.9	47110.1	306.	15.0	21280.	1692.	0.0795	1.20	23216.	32340.
78 823	5408N	16124W	18329.3	34154.5	46672.5	345.	16.0	17220.	1368.	0.0794	0.86	20674.	38940.
79 827	5414N	16102W	18359.8	34089.3	46540.6	290.	16.3	21280.	1685.	0.0792	0.96	57382.	60060.
78 829	5425N	15900W	18446.1	33788.4	45808.4	334.	16.0	19200.	1519.	0.0791	1.06	41596.	48620.
77 927	5413N	16041W	18368.8	34044.8	46416.3	437.	13.5	14000.	1096.	0.0783	1.56	2232.	6380.
79 724	5408N	16218W	18292.8	34277.0	46991.3	383.	16.5	21280.	1569.	0.0737	1.21	11803.	19360.
77 917	5402N	16234W	18261.1	34327.2	47083.5	369.	11.3	14000.	994.	0.0710	1.50	1469.	17160.
77 926	5420N	15935W	18419.5	33879.1	46020.3	388.	17.3	14000.	972.	0.0694	1.80	1343.	6380.
79 723	5428N	15901W	18452.4	33781.4	45810.6	301.	16.5	21280.	1467.	0.0689	1.06	19201.	25520.
79 830	5309N	16634W	17721.3	34888.7	48306.9	306.	16.0	21280.	1423.	0.0669	1.31	4514.	12320.
79 718	5557N	17003W	18232.5	35124.5	49789.1	355.	21.0	16800.	1021.	0.0608	4.03	881.	33440.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE B-21 (continued). ROCKFISH, JULY-SEPTEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES ZX	ZY	ZZ	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
79 816	5422N	15923W	18429.5	33847.1	45947.4	328.	17.0	14400.	828.	0.0575	1.50	7257.	12760.
79 814	5427N	15902W	18449.8	33788.6	45817.7	355.	17.0	14400.	816.	0.0567	1.21	8055.	14080.
79 9 1	5300N	16713W	17591.5	34550.4	48466.9	410.	15.0	21280.	1157.	0.0544	1.56	36713.	50380.
79 916	5435N	15841W	18475.3	33718.7	45683.3	104.	11.0	16800.	911.	0.0542	1.58	574.	28600.
79 912	5213N	17042W	16690.4	35130.7	49120.4	355.	21.1	19437.	1040.	0.0535	3.05	16744.	22880.
79 918	5436N	15835W	18479.5	33700.7	45646.4	120.	10.5	16800.	877.	0.0522	1.30	3046.	33440.
78 9 7	5558N	16946W	18288.8	35107.5	49727.6	394.	15.0	17220.	873.	0.0507	4.31	8707.	31020.
79 831	5306N	16651W	17670.9	34915.1	48380.2	410.	14.4	21280.	1052.	0.0494	1.34	17132.	27500.
79 8 9	5400N	16303W	18230.3	34398.9	47251.2	306.	16.5	21280.	990.	0.0465	0.95	9832.	19140.
79 917	5434N	15841W	18473.1	33719.9	45684.7	120.	11.4	16800.	775.	0.0462	1.37	257.	28600.
79 7 3	5304N	16655W	17652.3	34922.2	48394.2	301.	17.0	27000.	1169.	0.0433	1.61	15283.	23320.
79 711	5624N	17125W	18075.6	35091.0	50101.6	410.	18.5	18400.	780.	0.0424	3.21	5587.	18260.
79 831	5440N	15803W	18498.4	33620.4	45451.8	383.	16.3	19950.	840.	0.0421	1.47	9271.	16500.
77 919	5403N	16150W	18297.0	34225.5	46626.0	339.	11.0	14000.	562.	0.0402	1.57	5897.	16940.
79 8 7	5442N	15802W	18502.7	33613.8	45442.6	383.	16.0	14400.	570.	0.0396	1.73	8765.	13200.
79 815	5436N	15827W	18482.3	33683.8	45599.2	383.	17.5	14400.	553.	0.0384	1.01	7658.	13640.
79 7 8	5614N	17106W	18107.3	35122.5	50037.4	383.	16.3	18400.	689.	0.0375	3.75	5389.	13860.
78 914	5432N	15859W	18462.1	33764.8	45793.9	93.	19.3	20160.	754.	0.0374	1.76	2129.	16280.
77 930	5424N	15915W	18437.6	33823.8	45898.0	396.	15.0	18480.	671.	0.0363	1.19	6153.	12760.
79 9 2	5256N	16732W	17523.1	34979.1	48545.6	355.	13.0	14440.	503.	0.0349	2.05	13857.	20020.
78 828	5437N	15805W	18491.7	33634.3	45468.4	301.	16.0	19200.	660.	0.0344	0.92	19522.	29260.
79 7 7	5448N	15931W	18486.2	33783.9	45568.9	377.	16.0	27000.	899.	0.0333	0.88	13250.	18040.
79 8 6	5438N	15805W	18493.7	33631.0	45466.8	383.	18.0	15840.	523.	0.0330	1.25	9619.	13420.
79 7 4	5403N	16150W	18297.0	34225.5	46826.0	380.	17.5	27000.	893.	0.0331	1.23	10899.	16500.
79 7 7	5608N	17035W	18201.5	35138.2	49941.7	410.	21.2	16560.	547.	0.0330	3.31	4415.	10560.
79 730	5312N	16630W	17727.7	34891.2	48332.3	301.	16.5	21280.	694.	0.0326	1.48	6143.	13200.
79 829	5318N	16618W	17796.2	34853.8	48248.5	383.	14.5	21280.	683.	0.0321	1.31	4426.	9240.
79 818	5444N	15800W	18507.3	33601.0	45427.6	109.	13.0	17640.	558.	0.0316	2.35	6161.	11880.
78 724	5405N	16147W	18305.2	34213.9	46803.4	328.	17.1	23200.	711.	0.0306	1.41	2608.	5060.
79 922	5403N	16205W	18286.3	34259.3	46514.0	427.	13.1	16800.	505.	0.0301	1.12	19529.	29700.
79 7 3	5422N	15935W	18424.3	33873.3	46018.4	317.	18.1	18400.	421.	0.0229	1.03	16208.	20020.
79 828	5319N	16603W	17828.9	34827.0	48176.6	383.	14.5	21280.	478.	0.0225	1.38	3023.	10340.
79 817	5439N	15819W	18491.2	33657.2	45547.5	98.	12.0	17640.	394.	0.0223	1.41	707.	29040.
79 7 4	5415N	16019W	18385.8	33990.3	46284.8	355.	18.5	17480.	375.	0.0214	1.25	11965.	20240.
79 7 2	5440N	15800W	18499.3	33614.1	45434.2	328.	16.5	18400.	384.	0.0209	1.36	17936.	24860.
78 728	5312N	16902W	17361.0	35075.0	48952.8	383.	15.3	19000.	392.	0.0206	3.75	440.	9900.
79 7 6	5427N	15901W	18450.2	33784.5	45811.8	314.	17.4	27000.	477.	0.0177	1.00	9706.	12320.
78 919	5448N	15827W	18507.0	33644.7	45581.6	104.	21.7	20160.	355.	0.0176	1.78	869.	20900.
79 7 5	5415N	16042W	18373.6	34041.6	46421.3	355.	17.4	18400.	304.	0.0165	1.06	14944.	20460.
78 910	5447N	15832W	18503.4	33658.7	45613.0	98.	17.9	20160.	279.	0.0138	1.78	1017.	23980.
78 9 2	5417N	16100W	18369.3	34076.7	46527.6	82.	17.5	17520.	238.	0.0136	1.88	1636.	16500.
78 9 7	5417N	16118W	18359.1	34117.5	46635.1	71.	16.5	19200.	236.	0.0123	1.89	925.	14520.
79 722	5611N	16923W	18432.4	35068.0	49679.7	372.	10.0	17640.	209.	0.0118	6.67	5221.	10340.
78 712	5422N	16012W	18407.3	33954.9	46238.4	88.	16.1	23200.	244.	0.0105	1.87	480.	12100.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE B-21 (continued). ROCKFISH, JULY-SEPTEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 822	5318N	16905W	17385.3	35077.3	48982.0	383.	18.5	21280.	223.	0.0105	4.15	1376.	20460.
78 823	5616N	16940W	18432.4	35095.8	49780.1	167.	17.3	20000.	200.	0.0100	3.08	622.	17600.
79 920	5423N	15833W	18473.9	33706.0	45638.8	109.	10.0	16800.	160.	0.0095	1.42	250.	14080.
79 7 2	5310N	16630W	17734.3	34879.5	48290.0	306.	17.9	27000.	251.	0.0093	1.01	22333.	30140.
79 821	5548N	16854W	18334.9	35026.8	49449.1	383.	12.0	16800.	157.	0.0093	4.80	6752.	13860.
78 920	5449N	15829W	18508.4	33645.7	45592.2	93.	18.2	20160.	184.	0.0091	1.79	328.	18700.
78 825	5607N	16939W	18370.7	35096.7	49736.9	170.	17.1	20000.	178.	0.0089	2.38	1475.	18260.
79 8 1	5318N	16907W	17379.1	35079.1	48589.6	437.	15.5	21280.	155.	0.0073	4.71	1058.	15400.
78 919	5417N	16034W	18383.3	34018.2	46372.7	98.	13.0	11275.	80.	0.0071	1.34	86.	9680.
79 915	5311N	16909W	17333.6	35081.2	48976.3	437.	21.7	19950.	115.	0.0057	3.67	539.	27060.
78 8 7	5613N	16918W	18454.8	35056.8	49662.9	142.	16.9	20000.	113.	0.0057	2.68	1317.	9020.
79 9 6	5612N	16909W	18463.1	35038.6	49813.4	153.	15.7	18240.	98.	0.0054	3.13	4487.	46200.
79 714	5616N	16939W	18434.6	35094.2	49775.6	104.	13.5	13800.	65.	0.0047	3.13	728.	16500.
79 731	5320N	16902W	17405.7	35074.5	48976.6	437.	15.5	21280.	101.	0.0048	3.17	455.	15620.
78 9 9	5418N	16050W	18377.5	34051.4	46467.6	71.	17.0	19200.	87.	0.0045	1.64	714.	15620.
79 713	5616N	16939W	18434.6	35094.2	49775.6	109.	14.2	13800.	63.	0.0045	2.86	1615.	16280.
79 814	5452N	15822W	18516.5	33620.7	45545.8	98.	12.0	17640.	80.	0.0045	1.72	1235.	22440.
78 829	5610N	16919W	18433.1	35060.9	49656.2	301.	19.4	20000.	89.	0.0045	3.92	689.	4620.
79 716	5534N	16829W	18291.5	34987.6	49273.6	235.	18.3	16800.	73.	0.0043	6.60	1456.	27500.
78 918	5448N	15827W	18507.0	33644.7	45581.6	98.	18.5	20160.	73.	0.0036	1.78	570.	21780.
79 9 5	5601N	16836W	18442.3	34974.5	49399.5	153.	17.4	17727.	64.	0.0036	3.48	4406.	38060.
79 920	5437N	15830W	18483.4	33686.9	45615.4	109.	11.6	15800.	60.	0.0036	1.26	934.	16940.
78 7 5	5426N	16613W	18131.0	34775.5	48364.2	301.	8.0	12950.	44.	0.0034	1.84	413.	3080.
78 730	5532N	16827W	18282.8	34985.3	49256.6	383.	16.2	20000.	66.	0.0033	3.85	239.	7040.
79 823	5507N	16753W	18193.8	34938.6	49002.2	383.	11.0	16800.	50.	0.0029	5.57	2605.	13420.
79 825	5536N	16843W	18279.2	35013.9	49351.3	301.	18.0	21280.	58.	0.0027	3.34	307.	16060.
78 711	5428N	15928W	18441.6	33840.0	45970.3	104.	15.4	23200.	62.	0.0027	1.58	44.	14960.
78 822	5615N	16946W	18411.3	35105.1	49802.2	170.	17.5	20000.	49.	0.0025	3.19	978.	9240.
78 713	5402N	16302W	18238.2	34390.5	47246.5	82.	16.3	23200.	58.	0.0025	3.15	352.	12760.
79 823	5313N	16903W	17363.5	35075.9	48959.6	383.	17.5	21280.	51.	0.0024	3.08	1802.	28380.
78 726	5312N	16904W	17354.9	35076.8	48960.4	383.	16.2	19000.	39.	0.0020	3.96	549.	19140.
78 821	5619N	16940W	18453.7	35094.8	49793.0	164.	18.5	20000.	42.	0.0021	2.42	1034.	22440.
79 8 2	5319N	16902W	17400.1	35074.6	48973.6	328.	16.0	21280.	37.	0.0017	2.05	832.	16280.
78 8 9	5618N	16940W	18446.6	35095.1	49788.7	142.	16.0	20000.	34.	0.0017	2.42	585.	8580.
79 9 4	5436N	15831W	18480.9	33692.2	45622.8	98.	15.0	21280.	37.	0.0017	2.05	502.	56760.
78 827	5617N	16941W	18437.3	35097.1	49788.9	170.	16.1	20000.	33.	0.0017	2.26	698.	17820.
79 827	5455N	15822W	18522.4	33610.6	45541.4	98.	16.7	19950.	30.	0.0015	1.80	260.	12320.
78 830	5616N	16933W	18447.2	35083.9	49747.9	170.	16.3	20000.	19.	0.0010	2.64	2237.	17820.
79 9 3	5500N	16727W	18196.4	34891.8	48845.5	164.	15.5	18240.	17.	0.0009	2.20	1056.	26620.
78 921	5458N	15833W	18525.2	33623.8	45603.7	88.	17.3	20160.	17.	0.0008	1.83	194.	22000.
78 911	5448N	15828W	18506.7	33646.9	45587.6	77.	18.9	20160.	17.	0.0008	1.76	171.	21780.
78 913	5446N	15832W	18501.4	33662.0	45614.4	93.	20.9	20160.	16.	0.0008	1.76	501.	30140.
78 8 1	5553N	16854W	18366.6	35023.0	49467.2	137.	16.0	20000.	15.	0.0008	2.86	846.	9900.
79 715	5616N	16938W	18436.7	35092.5	49771.0	126.	13.5	13800.	9.	0.0006	3.08	1396.	18920.
79 9 7	5519N	16752W	18263.0	34924.3	49032.6	153.	16.6	19950.	11.	0.0006	3.08	1521.	47960.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE B-22. ROCKFISH, OCTOBER-DECEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
781123	5406N	16155W	18302.8	34229.6	46855.5	342.	17.0	15200.	4223.	0.2778	1.74	6076.	22220.
7910 6	5422N	15932W	18425.6	33866.7	46000.6	328.	17.0	15200.	3318.	0.2183	1.20	31917.	45320.
781015	5443N	15803W	18504.4	33610.6	45446.9	82.	7.0	9600.	2091.	0.2178	1.76	1279.	15620.
781124	5408N	16130W	18325.5	34168.1	46707.9	342.	18.0	15200.	2896.	0.1905	1.65	38658.	56320.
781019	5410N	16215W	18301.4	34265.4	46974.0	98.	14.0	19200.	2393.	0.1246	1.93	1713.	21340.
781121	5416N	16038W	18378.5	34029.9	46397.0	342.	18.0	15200.	1197.	0.0788	1.42	12448.	28600.
781126	5416N	16013W	18391.4	33974.2	46248.6	342.	18.0	15200.	1184.	0.0775	1.19	17578.	32560.
781123	5435N	15831W	18478.8	33695.4	45624.2	301.	19.0	15120.	1099.	0.0727	0.90	12611.	21120.
781020	5406N	16151W	18305.6	34220.5	46831.9	98.	16.0	18240.	1293.	0.0709	1.44	527.	33660.
781122	5415N	16102W	18362.6	34086.6	46540.2	342.	18.0	15200.	991.	0.0652	1.11	10142.	28600.
781120	5442N	15821W	18496.7	33651.7	45554.8	96.	16.0	15120.	957.	0.0633	1.82	975.	16500.
781115	5438N	15828W	18486.1	33679.5	45602.1	109.	15.0	15120.	896.	0.0593	1.65	1049.	27500.
781124	5440N	15802W	18498.7	33618.3	45445.9	328.	17.0	15120.	884.	0.0584	1.12	15883.	22880.
781112	5444N	15827W	18498.9	33657.9	45587.5	104.	18.0	15120.	876.	0.0579	1.60	480.	21780.
781025	5406N	16143W	18311.0	34202.4	46784.8	112.	12.0	14400.	805.	0.0559	1.56	800.	17600.
781120	5417N	16000W	18400.4	33942.6	46170.8	342.	18.0	15200.	844.	0.0555	0.98	7670.	26180.
781013	5423N	15947W	18421.4	33896.6	46088.7	107.	15.0	20160.	1116.	0.0554	1.80	776.	29040.
781119	5423N	15928W	18429.8	33855.0	45975.9	342.	18.0	15200.	793.	0.0522	1.08	8912.	25740.
781118	5427N	15902W	18449.8	33786.6	45817.7	323.	18.0	15200.	733.	0.0482	1.47	19508.	36740.
781031	5406N	16149W	18308.9	34216.0	46820.2	88.	14.0	18240.	638.	0.0460	1.76	438.	14300.
781021	5416N	16124W	18352.7	34133.8	46671.1	104.	16.0	19200.	789.	0.0411	1.35	1305.	29700.
781116	5439N	15827W	18488.6	33674.1	45594.8	123.	16.0	15120.	609.	0.0402	1.12	365.	24200.
781027	5417N	16028W	18366.4	34004.8	46337.0	88.	17.0	14000.	531.	0.0380	1.62	2712.	34540.
781022	5400N	16123W	18306.3	34172.3	46668.0	109.	15.0	19200.	701.	0.0365	1.60	401.	29920.
7710 1	5418N	15957W	18404.4	33933.2	46152.3	364.	10.7	18480.	642.	0.0347	1.27	3307.	6160.
7910 7	5431N	15901W	18459.2	33772.2	45807.0	104.	18.0	15200.	518.	0.0341	1.11	235.	18920.
791230	5440N	15817W	18493.9	33649.8	45534.2	137.	12.0	16000.	532.	0.0332	1.68	754.	54560.
781014	5444N	15824W	18499.8	33651.5	45569.6	115.	17.0	14400.	401.	0.0278	0.91	2404.	29480.
791231	5442N	15810W	18500.2	33628.5	45489.7	148.	12.5	16000.	417.	0.0261	1.69	1071.	57200.
781119	5446N	15819W	18505.4	33634.4	45536.9	90.	17.0	15120.	340.	0.0225	2.39	375.	30140.
781031	5455N	15826W	18521.3	33619.1	45565.5	98.	17.0	14000.	284.	0.0203	1.49	932.	37180.
781118	5443N	15821W	18498.7	33648.5	45553.3	123.	15.0	15120.	294.	0.0194	2.22	269.	18260.
7911 7	5447N	15818W	18507.7	33629.0	45529.4	104.	14.0	17500.	319.	0.0182	1.90	584.	24860.
781025	5417N	16044W	18378.0	34040.6	46432.2	93.	18.0	14000.	255.	0.0182	1.52	624.	22440.
791117	5417N	16120W	18357.9	34122.1	46647.0	88.	15.0	19600.	348.	0.0178	1.47	4633.	21340.
781025	5434N	15847W	18471.0	33732.7	45720.2	104.	9.5	9000.	148.	0.0164	0.97	1444.	11000.
781111	5447N	15823W	18506.2	33639.5	45559.2	101.	16.0	15120.	230.	0.0152	1.63	881.	39160.
791114	5320N	16901W	17408.8	35073.6	48572.7	383.	19.0	20000.	243.	0.0122	4.52	1559.	38060.
7912 3	5436N	15840W	18477.8	33711.4	45676.0	126.	12.0	13300.	161.	0.0121	1.58	231.	20460.
781127	5422N	15810W	18458.5	33691.7	45521.7	96.	14.0	12600.	141.	0.0112	1.45	1583.	11660.
781012	5435N	15841W	18475.3	33716.7	45683.3	109.	16.5	14400.	153.	0.0106	0.94	264.	25960.
781026	5406N	16149W	18306.9	34216.0	46620.2	96.	15.0	19200.	202.	0.0105	1.56	1609.	20460.
791116	5313N	16904W	17360.4	35076.8	48563.4	394.	11.0	11000.	109.	0.0099	3.87	145.	10780.
791227	5450N	15818W	18513.7	33619.0	45524.8	109.	13.0	16000.	154.	0.0096	2.17	620.	24200.
781014	5424N	15948W	18423.4	33895.9	46093.8	98.	14.0	19200.	180.	0.0094	1.72	258.	22000.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE B-22 (continued). ROCKFISH, OCTOBER-DECEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
781112	5455N	15823W	18522.1	33612.7	45547.4	104.	16.1	15200.	134.	0.0088	1.94	338.	21340.
791111	5448N	15821W	18506.8	33632.0	45545.8	104.	14.5	19600.	171.	0.0087	1.45	682.	23320.
7912 5	5430N	15903W	18456.1	33779.6	45620.0	120.	12.0	15200.	130.	0.0086	1.57	407.	27500.
781018	5435N	15840W	18475.6	33714.6	45677.4	104.	16.5	14400.	120.	0.0083	0.61	632.	29700.
781111	5452N	15820W	18517.1	33618.5	45533.8	104.	16.0	15200.	121.	0.0080	2.02	444.	31680.
781017	5445N	15824W	18501.8	33648.3	45568.1	104.	17.0	14400.	114.	0.0079	0.63	600.	31680.
7812 1	5447N	16741W	18102.1	34932.7	48181.9	355.	16.0	12600.	85.	0.0068	2.79	4350.	7260.
7911 9	5446N	15823W	18504.2	33642.9	45560.7	104.	14.0	19600.	130.	0.0066	1.81	477.	24420.
791112	5622N	17122W	18079.1	35097.7	50091.5	126.	14.0	17390.	116.	0.0067	4.66	1447.	13420.
7912 6	5440N	15823W	18491.9	33662.4	45569.6	120.	12.0	15200.	99.	0.0065	1.60	995.	41800.
791118	5319N	16903W	17397.0	35075.5	48977.4	399.	18.0	20000.	124.	0.0062	4.89	714.	32560.
791110	5447N	15822W	18506.5	33637.4	45553.2	104.	15.0	19600.	110.	0.0056	1.83	581.	31900.
791117	5319N	16902W	17400.1	35074.6	48973.6	410.	17.5	17000.	90.	0.0053	4.65	270.	18700.
7811 1	5502N	15836W	18532.3	33616.5	45616.5	99.	16.0	14000.	50.	0.0035	2.64	516.	37400.
781020	5449N	15826W	18509.3	33639.3	45574.2	109.	15.0	14400.	47.	0.0033	0.66	639.	27500.
7911 5	5450N	15812W	18515.5	33606.3	45489.0	93.	18.0	19600.	57.	0.0029	1.91	635.	23760.
7912 4	5423N	15944W	18422.7	33890.0	46070.8	109.	12.0	15200.	42.	0.0028	1.54	321.	21780.
781021	5449N	15827W	18509.0	33641.4	45580.2	104.	16.5	14400.	36.	0.0025	0.69	851.	29040.
791113	5434N	16552W	18195.3	34717.7	48263.5	279.	8.0	8000.	21.	0.0026	2.86	203.	5500.
781028	5410N	16132W	18330.2	34167.5	46719.5	82.	8.0	9600.	22.	0.0023	1.10	1291.	8800.
781013	5443N	15822W	18498.4	33650.6	45559.2	109.	17.0	14400.	26.	0.0018	0.66	824.	25960.
791119	5406N	16214W	18289.3	34272.7	46567.3	82.	12.0	15200.	26.	0.0017	1.76	816.	6820.
781019	5453N	15831W	18515.9	33636.5	45598.5	93.	16.5	14400.	22.	0.0015	0.72	375.	34100.
781110	5457N	15819W	18527.2	33597.4	45520.3	90.	17.0	15120.	19.	0.0012	2.20	520.	24420.
7811 4	5459N	15813W	18532.7	33577.8	45481.1	86.	4.0	4800.	6.	0.0012	1.10	9.	7700.
781027	5413N	16129W	18340.9	34153.0	46701.3	104.	15.0	19200.	21.	0.0011	1.76	2382.	23980.
7812 6	5615N	16945W	18413.7	35103.7	49797.8	118.	17.0	15200.	13.	0.0008	1.76	2158.	23100.
781110	5456N	15818W	18525.5	33598.7	45515.8	96.	16.0	15200.	13.	0.0008	1.10	120.	29480.
791225	5439N	15818W	18491.5	33655.1	45541.6	115.	13.0	16000.	12.	0.0007	2.20	581.	38060.
781128	5416N	16130W	18345.1	34147.5	46706.9	96.	14.0	12600.	8.	0.0007	1.54	1702.	11220.
7911 9	5458N	15827W	18526.9	33611.0	45567.2	104.	15.0	20000.	13.	0.0007	1.32	477.	23540.
791029	5444N	15800W	18507.3	33601.0	45427.6	93.	13.8	19800.	10.	0.0005	1.65	1380.	40700.
781116	5447N	15809W	18510.5	33610.0	45475.9	104.	17.0	15200.	7.	0.0005	0.88	102.	21120.
791226	5450N	15814W	18514.9	33610.5	45500.9	120.	11.0	16000.	6.	0.0004	1.10	762.	31900.
781026	5450N	15831W	18509.8	33646.6	45602.8	93.	16.0	14400.	5.	0.0004	0.55	717.	22880.
791113	5628N	17126W	18095.3	35083.8	50115.7	131.	14.5	18800.	4.	0.0002	3.52	520.	11880.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

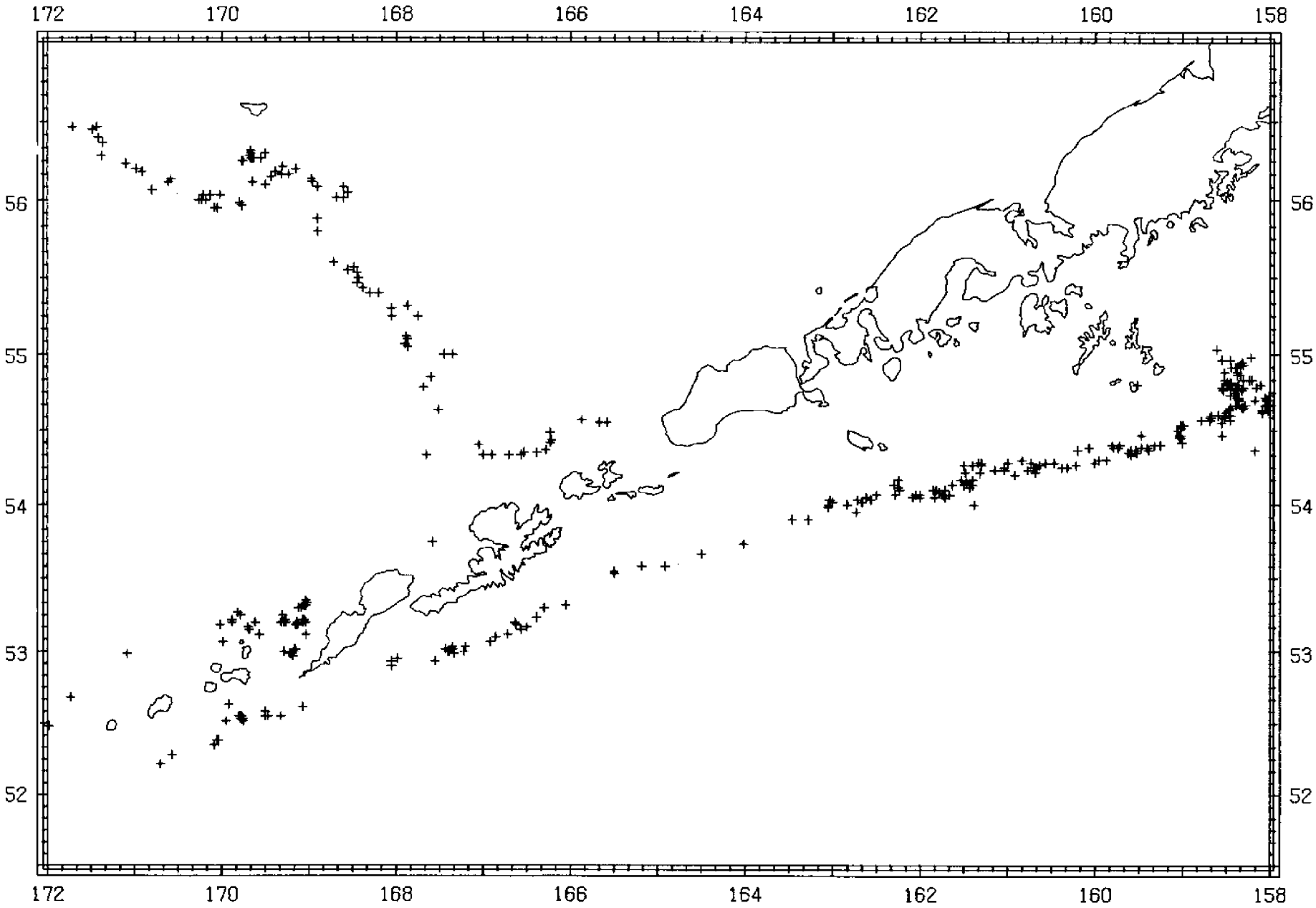
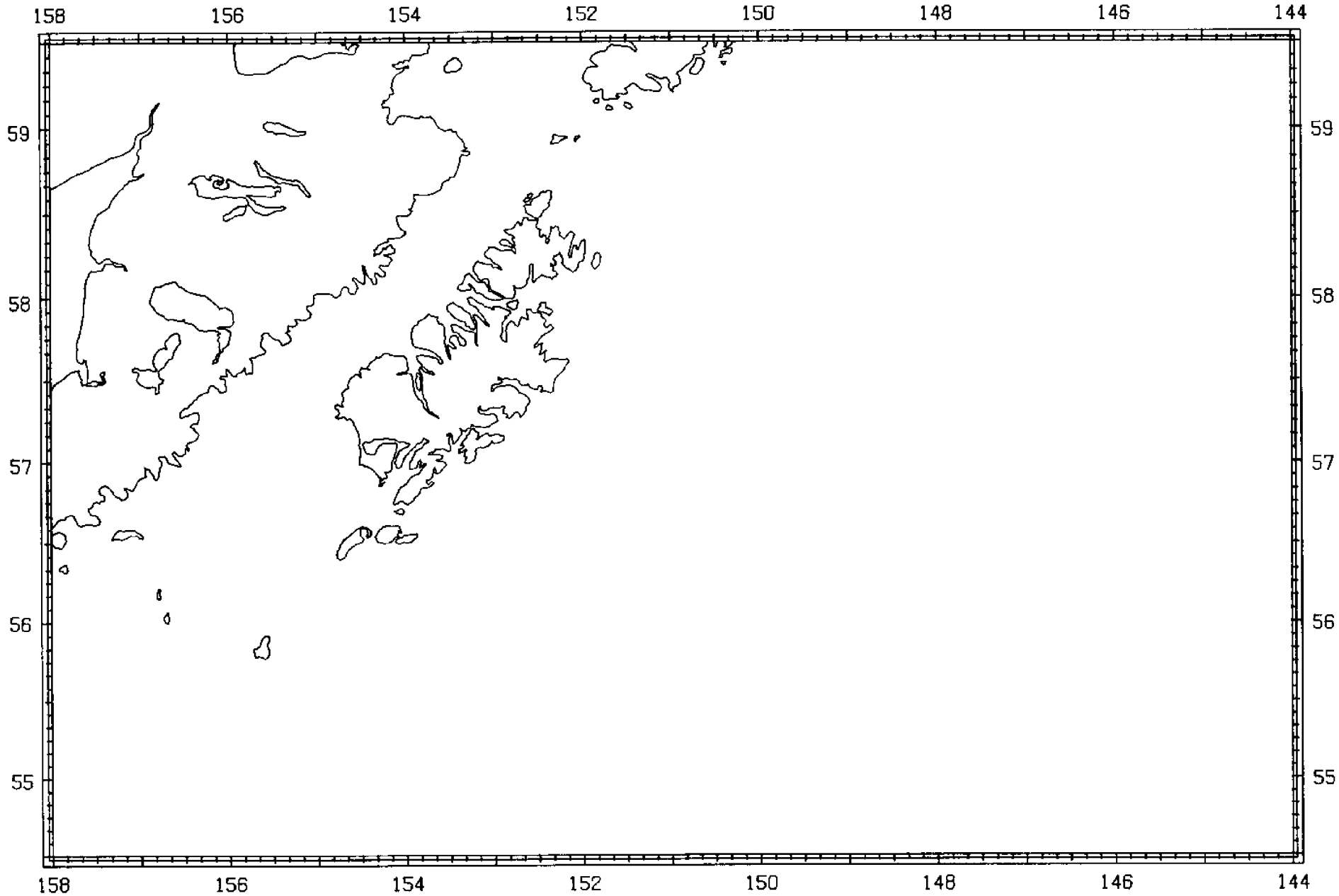


FIGURE B-5. ROCKFISH, ALL MONTHS, 1977-1979



APPENDIX C. KODIAK ISLAND REGION

APPENDIX C

Productive Foreign Fishing Locations in the Kodiak Island Region

Table		Page
C-1.	Summary of overall catch composition and average catch rates observed in the Kodiak Island region during 1979, depths less than 270 fathoms	112
C-2.	Summary of overall catch composition and average catch rates observed in the Kodiak Island region during 1979, depths greater than 270 fathoms	113
C-3.	Sablefish, January-March	114
C-4.	Sablefish, April-June	115
C-5.	Sablefish, July-September	117
C-6.	Sablefish, October-December	120
C-7.	Pacific Cod, January-March	124
C-8.	Pacific Cod, April-June	124
C-9.	Pacific Cod, July-September	125
C-10.	Pacific Cod, October-December	126
C-11.	Pacific Halibut, January-March	129
C-12.	Pacific Halibut, April-June	129
C-13.	Pacific Halibut, July-September	130
C-14.	Pacific Halibut, October-December	131
C-15.	Flounders, January-March	134
C-16.	Flounders, April-June	135
C-17.	Flounders, July-September	137
C-18.	Flounders, October-December	140
C-19.	Rockfish, January-March	144
C-20.	Rockfish, April-June	145
C-21.	Rockfish, July-September	147
C-22.	Rockfish, October-December	150

APPENDIX C (Cont'd)

Productive Foreign Fishing Locations in the Kodiak Island Region

Figure		Page
C-1.	Sablefish, All Months, 1977-79	123
C-2.	Pacific Cod, All Months, 1977-79	128
C-3.	Pacific Halibut, All Months, 1977-79	133
C-4.	Flounders, All Months, 1977-79	143
C-5.	Rockfish, All Months, 1977-79	153

Table C-1

SUMMARY OF OVERALL CATCH COMPOSITION AND AVERAGE CATCH RATES OBSERVED IN THE KODIAK ISLAND REGION DURING 1979, DEPTHS LESS THAN 270 FATHOMS.1/

Species	Catch Per Hook (lbs)	Proportion of Total Catch	Mean Size (lbs/fish)
Pacific Cod	1.2884	0.8577	7.49
Sablefish	0.0673	0.0448	3.56
Pacific Halibut	0.0588	0.0391	7.04
Arrowtooth Flounder	0.0199	0.0132	3.20
Unidentified Rattails	0.0159	0.0105	7.98
Unidentified Sculpins	0.0126	0.0083	0.86
Shortspine Thornyhead	0.0062	0.0041	1.47
Great Sculpin	0.0038	0.0025	7.89
Bigmouth Sculpin	0.0033	0.0021	7.28
Octopus	0.0032	0.0021	7.58
Starry Skate	0.0029	0.0019	9.64
Walleye Pollock	0.0028	0.0018	2.48
Red Irish Lord	0.0018	0.0012	0.70
Unidentified Skates	0.0017	0.0011	8.40
Yellow Irish Lord	0.0015	0.0010	0.67
Pectoral Rattail	0.0015	0.0010	8.66
Dover Sole	0.0013	0.0008	2.35
Roughscale Rattail	0.0009	0.0006	2.07
Searcher	0.0009	0.0006	0.58
Starfish	0.0005	0.0003	1.13
Dusky Rockfish	0.0005	0.0003	2.08
Salmon	0.0005	0.0003	6.40
Deepsea Skate	0.0004	0.0002	33.07
Blackfin Sculpin	0.0004	0.0002	0.65

1/ Based upon observations of 49 longline sets with a total of 842,610 hooks.

Table C-2

SUMMARY OF OVERALL CATCH COMPOSITION AND AVERAGE CATCH RATES OBSERVED IN THE KODIAK ISLAND REGION DURING 1979, DEPTHS GREATER THAN 270 FATHOMS.1/

Species	Catch Per Hook (lbs)	Proportion of Total Catch	Mean Size (lbs/fish)
Sablefish	0.5112	0.3913	6.34
Unidentified Rattails	0.3676	0.2813	6.49
Pectoral Rattail	0.3124	0.2363	7.53
Shortspine Thornyhead	0.0496	0.0377	1.23
Arrowtooth Flounder	0.0248	0.0189	4.65
Pacific Halibut	0.0095	0.0072	13.98
Roughscale Rattail	0.0083	0.0063	3.02
Pacific Cod	0.0076	0.0057	5.98
Dover Sole	0.0035	0.0026	2.28
Shortraker Rockfish	0.0028	0.0021	5.29
Longspine Thornyhead	0.0020	0.0015	0.93
Starry Skate	0.0015	0.0011	11.36
Tanner Crab	0.0009	0.0006	1.89
Deepsea Skate	0.0005	0.0003	7.59
King Crab	0.0004	0.0003	2.15
Unidentified Skates	0.0004	0.0003	7.43
Octopus	0.0003	0.0002	1.85
Black Skate	0.0002	0.0001	6.53
Pacific Pomfret	0.0002	0.0001	2.32
Pacific Ocean Perch	0.0002	0.0001	2.97
Rougheye Rockfish	0.0002	0.0001	2.87
Unidentified Rockfish	0.0002	0.0001	15.43
Big Skate	0.0002	0.0001	10.33
Greenland Turbot	0.0001	0.0001	6.97

1/ Based upon observations of 165 longline sets with a total of 2,858,330 hooks.

TABLE C-3. SABLEFISH, JANUARY-MARCH

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
78 131	5622N	15233W	18685.5	32639.6	43374.5	355.	16.0	15120.	12678.	0.8517	7.01	1701.	15180.
78 3 3	5510N	15710W	18567.5	33408.7	45084.2	355.	20.0	18480.	15075.	0.8157	6.63	1982.	18700.
78 3 7	5551N	15407W	18651.9	32913.4	43936.5	328.	18.0	18480.	14014.	0.7583	5.55	3456.	21120.
78 2 1	5618N	15300W	18684.3	32697.5	43502.2	350.	12.0	5400.	2950.	0.5463	6.89	320.	3960.
78 3 8	5701N	15124W	18719.8	32382.2	43036.8	345.	18.0	18480.	9669.	0.5232	6.09	4254.	16500.
78 129	5733N	14953W	18736.8	32134.6	43008.9	383.	19.0	15120.	6970.	0.4610	6.19	4208.	11440.
78 3 8	5652N	15134W	18714.1	32432.8	43076.3	355.	15.0	13200.	5659.	0.4438	4.38	4345.	11000.
78 130	5715N	15035W	18728.4	32260.1	43000.9	355.	18.0	15120.	5949.	0.3935	7.13	3787.	10560.
78 3 2	5451N	15747W	18524.5	33550.6	45339.0	355.	18.0	18480.	6317.	0.3418	4.06	9067.	17600.
78 3 4	5502N	15652W	18558.0	33400.9	44995.2	328.	18.0	18480.	5467.	0.2958	5.95	7321.	14300.
78 3 5	5509N	15634W	18573.4	33340.6	44875.2	339.	19.0	18480.	5372.	0.2907	4.52	11213.	17820.
78 126	5913N	14640W	18749.8	31537.3	43216.5	355.	18.0	15120.	4272.	0.2825	7.53	5783.	10120.
78 127	5840N	14805W	18750.7	31744.4	43147.5	355.	25.0	15120.	4138.	0.2737	5.12	4062.	8800.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

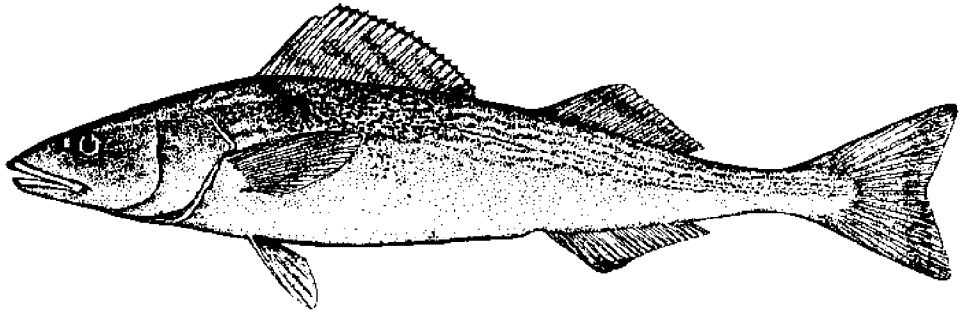


TABLE C-4. SABLEFISH, APRIL-JUNE

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
78 620	5737N	14952W	18738.2	32117.1	43013.9	306.	14.0	20000.	39037.	1.9519	6.81	19534.	62260.
78 625	5906N	14736W	18750.4	31611.4	43218.0	334.	14.0	20000.	34711.	1.7355	6.66	25601.	61380.
78 615	5653N	15131W	18714.8	32424.5	43070.7	312.	12.0	20000.	29638.	1.4819	6.59	25313.	55880.
79 6 2	5740N	14949W	18739.3	32101.2	43018.2	334.	16.0	15120.	17890.	1.1832	6.08	1863.	20900.
78 628	5912N	14650W	18749.9	31549.2	43217.3	328.	14.0	20000.	21556.	1.0778	6.58	34900.	61380.
79 5 9	5628N	15216W	18695.4	32590.1	43286.7	284.	12.5	15200.	15835.	1.0418	6.54	9874.	27280.
78 625	5929N	14448W	18747.6	31398.2	43225.8	328.	15.0	20000.	20683.	1.0341	7.55	26236.	49720.
79 6 1	5732N	15002W	18736.3	32149.5	43007.7	334.	16.0	15120.	15306.	1.0123	6.16	3072.	20460.
79 511	5621N	15235W	18688.6	32646.7	43386.0	383.	13.5	15200.	15211.	1.0007	7.23	8113.	26180.
78 619	5720N	15021W	18731.0	32221.9	42999.9	355.	16.0	20000.	17650.	0.8845	6.14	26009.	45760.
79 428	5500N	15705W	18551.6	33434.0	45075.1	301.	17.0	15200.	13255.	0.8721	7.26	8032.	22880.
79 613	5800N	14852W	18745.4	31955.4	43052.5	328.	14.0	15120.	13007.	0.8603	6.67	7510.	22880.
79 526	5544N	15411W	18643.7	32947.0	43983.0	355.	14.0	15120.	12693.	0.8395	6.47	10131.	23980.
79 531	5718N	15037W	18729.8	32250.4	43000.0	328.	15.0	15120.	12562.	0.8308	6.32	7920.	21340.
79 628	5649N	15137W	18712.1	32445.1	43094.6	328.	23.5	18400.	14834.	0.8062	6.72	7327.	25300.
79 6 3	5753N	14915W	18743.5	32009.0	43040.0	328.	15.0	15120.	12074.	0.7986	6.78	6603.	19580.
79 530	5708N	15059W	18724.4	32319.9	43010.3	328.	15.0	15120.	11379.	0.7526	6.53	8233.	20460.
79 529	5656N	15128W	18716.8	32408.2	43056.5	366.	16.0	15120.	11026.	0.7292	7.52	9137.	21340.
79 615	5824N	14828W	18749.5	31832.4	43108.0	328.	17.0	14040.	9807.	0.6985	7.27	9576.	20460.
79 423	5540N	15552W	18626.0	33144.4	44554.8	339.	13.0	19200.	13375.	0.6966	5.94	1812.	17160.
79 423	5507N	15643W	18568.3	33365.4	44931.9	383.	18.0	15200.	10375.	0.6826	8.47	9154.	19800.
79 424	5551N	15414W	18651.2	32925.4	43972.7	328.	13.0	19200.	12620.	0.6677	6.49	5804.	20020.
78 618	5714N	15044W	18727.7	32275.7	43001.9	334.	15.0	20000.	13065.	0.6533	6.57	27250.	41140.
79 427	5512N	15637W	18577.6	33335.7	44885.7	284.	14.0	15200.	9526.	0.6267	3.96	4477.	16280.
79 627	5702N	15120W	18720.5	32372.7	43031.3	328.	24.5	17020.	10614.	0.6236	6.90	6179.	18920.
79 615	5712N	15052W	18726.6	32294.3	43004.2	339.	15.0	19080.	11640.	0.6101	5.89	13468.	26400.
78 423	5557N	15441W	18655.0	32948.9	44098.0	328.	16.3	22260.	13556.	0.6090	6.50	7049.	21120.
79 614	5752N	14912W	18743.2	32009.8	43037.8	355.	16.0	15120.	9198.	0.6083	6.33	12009.	22220.
79 513	5618N	15245W	18685.4	32674.0	43439.8	427.	14.5	15200.	8919.	0.5868	7.46	10550.	20020.
79 630	5511N	15630W	18577.4	33325.6	44847.4	317.	20.1	18400.	10747.	0.5840	8.87	14382.	25520.
79 616	5702N	15113W	18720.6	32369.9	43030.1	328.	15.0	19080.	11114.	0.5825	6.50	14793.	27500.
79 621	5501N	15707W	18552.9	33434.5	45084.7	164.	17.5	27000.	15323.	0.5675	7.43	3675.	19800.
79 525	5533N	15524W	18620.6	33118.9	44412.7	372.	14.0	15120.	8508.	0.5627	5.88	13269.	22880.
79 527	5554N	15331W	18658.9	32841.2	43747.9	410.	15.0	15120.	8478.	0.5607	7.39	14159.	24200.
79 614	5645N	15143W	18709.3	32473.8	43121.7	323.	16.0	19200.	10633.	0.5538	7.22	24161.	36740.
78 518	5658N	15126W	18718.0	32397.2	43047.8	345.	15.8	19200.	10330.	0.5380	7.69	3902.	14520.
79 524	5517N	15600W	18592.4	33245.8	44660.5	339.	14.0	16200.	8620.	0.5321	6.36	11568.	23100.
79 514	5618N	15256W	18684.6	32691.2	43485.0	355.	14.5	15200.	7694.	0.5062	5.32	10299.	19800.
78 426	5621N	15230W	18688.9	32639.0	43366.5	383.	18.5	22260.	10855.	0.4877	6.99	3075.	15400.
79 517	5615N	15315W	18680.6	32733.2	43583.3	410.	13.5	15200.	7228.	0.4755	5.78	10838.	18700.
78 624	5901N	14755W	18750.7	31648.3	43210.4	306.	13.0	20000.	9326.	0.4663	6.32	39231.	49060.
78 514	5542N	15457W	18635.7	33035.6	44234.8	334.	17.5	20160.	8877.	0.4403	6.89	101.	11440.
78 424	5616N	15310W	18681.9	32721.3	43555.8	328.	16.5	22260.	9734.	0.4373	6.98	7057.	17160.
78 525	5504N	15650W	18561.8	33389.9	44979.3	355.	17.0	19200.	8109.	0.4223	8.24	45110.	56320.
79 428	5710N	15050W	18725.6	32299.9	43006.0	383.	14.0	19200.	7793.	0.4059	4.62	8575.	17380.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE C-4 (continued). SABLEFISH, APRIL-JUNE

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 425	5554N	15449W	18650.8	32974.8	44152.4	317.	14.0	19200.	7644.	0.3981	5.83	1002.	10560.
79 5 1	5558N	15433W	18656.9	32931.0	44050.3	372.	12.0	19200.	7590.	0.3953	5.81	7808.	16540.
79 429	5730N	15000W	18735.5	32155.3	43005.7	394.	14.0	19200.	7589.	0.3953	6.83	8737.	16940.
79 630	5927N	14520W	18748.0	31422.3	43229.7	394.	18.0	16800.	6605.	0.3932	7.32	1837.	12980.
78 429	5558N	15432W	18657.0	32929.2	44044.8	301.	13.0	22260.	8608.	0.3867	6.61	3293.	12980.
79 515	5628N	15210W	18695.7	32581.1	43268.2	301.	16.0	15200.	5853.	0.3850	7.14	6788.	12980.
78 421	5533N	15527W	18620.2	33124.5	44429.6	301.	17.2	22260.	8529.	0.3831	6.86	8442.	18480.
79 510	5623N	15220W	18691.2	32615.9	43324.3	410.	14.0	15200.	5772.	0.3797	7.52	18218.	24420.
78 422	5553N	15402W	18654.7	32897.1	43903.4	317.	16.1	22260.	8413.	0.3779	7.22	8144.	18480.
79 523	5508N	15637W	18571.2	33350.0	44894.9	328.	13.0	15120.	5602.	0.3705	7.27	14258.	21120.
79 430	5730N	15008W	18735.4	32165.0	43005.6	383.	14.0	16800.	5860.	0.3488	6.85	12423.	18920.
79 516	5615N	15309W	18681.0	32723.6	43555.8	372.	13.5	15200.	5199.	0.3421	7.22	11452.	17820.
78 524	5728N	15007W	18734.6	32172.0	43003.9	328.	13.8	16800.	5413.	0.3222	8.02	5907.	12980.
79 426	5550N	15345W	18653.2	32879.9	43830.7	372.	13.0	19200.	5872.	0.3058	6.34	10925.	18040.
78 516	5612N	15319W	18677.5	32751.6	43615.0	355.	15.0	20160.	5965.	0.2959	7.29	16037.	23100.
79 629	5632N	15152W	18699.8	32538.7	43200.7	328.	19.5	18400.	5139.	0.2793	7.09	7530.	13860.
78 5 1	5615N	15249W	18682.5	32692.0	43470.0	317.	17.3	22260.	6117.	0.2748	6.55	4113.	11660.
79 618	5655N	15129W	18716.1	32413.6	43061.1	345.	17.0	19080.	5095.	0.2670	7.37	14153.	20240.
78 428	5556N	15418W	18656.3	32912.8	43975.8	317.	7.3	8268.	1959.	0.2417	7.51	607.	2860.
79 512	5630N	15155W	18698.1	32551.0	43217.5	328.	15.5	15200.	3550.	0.2335	5.88	13426.	17600.
79 429	5614N	15310W	18680.1	32729.2	43564.8	328.	18.1	23520.	5485.	0.2332	7.39	9432.	16280.
78 5 2	5719N	15020W	18730.6	32224.8	42999.9	383.	17.2	22260.	4906.	0.2204	6.86	5370.	10560.
79 425	5517N	15607W	18591.1	33259.2	44700.4	334.	18.5	15200.	3189.	0.2098	5.87	10896.	15840.
79 424	5505N	15651W	18563.3	33388.4	44982.9	410.	16.0	15200.	3122.	0.2054	6.29	21818.	25520.
78 627	5914N	14701W	18749.7	31549.9	43228.1	355.	14.0	20000.	3368.	0.1684	7.67	36684.	40480.
78 427	5603N	15326W	18668.4	32798.3	43686.5	339.	16.3	22260.	3594.	0.1615	6.19	2997.	7700.
78 5 5	5535N	15525W	18623.1	33113.2	44412.6	301.	16.0	22260.	3574.	0.1606	6.52	6199.	10340.
79 5 7	5928N	14501W	18747.8	31405.1	43226.7	437.	14.0	15200.	2332.	0.1534	3.37	9013.	12540.
78 430	5556N	15445W	18653.5	32959.9	44123.6	328.	16.3	22260.	3301.	0.1483	6.68	4694.	8580.
78 5 3	5712N	15045W	18726.7	32285.2	43003.5	301.	19.3	22260.	3239.	0.1455	6.53	6858.	10560.
78 622	5850N	14806W	18750.9	31703.9	43179.2	328.	16.0	20000.	2711.	0.1356	10.17	38429.	41140.
79 430	5528N	15531W	18612.9	33150.6	44466.4	383.	18.3	23520.	2978.	0.1266	5.19	13233.	16720.
79 617	5709N	15102W	18724.8	32319.8	43009.5	306.	16.0	19080.	2003.	0.1050	5.87	23011.	25960.
79 422	5519N	15550W	18597.1	33219.5	44598.5	301.	13.0	15200.	1243.	0.0818	7.38	15045.	16500.
79 5 2	5507N	15710W	18562.4	33419.4	45090.2	98.	12.0	19200.	34.	0.0018	1.93	377.	22440.
79 5 1	5508N	15703W	18565.7	33401.8	45046.8	93.	12.0	16800.	14.	0.0008	1.76	780.	19140.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE C-5. SABLEFISH, JULY-SEPTEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
77 925	5820N	14829W	18749.0	31849.8	43097.3	410.	15.5	14800.	18198.	1.2296	6.42	23870.	42900.
77 923	5838N	14816W	18750.6	31762.9	43145.3	427.	14.8	13320.	14065.	1.0559	7.67	794.	14960.
79 829	5922N	14550W	18748.7	31463.5	43225.2	437.	11.0	16800.	16977.	1.0105	8.15	12179.	29700.
78 827	5446N	15750W	18514.1	33573.6	45365.4	279.	17.0	19200.	17244.	0.8981	6.80	18623.	37180.
79 825	5508N	15617W	18575.4	33310.9	44780.1	328.	11.5	16800.	14910.	0.8875	7.13	25473.	41800.
79 9 2	5928N	14440W	18747.7	31390.4	43221.1	492.	12.0	16800.	14700.	0.8750	9.06	8855.	24200.
77 921	5842N	14803W	18750.8	31734.3	43152.9	410.	16.2	14800.	12519.	0.8459	7.76	1586.	17600.
77 930	5843N	14803W	18750.8	31730.2	43156.0	394.	17.6	14800.	12324.	0.8327	8.00	9201.	22880.
77 927	5846N	14804W	18750.9	31718.7	43165.6	383.	16.2	14800.	11854.	0.8010	7.78	9150.	21780.
79 921	5621N	15233W	18688.7	32643.6	43379.4	372.	18.7	15960.	12563.	0.7872	6.87	14302.	27940.
79 7 5	5606N	15322W	18671.7	32780.0	43655.0	383.	19.0	16800.	12954.	0.7711	7.25	10914.	25080.
79 8 3	5927N	14504W	18747.9	31411.0	43224.9	383.	11.0	17640.	13530.	0.7670	7.58	9360.	23320.
77 929	5912N	14702W	18745.9	31558.8	43222.2	410.	18.7	14800.	10809.	0.7303	7.53	9052.	21340.
78 7 4	5751N	14922W	18742.9	32025.0	43036.5	350.	16.0	20000.	14474.	0.7237	7.08	26602.	42680.
77 928	5913N	14644W	18749.8	31540.4	43218.1	448.	15.3	14800.	10676.	0.7213	6.26	10846.	22000.
79 826	5508N	15641W	18570.4	33357.9	44918.1	328.	11.5	16800.	12115.	0.7211	7.17	19535.	33880.
77 924	5830N	14820W	18750.1	31799.8	43122.8	394.	15.8	14800.	10637.	0.7187	7.68	12236.	24200.
79 8 5	5833N	14819W	18750.3	31786.5	43131.2	410.	11.0	17640.	12601.	0.7143	7.79	10449.	24640.
79 8 8	5751N	14919W	18742.9	32021.7	43036.3	383.	11.0	17640.	12415.	0.7038	6.96	13780.	26620.
77 926	5756N	14903W	18744.3	31983.6	43045.1	394.	15.0	14800.	10398.	0.7025	7.87	15978.	28160.
78 918	5813N	14829W	18748.0	31878.4	43079.4	383.	20.2	20400.	14328.	0.7024	6.48	15444.	30580.
79 9 3	5927N	14458W	18747.9	31406.7	43223.2	492.	12.0	16800.	11747.	0.6992	7.50	17191.	29700.
79 8 7	5753N	14901W	18743.6	31993.6	43039.0	394.	11.0	17640.	12212.	0.6923	8.03	13144.	26620.
78 826	5500N	15706W	18551.4	33438.0	45081.0	273.	18.0	19200.	13197.	0.6873	7.34	15044.	30580.
79 817	5758N	14849W	18744.9	31960.3	43048.0	383.	20.0	26600.	17534.	0.6592	6.27	32092.	30800.
78 823	5505N	15645W	18564.6	33376.5	44948.0	427.	17.0	19200.	12454.	0.6486	8.03	24429.	38280.
79 910	5926N	14511W	18748.1	31419.7	43224.2	437.	13.1	16800.	10769.	0.6410	5.27	28559.	40040.
78 818	5753N	14910W	18743.5	32003.5	43039.6	366.	17.0	17220.	10802.	0.6273	9.06	6411.	18480.
78 815	5842N	14738W	18750.8	31711.4	43144.9	355.	17.0	17220.	10787.	0.6264	9.08	5810.	17820.
79 814	5758N	14849W	18744.9	31960.3	43048.0	383.	17.0	21280.	12934.	0.6078	7.90	16715.	31020.
78 920	5859N	14758W	18750.8	31659.3	43205.2	377.	19.8	20400.	12305.	0.6032	7.86	23947.	37620.
78 8 4	5821N	14828W	18749.1	31844.7	43099.7	399.	17.3	23200.	13804.	0.5950	7.56	11924.	26400.
79 913	5711N	15050W	18726.1	32295.8	43004.9	383.	12.5	16800.	9773.	0.5817	7.08	27119.	38280.
79 830	5922N	14551W	18748.7	31464.2	43225.6	383.	11.0	16800.	9609.	0.5720	6.33	28920.	39820.
78 720	5500N	15658W	18553.3	33419.9	45034.4	328.	19.5	20000.	11210.	0.5605	7.13	38103.	51260.
79 721	5534N	15450W	18626.7	33053.3	44222.4	383.	20.3	18400.	10117.	0.5498	4.89	16749.	27280.
79 7 6	5525N	15540W	18607.3	33176.6	44525.6	366.	21.0	16800.	9151.	0.5447	6.58	13332.	23540.
79 923	5616N	15300W	18682.6	32705.4	43511.5	366.	20.0	15960.	8691.	0.5446	7.19	14102.	24640.
78 825	5450N	15730W	18527.3	33519.0	45240.9	317.	15.0	19200.	10444.	0.5439	8.03	27043.	39380.
79 912	5718N	15025W	18730.1	32235.1	42999.9	355.	13.5	16800.	9046.	0.5384	5.78	15007.	25300.
79 7 4	5643N	15144W	18707.9	32483.3	43132.5	383.	18.0	16800.	9015.	0.5366	7.13	13054.	23540.
79 724	5557N	15443W	18654.8	32952.4	44109.2	355.	16.5	14400.	7449.	0.5173	8.64	4547.	12540.
79 7 1	5449N	15730W	18525.5	33522.4	45242.8	312.	17.4	18400.	9396.	0.5107	8.03	9268.	18920.
79 929	5716N	15040W	18728.8	32262.4	43000.7	372.	19.7	15960.	7684.	0.4815	5.28	22713.	32560.
78 730	5910N	14637W	18750.0	31546.9	43206.5	383.	16.2	23200.	10928.	0.4710	8.61	8823.	20240.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE C-5 (continued). SABLEFISH, JULY-SEPTEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 811	5617N	15301W	18683.4	32703.0	43511.2	399.	13.0	17640.	8290.	0.4700	7.56	4771.	14080.
78 8 5	5810N	14840W	18747.4	31901.9	43073.9	410.	16.1	23200.	10902.	0.4699	7.39	11827.	25080.
79 924	5607N	15324W	18672.4	32779.4	43660.1	339.	18.5	15960.	7297.	0.4572	6.16	21169.	31020.
79 812	5610N	15320W	18675.6	32761.1	43628.4	383.	15.0	17640.	8049.	0.4563	6.97	6545.	15400.
78 928	5733N	14959W	18736.7	32141.8	43008.8	416.	20.0	15990.	7045.	0.4406	6.00	14494.	22000.
78 8 3	5846N	14807W	18750.9	31721.4	43166.8	437.	18.1	23200.	10186.	0.4391	8.58	18040.	28600.
79 7 7	5500N	15700W	18552.8	33423.9	45046.0	372.	20.0	16800.	7173.	0.4269	6.72	9676.	19360.
79 8 9	5739N	14931W	18739.2	32084.3	43016.6	410.	11.0	16800.	7150.	0.4256	6.54	2687.	10340.
79 8 4	5912N	14700W	18749.9	31557.2	43221.4	301.	10.0	17640.	7496.	0.4249	6.85	1224.	12980.
79 7 2	5724N	15009W	18733.0	32190.7	43001.3	372.	18.3	16800.	7049.	0.4196	5.88	7636.	16280.
79 926	5551N	15414W	18651.2	32925.4	43972.7	355.	18.7	15960.	6662.	0.4174	6.20	25491.	33660.
79 8 6	5819N	14827W	18748.9	31851.9	43094.2	399.	10.0	17640.	7289.	0.4132	7.57	16635.	25080.
79 913	5553N	15416W	18653.2	32921.1	43976.0	328.	15.0	21280.	8647.	0.4064	6.88	18252.	28380.
78 816	5827N	14823W	18749.8	31815.1	43115.1	355.	16.0	17220.	6896.	0.4005	7.95	4377.	11660.
79 910	5554N	15400W	18655.9	32889.9	43889.4	301.	15.0	21280.	8269.	0.3886	6.06	12720.	22220.
79 816	5500N	15707W	18551.1	33438.0	45086.8	394.	18.0	17640.	6819.	0.3866	7.12	11759.	20020.
78 930	5745N	14928W	18741.1	32056.4	43025.0	402.	22.0	15990.	6171.	0.3859	6.76	12349.	20020.
78 817	5803N	14845W	18746.1	31935.7	43058.3	355.	16.0	17220.	6599.	0.3832	7.35	3285.	10780.
78 926	5756N	14900W	18744.4	31980.3	43044.9	399.	18.0	15990.	6065.	0.3793	6.91	27290.	35420.
78 919	5827N	14821W	18749.8	31813.1	43114.5	448.	11.0	7650.	2899.	0.3789	7.45	4800.	7920.
78 924	5846N	14804W	18750.9	31718.7	43165.6	410.	18.8	20400.	7711.	0.3780	7.98	13833.	23540.
78 923	5911N	14637W	18750.0	31542.9	43209.4	410.	19.3	20400.	7709.	0.3779	7.81	17620.	25960.
78 824	5502N	15655W	18557.4	33406.9	45012.7	383.	17.0	19200.	7149.	0.3724	6.75	17863.	27060.
79 731	5530N	15530W	18615.7	33141.3	44455.1	355.	16.0	13680.	4879.	0.3567	6.10	4414.	10340.
78 929	5927N	14513W	18748.0	31417.4	43227.5	448.	17.8	20400.	7247.	0.3553	6.95	12700.	20680.
79 8 5	5500N	15704W	18551.8	33432.0	45069.3	383.	13.0	12960.	4539.	0.3502	6.97	6286.	11440.
78 924	5752N	14917W	18743.2	32015.4	43038.1	394.	17.0	15990.	5456.	0.3412	6.88	18206.	24860.
78 814	5902N	14738W	18750.6	31629.6	43205.9	355.	16.0	17220.	5872.	0.3410	7.89	4933.	11440.
78 7 6	5755N	14900W	18744.1	31984.4	43042.8	345.	13.0	19500.	6603.	0.3386	6.46	22963.	30360.
78 921	5859N	14740W	18750.8	31643.7	43197.1	470.	19.6	20400.	6811.	0.3339	7.03	31574.	40920.
79 7 3	5713N	15041W	18727.3	32276.0	43002.3	355.	18.3	16800.	5473.	0.3258	5.07	8172.	15400.
78 731	5911N	14657W	18750.0	31558.9	43217.0	383.	17.0	23200.	7503.	0.3234	7.34	10633.	18920.
79 812	5618N	15227W	18686.6	32646.2	43372.5	437.	15.5	21280.	6861.	0.3224	7.99	2084.	9460.
79 813	5700N	15124W	18719.2	32366.3	43039.8	383.	16.0	21280.	6743.	0.3169	6.45	16037.	23760.
79 829	5448N	15745W	18515.4	33556.6	45332.5	437.	16.2	19950.	6319.	0.3167	6.33	11481.	18260.
79 8 4	5509N	15640W	18572.2	33352.4	44910.0	383.	16.0	14400.	4554.	0.3162	8.04	7211.	12540.
78 922	5910N	14705W	18750.1	31569.4	43217.2	410.	17.8	20400.	6395.	0.3135	7.79	29027.	37840.
79 728	5618N	15256W	18684.6	32691.2	43485.0	355.	18.0	15480.	4815.	0.3110	8.03	6001.	11220.
79 830	5453N	15717W	18538.3	33482.3	45159.3	410.	16.3	19950.	6111.	0.3063	7.10	14313.	21120.
78 8 1	5927N	14534W	18748.0	31432.4	43234.1	383.	16.1	23200.	6870.	0.2961	7.19	2228.	9680.
79 725	5530N	15533W	18615.3	33146.9	44472.0	355.	17.0	14400.	4244.	0.2947	8.37	5729.	10560.
79 723	5604N	15326W	18669.4	32794.4	43682.3	328.	17.0	14400.	4239.	0.2943	6.82	6678.	12100.
79 927	5910N	14646W	18750.1	31554.1	43209.7	383.	16.0	15200.	4455.	0.2931	4.61	16251.	21340.
79 927	5623N	15234W	18690.3	32637.2	43373.3	372.	19.3	15960.	4487.	0.2811	6.00	18910.	25740.
78 925	5857N	14740W	18750.8	31651.9	43190.7	355.	16.3	20400.	5719.	0.2803	6.11	17122.	24200.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE C-5 (continued). SABLEFISH, JULY-SEPTEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
79 929	5914N	14736W	18749.7	31578.2	43244.8	301.	16.0	15200.	4220.	0.2776	4.33	5269.	12320.
79 730	5559N	15419W	18659.4	32902.8	43970.6	328.	16.0	14400.	3955.	0.2746	6.91	6768.	11220.
79 726	5549N	15447W	18645.3	32990.8	44157.2	326.	16.0	13680.	3569.	0.2609	7.82	5768.	9680.
79 8 3	5449N	15455W	18563.7	33222.1	44395.6	328.	11.0	9000.	2282.	0.2536	8.06	4062.	6820.
79 729	5555N	15405W	18656.5	32894.5	43911.2	328.	16.5	14400.	3547.	0.2463	6.20	8227.	12100.
79 916	5545N	15405W	18645.5	32932.9	43948.9	355.	15.0	21280.	4657.	0.2283	5.17	25076.	32340.
78 726	5532N	15423W	18627.9	33012.9	44087.9	355.	16.4	23200.	4658.	0.2094	7.96	4070.	9240.
79 911	5554N	15403W	18655.6	32895.0	43904.7	301.	15.0	21280.	4244.	0.1994	6.44	12181.	18700.
78 727	5800N	14851W	18745.4	31554.3	43052.4	383.	17.0	23200.	4523.	0.1950	7.72	2745.	7920.
79 727	5604N	15324W	18669.6	32791.1	43672.9	328.	16.0	14400.	2450.	0.1701	7.02	5681.	8580.
79 912	5555N	15459W	18650.9	32988.6	44205.9	96.	14.0	21280.	3590.	0.1687	2.10	531.	26400.
78 928	5927N	14454W	18747.9	31403.9	43222.1	410.	16.8	20400.	3325.	0.1630	6.68	7422.	12540.
79 8 1	5517N	15548W	18594.5	33223.0	44592.6	328.	17.0	14400.	2317.	0.1609	6.41	9272.	11880.
79 928	5910N	14714W	18750.1	31576.7	43221.0	355.	17.0	15200.	2330.	0.1533	5.15	2213.	5060.
79 926	5904N	14737W	18750.5	31620.5	43211.9	355.	16.5	15200.	2326.	0.1530	6.50	13568.	16940.
78 7 3	5906N	14740W	18750.4	31614.7	43219.9	312.	14.0	20000.	2986.	0.1493	6.42	18539.	21780.
79 915	5602N	15420W	18662.5	32892.7	43965.5	246.	15.0	21280.	2965.	0.1394	6.17	6539.	23760.
78 8 2	5909N	14722W	18750.2	31587.4	43221.4	437.	16.1	23200.	3045.	0.1312	7.88	6845.	10560.
78 929	5727N	15004W	18734.3	32172.4	43003.2	407.	20.0	15990.	1938.	0.1212	5.29	4334.	7700.
78 729	5846N	14807W	18750.9	31721.4	43166.8	301.	16.4	23200.	2530.	0.1091	7.24	7952.	10780.
78 728	5745N	14910W	18741.3	32036.0	43025.3	301.	15.5	23200.	2489.	0.1073	6.86	7581.	10780.
79 8 2	5513N	15606W	18585.2	33271.8	44704.9	355.	18.0	14400.	1495.	0.1039	8.14	6255.	8140.
79 720	5515N	15600W	18589.4	33253.1	44665.7	328.	16.1	18400.	1536.	0.0835	6.61	16269.	18040.
79 928	5600N	15355W	18662.7	32858.1	43840.9	88.	17.0	15960.	1004.	0.0629	4.10	2413.	60060.
79 915	5544N	15506W	18637.0	33044.1	44278.8	109.	9.5	16300.	991.	0.0590	2.22	1403.	18260.
78 9 6	5453N	15735W	18531.5	33519.1	45264.6	115.	16.3	20000.	889.	0.0445	4.77	378.	16720.
78 715	5459N	15717W	18547.0	33461.7	45147.4	88.	16.0	20000.	629.	0.0314	3.66	758.	16280.
78 9 5	5453N	15735W	18531.5	33519.1	45264.6	115.	15.3	20000.	550.	0.0275	4.32	703.	18700.
79 828	5453N	15733W	18532.1	33515.0	45252.9	98.	15.3	19950.	422.	0.0211	2.39	265.	30580.
78 9 8	5458N	15716W	18549.4	33463.1	45143.5	115.	15.3	20000.	406.	0.0203	4.19	469.	13640.
79 922	5604N	15340W	18668.2	32817.4	43749.8	93.	18.5	15960.	302.	0.0189	3.62	540.	21560.
78 714	5456N	15732W	18538.3	33498.8	45229.0	88.	16.0	20000.	284.	0.0142	2.69	81.	9240.
78 9 8	5453N	15735W	18531.5	33519.1	45264.6	115.	8.5	10000.	116.	0.0116	2.03	154.	3960.
78 9 4	5452N	15735W	18529.7	33522.5	45266.5	126.	16.0	20000.	210.	0.0105	3.13	578.	16060.
78 715	5451N	15743W	18523.6	33542.4	45315.4	98.	16.0	20000.	196.	0.0098	4.92	197.	10560.
78 9 3	5453N	15735W	18531.5	33519.1	45264.6	120.	16.4	20000.	67.	0.0033	3.80	248.	24860.
78 9 2	5453N	15735W	18531.5	33519.1	45264.6	115.	17.0	20000.	66.	0.0033	3.32	499.	24640.
78 717	5509N	15702W	18567.5	33396.2	45038.8	88.	16.2	20000.	60.	0.0030	1.87	39.	18040.
78 9 7	5452N	15736W	18529.4	33524.6	45272.4	115.	15.2	19000.	46.	0.0024	2.93	183.	14520.
79 920	5604N	15340W	18668.2	32817.4	43749.8	88.	17.1	15960.	32.	0.0020	3.96	611.	31240.
78 720	5449N	15754W	18518.8	33571.9	45383.8	82.	17.3	23200.	37.	0.0016	4.18	227.	18700.
78 715	5454N	15750W	18529.4	33548.7	45351.5	82.	18.1	23200.	17.	0.0007	1.65	31.	18040.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE C-6. SABLEFISH, OCTOBER-DECEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	********	*********	**********	*********	********	********
791213	5554N	15436W	18652.2	32951.9	44080.2	372.	12.0	15960.	32983.	2.0666	7.02	2534.	36300.
791212	5621N	15234W	18688.7	32645.1	43383.1	410.	15.5	15960.	26112.	1.6361	7.40	12287.	39160.
7912 2	5927N	14457W	18747.9	31406.0	43222.9	317.	15.3	15960.	24745.	1.5505	7.35	14237.	40040.
7912 7	5923N	14551W	18748.6	31460.3	43228.4	448.	16.0	15960.	23595.	1.4784	7.27	16961.	41140.
791126	5820N	14827W	18749.0	31847.9	43096.8	437.	15.2	15960.	20392.	1.2777	8.27	14330.	35420.
7811 8	5839N	14813W	18750.7	31756.0	43147.3	355.	17.0	14400.	17065.	1.1851	7.48	18702.	36520.
791130	5912N	14700W	18749.9	31557.2	43221.4	372.	14.6	15960.	18319.	1.1478	4.79	17921.	37180.
7811 7	5910N	14718W	18750.1	31580.0	43222.8	355.	19.0	14400.	15603.	1.0975	6.16	11830.	29260.
791214	5522N	15527W	18605.2	33165.4	44461.4	394.	13.0	15960.	17446.	1.0931	5.45	12413.	31020.
771030	5911N	14647W	18750.0	31550.9	43213.1	405.	12.5	18480.	19670.	1.0649	8.11	3122.	24200.
7912 6	5927N	14459W	18747.9	31407.4	43223.5	339.	13.0	15960.	15694.	0.9959	6.84	14309.	30800.
7811 5	5912N	14649W	18749.9	31548.4	43216.9	355.	17.5	14400.	14113.	0.9800	7.48	23975.	39160.
7811 6	5852N	14804W	18750.9	31693.8	43184.8	355.	21.0	14400.	14073.	0.9773	8.36	13459.	27940.
791025	5828N	14828W	18749.9	31815.9	43119.3	369.	17.5	18800.	17548.	0.9334	5.52	8836.	30580.
781029	5713N	15046W	18727.2	32282.4	43002.7	328.	15.0	10800.	10037.	0.9294	6.82	8343.	19580.
771012	5850N	14802W	18750.9	31700.3	43177.5	451.	15.0	18480.	16716.	0.9046	8.27	3543.	20680.
791126	5644N	15145W	18708.5	32480.7	43329.9	383.	14.0	15200.	13386.	0.8807	6.46	6571.	21340.
781014	5818N	14826W	18748.7	31855.0	43091.4	383.	19.0	14000.	11684.	0.8488	4.83	18847.	33440.
781017	5750N	14917W	18742.7	32023.5	43034.3	383.	21.0	14000.	11857.	0.8469	6.86	12098.	25740.
781019	5904N	14733W	18750.5	31617.1	43210.1	383.	18.0	14000.	11766.	0.8404	6.24	8545.	28160.
7811 3	5914N	14640W	18749.7	31533.3	43219.5	355.	17.5	14400.	11941.	0.8293	7.81	14252.	29480.
781018	5840N	14804W	18750.7	31743.4	43147.2	383.	20.0	14000.	11455.	0.8182	7.13	4842.	16940.
7710 8	5928N	14452W	18747.8	31398.7	43224.2	424.	17.4	20000.	15904.	0.7952	7.65	25870.	42460.
7912 9	5911N	14650W	18750.0	31553.3	43214.3	454.	15.2	15960.	12675.	0.7942	8.15	20931.	34320.
791012	5916N	14651W	18749.5	31533.9	43230.1	301.	16.5	15960.	12382.	0.7758	5.29	19121.	35860.
771030	5926N	14517W	18748.1	31424.0	43226.0	410.	11.5	8800.	6789.	0.7714	7.41	9233.	17160.
791026	5804N	14842W	18746.3	31928.5	43060.1	437.	17.4	17390.	13114.	0.7541	5.40	17120.	34320.
781031	5808N	14845W	18747.0	31915.3	43069.3	328.	18.0	14400.	10463.	0.7265	7.70	18248.	29700.
791018	5915N	14638W	18749.6	31527.7	43221.6	312.	19.1	15960.	11561.	0.7244	3.43	9885.	30580.
771025	5850N	14801W	18750.9	31699.4	43177.1	424.	17.5	18480.	12720.	0.6883	8.05	5290.	18700.
791130	5557N	15417W	18657.4	32907.2	43966.9	328.	14.0	15200.	10351.	0.6810	7.27	6137.	17160.
7811 4	5927N	14504W	18747.9	31411.0	43224.9	355.	20.5	14400.	9784.	0.6795	7.70	4990.	17820.
781013	5910N	14716W	18750.1	31578.3	43221.9	437.	18.0	14000.	9375.	0.6697	7.86	24094.	36960.
771013	5928N	14518W	18747.8	31417.1	43231.8	427.	17.3	20000.	13372.	0.6686	6.60	8178.	23980.
771020	5815N	14828W	18748.3	31869.2	43084.1	429.	12.8	18480.	12145.	0.6572	7.83	2714.	15620.
791130	5558N	15437W	18656.5	32937.9	44072.5	328.	14.0	15200.	9969.	0.6558	6.19	1969.	13860.
791019	5911N	14732W	18750.0	31587.3	43232.7	295.	17.5	15960.	10456.	0.6551	3.73	6810.	24420.
791013	5912N	14711W	18749.9	31568.1	43226.1	284.	18.2	15960.	10383.	0.6506	5.14	10970.	25080.
781030	5723N	15014W	18732.5	32201.0	43000.8	328.	19.5	14400.	9184.	0.6378	7.48	8013.	17820.
791012	5840N	14806W	18750.7	31745.3	43147.9	339.	11.3	21600.	13504.	0.6252	7.65	8601.	23980.
771021	5810N	14839W	18747.4	31900.9	43073.7	446.	12.0	18480.	11169.	0.6044	7.57	4456.	16280.
791C 5	5555N	15338W	18659.2	32849.0	43776.8	355.	18.7	15960.	9451.	0.5922	6.64	30588.	44000.
791026	5616N	15300W	18682.6	32705.4	43511.5	383.	16.0	20000.	11638.	0.5819	7.55	15548.	28820.
791014	5911N	14730W	18750.0	31585.7	43231.7	284.	18.1	15960.	9402.	0.5891	4.77	14427.	29920.
771027	5911N	14701W	18750.0	31562.1	43218.7	418.	13.0	18480.	10843.	0.5867	6.71	2574.	14300.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE C-6 (continued). SABLEFISH, OCTOBER-DECEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
791022	5623N	15233W	18690.4	32635.7	43369.6	366.	15.0	20000.	11255.	0.5627	6.11	7146.	19800.
791015	5906N	14737W	18750.4	31612.2	43218.5	295.	19.5	14820.	7953.	0.5367	4.93	9277.	21560.
771023	5755N	14901W	18744.1	31985.5	43042.9	418.	11.5	18480.	9658.	0.5334	8.41	3577.	14080.
771019	5824N	14826W	18749.5	31830.4	43107.5	405.	12.5	18480.	9574.	0.5181	8.17	2333.	12760.
771021	5800N	14850W	18745.4	31953.2	43052.3	396.	14.3	18480.	9195.	0.4976	6.79	1845.	11660.
791011	5849N	14806W	18750.9	31708.0	43176.0	334.	11.0	21600.	10246.	0.4744	6.31	24588.	36080.
771027	5907N	14727W	18750.3	31599.7	43217.1	446.	13.3	18480.	8585.	0.4645	7.66	3849.	12980.
791009	5816N	14827W	18748.4	31864.1	43086.5	366.	11.3	21600.	9960.	0.4611	6.53	12562.	24200.
781122	5448N	15730W	18523.6	33525.7	45244.7	334.	14.0	11520.	5218.	0.4529	8.16	19485.	25960.
771006	5853N	14802W	18750.9	31687.8	43187.2	437.	9.3	14080.	6269.	0.4467	7.97	2362.	9460.
771004	5753N	14911W	18743.5	32004.6	43039.7	375.	12.3	18480.	8016.	0.4338	7.80	3762.	12760.
771008	5858N	14754W	18750.8	31659.9	43200.0	437.	13.3	18480.	7835.	0.4240	6.75	3608.	12540.
771024	5813N	14832W	18748.0	31881.5	43079.9	432.	13.3	18480.	7671.	0.4151	7.54	6072.	14740.
791014	5851N	14807W	18750.9	31700.6	43182.9	317.	11.5	21600.	8712.	0.4033	4.69	7702.	20460.
791010	5756N	14900W	18744.4	31980.3	43044.9	339.	11.3	21600.	8676.	0.4016	6.77	9383.	20240.
781001	5912N	14636W	18749.9	31538.1	43212.1	383.	18.0	20400.	8150.	0.3995	7.32	11333.	20240.
791128	5659N	15123W	18716.7	32389.0	43042.1	383.	14.0	15200.	6023.	0.3962	6.96	8460.	14960.
791006	5554N	15405W	18655.4	32898.4	43915.0	366.	18.9	15960.	6312.	0.3955	6.54	16597.	24860.
791007	5744N	14934W	18740.7	32067.4	43024.3	334.	10.9	21600.	8505.	0.3937	4.24	9045.	21780.
791024	5628N	15205W	18696.0	32573.7	43253.7	339.	16.5	20000.	7527.	0.3764	4.32	9215.	18920.
781001	5912N	14703W	18749.9	31559.6	43222.6	410.	23.2	20400.	7463.	0.3658	6.73	12895.	21120.
771028	5859N	14744W	18750.8	31647.1	43198.8	446.	14.5	18480.	6653.	0.3600	6.99	10556.	17820.
791006	5709N	15058W	18724.9	32314.5	43008.6	377.	10.5	21600.	7775.	0.3600	5.78	28990.	38060.
791018	5802N	14846W	18745.8	31940.8	43056.2	345.	12.5	21600.	7241.	0.3352	5.75	8728.	19800.
791030	5702N	15110W	18720.8	32359.1	43025.8	388.	17.0	20000.	6594.	0.3297	6.24	14752.	22440.
791029	5615N	15251W	18682.4	32695.2	43478.2	394.	0.0	12000.	3928.	0.3273	4.10	3489.	7700.
771011	5834N	14819W	18750.4	31782.3	43134.2	410.	14.0	18480.	6026.	0.3261	9.32	2476.	9020.
791017	5817N	14829W	18748.6	31862.1	43089.4	306.	12.8	21600.	6872.	0.3181	5.17	10810.	19360.
791028	5611N	15318W	18676.7	32753.9	43614.7	388.	10.0	15000.	4740.	0.3160	8.46	6997.	12760.
791004	5619N	15228W	18687.4	32643.8	43371.1	399.	11.7	21600.	6532.	0.3024	6.20	6994.	15400.
791016	5916N	14658W	18749.5	31539.4	43233.1	284.	18.2	15960.	4824.	0.3022	3.33	10356.	17820.
771013	5845N	14801W	18750.9	31720.1	43161.4	424.	14.0	16280.	4888.	0.3002	10.99	7872.	12760.
791013	5829N	14820W	18750.0	31803.9	43119.9	328.	11.7	21600.	6344.	0.2937	5.28	20820.	29260.
791021	5710N	15100W	18725.3	32313.0	43007.7	388.	16.0	20000.	5567.	0.2783	4.21	21277.	27720.
771005	5905N	14735W	18750.5	31614.6	43214.3	364.	11.5	18480.	4846.	0.2622	7.60	1925.	7700.
791016	5835N	14820W	18750.5	31779.2	43137.5	323.	12.1	21600.	5549.	0.2569	5.32	6196.	19140.
791011	5913N	14635W	18749.8	31533.3	43214.7	372.	16.7	15960.	3974.	0.2490	3.65	24383.	28820.
781001	5707N	15101W	18723.8	32326.7	43012.4	437.	23.0	15990.	3948.	0.2469	5.86	20482.	25300.
791124	5628N	15203W	18696.2	32570.7	43248.2	383.	14.0	15200.	3749.	0.2466	6.32	1831.	9020.
791031	5721N	15011W	18731.7	32205.4	43000.2	399.	17.0	20000.	4745.	0.2373	6.54	8688.	15180.
781012	5912N	14642W	18749.9	31542.9	43214.3	410.	21.0	14000.	3299.	0.2356	4.31	8142.	12100.
791122	5559N	15331W	18664.0	32822.0	43726.9	191.	13.0	15200.	3581.	0.2356	5.44	3058.	13200.
791217	5457N	15715W	18543.9	33464.6	45139.6	126.	18.2	15960.	3740.	0.2343	4.80	432.	29480.
781005	5927N	14513W	18748.0	31417.4	43227.5	424.	29.3	20400.	4364.	0.2139	6.53	6932.	12320.
771015	5840N	14808W	18750.7	31747.2	43148.6	410.	13.0	18480.	3739.	0.2023	8.29	1471.	6380.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE C-6 (continued). SABLEFISH, OCTOBER-DECEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	********	********	**********	*********	********	********
791019	5722N	15041W	18731.5	32239.0	43000.1	120.	8.2	21600.	4182.	0.1936	2.23	540.	25960.
791017	5912N	14720W	18749.9	31573.4	43230.2	437.	20.4	15960.	3017.	0.1890	5.93	13845.	18260.
791027	5637N	15147W	18703.6	32511.6	43166.0	372.	21.0	20000.	3669.	0.1835	4.54	12792.	17160.
791003	5631N	15153W	18699.0	32544.1	43207.6	388.	11.1	21600.	3958.	0.1833	5.05	13789.	20020.
791005	5454N	15731W	18534.4	33507.5	45239.3	109.	18.0	15200.	2690.	0.1770	2.12	721.	24200.
771010	5747N	14927W	18741.7	32047.1	43029.3	396.	16.3	18480.	3024.	0.1636	6.21	670.	4180.
771007	5849N	14805W	18750.9	31707.1	43175.5	451.	9.5	15400.	2494.	0.1619	8.21	1412.	5060.
791025	5554N	15402W	18655.7	32893.2	43899.6	394.	16.0	20000.	3177.	0.1589	5.18	4417.	5900.
781003	5846N	14803W	18750.9	31717.8	43165.2	407.	18.9	20400.	3076.	0.1508	7.81	34057.	38500.
771017	5851N	14759W	18750.9	31693.4	43179.5	451.	15.8	18480.	2178.	0.1179	7.90	1520.	4400.
791007	5559N	15357W	18661.5	32865.3	43855.0	93.	17.5	15960.	1813.	0.1136	2.43	839.	34100.
791321	5557N	15337W	18661.4	32839.6	43763.8	109.	12.0	15200.	1631.	0.1073	2.57	193.	7480.
791023	5615N	15250W	18682.4	32693.6	43474.1	246.	7.0	8000.	839.	0.1048	6.58	2027.	3080.
791003	5503N	15711W	18555.4	33435.6	45104.1	109.	18.0	15200.	1589.	0.1046	2.61	254.	27940.
791125	5619N	15301W	18685.1	32695.1	43502.0	164.	12.0	15200.	1436.	0.0944	2.92	469.	7920.
791023	5500N	15710W	18550.4	33444.1	45104.3	98.	12.5	15750.	1384.	0.0879	2.40	440.	14520.
791101	5525N	15614W	18601.7	33243.3	44721.0	109.	17.5	17500.	1373.	0.0785	2.97	618.	18920.
791123	5602N	15331W	18667.0	32810.4	43714.4	109.	12.0	15200.	1190.	0.0783	2.63	306.	11880.
781010	5450N	15751W	18521.5	33562.3	45364.3	101.	16.0	13940.	976.	0.0700	3.56	391.	30580.
791028	5507N	15702W	18564.2	33403.3	45043.0	112.	14.5	18800.	1127.	0.0600	4.03	743.	40480.
791113	5508N	15702W	18565.9	33399.8	45040.9	93.	16.0	19600.	851.	0.0434	2.56	730.	28820.
781101	5808N	14843W	18747.0	31913.2	43069.5	465.	21.0	14400.	517.	0.0359	6.60	24635.	25740.
791215	5500N	15712W	18549.9	33448.1	45116.1	115.	15.5	15960.	548.	0.0343	3.49	112.	27500.
791002	5603N	15340W	18667.2	32821.3	43753.8	88.	15.3	15960.	486.	0.0305	2.68	790.	33220.
791104	5555N	15335W	18659.5	32844.0	43762.5	109.	16.5	18000.	445.	0.0247	3.27	294.	30140.
781015	5450N	15749W	18522.1	33558.2	45352.5	104.	16.0	19200.	468.	0.0244	4.84	1624.	15840.
781007	5455N	15734W	18535.5	33510.2	45255.0	84.	17.0	15990.	300.	0.0188	2.20	704.	27720.
791202	5442N	15752W	18505.8	33590.9	45384.0	109.	13.0	15200.	263.	0.0173	3.23	279.	5940.
781006	5451N	15746W	18524.8	33548.6	45333.0	82.	19.0	15990.	202.	0.0126	1.98	1200.	27060.
791004	5552N	15734W	18629.2	33297.0	45157.2	115.	18.0	15200.	180.	0.0119	3.26	296.	26840.
791102	5516N	15630W	18585.3	33307.5	44835.7	82.	15.0	19600.	172.	0.0088	3.08	1561.	23980.
791031	5526N	15627W	18601.0	33264.7	44795.0	98.	14.5	19600.	120.	0.0061	2.75	1166.	27280.
791114	5501N	15717W	18550.5	33454.8	45143.4	88.	15.0	19600.	77.	0.0039	2.79	684.	27940.
791105	5529N	15628W	18605.2	33255.4	44794.1	98.	18.0	19000.	44.	0.0023	2.36	615.	39380.
781009	5448N	15755W	18516.5	33577.3	45391.4	98.	12.0	9430.	16.	0.0017	2.20	647.	25300.
791028	5528N	15632W	18603.1	33267.0	44820.1	88.	15.0	19600.	31.	0.0016	2.53	1554.	38060.
791106	5527N	15630W	18601.0	33278.6	44846.1	93.	12.0	14500.	23.	0.0016	2.20	428.	22220.
791025	5529N	15631W	18604.8	33261.3	44811.9	98.	18.0	19600.	19.	0.0010	2.20	1017.	33880.
791024	5525N	15635W	18598.1	33284.1	44844.6	98.	14.5	21000.	19.	0.0009	3.30	1725.	35420.
791107	5527N	15632W	18601.6	33270.7	44822.4	93.	9.0	11500.	9.	0.0008	1.98	695.	18920.
791025	5522N	15629W	18594.6	33283.5	44816.0	93.	14.5	16450.	12.	0.0007	1.98	1872.	34980.
791026	5528N	15638W	18602.1	33278.7	44855.9	88.	15.5	19600.	13.	0.0006	2.20	1449.	36080.
781005	5456N	15736W	18538.8	33510.9	45265.0	69.	16.0	15990.	5.	0.0003	1.32	421.	25520.
781004	5455N	15734W	18535.5	33510.2	45255.0	66.	16.0	15990.	4.	0.0003	1.76	344.	29920.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

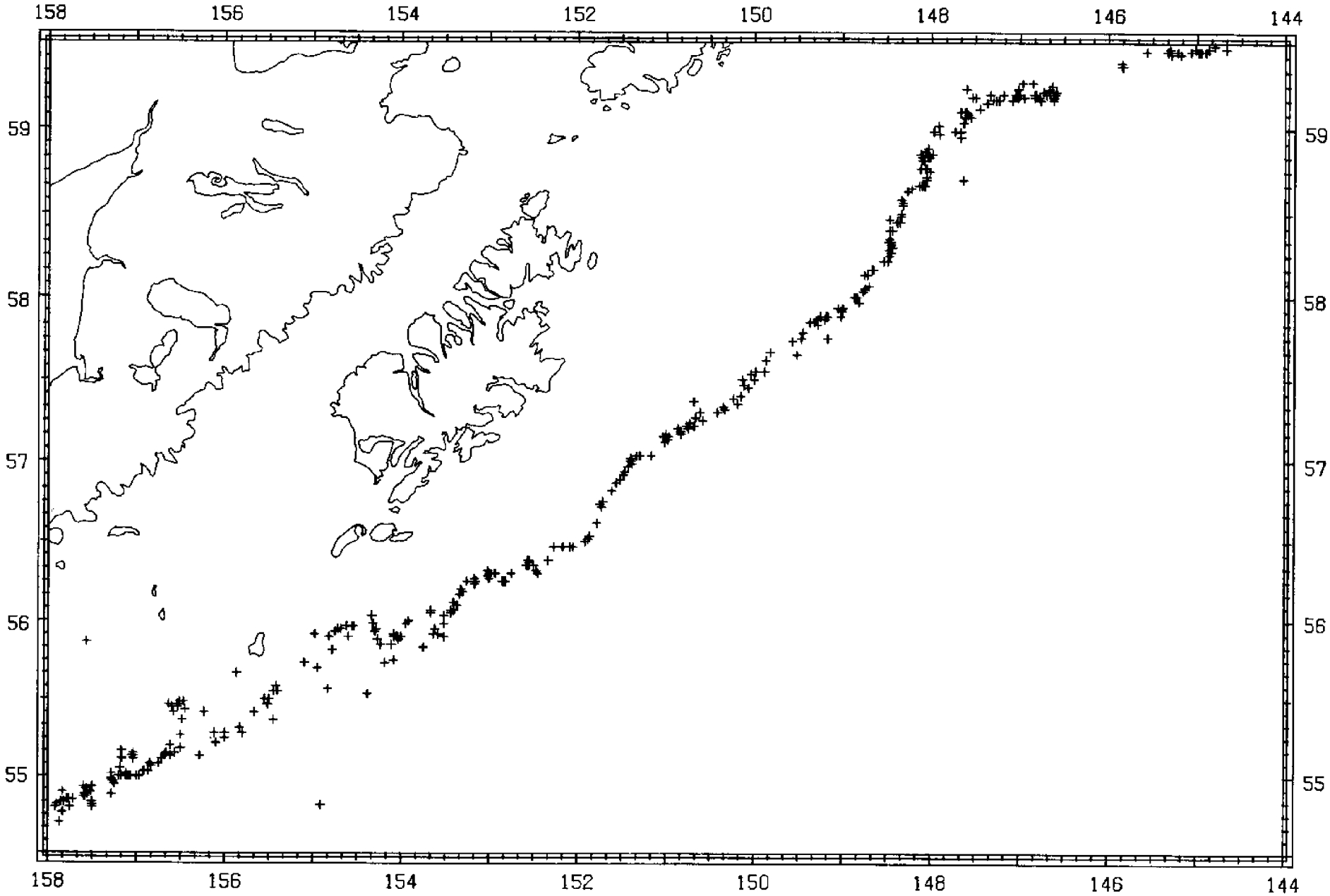


FIGURE C-1. SABLEFISH, ALL MONTHS, 1977-1979

TABLE C-7. PACIFIC COD, JANUARY-MARCH

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	*******	*******	*******	*****	*****	********	********	**********	********	*******	*******
78 2 1	5618N	1530CW	18684.3	32697.5	43502.2	350.	12.0	5400.	88.	0.0163	6.16	320.	3960.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE C-8. PACIFIC COD, APRIL-JUNE

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	*******	*******	*******	*****	*****	********	********	**********	********	*******	*******
79 5 2	5507N	15710W	18562.4	33419.4	45090.2	98.	12.0	19200.	21020.	1.0948	5.97	377.	22440.
79 5 1	5508N	15703W	18565.7	33401.8	45046.8	93.	12.0	16800.	18069.	1.0755	5.72	780.	19140.
78 513	5458N	15724W	18543.5	33479.4	45190.5	107.	18.5	19200.	17146.	0.8930	7.77	447.	17600.
79 514	5618N	15256W	18684.6	32691.2	43485.0	355.	14.5	15200.	18.	0.0012	3.08	10299.	19800.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

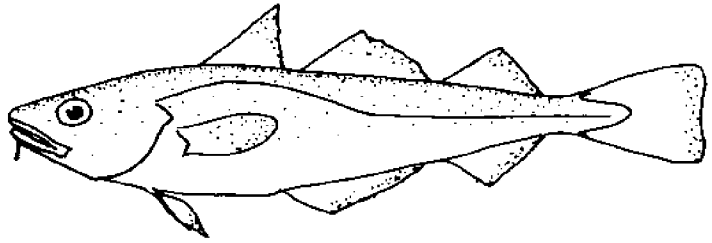


TABLE C-9. PACIFIC COD, JULY-SEPTEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
79 928	5600N	15355W	18662.7	32858.1	43840.9	88.	17.0	15960.	51642.	3.2357	8.87	2413.	60060.
78 820	5500N	15719W	18548.2	33462.3	45157.2	66.	16.0	17220.	44263.	2.5705	5.50	1454.	46420.
79 920	5604N	15340W	18668.2	32817.4	43749.8	88.	17.1	15960.	28993.	1.8166	9.07	611.	31240.
79 828	5453N	15733W	18532.1	33515.0	45252.9	98.	15.3	19950.	29412.	1.4743	9.71	265.	30580.
79 925	5604N	15343W	18667.9	32822.4	43764.8	93.	17.7	15960.	20225.	1.2672	8.77	305.	22000.
79 922	5604N	15340W	18668.2	32817.4	43749.8	93.	18.5	15960.	19605.	1.2284	8.12	540.	21560.
78 717	5449N	15752W	18519.3	33567.8	45371.9	77.	18.0	23200.	28380.	1.2233	5.86	0.	28380.
78 9 3	5453N	15735W	18531.5	33519.1	45264.6	120.	16.4	20000.	24085.	1.2042	8.49	248.	24860.
78 716	5500N	15718W	18548.5	33460.3	45151.3	88.	15.9	20000.	23517.	1.1758	6.14	243.	23760.
78 9 2	5453N	15735W	18531.5	33519.1	45264.6	115.	17.0	20000.	23479.	1.1740	7.06	499.	24640.
79 912	5555N	15459W	18650.9	32988.6	44205.9	98.	14.0	21280.	20531.	0.9648	4.75	531.	26400.
78 722	5450N	15753W	18521.0	33566.5	45376.1	82.	16.1	23200.	22379.	0.9646	5.35	76.	22660.
78 718	5446N	15755W	18512.7	33584.0	45394.8	77.	20.1	23200.	20709.	0.8926	6.26	101.	20900.
78 723	5450N	15755W	18520.4	33570.6	45388.0	82.	17.1	23200.	20698.	0.8921	5.74	202.	20900.
78 717	5509N	15702W	18567.5	33396.2	45038.8	88.	16.2	20000.	17676.	0.8838	5.44	39.	18040.
79 515	5544N	15506W	18637.0	33044.1	44278.8	109.	9.5	16800.	14585.	0.8681	5.56	1403.	18260.
78 5 5	5453N	15735W	18531.5	33519.1	45264.6	115.	15.3	20000.	16263.	0.8132	8.40	703.	18700.
78 720	5449N	15754W	18518.8	33571.9	45383.8	82.	17.3	23200.	18398.	0.7930	6.83	227.	18700.
78 719	5454N	15750W	18529.4	33546.7	45351.5	82.	18.1	23200.	17703.	0.7630	5.86	31.	18040.
78 715	5459N	15717W	18547.0	33461.7	45147.4	88.	16.0	20000.	14861.	0.7430	5.46	758.	16280.
78 9 6	5453N	15735W	18531.5	33519.1	45264.6	115.	16.3	20000.	14268.	0.7134	7.39	378.	16720.
78 9 4	5452N	15735W	18529.7	33522.5	45266.5	126.	16.0	20000.	14088.	0.7044	7.78	578.	16060.
78 9 7	5452N	15736W	18529.4	33524.6	45272.4	115.	15.2	19000.	13301.	0.7001	7.79	183.	14520.
78 718	5450N	15719W	18530.3	33496.6	45176.9	88.	15.0	20000.	13488.	0.6744	6.22	139.	13860.
78 722	5501N	15717W	18550.5	33454.8	45143.4	77.	15.8	20000.	13255.	0.6628	5.68	86.	13420.
78 719	5457N	15726W	18541.2	33487.0	45204.2	77.	16.5	20000.	13147.	0.6574	5.38	53.	13200.
78 9 8	5458N	15716W	18545.4	33463.1	45143.5	115.	15.3	20000.	12122.	0.6061	7.98	469.	13640.
78 715	5451N	15743W	18525.6	33542.4	45315.4	98.	16.0	20000.	9989.	0.4994	6.78	197.	10560.
79 930	5727N	15006W	18734.3	32174.8	43003.2	383.	18.5	15960.	7405.	0.4640	5.30	18762.	29480.
78 714	5456N	15730W	18538.3	33498.6	45229.6	88.	16.0	20000.	8654.	0.4327	5.85	81.	9240.
78 9 8	5453N	15735W	18531.5	33519.1	45264.6	115.	8.5	10000.	3631.	0.3631	7.51	154.	3960.
79 915	5602N	15420W	18682.5	32892.7	43965.5	246.	15.0	21280.	6618.	0.3110	6.86	6539.	23760.
79 8 4	5912N	14700W	18749.9	31557.2	43221.4	301.	10.0	17640.	228.	0.0129	7.19	1224.	12980.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE C-10. PACIFIC COD, OCTOBER-DECEMBER

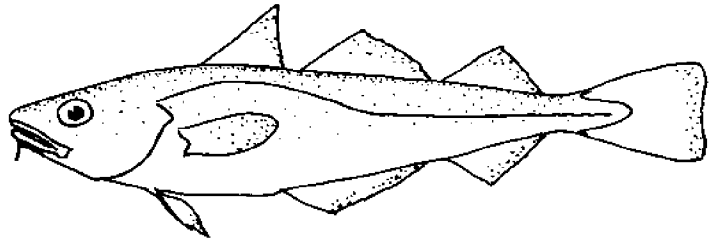
DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
7910 3	5558N	15359W	18660.3	32872.6	43669.0	93.	18.5	15960.	41293.	2.5873	9.75	600.	49500.
781C 9	5448N	15755W	18516.5	33577.3	45391.4	98.	12.0	9430.	24286.	2.5754	8.14	647.	25300.
781010	5450N	15751W	18521.5	33562.3	45364.3	101.	16.0	13940.	28775.	2.0642	7.70	391.	30580.
7911 5	5529N	15628W	18605.2	33255.4	44794.1	98.	18.0	19000.	38605.	2.0318	7.67	615.	39380.
791025	5522N	15629W	18594.6	33283.5	44816.0	93.	14.5	16450.	32647.	1.9846	8.14	1872.	34980.
791028	5507N	15702W	18564.2	33403.3	45043.0	112.	14.5	18800.	35060.	1.8649	8.35	743.	40480.
791028	5528N	15632W	18603.1	33267.0	44820.1	88.	15.0	19600.	36288.	1.8514	10.63	1554.	38060.
781C 4	5455N	15734W	18535.5	33510.2	45255.0	66.	16.0	15990.	29532.	1.8459	6.16	344.	29920.
791030	5444N	15758W	18507.9	33596.9	45415.8	85.	14.0	18800.	33367.	1.7749	8.25	1387.	35420.
791026	5528N	15638W	18602.1	33278.7	44855.9	88.	15.5	19600.	34193.	1.7446	8.86	1449.	36080.
791C 4	5552N	15734W	18629.2	33297.0	45157.2	115.	18.0	15200.	25873.	1.7022	9.51	296.	26840.
791027	5527N	15640W	18600.3	33288.4	44870.0	82.	15.0	19600.	32561.	1.6613	7.06	897.	33660.
791C 2	5603N	15340W	18667.2	32821.3	43753.8	88.	15.3	15960.	26457.	1.6577	8.57	750.	33220.
781C 7	5455N	15734W	18535.5	33510.2	45255.0	84.	17.0	15990.	26486.	1.6564	7.70	704.	27720.
791029	5529N	15631W	18604.8	33261.3	44811.9	98.	18.0	19600.	32385.	1.6523	8.77	1017.	33880.
791C 3	5503N	15711W	18555.4	33435.6	45104.1	109.	18.0	15200.	24840.	1.6342	8.63	254.	27940.
7911 4	5555N	15335W	18659.5	32844.0	43762.5	109.	16.5	18000.	28978.	1.6099	6.13	294.	30140.
791215	5500N	15712W	18549.9	33448.1	45116.1	115.	15.5	15960.	25562.	1.6016	5.48	112.	27500.
781C 6	5451N	15746W	18524.8	33548.6	45333.0	82.	19.0	15990.	25593.	1.6006	7.26	1200.	27060.
7911 7	5527N	15632W	18601.6	33270.7	44822.4	93.	9.0	11500.	18164.	1.5795	5.08	695.	18920.
781C 5	5456N	15736W	18536.8	33510.9	45265.0	69.	16.0	15990.	25076.	1.5682	6.60	421.	25520.
791024	5525N	15635W	18598.1	33284.1	44844.6	98.	14.5	21000.	32904.	1.5668	7.34	1725.	35420.
7810 3	5454N	15733W	18533.9	33511.6	45251.0	79.	18.0	15990.	24530.	1.5341	6.60	178.	24860.
791C 4	5559N	15355W	18661.7	32862.0	43844.8	82.	17.8	15960.	23903.	1.4977	8.43	499.	27940.
7911 6	5527N	15636W	18601.0	33278.6	44846.1	93.	12.0	14500.	21626.	1.4914	7.64	428.	22220.
791217	5457N	15715W	18543.9	33464.6	45139.6	126.	18.2	15960.	23697.	1.4848	8.33	432.	29480.
7910 7	5559N	15357W	18661.5	32865.3	43855.0	93.	17.5	15960.	21983.	1.3774	8.44	839.	34100.
791114	5501N	15717W	18550.5	33454.8	45143.4	88.	15.0	19600.	26781.	1.3664	6.35	684.	27940.
791113	5508N	15702W	18565.9	33399.8	45040.9	93.	16.0	19600.	26621.	1.3582	6.63	730.	28820.
7910 5	5454N	15731W	18534.4	33507.5	45239.3	109.	18.0	15200.	20188.	1.3281	6.15	721.	24200.
791031	5526N	15627W	18601.0	33264.7	44795.0	98.	14.5	19600.	25564.	1.3043	6.36	1166.	27280.
791030	5530N	15629W	18606.5	33253.6	44797.8	98.	17.0	19600.	25392.	1.2955	7.37	696.	26400.
7911 2	5516N	15630W	18585.3	33307.5	44835.7	82.	15.0	19600.	21793.	1.1119	7.03	1561.	23980.
791019	5722N	15041W	18731.5	32239.0	43000.1	120.	8.2	21600.	20471.	0.9477	6.03	540.	25960.
7911 1	5525N	15614W	18601.7	33243.3	44721.0	109.	17.5	17500.	15669.	0.8953	6.97	618.	18920.
791023	5500N	15710W	18550.4	33444.1	45104.3	98.	12.5	15750.	11188.	0.7103	5.28	440.	14520.
781015	5450N	15749W	18522.1	33558.2	45352.5	104.	16.0	19200.	13032.	0.6788	6.64	1624.	15840.
791123	5602N	15331W	18667.0	32810.4	43714.4	109.	12.0	15200.	9887.	0.6505	8.09	306.	11880.
7910 8	5615N	15301W	18681.6	32710.9	43520.4	372.	19.1	15960.	6744.	0.4225	7.72	31041.	39160.
791010	5735N	14952W	18737.5	32125.3	43011.2	366.	20.0	15960.	6426.	0.4026	5.45	14320.	22440.
791122	5559N	15331W	18664.0	32822.0	43726.9	191.	13.0	15200.	5820.	0.3829	7.46	3058.	13200.
7912 2	5442N	15752W	18505.8	33590.9	45384.0	109.	13.0	15200.	5205.	0.3424	5.58	279.	5940.
791125	5619N	15301W	18685.1	32695.1	43502.0	164.	12.0	15200.	4809.	0.3163	8.45	469.	7920.
791121	5557N	15337W	18661.4	32839.6	43763.8	109.	12.0	15200.	4218.	0.2775	6.10	193.	7480.
791018	5915N	14638W	18749.6	31527.7	43221.8	312.	19.1	15960.	443.	0.0277	5.59	9885.	30580.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE C-10 (continued) PACIFIC COD, OCTOBER-DECEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
7811 3	5914N	14640W	18749.7	31533.3	43219.5	355.	17.5	14400.	26.	0.0018	7.04	14252.	29480.
791013	5912N	14711W	18749.9	31566.1	43226.1	284.	18.2	15960.	29.	0.0018	8.36	10970.	25080.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***



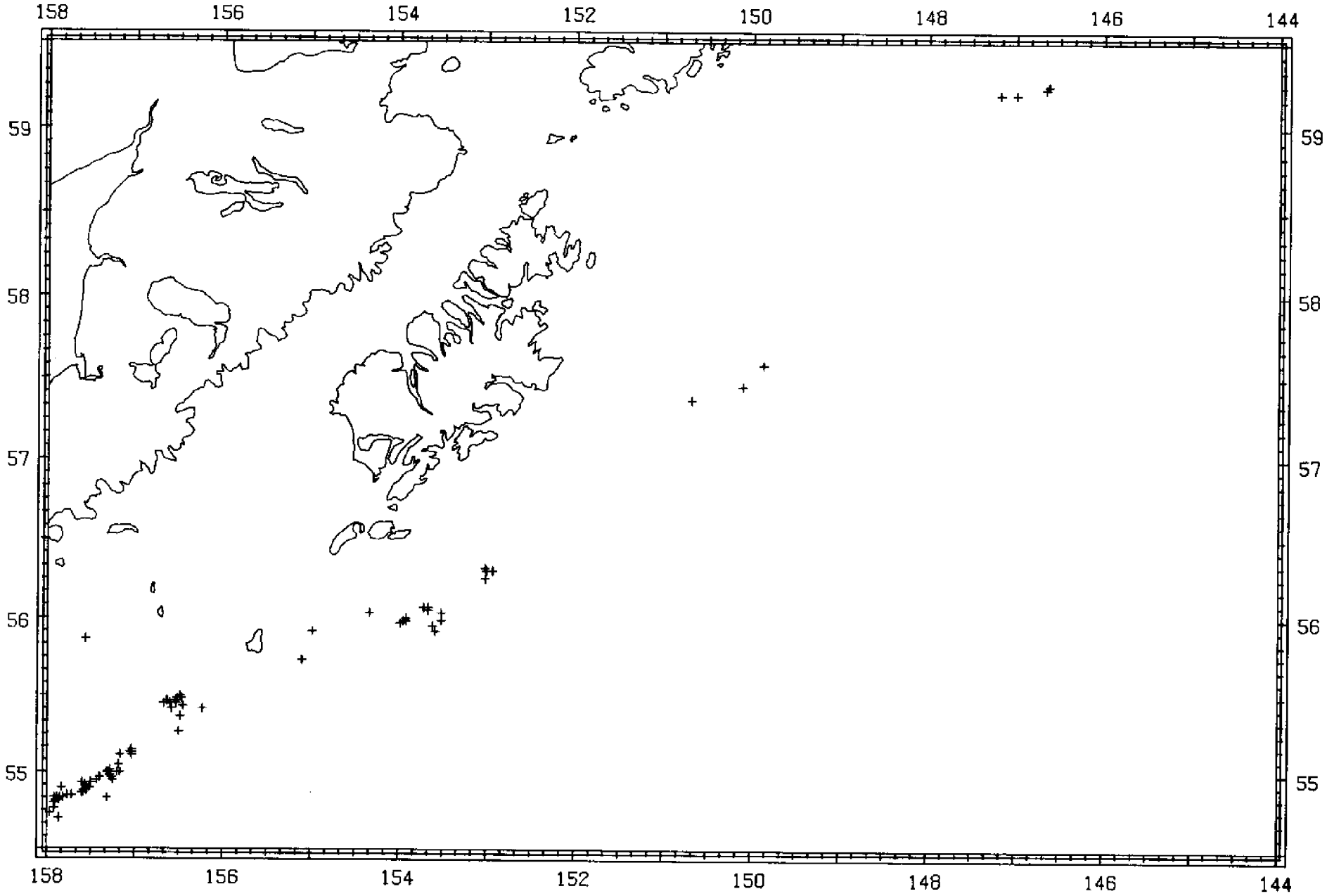


FIGURE C-2. PACIFIC COD, ALL MONTHS, 1977-1979

TABLE C-11. PACIFIC HALIBUT, JANUARY-MARCH

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
78 2 1	5618N	15300W	18684.3	32697.5	43502.2	350.	12.0	5400.	213.	0.0394	6.60	320.	3960.
78 3 8	5701N	15124W	18719.8	32382.2	43036.3	345.	18.0	18480.	561.	0.0303	9.24	4254.	16500.
78 3 2	5451N	15747W	18524.5	33550.6	45339.0	355.	16.0	18480.	388.	0.0210	8.98	9067.	17600.
78 3 3	5510N	15710W	18567.5	33408.7	45084.2	355.	20.0	18480.	200.	0.0108	33.00	1982.	18700.
78 3 5	5509N	15634W	18573.4	33340.6	44875.2	339.	19.0	18480.	24.	0.0013	6.60	11213.	17820.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE C-12. PACIFIC HALIBUT, APRIL-JUNE

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
79 5 2	5507N	15710W	18562.4	33419.4	45090.2	98.	12.0	19200.	934.	0.0486	5.16	377.	22440.
79 630	5927N	14520W	18748.0	31422.3	43229.7	394.	18.0	16800.	530.	0.0315	44.00	1837.	12980.
79 428	5710N	15050W	18725.6	32299.9	43006.0	383.	14.0	19200.	359.	0.0187	15.00	8575.	17380.
79 5 1	5508N	15703W	18565.7	33401.8	45046.8	93.	12.0	16800.	253.	0.0150	6.05	780.	19140.
79 422	5519N	15550W	18597.1	33219.5	44598.5	301.	13.0	15200.	153.	0.0101	88.00	15045.	16500.
79 514	5618N	15256W	18684.6	32691.2	43485.0	355.	14.5	15200.	52.	0.0034	8.80	10299.	19800.
78 513	5459N	15724W	18543.5	33479.4	45190.5	107.	18.5	19200.	7.	0.0004	5.30	447.	17600.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE C-13. PACIFIC HALIBUT, JULY-SEPTEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 928	5600N	15355W	18662.7	32858.1	43840.9	88.	17.0	15960.	4354.	0.2728	8.06	2413.	60060.
79 925	5604N	15343W	18667.9	32822.4	43764.6	93.	17.7	15960.	1099.	0.0689	8.87	305.	22000.
79 915	5544N	15506W	18637.0	33044.1	44278.8	109.	9.5	16800.	1142.	0.0680	6.88	1403.	18260.
79 912	5555N	15459W	18650.9	32988.5	44205.9	98.	14.0	21280.	1430.	0.0672	5.46	531.	26400.
79 920	5604N	15340W	18668.2	32817.4	43749.8	88.	17.1	15960.	1064.	0.0667	6.52	611.	31240.
78 720	5500N	15658W	18553.3	33419.9	45034.4	328.	19.5	20000.	803.	0.0402	14.99	38103.	51260.
79 922	5604N	15340W	18668.2	32817.4	43749.8	93.	18.5	15960.	639.	0.0400	7.04	540.	21560.
78 9 7	5452N	15736W	18529.4	33524.6	45272.4	115.	15.2	19000.	360.	0.0189	9.82	183.	14520.
79 915	5602N	15420W	18662.5	32892.7	43965.5	246.	15.0	21280.	320.	0.0150	6.59	6539.	23760.
78 717	5509N	15702W	18567.5	33396.2	45038.8	88.	16.2	20000.	266.	0.0133	3.31	39.	18040.
78 718	5450N	15719W	18530.3	33496.6	45176.9	88.	15.0	20000.	234.	0.0117	3.63	139.	13860.
78 9 4	5452N	15735W	18529.7	33522.5	45266.5	126.	16.0	20000.	212.	0.0106	8.80	578.	16060.
78 719	5454N	15750W	18529.4	33546.7	45351.5	82.	18.1	23200.	237.	0.0102	11.54	31.	18040.
78 715	5451N	15743W	18525.6	33542.4	45315.4	98.	16.0	20000.	178.	0.0089	3.56	197.	10560.
79 8 4	5912N	14700W	18749.9	31557.2	43221.4	301.	10.0	17640.	149.	0.0084	27.79	1224.	12980.
78 9 5	5453N	15735W	18531.5	33519.1	45264.6	115.	15.3	20000.	161.	0.0081	8.09	703.	18700.
79 828	5453N	15733W	18532.1	33515.0	45252.9	98.	15.3	19950.	111.	0.0056	10.36	265.	30580.
78 9 3	5453N	15735W	18531.5	33519.1	45264.6	120.	16.4	20000.	97.	0.0048	10.96	248.	24860.
78 714	5456N	15730W	18538.3	33498.6	45229.6	88.	16.0	20000.	91.	0.0045	3.18	81.	9240.
78 718	5446N	15755W	18512.7	33584.0	45394.8	77.	20.1	23200.	91.	0.0039	9.17	101.	20900.
78 722	5450N	15753W	18521.0	33566.5	45376.1	82.	16.1	23200.	85.	0.0037	6.56	76.	22660.
78 9 8	5458N	15716W	18545.4	33463.1	45143.5	115.	15.3	20000.	71.	0.0036	14.04	469.	13640.
78 9 2	5453N	15735W	18531.5	33519.1	45264.6	115.	17.0	20000.	72.	0.0036	7.24	499.	24640.
78 722	5501N	15717W	18550.5	33454.8	45143.4	77.	15.8	20000.	47.	0.0024	2.86	86.	13420.
78 9 6	5453N	15735W	18531.5	33519.1	45264.6	115.	16.3	20000.	37.	0.0018	5.92	378.	16720.
78 715	5459N	15717W	18547.0	33461.7	45147.4	88.	16.0	20000.	33.	0.0016	2.24	758.	16280.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE C-14. PACIFIC HALIBUT, OCTOBER-DECEMBER

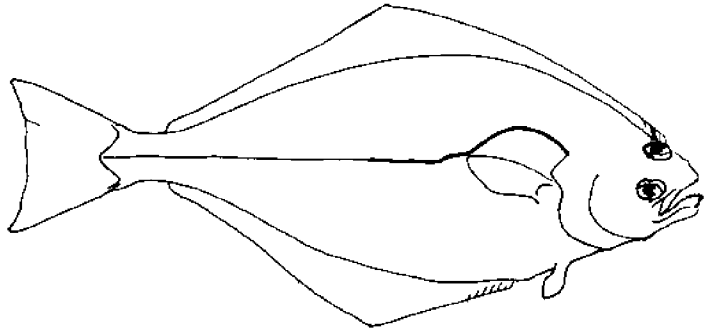
DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES ZX	ZY	ZZ	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	********	*********	**********	*********	********	********
791C 7	5559N	15357W	18661.5	32865.3	43855.0	93.	17.5	15960.	9029.	0.5657	6.42	839.	34100.
791C 3	5558N	15359W	18660.2	32872.6	43859.0	93.	18.5	15960.	7124.	0.4464	8.12	800.	49500.
791018	5915N	14633W	18745.8	31527.7	43221.0	312.	19.1	15960.	6615.	0.4145	27.02	9885.	30580.
791C 2	5603N	15340W	18667.2	32821.3	43753.0	98.	15.3	15960.	4011.	0.2513	7.71	790.	3320.
791C 4	5559N	15355W	18661.7	32862.0	43844.8	82.	17.0	15960.	3241.	0.2034	6.55	499.	27940.
791019	5911N	14732W	18750.0	31567.3	43252.7	295.	17.5	15960.	3302.	0.2069	12.40	6810.	24420.
791014	5911N	14730W	18750.0	31585.7	43231.7	284.	19.1	15960.	3166.	0.1985	11.03	14427.	29920.
791124	5628N	15203W	18696.2	32570.7	43341.2	383.	14.0	15200.	2395.	0.1576	12.06	1831.	9020.
791016	5835N	14920W	18756.5	31779.2	43137.5	323.	12.1	21600.	3295.	0.1526	10.92	6196.	19140.
791012	5916N	14651W	18749.5	31533.9	43230.1	301.	16.5	15960.	1714.	0.1074	10.19	19121.	35860.
791121	5557N	15357W	18661.4	32839.6	43763.0	109.	12.0	15200.	1396.	0.0918	8.87	193.	7480.
791015	5906N	14737W	18750.4	31612.2	43218.5	295.	19.5	14820.	1234.	0.0833	10.64	9277.	21560.
791028	5507N	15702W	18564.2	33403.3	45043.0	112.	14.5	18000.	1277.	0.0879	7.63	743.	40480.
791013	5912N	14711W	18749.9	31566.1	43226.1	284.	16.2	15960.	985.	0.0617	10.12	10970.	25020.
791217	5457N	15715W	18543.5	33464.8	45139.8	130.	18.2	15960.	902.	0.0603	7.90	432.	29480.
791025	5828N	14828W	18749.9	31815.9	43119.3	309.	17.5	18000.	947.	0.0504	92.64	8836.	30580.
791130	5558N	15437W	18650.5	32937.9	44072.5	323.	14.0	15200.	765.	0.0503	9.12	1969.	13860.
7911 1	5525N	15614W	18601.7	33243.3	44721.0	109.	17.5	17500.	857.	0.0490	7.54	618.	18920.
791215	5500N	15712W	18549.9	33448.1	45116.1	115.	15.5	15960.	519.	0.0388	6.71	112.	27500.
791125	5619N	15301W	18685.1	32695.1	43502.0	164.	12.0	15200.	574.	0.0377	5.07	469.	7920.
791023	5500N	15710W	18550.4	33444.1	45104.3	98.	12.5	15750.	558.	0.0354	7.14	440.	14520.
791024	5525N	15635W	18598.1	33264.1	44844.6	90.	14.5	21000.	599.	0.0285	7.31	1725.	3542C.
791C 3	5503N	15711W	18555.4	33435.5	45104.1	109.	15.0	15200.	432.	0.0284	5.86	254.	27940.
791123	5602N	15331W	18667.0	32810.4	43714.4	109.	12.0	15200.	423.	0.0278	7.37	308.	11880.
791122	5559N	15331W	18664.0	32922.0	43726.9	191.	13.0	15200.	395.	0.0260	5.01	3058.	13200.
791C 4	5552N	15734W	18625.2	33297.0	45157.2	115.	18.0	15200.	353.	0.0257	7.56	298.	26840.
7811 4	5927N	14504W	18747.9	31411.0	43224.9	355.	20.5	14400.	356.	0.0247	14.22	4990.	17820.
791025	5522N	15629W	18594.6	33223.5	44816.0	93.	14.5	16450.	402.	0.0245	7.55	1872.	34900.
791019	5722N	15041W	18731.5	32239.0	43000.1	120.	6.2	21600.	323.	0.0242	5.13	540.	25960.
791016	5916N	14658W	18749.9	31539.4	43233.1	284.	18.2	15960.	334.	0.0210	11.56	10356.	17820.
7911 4	5555N	15335W	18655.5	32244.0	43762.5	109.	16.5	18000.	375.	0.0208	4.66	294.	30140.
791026	5528N	15633W	18602.1	33278.7	44855.9	89.	15.5	19600.	404.	0.0206	7.81	1449.	36080.
791113	5508N	15702W	18565.9	33399.3	45040.9	53.	16.0	19600.	400.	0.0204	6.07	730.	28820.
791C 5	5454N	15731W	18534.4	33507.5	45239.3	109.	18.0	15200.	256.	0.0168	6.17	721.	24200.
7811 3	5914N	14640W	18749.7	31553.3	43219.5	355.	17.5	14400.	270.	0.0188	18.31	14252.	29480.
781015	5450N	15749W	18522.1	33558.2	45352.5	104.	16.0	19200.	335.	0.0175	8.07	1624.	15940.
791030	5444N	15759W	18507.9	33599.9	45415.8	85.	14.0	13800.	305.	0.0182	7.15	1387.	35420.
791029	5529N	15631W	18804.8	33251.3	44811.9	98.	18.0	19600.	297.	0.0151	8.38	1017.	33880.
791031	5526N	15627W	18601.0	33264.7	44795.0	98.	14.5	19600.	281.	0.0133	15.88	1166.	27280.
791114	5501N	15717W	18550.5	33454.9	45143.4	98.	15.0	19600.	250.	0.0128	3.83	684.	27940.
791C 7	5744N	14934W	18740.7	32087.4	43024.3	334.	10.9	21600.	207.	0.0096	8.68	9045.	21780.
781C 3	5454N	15733W	18533.9	33511.8	45251.0	79.	18.0	15990.	151.	0.0095	5.28	178.	24860.
781C10	5450N	15751W	18521.5	33562.3	45364.3	101.	16.0	13940.	129.	0.0093	6.30	391.	30580.
791C30	5530N	15629W	18606.5	33253.6	44797.8	98.	17.0	19600.	177.	0.0090	5.99	696.	26400.
7911 6	5527N	15636W	18601.0	33278.6	44846.1	93.	12.0	14500.	126.	0.0089	7.35	428.	22220.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE C-14 (continued). PACIFIC HALIBUT, OCTOBER-DECEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES ZX	ZY	ZZ	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
791027	5527N	15640W	18600.3	33286.4	44870.0	82.	15.0	19600.	171.	0.0087	5.32	897.	3360.
791028	5528N	15632W	18603.1	33267.0	44820.1	80.	15.0	19600.	160.	0.0082	8.65	1554.	3060.
7811 7	5910N	14718W	18750.1	31580.0	43222.8	355.	19.0	14400.	113.	0.0079	12.77	1183.	2926.
791014	5851N	14807W	18750.5	31700.6	43182.9	317.	11.5	21600.	158.	0.0073	17.60	7702.	2046.
7810 9	5448N	15755W	18516.5	33577.3	45391.4	93.	12.0	9430.	67.	0.0071	5.39	647.	2530.
7911 5	5529N	15628W	18605.2	33255.4	44794.1	98.	18.0	19000.	109.	0.0057	11.56	515.	3938.
7811 8	5839N	14813W	18750.7	31756.0	43147.3	355.	17.0	14400.	76.	0.0054	13.49	1370.	3652.
791214	5522N	15527W	18605.2	33165.4	44461.4	394.	13.8	15960.	83.	0.0039	13.64	1241.	3102.
791213	5554N	15436W	18652.2	32651.9	44180.2	372.	12.0	15980.	61.	0.0038	10.34	2534.	3630.
791017	5817N	14229W	18742.8	31968.1	43189.4	306.	12.8	21600.	60.	0.0028	13.42	1081.	1936.
7810 7	5455N	15734W	18535.5	33510.2	45255.0	84.	17.0	15990.	43.	0.0027	4.45	704.	2772.
7911 2	5516N	15630W	18595.3	33307.5	44835.7	82.	15.0	19800.	53.	0.0027	6.53	1561.	2398.
7912 2	5442N	15752W	18500.8	33590.9	45384.0	109.	13.0	15200.	39.	0.0026	6.99	279.	594.
7810 4	5455N	15734W	18535.5	33510.2	45255.0	66.	16.0	15990.	32.	0.0020	4.47	344.	2992.
7911 7	5527N	15632W	18601.6	33270.7	44822.4	93.	9.0	11500.	21.	0.0018	4.49	695.	1892.
7810 8	5451N	15746W	18524.8	33548.6	45333.0	82.	19.0	15990.	27.	0.0017	4.22	1200.	2706.
791018	5802N	14846W	18745.8	31940.0	43056.2	345.	12.5	21600.	35.	0.0016	8.36	8728.	1980.
791130	5557N	15417W	18657.4	32907.2	43966.9	323.	14.0	15200.	21.	0.0014	7.26	6137.	1716.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***



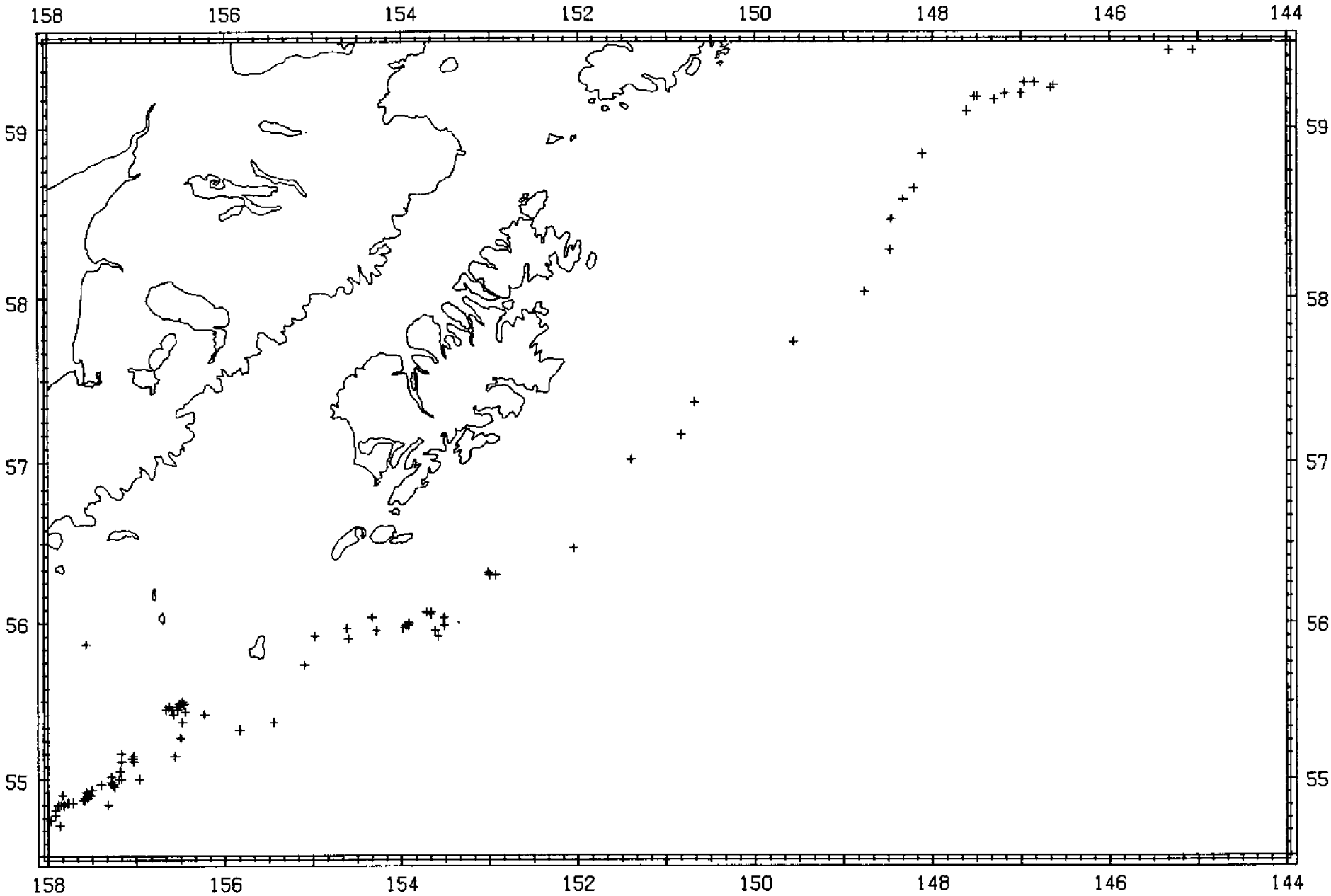


FIGURE C-3. PACIFIC HALIBUT, ALL MONTHS, 1977-1979

TABLE C-15. FLOUNDERS, JANUARY-MARCH

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES ZX	ZY	ZZ	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
78 3 7	5551N	15407W	18651.9	32913.4	43936.5	328.	18.0	18480.	2110.	0.1142	5.66	3456.	21120.
78 3 8	5701N	15124W	18719.8	32382.2	43036.8	345.	18.0	18480.	1509.	0.0817	3.47	4254.	16500.
78 3 2	5451N	15747W	18524.5	33550.6	45339.0	355.	18.0	18480.	1035.	0.0560	1.60	9067.	17600.
78 3 8	5652N	15134W	18714.1	32432.8	43078.3	355.	15.0	13200.	635.	0.0481	2.42	4345.	11000.
78 3 5	5509N	15634W	18573.4	33340.6	44875.2	339.	19.0	18480.	412.	0.0223	6.23	11213.	17820.
78 127	5840N	14805W	18750.7	31744.4	43147.5	355.	25.0	15120.	253.	0.0168	2.09	4062.	8800.
78 3 3	5510N	15710W	18567.5	33408.7	45084.2	355.	20.0	18480.	303.	0.0164	3.37	1982.	18700.
78 2 1	5618N	15300W	18684.3	32697.5	43502.2	350.	12.0	5400.	56.	0.0105	1.98	320.	3960.
78 130	5715N	15035W	18728.4	32260.1	43000.9	355.	18.0	15120.	134.	0.0089	3.30	3787.	10560.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

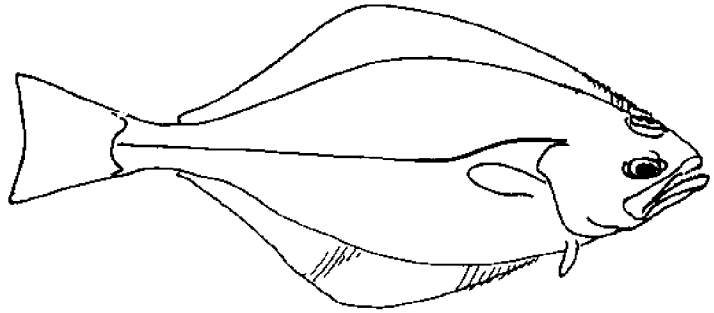


TABLE C-16. FLOUNDERS, APRIL-JUNE

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 630	5927N	14520W	18748.0	31422.3	43229.7	394.	18.0	16800.	3150.	0.1875	5.06	1837.	12980.
78 628	5912N	14650W	18749.9	31549.2	43217.3	328.	14.0	20000.	2770.	0.1385	3.78	34900.	61380.
79 511	5621N	15235W	18688.6	32646.7	43386.8	383.	13.5	15200.	1665.	0.1095	5.21	8113.	26180.
79 627	5702N	15120W	18720.5	32372.7	43031.3	328.	24.5	17020.	1827.	0.1074	5.11	6179.	18920.
79 425	5517N	15607W	18591.1	33259.2	44700.4	334.	18.5	15200.	1543.	0.1015	4.70	10896.	15840.
78 620	5737N	14952W	18738.2	32117.1	43013.9	306.	14.0	20000.	1987.	0.0993	6.93	19534.	62260.
79 628	5649N	15137W	18712.1	32449.1	43094.6	328.	23.5	18400.	1797.	0.0977	4.57	7327.	25300.
79 524	5517N	15600W	18592.4	33245.8	44660.5	339.	14.0	16200.	1422.	0.0878	5.02	11568.	23100.
79 428	5500N	15705W	18551.6	33434.0	45075.1	301.	17.0	15200.	1235.	0.0812	5.63	8032.	22880.
78 514	5542N	15457W	18635.7	33035.6	44234.8	334.	17.5	20160.	1619.	0.0803	3.90	101.	11440.
79 423	5540N	15552W	18626.0	33144.4	44554.8	339.	13.0	19200.	1500.	0.0781	4.42	1812.	17160.
78 629	5929N	14448W	18747.6	31392.2	43225.8	328.	15.0	20000.	1547.	0.0774	4.18	26236.	49720.
79 613	5800N	14852W	18745.4	31955.4	43052.5	328.	14.0	15120.	1033.	0.0683	4.21	7510.	22880.
78 422	5553N	15402W	18654.7	32897.1	43503.4	317.	16.1	22260.	1486.	0.0668	5.17	8144.	18480.
79 427	5512N	15637W	18577.6	33335.7	44885.7	284.	14.0	15200.	1011.	0.0665	4.57	4477.	16280.
79 425	5554N	15449W	18650.8	32974.8	44152.4	317.	14.0	19200.	1270.	0.0662	4.39	1002.	10560.
79 6 1	5732N	15002W	18736.3	32149.5	43007.7	334.	16.0	15120.	906.	0.0599	3.54	3072.	20460.
79 5 9	5628N	15216W	18695.4	32590.1	43286.7	284.	12.5	15200.	719.	0.0473	4.52	9874.	27280.
79 516	5615N	15309W	18681.0	32723.6	43555.8	372.	13.5	15200.	687.	0.0452	4.93	11452.	17820.
79 614	5645N	15143W	18709.3	32473.8	43121.7	323.	16.0	19200.	865.	0.0451	4.65	24161.	36740.
79 5 1	5558N	15433W	18656.9	32931.0	44050.3	372.	12.0	19200.	827.	0.0431	4.44	7808.	16940.
79 424	5551N	15414W	18651.2	32925.4	43972.7	328.	13.0	19200.	767.	0.0399	4.27	5804.	20020.
78 5 1	5615N	15249W	18682.5	32692.0	43470.0	317.	17.3	22260.	637.	0.0376	3.94	4113.	11660.
78 426	5621N	15230W	18688.9	32639.0	43368.5	383.	18.5	22260.	772.	0.0347	4.59	3075.	15400.
79 616	5702N	15118W	18720.6	32369.9	43030.1	328.	15.0	19080.	594.	0.0311	3.66	14793.	27500.
79 615	5712N	15052W	18726.6	32294.3	43004.2	339.	15.0	19080.	582.	0.0305	4.32	13468.	26400.
79 514	5618N	15256W	18684.6	32691.2	43485.0	355.	14.5	15200.	436.	0.0287	4.66	10299.	19800.
78 427	5603N	15326W	18668.4	32798.3	43686.5	339.	16.3	22260.	624.	0.0280	5.27	2997.	7700.
79 629	5632N	15152W	18699.8	32538.7	43200.7	328.	19.5	18400.	468.	0.0254	3.17	7530.	13860.
78 524	5728N	15007W	18734.6	32172.0	43003.9	328.	13.8	16800.	426.	0.0254	3.63	5907.	12980.
78 425	5558N	15432W	18657.0	32929.2	44044.8	301.	18.0	22260.	563.	0.0253	5.60	3293.	12980.
78 421	5533N	15527W	18620.2	33124.5	44429.6	301.	17.2	22260.	470.	0.0211	4.20	8442.	18480.
79 530	5708N	15059W	18724.4	32319.9	43010.3	328.	15.0	15120.	301.	0.0199	4.72	8233.	20460.
79 428	5710N	15050W	18725.6	32299.9	43006.0	383.	14.0	19200.	370.	0.0193	4.08	8575.	17380.
78 619	5720N	15021W	18731.0	32221.9	42999.9	355.	16.0	20000.	351.	0.0176	10.12	26009.	45760.
78 428	5556N	15418W	18656.3	32912.8	43975.8	317.	7.3	8268.	143.	0.0173	3.83	607.	2860.
78 529	5504N	15650W	18561.8	33389.9	44979.3	355.	17.0	19200.	329.	0.0171	4.18	45110.	56320.
79 523	5508N	15637W	18571.2	33350.0	44894.9	328.	13.0	15120.	258.	0.0171	10.73	14258.	21120.
79 429	5614N	15310W	18680.1	32729.2	43564.9	328.	18.1	23520.	400.	0.0170	4.35	9432.	16280.
79 615	5824N	14828W	18749.5	31832.4	43108.0	328.	17.0	14040.	207.	0.0148	3.34	9576.	20460.
78 5 3	5712N	15045W	18726.7	32285.2	43003.5	301.	19.3	22260.	310.	0.0139	4.72	6858.	10560.
78 430	5556N	15445W	18653.5	32959.9	44123.6	328.	16.3	22260.	242.	0.0109	4.69	4694.	8580.
79 515	5628N	15210W	18695.7	32581.1	43268.2	301.	16.0	15200.	161.	0.0106	4.20	6788.	12980.
79 531	5718N	15037W	18729.8	32250.4	43000.0	328.	15.0	15120.	160.	0.0106	3.63	7920.	21340.
79 6 2	5740N	14949W	18739.3	32101.2	43018.2	334.	16.0	15120.	127.	0.0084	3.91	1863.	20900.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE C-16 (continued). FLOUNDERS, APRIL-JUNE

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 512	5630N	15155W	18698.1	32551.0	43217.5	328.	15.5	15200.	125.	0.0082	5.50	13426.	17600.
78 625	5906N	14736W	18750.4	31611.4	43218.0	334.	14.0	20000.	157.	0.0079	2.20	25601.	61380.
79 6 3	5753N	14915W	18743.5	32009.0	43040.0	328.	15.0	15120.	115.	0.0076	2.26	6603.	19580.
78 627	5914N	14701W	18749.7	31549.9	43228.1	355.	14.0	20000.	152.	0.0076	4.84	36684.	40480.
78 423	5557N	15441W	18655.0	32948.9	44098.0	328.	16.3	22260.	163.	0.0073	3.91	7049.	21120.
79 513	5618N	15245W	18685.4	32674.0	43439.8	427.	14.5	15200.	102.	0.0067	5.19	10550.	20020.
78 5 5	5535N	15525W	18623.1	33113.2	44412.6	301.	16.0	22260.	139.	0.0062	3.11	6199.	10340.
79 614	5752N	14912W	18743.2	32009.8	43037.8	355.	16.0	15120.	89.	0.0059	2.60	12009.	22220.
78 516	5612N	15319W	18677.5	32751.6	43615.0	355.	15.0	20160.	112.	0.0055	1.98	16037.	23100.
79 630	5511N	15630W	18577.4	33325.6	44847.4	317.	20.1	18400.	102.	0.0055	4.01	14382.	25520.
79 525	5533N	15524W	18620.6	33118.9	44412.7	372.	14.0	15120.	80.	0.0053	2.53	13269.	22880.
79 621	5501N	15707W	18552.5	33434.5	45084.7	364.	17.5	27000.	146.	0.0054	1.91	3675.	19800.
78 518	5658N	15126W	18718.0	32397.2	43047.8	345.	15.8	19200.	101.	0.0053	3.08	3902.	14520.
79 426	5550N	15345W	18653.2	32879.9	43830.7	372.	13.0	19200.	87.	0.0046	3.85	10925.	18040.
79 617	5709N	15102W	18724.8	32319.8	43009.5	306.	16.0	19080.	87.	0.0046	1.62	23011.	25960.
79 5 2	5507N	15710W	18562.4	33419.4	45090.2	98.	12.0	19200.	75.	0.0039	1.41	377.	22440.
79 423	5507N	15643W	18568.3	33365.4	44931.9	383.	18.0	15200.	58.	0.0038	11.00	9154.	19800.
79 618	5655N	15129W	18716.1	32413.6	43061.1	345.	17.0	19080.	72.	0.0038	2.64	14153.	20240.
79 529	5656N	15128W	18716.8	32408.2	43056.5	366.	16.0	15120.	57.	0.0038	1.98	9137.	21340.
78 618	5714N	15044W	18727.7	32275.7	43001.9	334.	15.0	20000.	52.	0.0026	2.20	27250.	41140.
79 424	5505N	15651W	18563.3	33388.4	44982.9	410.	16.0	15200.	34.	0.0022	4.13	21818.	25520.
79 430	5528N	15531W	18612.9	33150.6	44466.4	383.	18.3	23520.	40.	0.0017	5.28	13233.	16720.
79 5 1	5508N	15703W	18565.7	33401.8	45046.8	93.	12.0	16800.	24.	0.0014	3.08	780.	19140.
79 430	5730N	15008W	18735.4	32165.0	43005.6	383.	14.0	16800.	25.	0.0015	2.57	12423.	18920.
79 527	5554N	15331W	18658.9	32841.2	43747.9	410.	15.0	15120.	19.	0.0012	3.30	14159.	24200.
79 422	5519N	15550W	18597.1	33219.5	44598.5	301.	13.0	15200.	17.	0.0011	4.95	15045.	16500.
79 429	5730N	15000W	18735.5	32155.3	43005.7	394.	14.0	19200.	18.	0.0010	4.40	8737.	16940.
79 510	5623N	15220W	18691.2	32615.9	43324.3	410.	14.0	15200.	10.	0.0007	2.64	18218.	24420.
78 5 2	5719N	15020W	18730.6	32224.8	42999.9	383.	17.2	22260.	6.	0.0003	2.97	5370.	10560.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE C-17. FLOUNDERS, JULY-SEPTEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
79 915	5602N	15420W	18662.5	32892.7	43565.5	246.	15.0	21280.	6298.	0.2959	5.49	6539.	23760.
79 8 4	5912N	14700W	18749.9	31557.2	43221.4	301.	10.0	17640.	2901.	0.1645	4.32	1224.	12980.
79 929	5914N	14736W	18749.7	31578.2	43244.8	301.	18.0	15200.	2061.	0.1356	4.01	5269.	12320.
79 7 7	5500N	15700W	18552.6	33423.9	45046.0	372.	20.0	16800.	1724.	0.1026	6.75	9676.	19360.
79 927	5623N	15234W	18690.3	32637.2	43373.3	372.	19.3	15960.	1087.	0.0681	4.13	18910.	25740.
78 826	5500N	15706W	18551.4	33436.0	45081.0	273.	18.0	19200.	1198.	0.0624	5.05	15044.	30580.
78 9 4	5452N	15735W	18529.7	33522.5	45266.5	126.	16.0	20000.	972.	0.0486	3.13	578.	16060.
79 923	5616N	15300W	18682.6	32705.4	43511.5	366.	20.0	15960.	722.	0.0452	4.05	14102.	24640.
79 911	5554N	15403W	18655.6	32895.0	43904.7	301.	15.0	21280.	920.	0.0433	2.93	12181.	18700.
78 9 5	5453N	15735W	18531.5	33519.1	45264.6	115.	15.3	20000.	860.	0.0430	3.21	703.	18700.
78 9 6	5453N	15735W	18531.5	33519.1	45264.6	115.	16.3	20000.	848.	0.0424	3.59	378.	16720.
79 929	5716N	15040W	18728.8	32262.4	43000.7	372.	19.7	15960.	663.	0.0416	4.53	22713.	32560.
78 820	5500N	15719W	18546.2	33462.3	45157.2	66.	16.0	17220.	703.	0.0408	2.93	1454.	46420.
79 928	5600N	15355W	18662.7	32856.1	43840.9	88.	17.0	15960.	641.	0.0401	2.62	2413.	60060.
79 924	5607N	15324W	18672.4	32779.4	43660.1	339.	18.5	15960.	607.	0.0380	4.41	21169.	31020.
79 8 3	5449N	15455W	18563.7	33222.1	44395.6	328.	11.0	9000.	338.	0.0376	5.11	4062.	6820.
78 9 7	5452N	15736W	18529.4	33524.6	45272.4	115.	15.2	19000.	585.	0.0308	2.78	183.	14520.
79 723	5604N	15326W	18669.4	32794.4	43682.3	328.	17.0	14400.	439.	0.0305	5.81	6678.	12100.
79 913	5711N	15050W	18726.1	32295.8	43004.9	383.	12.5	16800.	460.	0.0274	4.70	27119.	38280.
79 920	5604N	15340W	18668.2	32817.4	43749.8	88.	17.1	15960.	426.	0.0267	2.09	611.	31240.
78 9 2	5453N	15735W	18531.5	33519.1	45264.6	115.	17.0	20000.	498.	0.0249	3.88	499.	24840.
79 930	5727N	15006W	18734.3	32174.8	43003.2	383.	18.5	15960.	353.	0.0221	2.80	18762.	29480.
78 930	5745N	14928W	18741.1	32056.4	43025.8	402.	22.0	15990.	344.	0.0215	2.90	12349.	20020.
79 922	5604N	15340W	18668.2	32817.4	43749.8	93.	18.5	15960.	336.	0.0211	1.97	540.	21560.
79 816	5500N	15707W	18551.1	33436.0	45086.8	394.	18.0	17640.	356.	0.0202	2.56	11759.	20020.
79 910	5554N	15400W	18655.9	32889.9	43889.4	301.	15.0	21280.	403.	0.0189	4.06	12720.	22220.
79 828	5453N	15733W	18532.1	33515.0	45252.9	98.	15.3	19950.	343.	0.0172	3.98	265.	30580.
78 9 3	5453N	15735W	18531.5	33519.1	45264.6	120.	16.4	20000.	324.	0.0162	5.27	248.	24860.
79 926	5551N	15414W	18651.2	32925.4	43972.7	355.	18.7	15960.	257.	0.0161	3.05	25491.	33660.
79 925	5604N	15343W	18667.9	32822.4	43764.6	93.	17.7	15960.	250.	0.0157	2.36	305.	22000.
79 8 5	5833N	14819W	18750.3	31786.5	43131.2	410.	11.0	17640.	260.	0.0147	2.44	10449.	24640.
79 731	5530N	15530W	18615.7	33141.3	44455.1	355.	16.0	13680.	195.	0.0143	3.01	4414.	10340.
79 928	5910N	14714W	18750.1	31576.7	43221.0	355.	17.0	15200.	206.	0.0136	4.73	2213.	5060.
78 9 8	5458N	15716W	18545.4	33463.1	45143.5	115.	15.3	20000.	262.	0.0131	2.45	469.	13640.
78 827	5446N	15750W	18514.1	33573.6	45365.4	279.	17.0	19200.	244.	0.0127	3.72	18623.	37180.
78 823	5505N	15645W	18564.6	33376.5	44948.0	427.	17.0	19200.	238.	0.0124	4.27	24429.	38280.
78 926	5756N	14900W	18744.4	31980.3	43044.9	399.	18.0	15990.	195.	0.0122	3.45	27290.	35420.
79 912	5555N	15459W	18650.9	32988.6	44205.9	98.	14.0	21280.	237.	0.0111	1.99	531.	26400.
78 825	5450N	15730W	18527.3	33519.0	45240.9	317.	15.0	19200.	205.	0.0107	2.23	27043.	39380.
79 913	5553N	15416W	18653.2	32921.1	43976.0	328.	15.0	21280.	224.	0.0105	2.20	18252.	28380.
77 926	5756N	14903W	18744.3	31983.6	43045.1	394.	15.0	14800.	135.	0.0091	2.97	15978.	28160.
79 826	5508N	15641W	18570.4	33357.9	44918.1	328.	11.5	16800.	146.	0.0087	3.78	19535.	33880.
79 726	5549N	15447W	18645.3	32990.8	44157.2	328.	16.0	13680.	117.	0.0086	5.60	5768.	9680.
79 728	5618N	15256W	18684.6	32691.2	43485.0	355.	18.0	15480.	132.	0.0085	4.53	6001.	11220.
78 731	5911N	14657W	18750.0	31558.9	43217.0	383.	17.0	23200.	186.	0.0080	5.23	10633.	18920.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE C-17 (continued). FLOUNDERS, JULY-SEPTEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 7 3	5713N	15041W	18727.3	32278.0	43002.3	355.	18.3	16800.	133.	0.0079	3.96	8172.	15400.
78 7 4	5751N	14922W	18742.9	32025.0	43036.5	350.	16.0	20000.	156.	0.0078	1.76	26602.	42680.
79 8 7	5753N	14901W	18743.6	31993.6	43039.0	394.	11.0	17640.	139.	0.0079	1.97	13144.	26620.
78 824	5502N	15655W	18557.4	33406.9	45012.7	383.	17.0	19200.	151.	0.0079	4.66	17863.	27060.
79 812	5610N	15320W	18675.6	32761.1	43628.4	383.	15.0	17640.	132.	0.0075	3.33	6545.	15400.
78 814	5902N	14738W	18750.6	31629.6	43205.9	355.	16.0	17220.	113.	0.0066	6.75	4933.	11440.
79 825	5508N	15617W	18575.4	33310.9	44780.1	328.	11.5	16800.	107.	0.0064	3.35	25473.	41800.
79 724	5557N	15443W	18654.8	32952.4	44109.2	355.	16.5	14400.	91.	0.0063	3.36	4547.	12540.
79 811	5617N	15301W	18683.4	32703.0	43511.2	399.	13.0	17640.	112.	0.0064	2.86	4771.	14080.
79 8 9	5739N	14931W	18739.2	32084.3	43016.6	410.	11.0	16800.	106.	0.0063	2.01	2687.	10340.
79 730	5559N	15419W	18659.4	32902.8	43970.6	328.	16.0	14400.	87.	0.0061	4.84	6768.	11220.
78 7 6	5755N	14900W	18744.1	31984.4	43042.8	345.	13.0	19500.	115.	0.0059	2.64	22963.	30360.
79 8 6	5819N	14827W	18748.9	31851.9	43094.2	399.	10.0	17640.	101.	0.0057	2.55	16635.	25080.
79 915	5544N	15506W	18637.0	33044.1	44278.8	109.	9.5	16800.	91.	0.0054	1.66	1403.	18260.
78 722	5450N	15753W	18521.0	33566.5	45376.1	82.	16.1	23200.	119.	0.0051	3.08	76.	22660.
78 928	5927N	14454W	18747.9	31403.9	43222.1	410.	16.8	20400.	100.	0.0049	3.55	7422.	12540.
78 924	5752N	14917W	18743.2	32015.4	43038.1	394.	17.0	15990.	73.	0.0046	2.97	18206.	24860.
78 918	5813N	14829W	18748.0	31878.4	43079.4	383.	20.2	20400.	92.	0.0045	3.52	15444.	30580.
79 912	5718N	15025W	18730.1	32235.1	42999.9	355.	13.5	16800.	71.	0.0042	3.83	15007.	25300.
79 8 4	5509N	15640W	18572.2	33352.4	44910.0	383.	16.0	14400.	59.	0.0041	2.89	7211.	12540.
79 830	5922N	14551W	18748.7	31464.2	43225.6	383.	11.0	16800.	67.	0.0040	4.55	28920.	39820.
78 929	5727N	15004W	18734.3	32172.4	43003.2	407.	20.0	15990.	60.	0.0037	1.94	4334.	7700.
79 921	5621N	15233W	18688.7	32643.6	43379.4	372.	18.7	15960.	60.	0.0038	3.08	14302.	27940.
78 925	5857N	14740W	18750.8	31651.9	43190.7	355.	16.3	20400.	77.	0.0038	2.57	17122.	24200.
79 8 2	5513N	15606W	18585.2	33271.8	44704.9	355.	18.0	14400.	53.	0.0037	9.75	6255.	8140.
78 714	5456N	15730W	18538.3	33498.6	45229.6	88.	16.0	20000.	64.	0.0032	1.67	81.	9240.
79 812	5618N	15227W	18686.6	32646.2	43372.5	437.	15.5	21280.	57.	0.0027	2.14	2084.	9460.
78 922	5910N	14705W	18750.1	31569.4	43217.2	410.	17.8	20400.	53.	0.0026	4.62	29027.	37840.
79 8 8	5751N	14919W	18742.9	32021.7	43036.3	383.	11.0	17640.	42.	0.0024	2.20	13780.	26620.
78 715	5454N	15750W	18529.4	33546.7	45351.5	82.	18.1	23200.	53.	0.0023	2.64	31.	18040.
79 8 3	5927N	14504W	18747.9	31411.0	43224.9	383.	11.0	17640.	39.	0.0022	2.53	9360.	23320.
78 920	5859N	14758W	18750.8	31659.3	43205.2	377.	19.8	20400.	43.	0.0021	3.52	23947.	37620.
79 725	5530N	15533W	18615.3	33146.9	44472.0	355.	17.0	14400.	28.	0.0019	2.64	5729.	10560.
78 8 3	5846N	14807W	18750.9	31721.4	43166.8	437.	16.1	23200.	45.	0.0019	3.52	18040.	28600.
78 9 8	5453N	15735W	18531.5	33519.1	45264.6	115.	8.5	10000.	18.	0.0018	2.14	154.	3960.
79 813	5700N	15124W	18719.2	32386.3	43039.8	383.	16.0	21280.	38.	0.0018	1.54	16037.	23760.
79 727	5604N	15324W	18669.6	32791.1	43672.9	328.	16.0	14400.	25.	0.0017	8.80	5681.	8580.
79 8 5	5500N	15704W	18551.8	33432.0	45069.3	383.	13.0	12960.	23.	0.0018	3.41	6286.	11440.
78 720	5449N	15754W	18518.8	33571.9	45383.8	82.	17.3	23200.	38.	0.0016	2.15	227.	18700.
79 910	5926N	14511W	18748.1	31419.7	43224.2	437.	13.1	16800.	28.	0.0017	2.09	28559.	40040.
78 8 5	5810N	14840W	18747.4	31901.9	43073.9	410.	16.1	23200.	33.	0.0014	2.64	11827.	25080.
79 830	5453N	15717W	18536.3	33482.3	45159.3	410.	16.3	19950.	29.	0.0014	2.46	14313.	21120.
78 928	5733N	14959W	18736.7	32141.8	43008.8	416.	20.0	15990.	21.	0.0013	1.76	14494.	22000.
79 817	5758N	14849W	18744.9	31960.3	43048.0	383.	20.0	26600.	35.	0.0013	2.42	12092.	30800.
78 921	5859N	14740W	18750.8	31643.7	43197.1	470.	19.6	20400.	27.	0.0013	1.76	31574.	40920.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE C-17 (continued). FLOUNDERS, JULY-SEPTEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	********	********	********
78 730	5510N	14637W	18750.0	31546.9	43206.5	383.	16.2	23200.	28.	0.0012	2.64	8823.	20240.
78 919	5827N	14821W	18749.8	31813.1	43114.5	448.	11.0	7650.	9.	0.0011	1.76	4800.	7920.
79 9 3	5927N	14458W	18747.9	31406.7	43223.2	492.	12.0	16800.	18.	0.0011	3.52	17191.	29700.
79 7 1	5449N	15730W	18525.5	33522.4	45242.8	312.	17.4	18400.	18.	0.0010	2.20	9268.	18920.
78 726	5532N	15423W	18627.9	33012.9	44087.9	355.	16.4	23200.	20.	0.0009	2.20	4070.	9240.
78 729	5846N	14807W	18750.9	31721.4	43166.8	301.	16.4	23200.	20.	0.0009	3.96	7952.	10780.
78 727	5800N	14851W	18745.4	31954.3	43052.4	383.	17.0	23200.	20.	0.0009	3.52	2745.	7920.
78 924	5846N	14804W	18750.9	31718.7	43165.6	410.	18.8	20400.	16.	0.0008	2.42	13833.	23540.
78 728	5745N	14910W	18741.3	32036.0	43025.3	301.	15.5	23200.	18.	0.0008	1.98	7581.	10780.
79 926	5904N	14737W	18750.5	31620.5	43211.9	355.	16.5	15200.	9.	0.0006	1.76	13568.	16940.
78 925	5927N	14513W	18748.0	31417.4	43227.5	448.	17.8	20400.	11.	0.0005	1.98	12700.	20680.
79 729	5555N	15405W	18656.5	32894.5	43511.2	328.	16.5	14400.	8.	0.0006	3.08	8227.	12100.
78 8 1	5927N	14534W	18746.0	31432.4	43234.1	383.	16.1	23200.	12.	0.0005	2.20	2228.	9680.
79 814	5758N	14849W	18744.9	31960.3	43048.0	383.	17.0	21280.	10.	0.0005	1.54	16715.	31020.
78 8 2	5909N	14722W	18750.2	31587.4	43221.4	437.	16.1	23200.	9.	0.0004	1.87	6845.	10560.
79 829	5922N	14550W	18748.7	31463.5	43225.2	437.	11.0	16800.	5.	0.0003	1.10	12179.	29700.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

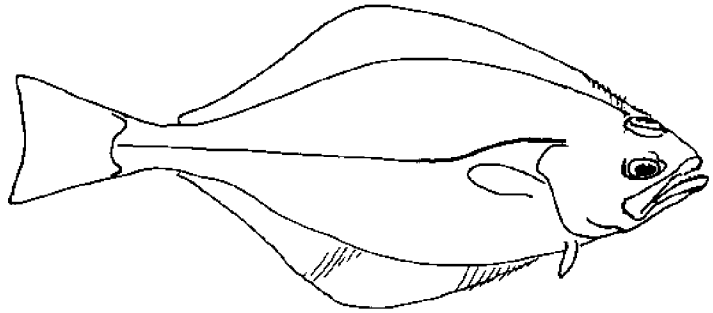


TABLE C-18. FLOUNDERS, OCTOBER-DECEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
781019	5904N	14733W	18750.5	31617.1	43210.1	383.	18.0	14000.	6845.	0.4889	5.97	8545.	28160.
791019	5911N	14732W	18750.0	31587.3	43232.7	295.	17.5	15960.	3338.	0.2091	4.02	6810.	24420.
791015	5906N	14737W	18750.4	31612.2	43218.5	295.	19.5	14820.	2372.	0.1600	3.72	9277.	21560.
791016	5835N	14820W	18750.5	31779.2	43137.5	323.	12.1	21600.	3235.	0.1498	4.48	6196.	19140.
7811 3	5914N	14640W	18749.7	31533.3	43219.5	355.	17.5	14400.	2132.	0.1481	5.02	14252.	29480.
791013	5912N	14711W	18749.9	31566.1	43226.1	284.	18.2	15960.	2249.	0.1409	4.07	10970.	25080.
791014	5851N	14807W	18750.9	31700.6	43182.9	317.	11.5	21600.	2981.	0.1380	4.57	7702.	20460.
791025	5828N	14828W	18749.9	31815.9	43119.3	369.	17.5	18800.	2420.	0.1287	4.48	8836.	30580.
791014	5911N	14730W	18750.0	31585.7	43231.7	284.	16.1	15960.	1928.	0.1208	3.67	14427.	29920.
791012	5916N	14651W	18749.5	31533.9	43230.1	301.	16.5	15960.	1863.	0.1168	3.66	19121.	35860.
791016	5916N	14658W	18749.5	31539.4	43233.1	284.	18.2	15960.	1678.	0.1051	4.04	10756.	17820.
791018	5915N	14638W	18749.6	31527.7	43221.8	312.	19.1	15960.	1642.	0.1029	3.70	9885.	30580.
7811 7	5910N	14718W	18750.1	31580.0	43222.8	355.	19.0	14400.	1287.	0.0894	2.75	11830.	29260.
7910 7	5744N	14934W	18740.7	32067.4	43024.3	334.	10.9	21600.	1769.	0.0819	4.10	9045.	21780.
791126	5644N	15145W	18708.5	32480.7	43129.9	383.	14.0	15200.	995.	0.0655	4.32	6571.	21340.
7910 2	5603N	15340W	18667.2	32821.3	43753.8	88.	15.3	15960.	1027.	0.0643	1.56	790.	33220.
791028	5507N	15702W	18564.2	33403.3	45043.0	112.	14.5	18800.	1029.	0.0547	3.68	743.	40480.
791018	5802N	14846W	18745.8	31940.8	43056.2	345.	12.5	21600.	1111.	0.0514	4.55	8728.	19800.
791130	5558N	15437W	18656.5	32937.9	44072.5	328.	14.0	15200.	686.	0.0451	4.69	1969.	13860.
781029	5713N	15046W	18727.2	32282.4	43002.7	328.	15.0	10800.	473.	0.0438	4.11	8343.	19580.
7910 4	5619N	15228W	18687.4	32643.8	43371.1	399.	11.7	21600.	934.	0.0433	4.33	6994.	15400.
791125	5619N	15301W	18685.1	32695.1	43502.0	164.	12.0	15200.	627.	0.0412	2.27	469.	7920.
7811 4	5927N	14504W	18747.9	31411.0	43224.9	355.	20.5	14400.	592.	0.0411	3.13	4990.	17820.
7910 3	5503N	15711W	18555.4	33435.6	45104.1	109.	18.0	15200.	592.	0.0389	2.56	254.	27940.
791214	5522N	15527W	18605.2	33165.4	44461.4	394.	13.8	15960.	564.	0.0354	4.07	12413.	31020.
791217	5457N	15715W	18543.9	33464.6	45139.6	126.	18.2	15960.	556.	0.0349	2.77	432.	29480.
781031	5808N	14845W	18747.0	31915.3	43069.8	328.	18.0	14400.	457.	0.0318	5.22	18248.	29700.
7910 3	5631N	15153W	18699.0	32544.1	43207.8	368.	11.1	21600.	651.	0.0301	4.40	13789.	20020.
7810 9	5448N	15755W	18516.5	33577.3	45391.4	98.	12.0	9430.	276.	0.0292	2.83	647.	25300.
791022	5623N	15233W	18690.4	32635.7	43369.6	366.	15.0	20000.	569.	0.0284	4.69	7146.	19800.
7910 7	5559N	15357W	18661.5	32865.3	43655.0	93.	17.5	15960.	435.	0.0273	1.80	839.	34100.
791124	5628N	15203W	18696.2	32570.7	43248.2	383.	14.0	15200.	410.	0.0270	4.80	1831.	9020.
791023	5500N	15710W	18550.4	33444.1	45104.3	98.	12.5	15750.	419.	0.0266	3.24	440.	14520.
7910 3	5558N	15359W	18660.3	32872.6	43669.0	93.	18.5	15960.	397.	0.0248	2.06	600.	49500.
7811 8	5839N	14813W	18750.7	31756.0	43147.3	355.	17.0	14400.	352.	0.0244	3.20	18702.	36520.
7910 8	5615N	15301W	18681.6	32710.9	43520.4	372.	19.1	15960.	366.	0.0229	3.05	31041.	39160.
791215	5500N	15712W	18549.9	33448.1	45116.1	115.	15.5	15960.	365.	0.0229	2.55	112.	27500.
791017	5817N	14829W	18748.6	31862.1	43089.4	306.	12.8	21600.	460.	0.0213	2.57	10810.	19360.
7911 2	5516N	15630W	18585.3	33307.5	44835.7	82.	15.0	19600.	401.	0.0204	2.64	1561.	23980.
791213	5554N	15436W	18652.2	32951.9	44080.2	372.	12.0	15960.	316.	0.0198	3.37	2534.	36300.
791212	5621N	15234W	18688.7	32645.1	43383.1	410.	15.5	15960.	302.	0.0189	3.63	12287.	39160.
781010	5450N	15751W	18521.5	33562.3	45364.3	101.	16.0	13940.	262.	0.0188	3.93	391.	30580.
7910 5	5454N	15731W	18534.4	33507.5	45239.3	109.	18.0	15200.	287.	0.0189	2.15	721.	24200.
7911 1	5525N	15614W	18601.7	33243.3	44721.0	109.	17.5	17500.	297.	0.0170	3.94	618.	18920.
7811 5	5912N	14649W	18749.9	31548.4	43216.9	355.	17.5	14400.	238.	0.0166	3.52	23975.	39160.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE C-18 (continued). FLOUNDERS, OCTOBER-DECEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES ZX	ZY	ZZ	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	********	**********	*********	********	********
7912 2	5927N	14457W	18747.9	31406.0	43222.9	317.	15.3	15960.	259.	0.0162	2.79	14237.	40040.
791010	5756N	14900W	18744.4	31980.3	43044.9	339.	11.3	21600.	349.	0.0161	2.76	9383.	20240.
791030	5444N	15758W	18507.9	33596.9	45415.8	85.	14.0	18800.	283.	0.0151	2.56	1387.	35420.
791026	5804N	14842W	18746.3	31928.5	43060.1	437.	17.4	17390.	259.	0.0149	2.14	17120.	34320.
791024	5628N	15205W	18696.0	32573.7	43253.7	339.	16.5	20000.	296.	0.0148	4.76	9215.	18920.
791130	5912N	14700W	18749.9	31557.2	43221.4	372.	14.6	15960.	235.	0.0147	3.52	17921.	37180.
7910 6	5709N	15058W	18724.9	32314.5	43008.6	377.	10.5	21600.	272.	0.0126	3.70	28990.	38060.
771013	5928N	14518W	18747.8	31417.1	43231.8	427.	17.3	20000.	248.	0.0124	3.30	8178.	23980.
7910 4	5559N	15355W	18661.7	32862.0	43844.8	82.	17.8	15960.	197.	0.0123	1.65	499.	27940.
791019	5722N	15041W	18731.5	32239.0	43000.1	120.	8.2	21600.	244.	0.0113	2.25	540.	25960.
791030	5702N	15110W	18720.8	32359.1	43025.8	388.	17.0	20000.	216.	0.0108	4.46	14752.	22440.
791122	5559N	15331W	18664.0	32822.0	43726.9	191.	13.0	15200.	156.	0.0103	4.22	3058.	13200.
781C 7	5455N	15734W	18535.5	33510.2	45255.0	84.	17.0	15990.	161.	0.0101	1.86	704.	27720.
791130	5557N	15417W	18657.4	32907.2	43966.9	329.	14.0	15200.	153.	0.0100	5.19	6137.	17160.
781013	5910N	14716W	18750.1	31578.3	43221.9	437.	18.0	14000.	139.	0.0099	1.98	24094.	36960.
791C 9	5816N	14827W	18748.4	31864.1	43086.5	366.	11.3	21600.	200.	0.0096	2.79	12562.	24200.
791013	5829N	14820W	18750.0	31803.9	43119.9	328.	11.7	21600.	201.	0.0093	3.08	20820.	29260.
771019	5824N	14826W	18749.5	31830.4	43107.5	405.	12.5	18480.	160.	0.0086	7.15	2333.	12760.
791031	5526N	15627W	18601.0	33264.7	44795.0	98.	14.5	19600.	169.	0.0086	3.10	1166.	27280.
781C 1	5912N	14703W	18749.9	31559.6	43222.6	410.	23.2	20400.	177.	0.0087	4.60	12895.	21120.
7912 2	5442N	15752W	18505.8	33590.9	45384.0	109.	13.0	15200.	126.	0.0083	2.73	279.	5940.
791029	5529N	15631W	18604.8	33261.3	44811.9	98.	18.0	19600.	162.	0.0083	2.64	1017.	33880.
791024	5525N	15635W	18598.1	33284.1	44844.6	98.	14.5	21000.	167.	0.0079	2.60	1725.	35420.
781030	5723N	15014W	18732.5	32201.0	43000.8	328.	19.5	14400.	112.	0.0078	2.20	8013.	17820.
791011	5913N	14635W	18749.8	31533.3	43214.7	372.	18.7	15960.	124.	0.0078	2.50	24383.	28820.
791114	5501N	15717W	18550.5	33454.8	45143.4	88.	15.0	19600.	148.	0.0075	2.29	684.	27940.
781015	5450N	15749W	18522.1	33558.2	45352.5	104.	16.0	19200.	131.	0.0068	4.73	1624.	15840.
791030	5530N	15629W	18606.5	33253.6	44797.8	98.	17.0	19600.	135.	0.0069	3.81	696.	26400.
7810 5	5927N	14513W	18748.0	31417.4	43227.5	424.	29.3	20400.	136.	0.0067	5.75	6932.	12320.
791113	5508N	15702W	18565.9	33399.8	45040.9	93.	16.0	19600.	130.	0.0066	2.68	730.	28820.
791C 4	5552N	15734W	18629.2	33297.0	45157.2	115.	18.0	15200.	95.	0.0063	2.07	296.	26840.
791026	5616N	15300W	18682.6	32705.4	43511.5	383.	16.0	20000.	121.	0.0061	2.84	15548.	28820.
7912 8	5927N	14459W	18747.9	31407.4	43223.5	339.	13.0	15960.	85.	0.0053	2.83	14309.	30800.
771028	5859N	14744W	18750.8	31647.1	43198.8	446.	14.5	18480.	96.	0.0052	7.04	10556.	17820.
7810 1	5912N	14636W	18749.9	31538.1	43212.1	383.	18.0	20400.	97.	0.0047	3.30	11333.	20240.
791010	5735N	14952W	18737.5	32125.3	43011.2	366.	20.0	15960.	64.	0.0040	2.05	14320.	22440.
791027	5637N	15147W	18703.6	32513.6	43166.0	372.	21.0	20000.	74.	0.0037	4.45	12752.	17160.
781122	5448N	15730W	18523.6	33525.7	45244.7	334.	14.0	11520.	40.	0.0035	2.27	19485.	25960.
7910 6	5554N	15405W	18655.4	32898.4	43915.0	366.	18.9	15960.	49.	0.0031	1.85	16597.	24860.
771027	5911N	14701W	18750.0	31562.1	43218.7	418.	13.0	18480.	56.	0.0030	3.30	2574.	14300.
791123	5602N	15331W	18667.0	32810.4	43714.4	109.	12.0	15200.	45.	0.0030	2.67	306.	11880.
791017	5912N	14720W	18749.9	31573.4	43230.2	437.	20.4	15960.	42.	0.0026	4.25	13845.	18260.
7911 4	5555N	15335W	18659.5	32844.0	43762.5	109.	16.5	18000.	48.	0.0026	2.27	294.	30140.
781014	5818N	14826W	18740.7	31855.0	43091.4	383.	19.0	14000.	36.	0.0025	0.88	18847.	33440.
7710 6	5853N	14802W	18750.9	31687.8	43187.2	437.	9.3	14080.	35.	0.0025	3.08	2362.	9460.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE C-18 (continued). FLOUNDERS, OCTOBER-DECEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
7911 7	5527N	15632W	18601.6	33270.7	44822.4	93.	9.0	11500.	30.	0.0026	3.19	695.	18920.
791025	5522N	15629W	18594.6	33283.5	44816.0	93.	14.5	16450.	42.	0.0026	3.52	1872.	34980.
791029	5615N	15251W	18682.4	32695.2	43478.2	394.	0.0	12000.	31.	0.0025	3.30	3489.	7700.
7810 6	5451N	15746W	18524.8	33548.6	45333.0	82.	19.0	15990.	39.	0.0025	1.60	1200.	27060.
7912 9	5911N	14650W	18750.0	31553.3	43214.3	454.	15.2	15960.	39.	0.0024	3.15	20931.	34320.
791011	5849N	14806W	18750.9	31708.0	43176.0	334.	11.0	21600.	47.	0.0022	1.94	24588.	36080.
791121	5557N	15337W	18661.4	32839.6	43763.6	109.	12.0	15200.	31.	0.0021	1.73	193.	7480.
791C 5	5555N	15338W	18659.2	32849.0	43776.8	355.	18.7	15960.	33.	0.0021	1.32	30588.	44000.
7811 6	5852N	14804W	18750.9	31693.8	43184.8	355.	21.0	14400.	28.	0.0019	1.13	13459.	27940.
7912 7	5923N	14551W	18748.6	31460.3	43228.4	448.	16.0	15960.	31.	0.0019	3.85	16961.	41140.
791128	5659N	15123W	18718.7	32389.0	43042.1	383.	14.0	15200.	26.	0.0017	2.49	8460.	14960.
791027	5527N	15640W	18600.3	33286.4	44870.0	82.	15.0	19600.	31.	0.0016	2.42	857.	33660.
791012	5840N	14806W	18750.7	31745.3	43147.9	339.	11.3	21600.	32.	0.0015	3.63	8601.	23980.
7810 3	5846N	14803W	18750.9	31717.8	43165.2	407.	18.9	20400.	28.	0.0014	3.52	34057.	38500.
791128	5820N	14827W	18749.0	31847.8	43096.8	437.	15.2	15960.	21.	0.0013	3.52	14330.	35420.
791028	5528N	15632W	18603.1	33267.0	44820.1	88.	15.0	19600.	27.	0.0014	4.40	1554.	38060.
7810 5	5456N	15736W	18536.8	33510.9	45265.0	69.	16.0	15990.	16.	0.0011	0.73	421.	25520.
7911 6	5527N	15636W	18601.0	33278.6	44846.1	93.	12.0	14500.	15.	0.0011	2.20	428.	22220.
791028	5528N	15638W	18602.1	33278.7	44855.9	88.	15.5	19600.	20.	0.0010	1.76	1449.	36080.
7811 1	5808N	14843W	18747.0	31912.2	43069.5	465.	21.0	14400.	13.	0.0009	1.54	24635.	25740.
7710 8	5858N	14754W	18750.8	31659.9	43200.0	437.	13.3	18480.	14.	0.0008	1.32	3608.	12540.
7810 4	5455N	15734W	18535.5	33510.2	45255.0	66.	16.0	15990.	8.	0.0005	0.88	344.	29920.
7911 5	5529N	15628W	18605.2	33255.4	44794.1	98.	18.0	19000.	6.	0.0003	1.32	615.	39380.
791031	5721N	15011W	18731.7	32205.4	43000.2	399.	17.0	20000.	6.	0.0003	0.88	8688.	15180.
791028	5611N	15318W	18676.7	32753.9	43614.7	388.	10.0	15000.	4.	0.0002	1.32	6997.	12760.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

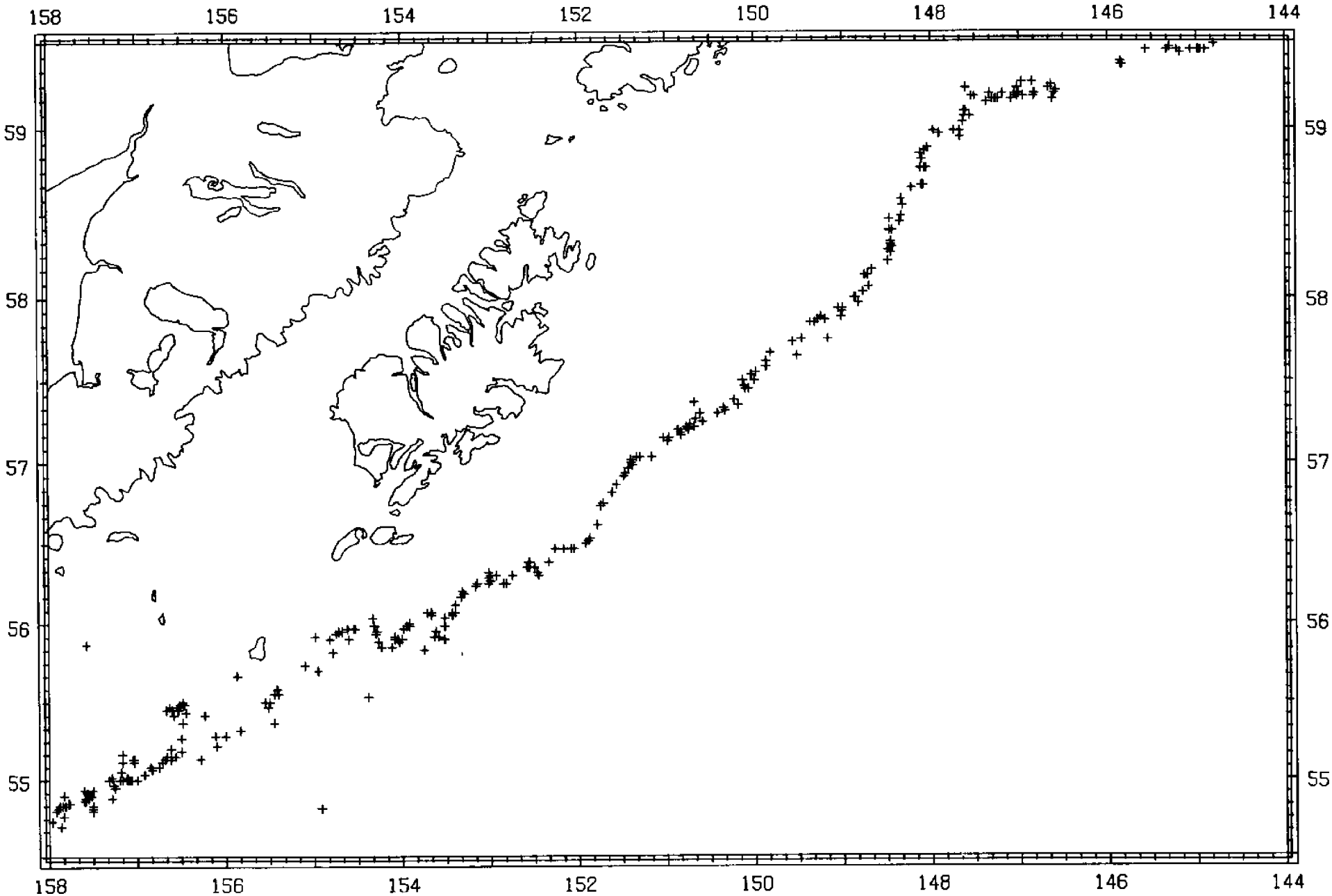


FIGURE C-4. FLOUNDERS, ALL MONTHS, 1977-1979

TABLE C-19. ROCKFISH, JANUARY-MARCH

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES ZX	ZY	ZZ	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
78 3 7	5551N	15407W	18651.9	32513.4	43936.5	328.	18.0	18480.	1540.	0.0833	1.30	3456.	21120.
78 3 4	5502N	15652W	18558.0	33400.9	44595.2	328.	18.0	18480.	1512.	0.0818	2.30	7321.	14300.
78 2 1	5618N	15300W	18684.3	32697.5	43502.2	350.	12.0	5400.	333.	0.0616	1.11	320.	3960.
78 3 3	5510N	15710W	18567.5	33408.7	45084.2	355.	20.0	19480.	1139.	0.0617	1.15	1982.	18700.
78 130	5715N	15035W	18725.4	32260.1	43000.9	355.	18.0	15120.	689.	0.0456	1.21	3787.	10560.
78 3 5	5509N	15634W	18573.4	33340.6	44675.2	339.	19.0	19480.	799.	0.0432	1.10	11213.	17820.
78 3 2	5451N	15747W	18524.8	33550.6	45339.0	355.	18.0	18480.	793.	0.0429	1.16	9067.	17600.
78 131	5622N	15233W	18685.5	32639.8	43374.5	355.	16.0	15120.	601.	0.0398	1.28	1701.	15180.
78 3 8	5701N	15124W	18719.8	32302.2	43036.5	343.	18.0	18480.	507.	0.0274	0.99	4254.	16500.
78 127	5840N	14805W	18750.7	31744.4	43147.5	355.	25.0	15120.	347.	0.0229	1.72	4062.	8800.
78 129	5733N	14953W	18736.8	32134.6	43008.9	383.	19.0	15120.	262.	0.0173	1.46	4208.	11440.
78 3 8	5652N	15134W	18714.1	32432.8	43078.3	355.	15.0	13200.	162.	0.0122	0.77	4345.	11000.
78 126	5913N	14640W	18749.8	31537.7	43216.5	355.	18.0	15120.	66.	0.0043	2.20	5783.	10120.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

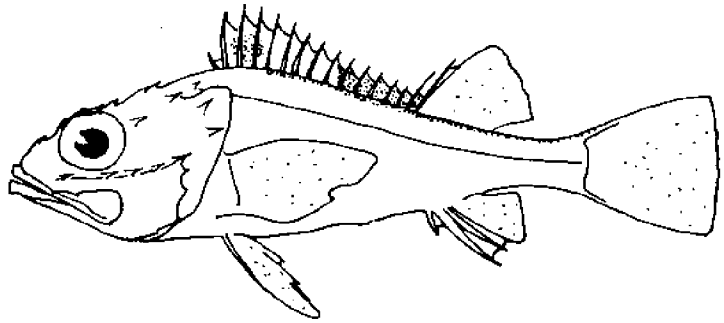


TABLE C-20. ROCKFISH, APRIL-JUNE

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
78 529	5504N	15650W	18561.8	33389.9	44579.3	355.	17.0	19200.	2772.	0.1444	1.15	45110.	56320.
78 628	5912N	14650W	18749.9	31549.2	43217.3	328.	14.0	20000.	2154.	0.1077	1.47	34900.	61380.
79 527	5554N	15331W	18658.9	32841.2	43747.9	410.	15.0	15120.	1544.	0.1021	1.51	14159.	24200.
79 524	5517N	15600W	18592.4	33245.8	44660.5	339.	14.0	16200.	1490.	0.0920	1.70	11568.	23100.
79 613	5800N	14852W	18745.4	31955.4	43052.5	328.	14.0	15120.	1330.	0.0880	1.43	7510.	22880.
79 514	5618N	15256W	18684.6	32691.2	43485.0	355.	14.5	15200.	1301.	0.0856	1.27	10299.	19800.
78 619	5720N	15021W	18731.0	32221.9	42999.9	355.	16.0	20000.	1710.	0.0855	1.49	26009.	45760.
78 620	5737N	14952W	18738.2	32117.1	43013.9	306.	14.0	20000.	1703.	0.0851	1.03	19534.	62260.
79 427	5512N	15637W	18577.6	33335.7	44885.7	284.	14.0	15200.	1266.	0.0833	1.37	4477.	16280.
79 5 7	5928N	14501W	18747.8	31405.1	43226.7	437.	14.0	15200.	1195.	0.0786	1.03	9013.	12540.
79 511	5621N	15235W	18688.6	32646.7	43386.8	383.	13.5	15200.	1191.	0.0784	1.24	8113.	26180.
79 6 1	5732N	15002W	18736.3	32149.5	43007.7	334.	16.0	15120.	1176.	0.0778	1.26	3072.	20460.
79 526	5544N	15411W	18643.7	32947.0	43983.0	355.	14.0	15120.	1155.	0.0764	1.37	10131.	23980.
79 529	5656N	15128W	18716.8	32408.2	43056.5	366.	16.0	15120.	1121.	0.0741	1.18	9137.	21340.
78 524	5728N	15007W	18734.6	32172.0	43003.9	328.	13.8	16800.	1233.	0.0734	3.23	5907.	12980.
79 628	5649N	15137W	18712.1	32449.1	43094.6	328.	23.5	18400.	1342.	0.0729	2.26	7327.	25300.
79 525	5533N	15524W	18620.6	33118.9	44412.7	372.	14.0	15120.	1023.	0.0677	1.27	13269.	22880.
79 6 2	5740N	14949W	18739.3	32101.2	43018.2	334.	16.0	15120.	1020.	0.0674	1.23	1863.	20900.
79 523	5508N	15637W	18571.2	33350.0	44894.9	328.	13.0	15120.	1002.	0.0662	1.34	14258.	21120.
78 629	5929N	14448W	18747.6	31392.2	43225.8	320.	15.0	20000.	1254.	0.0627	0.87	26236.	49720.
79 615	5624N	14828W	18749.5	31832.4	43108.0	328.	17.0	14040.	869.	0.0619	1.29	9576.	20460.
79 614	5752N	14912W	18743.2	32009.8	43037.8	355.	18.0	15120.	924.	0.0611	1.19	12009.	22220.
79 426	5550N	15345W	18653.2	32879.9	43830.7	372.	13.0	19200.	1156.	0.0602	1.29	10925.	18040.
79 614	5645N	15143W	18709.3	32473.8	43121.7	323.	16.0	19200.	1081.	0.0563	0.98	24161.	36740.
79 5 9	5628N	15216W	18695.4	32590.1	43286.7	284.	12.5	15200.	851.	0.0560	1.19	9874.	27280.
79 616	5702N	15118W	18720.6	32369.9	43030.1	328.	15.0	19080.	959.	0.0524	1.08	14793.	27500.
79 6 3	5753N	14915W	18743.5	32009.0	43040.0	326.	15.0	15120.	788.	0.0521	1.10	6603.	19580.
79 630	5927N	14520W	18748.0	31422.3	43229.7	394.	18.0	16800.	858.	0.0511	2.23	1837.	12980.
78 516	5612N	15319W	18677.5	32751.6	43615.0	355.	15.0	20160.	987.	0.0490	1.59	16037.	23100.
79 618	5655N	15129W	18716.1	32413.6	43061.1	345.	17.0	19080.	921.	0.0482	1.15	14153.	20240.
78 421	5533N	15527W	18620.2	33124.5	44429.6	301.	17.2	22260.	1039.	0.0467	2.30	8442.	18480.
78 615	5653N	15131W	18714.8	32424.5	43070.7	312.	12.0	20000.	928.	0.0464	1.11	25313.	55880.
79 531	5718N	15037W	18729.8	32250.4	43000.0	328.	15.0	15120.	699.	0.0462	1.21	7920.	21340.
78 625	5906N	14736W	18750.4	31611.4	43218.0	334.	14.0	20000.	911.	0.0455	1.16	25601.	61380.
79 617	5709N	15102W	18724.6	32319.8	43009.5	306.	16.0	19080.	859.	0.0450	1.09	23011.	25960.
78 514	5542N	15457W	18635.7	33035.6	44234.8	334.	17.5	20160.	844.	0.0419	3.28	101.	11440.
79 517	5615N	15315W	18680.6	32733.2	43583.3	410.	13.5	15200.	634.	0.0417	0.99	10838.	18700.
79 429	5614N	15310W	18680.1	32729.2	43564.8	328.	18.1	23520.	964.	0.0410	1.01	9432.	16280.
79 629	5632N	15152W	18699.8	32538.7	43200.7	328.	19.5	18400.	723.	0.0393	1.48	7530.	13860.
78 618	5714N	15044W	18727.7	32275.7	43001.9	334.	15.0	20000.	773.	0.0387	1.03	27250.	41140.
79 5 1	5558N	15433W	18656.9	32931.0	44050.3	372.	12.0	19200.	715.	0.0372	1.21	7808.	16940.
79 615	5712N	15052W	18726.6	32294.3	43004.2	339.	15.0	19080.	709.	0.0372	1.05	13468.	26400.
79 430	5730N	15008W	18735.4	32165.0	43005.6	383.	14.0	16800.	612.	0.0364	1.25	12423.	18920.
79 530	5708N	15059W	18724.4	32319.9	43010.3	328.	15.0	15120.	548.	0.0362	1.15	8233.	20460.
79 424	5505N	15651W	18563.3	33388.4	44582.9	410.	16.0	15200.	546.	0.0359	2.16	21818.	25520.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE C-20 (continued). ROCKFISH, APRIL-JUNE

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES ZX	ZY	ZZ	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	********	********	**********	*********	********	********
79 425	5554N	15449W	18650.8	32974.8	44152.4	317.	14.0	19200.	644.	0.0336	1.52	1002.	10560.
79 512	5630N	15155W	18696.1	32551.0	43217.5	328.	15.5	15200.	499.	0.0328	1.07	13426.	17600.
79 424	5551N	15414W	18651.2	32525.4	43572.7	328.	13.0	19200.	630.	0.0328	1.15	5804.	20020.
79 516	5615N	15309W	18681.0	32723.6	43555.8	372.	13.5	15200.	482.	0.0317	0.88	11452.	17820.
78 426	5621N	15230W	18688.9	32639.0	43368.5	383.	18.5	22260.	697.	0.0313	1.30	3075.	15400.
79 429	5730N	15000W	18735.5	32155.3	43005.7	394.	14.0	19200.	595.	0.0310	1.59	8737.	16940.
79 513	5618N	15245W	18685.4	32674.0	43439.8	427.	14.5	15200.	448.	0.0295	1.24	10550.	20020.
79 510	5623N	15220W	18691.2	32615.9	43324.3	410.	14.0	15200.	420.	0.0276	1.75	18218.	24420.
78 5 1	5615N	15249W	18682.5	32692.0	43470.0	317.	17.3	22260.	593.	0.0266	1.19	4113.	11660.
78 624	5901N	14755W	18750.7	31648.3	43210.4	306.	13.0	20000.	503.	0.0251	1.76	39231.	49060.
79 423	5540N	15552W	18626.0	33144.4	44554.8	339.	13.0	19200.	473.	0.0246	1.47	1812.	17160.
79 621	5501N	15707W	18552.9	33434.5	45084.7	164.	17.5	27000.	657.	0.0243	1.01	3675.	19800.
79 428	5500N	15705W	18551.6	33434.0	45075.1	301.	17.0	15200.	358.	0.0235	1.16	8032.	22880.
78 429	5558N	15432W	18657.0	32929.2	44044.8	301.	18.0	22260.	516.	0.0232	1.29	3293.	12980.
78 427	5603N	15326W	18668.4	32798.3	43886.5	339.	16.3	22260.	484.	0.0218	1.21	2997.	7700.
79 430	5528N	15531W	18612.9	33150.6	44466.4	383.	18.3	23520.	469.	0.0199	1.30	13233.	16720.
78 422	5553N	15402W	18654.7	32897.1	43903.4	317.	16.1	22260.	437.	0.0196	1.14	8144.	18480.
78 5 5	5535N	15525W	18623.1	33113.2	44412.6	301.	16.0	22260.	427.	0.0192	1.15	6199.	10340.
79 627	5702N	15120W	18720.5	32372.7	43031.3	328.	24.5	17020.	299.	0.0176	1.21	6179.	18920.
78 424	5616N	15310W	18681.9	32721.3	43555.8	328.	16.5	22260.	368.	0.0166	0.97	7057.	17160.
79 630	5511N	15630W	18577.4	33325.6	44847.4	317.	20.1	18400.	290.	0.0157	1.05	14382.	25520.
78 423	5557N	15441W	18655.0	32948.9	44096.0	328.	16.3	22260.	352.	0.0158	1.20	7049.	21120.
78 430	5556N	15445W	18653.5	32959.9	44123.6	328.	16.3	22260.	343.	0.0154	1.22	4694.	8580.
79 428	5710N	15050W	18725.8	32299.9	43006.0	383.	14.0	19200.	283.	0.0147	1.52	8575.	17380.
79 425	5517N	15607W	18591.1	33259.2	44700.4	334.	18.5	15200.	212.	0.0139	1.70	10896.	15840.
79 423	5507N	15643W	18568.3	33365.4	44931.9	383.	18.0	15200.	212.	0.0140	0.91	9154.	19800.
78 627	5914N	14701W	18749.7	31549.9	43228.1	355.	14.0	20000.	276.	0.0138	0.98	36684.	40480.
78 428	5556N	15418W	18656.3	32912.8	43975.8	317.	7.3	8268.	111.	0.0134	0.91	607.	2860.
78 5 2	5719N	15020W	18730.6	32224.8	42599.9	383.	17.2	22260.	278.	0.0125	1.30	5370.	10560.
79 515	5628N	15210W	18695.7	32581.1	43268.2	301.	16.0	15200.	178.	0.0117	1.01	6788.	12980.
78 518	5658N	15126W	18718.0	32397.2	43047.8	345.	15.8	19200.	187.	0.0098	1.43	3902.	14520.
78 5 3	5712N	15045W	18726.7	32285.2	43003.5	301.	19.3	22260.	153.	0.0069	1.09	6858.	10560.
79 422	5519N	15550W	18597.1	33219.5	44598.5	301.	13.0	15200.	42.	0.0028	1.51	15045.	16500.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE C-21. ROCKFISH, JULY-SEPTEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES ZX	ZY	ZZ	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
77 921	5842N	14863W	18750.0	31734.3	43152.9	410.	16.2	14800.	3495.	0.2361	2.68	1586.	17600.
79 930	5727N	15006W	18734.3	32174.8	43003.2	383.	18.5	15960.	2960.	0.1855	1.20	16762.	29480.
79 826	5503N	15641W	18570.4	33357.9	44518.1	528.	11.5	16800.	2084.	0.1240	1.23	19535.	33880.
78 921	5859N	14740W	18750.0	31943.7	43197.1	470.	19.6	20400.	2508.	0.1229	1.71	31574.	40920.
79 924	5607N	15324W	18672.4	32779.4	43660.1	339.	13.5	15960.	1947.	0.1220	1.32	21169.	31020.
78 926	5756N	14900W	18744.4	31920.3	43044.9	399.	18.0	15990.	1869.	0.1169	1.42	27290.	35420.
78 922	5910N	14705W	18750.1	31569.4	43217.2	410.	17.8	20400.	2365.	0.1159	1.82	29027.	37840.
79 916	5545N	15405W	18645.5	32932.9	43948.9	355.	15.0	21280.	2407.	0.1131	1.23	25076.	32340.
77 926	5756N	14903W	18744.3	31983.6	43045.1	394.	15.0	14800.	1649.	0.1114	2.01	15978.	28160.
78 8 5	5810N	14840W	18747.4	31901.9	43073.9	410.	16.1	23200.	2318.	0.0999	1.65	11827.	25080.
77 929	5912N	14702W	18749.9	31958.8	43222.2	410.	18.7	14800.	1480.	0.1000	2.34	9052.	21340.
78 824	5502N	15655W	18557.4	33406.9	45612.7	383.	17.0	19200.	1897.	0.0988	1.36	17863.	27060.
78 924	5846N	14804W	18750.9	31718.7	43165.6	410.	16.8	20400.	1981.	0.0971	1.36	13833.	23540.
79 7 3	5713N	15041W	18727.3	32276.0	43002.3	355.	18.3	16800.	1623.	0.0966	1.14	8172.	15400.
79 7 2	5724N	15009W	18733.0	32190.7	43001.3	372.	18.3	16800.	1595.	0.0949	1.23	7636.	16280.
79 929	5716N	15040W	18720.8	32262.4	43000.7	372.	19.7	15960.	1500.	0.0940	1.43	22713.	32560.
77 930	5843N	14903W	18750.8	31730.2	43156.0	394.	17.6	14800.	1355.	0.0915	1.39	9201.	22880.
77 924	5830N	14820W	18750.1	31799.8	43122.8	394.	15.8	14800.	1328.	0.0897	2.04	12236.	24200.
78 825	5450N	15730W	18527.3	33519.0	45240.9	317.	15.0	19200.	1688.	0.0879	0.88	27043.	39380.
79 7 4	5643N	15144W	18707.9	32483.3	43132.5	383.	18.0	16800.	1471.	0.0876	1.21	13054.	23540.
78 929	5727N	15004W	18734.3	32172.4	43003.2	407.	20.0	15990.	1369.	0.0856	1.39	4334.	7700.
78 928	5927N	14454W	18747.9	31403.9	43222.1	410.	16.8	20400.	1692.	0.0830	1.13	7422.	12540.
79 927	5623N	15234W	18690.3	32637.2	43373.3	372.	19.3	15960.	1256.	0.0787	1.13	18510.	25740.
79 926	5551N	15414W	18651.2	32925.4	43572.7	355.	18.7	15960.	1250.	0.0783	1.15	25491.	33660.
79 825	5508N	15617W	18575.4	33310.9	44780.1	328.	11.5	16800.	1310.	0.0779	1.12	25473.	41800.
79 8 5	5833N	14819W	18750.3	31796.5	43131.2	410.	11.0	17640.	1331.	0.0754	1.11	10449.	24640.
78 818	5753N	14910W	18743.5	32003.9	43039.8	366.	17.0	17220.	1267.	0.0736	1.68	6411.	18480.
79 830	5922N	14551W	18748.7	31464.2	43225.6	383.	11.0	16800.	1224.	0.0729	1.61	28920.	39820.
78 7 4	5751N	14922W	18742.9	32025.0	43036.5	350.	16.0	20000.	1447.	0.0724	0.81	26602.	42680.
78 930	5745N	14928W	18741.1	32056.4	43025.8	402.	22.0	15990.	1156.	0.0723	1.19	12349.	20020.
79 7 5	5606N	15322W	18671.7	32780.0	43655.0	383.	19.0	16800.	1211.	0.0721	1.11	10914.	25080.
78 815	5842N	14738W	18750.0	31711.4	43144.9	355.	17.0	17220.	1224.	0.0711	2.36	5810.	17820.
79 923	5616N	15300W	18682.6	32705.4	43511.5	366.	20.0	15960.	1125.	0.0705	1.05	14102.	24640.
78 924	5752N	14917W	18743.2	32015.4	43036.1	394.	17.0	15990.	1125.	0.0703	1.17	18206.	24860.
79 912	5718N	15025W	18730.1	32235.1	42999.9	355.	13.5	16800.	1177.	0.0700	1.03	15007.	25300.
79 926	5904N	14737W	18750.5	31620.5	43211.9	355.	16.5	15200.	1037.	0.0682	1.30	13568.	16940.
78 920	5859N	14758W	18750.8	31659.3	43205.2	377.	19.8	20400.	1326.	0.0650	1.88	23947.	37620.
79 814	5758N	14849W	18744.9	31960.3	43046.0	383.	17.0	21280.	1361.	0.0640	1.39	16715.	31020.
79 8 7	5753N	14901W	18743.6	31993.6	43039.0	394.	11.0	17640.	1125.	0.0638	1.10	13144.	26620.
79 911	5554N	15403W	18655.6	32895.0	43504.7	301.	15.0	21280.	1354.	0.0637	1.49	12181.	18700.
79 921	5621N	15233W	18688.7	32643.8	43379.4	372.	18.7	15960.	1014.	0.0635	0.99	14302.	27940.
79 7 6	5525N	15540W	18607.3	33178.6	44525.6	366.	21.0	16800.	1057.	0.0629	1.07	13332.	23540.
78 925	5857N	14740W	18750.8	31651.9	43190.7	355.	16.3	20400.	1282.	0.0629	1.11	17122.	24200.
79 731	5530N	15530W	18615.7	33145.3	44453.1	355.	16.0	13680.	851.	0.0622	1.18	4414.	10340.
79 816	5500N	15707W	18551.1	33438.0	45086.8	394.	18.0	17640.	1085.	0.0615	1.12	11759.	20020.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE C-21 (continued). ROCKFISH, JULY-SEPTEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES ZX	ZY	ZZ	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
78 823	5505N	15645W	18564.6	33376.5	44548.0	427.	17.0	19200.	1160.	0.0604	1.32	24429.	38280.
79 8 6	5819N	14827W	18746.9	31851.9	43094.2	399.	10.0	17640.	1055.	0.0598	1.10	16635.	25080.
78 826	5500N	15706W	18551.4	33436.0	45081.0	273.	18.0	19200.	1142.	0.0595	1.95	15044.	30580.
79 913	5553N	15416W	18653.2	32921.1	43576.0	328.	15.0	21280.	1257.	0.0591	1.11	18252.	28380.
78 720	5500N	15658W	18553.3	33419.9	45034.4	328.	19.5	20000.	1144.	0.0572	1.48	38103.	51260.
77 925	5820N	14829W	18749.0	31849.8	43097.3	410.	15.5	14800.	831.	0.0562	1.06	23870.	42900.
78 827	5446N	15750W	18514.1	33573.6	45365.4	279.	17.0	19200.	1068.	0.0556	1.45	18623.	37180.
79 8 4	5912N	14700W	18749.9	31557.2	43221.4	301.	10.0	17640.	982.	0.0557	1.95	1224.	12980.
79 913	5711N	15050W	18726.1	32295.8	43004.9	383.	12.5	16800.	928.	0.0552	0.96	27119.	38280.
77 927	5846N	14804W	18750.9	31718.7	43165.6	383.	16.2	14800.	776.	0.0524	2.49	9150.	21780.
78 817	5803N	14845W	18746.1	31935.7	43058.3	355.	16.0	17220.	896.	0.0520	1.40	3285.	10740.
79 723	5604N	15326W	18669.4	32794.4	43682.3	328.	17.0	14400.	744.	0.0517	1.47	6678.	12100.
79 811	5617N	15301W	18683.4	32703.0	43511.2	399.	13.0	17640.	907.	0.0514	1.06	4771.	14080.
79 925	5914N	14738W	18749.7	31578.2	43244.8	301.	18.0	15200.	770.	0.0507	1.34	5269.	12320.
79 8 4	5509N	15640W	18572.2	33352.4	44910.0	383.	16.0	14400.	716.	0.0497	1.39	7211.	12540.
79 915	5602N	15420W	18662.5	32892.7	43965.5	246.	15.0	21280.	1020.	0.0479	1.73	6539.	23760.
79 7 7	5500N	15700W	18552.8	33423.9	45046.0	372.	20.0	16800.	787.	0.0469	1.13	9676.	19360.
79 8 5	5500N	15704W	18551.8	33432.0	45069.3	383.	13.0	12960.	592.	0.0457	1.27	6286.	11440.
79 9 3	5927N	14458W	18747.9	31406.7	43223.2	492.	12.0	16800.	744.	0.0443	0.98	17191.	29700.
79 813	5700N	15124W	18719.2	32386.3	43039.8	383.	16.0	21280.	941.	0.0442	1.33	16037.	23760.
79 817	5758N	14849W	18744.9	31960.3	43048.0	383.	20.0	26600.	1139.	0.0428	1.40	12092.	30800.
79 927	5910N	14646W	18750.1	31554.1	43209.7	383.	16.0	15200.	635.	0.0417	1.25	16251.	21340.
79 910	5926N	14511W	18748.1	31419.7	43224.2	437.	13.1	16800.	684.	0.0407	1.65	28559.	40040.
79 725	5530N	15533W	18615.3	33146.9	44472.0	355.	17.0	14400.	559.	0.0388	1.54	5729.	10560.
79 910	5554N	15400W	18655.9	32889.9	43889.4	301.	15.0	21280.	828.	0.0389	1.13	12720.	22220.
79 9 2	5928N	14440W	18747.7	31390.4	43221.1	492.	12.0	16800.	645.	0.0384	1.67	8855.	24200.
79 812	5610N	15320W	18675.6	32761.1	43628.4	383.	15.0	17640.	674.	0.0382	1.13	6545.	15400.
78 929	5927N	14513W	18748.0	31417.4	43227.5	448.	17.8	20400.	722.	0.0354	1.73	12700.	20680.
78 918	5813N	14829W	18748.0	31878.4	43079.4	383.	20.2	20400.	717.	0.0351	1.90	15444.	30580.
78 7 6	5755N	14900W	18744.1	31984.4	43042.8	345.	13.0	19500.	679.	0.0348	1.74	22963.	30360.
79 830	5453N	15717W	18536.3	33482.3	45159.3	410.	16.3	19950.	668.	0.0335	1.35	14313.	21120.
77 926	5913N	14644W	18749.8	31540.4	43218.1	448.	15.3	14800.	478.	0.0323	1.61	10846.	22000.
79 829	5922N	14550W	18748.7	31463.5	43225.2	437.	11.0	16800.	539.	0.0321	1.38	12179.	29700.
79 724	5557N	15443W	18654.8	32952.4	44109.2	355.	16.5	14400.	453.	0.0315	1.25	4547.	12540.
78 923	5911N	14637W	18750.0	31542.9	43209.4	410.	19.3	20400.	631.	0.0309	1.76	17620.	25960.
78 814	5902N	14738W	18750.6	31629.6	43205.9	355.	16.0	17220.	522.	0.0303	1.58	4933.	11440.
78 728	5745N	14910W	18741.3	32036.0	43025.3	301.	15.5	23200.	691.	0.0298	1.10	7581.	10780.
79 727	5604N	15324W	18669.6	32791.1	43672.9	328.	16.0	14400.	424.	0.0295	1.51	5681.	8580.
78 8 4	5821N	14828W	18749.1	31844.7	43099.7	399.	17.3	23200.	672.	0.0290	1.48	11924.	26400.
79 730	5559N	15419W	18659.4	32902.8	43970.6	328.	16.0	14400.	411.	0.0285	1.11	6768.	11220.
78 8 2	5909N	14722W	18750.2	31587.4	43221.4	437.	16.1	23200.	661.	0.0285	1.73	6845.	10560.
78 919	5827N	14821W	18749.8	31813.1	43114.5	448.	11.0	7650.	213.	0.0278	1.32	4800.	7920.
78 928	5733N	14959W	18736.7	32141.8	43008.8	416.	20.0	15990.	440.	0.0275	1.45	14494.	22000.
78 727	5800N	14851W	18745.4	31954.3	43052.4	383.	17.0	23200.	632.	0.0272	1.34	2745.	7920.
78 731	5911N	14657W	18750.0	31558.9	43217.0	383.	17.0	23200.	599.	0.0258	1.09	10633.	18920.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE C-21 (continued). ROCKFISH, JULY-SEPTEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
78 8 1	5927N	14534W	18748.0	31432.4	43234.1	383.	16.1	23200.	570.	0.0246	1.37	2228.	9680.
79 8 9	5739N	14931W	18739.2	32084.3	43016.6	410.	11.0	16800.	396.	0.0236	1.13	2687.	10340.
79 8 2	5513N	15606W	18585.2	33271.8	44704.9	355.	18.0	14400.	337.	0.0234	1.83	6255.	8140.
79 829	5448N	15745W	18515.4	33556.6	45332.5	437.	16.2	19950.	461.	0.0231	2.60	11481.	18260.
79 721	5534N	15450W	18626.7	33053.3	44222.4	383.	20.3	18400.	415.	0.0225	1.54	16749.	27280.
78 816	5827N	14823W	18749.8	31815.1	43115.1	355.	16.0	17220.	387.	0.0225	1.73	4377.	11660.
79 8 3	5927N	14504W	18747.9	31411.0	43224.9	383.	11.0	17640.	392.	0.0222	0.99	9360.	23320.
79 729	5555N	15405W	18656.5	32894.5	43911.2	328.	16.5	14400.	318.	0.0221	1.31	8227.	12100.
79 8 8	5751N	14919W	18742.9	32021.7	43036.3	383.	11.0	17640.	384.	0.0218	1.69	13780.	26620.
79 812	5618N	15227W	18686.6	32646.2	43372.5	437.	15.5	21280.	458.	0.0215	0.99	2084.	9460.
79 928	5910N	14714W	18750.1	31576.7	43221.0	355.	17.0	15200.	311.	0.0205	1.20	2213.	5060.
79 8 1	5517N	15548W	18594.5	33223.0	44592.6	328.	17.0	14400.	291.	0.0202	2.01	9272.	11880.
78 730	5910N	14637W	18750.0	31546.9	43206.5	383.	16.2	23200.	461.	0.0199	1.10	8823.	20240.
79 728	5618N	15256W	18684.6	32691.2	43485.0	355.	18.0	15480.	272.	0.0176	1.37	6001.	11220.
79 726	5549N	15447W	18645.3	32990.8	44157.2	328.	16.0	13680.	225.	0.0165	1.69	5768.	9680.
78 9 8	5458N	15716W	18545.4	33463.1	45143.5	115.	15.3	20000.	309.	0.0155	1.48	469.	13640.
79 8 3	5449N	15455W	18563.7	33222.1	44395.6	328.	11.0	9000.	137.	0.0153	1.17	4062.	6820.
78 9 6	5453N	15735W	18531.5	33519.1	45264.6	115.	16.3	20000.	301.	0.0150	1.47	378.	16720.
78 8 3	5846N	14807W	18750.9	31721.4	43166.8	437.	18.1	23200.	329.	0.0142	1.51	18040.	28600.
79 7 1	5449N	15730W	18525.5	33522.4	45242.8	312.	17.4	18400.	237.	0.0129	0.98	9268.	18920.
78 7 3	5906N	14740W	18750.4	31614.7	43219.9	312.	14.0	20000.	256.	0.0128	1.22	18539.	21780.
79 720	5515N	15600W	18589.4	33253.1	44665.7	328.	16.1	18400.	235.	0.0128	1.10	16269.	18040.
78 726	5532N	15423W	18627.9	33012.9	44087.9	355.	16.4	23200.	293.	0.0126	1.58	4070.	9240.
78 729	5846N	14807W	18750.9	31721.4	43166.8	301.	16.4	23200.	278.	0.0120	2.11	7952.	10780.
79 922	5604N	15340W	18668.2	32817.4	43749.8	93.	18.5	15960.	138.	0.0087	1.27	540.	21560.
78 5 5	5453N	15735W	18531.5	33519.1	45264.6	115.	15.3	20000.	163.	0.0081	1.74	703.	18700.
77 923	5638N	14816W	18750.6	31762.9	43145.3	427.	14.8	13320.	101.	0.0076	0.67	794.	14960.
79 925	5604N	15343W	18667.9	32822.4	43764.6	93.	17.7	15960.	121.	0.0076	1.72	305.	22000.
79 920	5604N	15340W	18668.2	32817.4	43749.8	88.	17.1	15960.	113.	0.0071	1.98	611.	31240.
78 9 8	5453N	15735W	18531.5	33519.1	45264.6	115.	8.5	10000.	41.	0.0041	1.40	154.	3960.
79 912	5555N	15459W	18650.9	32988.6	44205.9	98.	14.0	21280.	81.	0.0038	1.79	531.	26400.
78 714	5456N	15730W	18538.3	33498.6	45229.6	88.	16.0	20000.	66.	0.0033	1.71	81.	9240.
79 515	5544N	15506W	18637.0	33044.1	44278.8	109.	9.5	16800.	49.	0.0029	1.65	1403.	18260.
78 9 7	5452N	15736W	18529.4	33524.6	45272.4	115.	15.2	19000.	46.	0.0024	2.17	183.	14520.
78 9 3	5453N	15735W	18531.5	33519.1	45264.6	120.	16.4	20000.	40.	0.0020	2.26	248.	24860.
78 722	5501N	15717W	18550.5	33454.8	45143.4	77.	15.8	20000.	32.	0.0016	3.85	86.	13420.
79 828	5453N	15733W	18532.1	33515.0	45252.9	98.	15.3	19950.	27.	0.0014	4.18	265.	30580.
78 9 2	5453N	15735W	18531.5	33519.1	45264.6	115.	17.0	20000.	26.	0.0013	1.32	499.	24640.
79 928	5600N	15355W	18662.7	32858.1	43840.9	88.	17.0	15960.	6.	0.0004	1.32	2413.	60060.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE C-22. ROCKFISH, OCTOBER-DECEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	********	********	**********	*********	********	********
791C 5	5555N	15338W	18659.2	32849.0	43776.8	355.	18.7	15960.	3927.	0.2460	1.18	30588.	44000.
781013	5910N	14716W	18750.1	31578.3	43221.9	437.	18.0	14000.	3352.	0.2394	3.67	24094.	36960.
791026	5804N	14842W	18746.3	31928.5	43060.1	437.	17.4	17390.	3828.	0.2201	1.37	17120.	34320.
781014	5818N	14826W	18748.7	31855.0	43091.4	383.	19.0	14000.	2673.	0.1910	2.36	18847.	33440.
7811 4	5927N	14504W	18747.9	31411.0	43224.9	355.	20.5	14400.	2098.	0.1457	2.91	4990.	17820.
771030	5926N	14517W	18748.1	31424.0	43226.0	410.	11.5	8800.	1138.	0.1293	4.81	9233.	17160.
781017	5750N	14917W	18742.7	32023.5	43034.3	383.	21.0	14000.	1785.	0.1275	1.35	12098.	25740.
791018	5802N	14846W	18745.8	31940.8	43056.2	345.	12.5	21600.	2685.	0.1243	1.64	8728.	19800.
7910 6	5554N	15405W	18655.4	32898.4	43915.0	366.	18.9	15960.	1902.	0.1192	1.20	16597.	24860.
791025	5554N	15402W	18655.7	32893.2	43899.6	394.	16.0	20000.	2305.	0.1153	1.38	4417.	9900.
771013	5928N	14518W	18747.8	31417.1	43231.8	427.	17.3	20000.	2183.	0.1092	2.16	8178.	23980.
781122	5448N	15730W	18523.6	33525.7	45244.7	334.	14.0	11520.	1218.	0.1057	1.39	19485.	25960.
7910 7	5744N	14934W	18740.7	32067.4	43024.3	334.	10.9	21600.	2255.	0.1044	1.33	9045.	21780.
791010	5735N	14952W	18737.5	32125.3	43011.2	366.	20.0	15960.	1630.	0.1021	1.27	14320.	22440.
791024	5628N	15205W	18696.0	32573.7	43253.7	339.	16.5	20000.	1881.	0.0941	1.96	9215.	18920.
791013	5829N	14820W	18750.0	31803.9	43119.9	328.	11.7	21600.	1895.	0.0877	1.75	20820.	29260.
791031	5721N	15011W	18731.7	32205.4	43000.2	399.	17.0	20000.	1741.	0.0870	1.24	8688.	15180.
791012	5840N	14806W	18750.7	31745.3	43147.9	339.	11.3	21600.	1843.	0.0853	1.22	8601.	23980.
791017	5912N	14720W	18749.9	31573.4	43230.2	437.	20.4	15960.	1356.	0.0849	1.51	13845.	18260.
791010	5756N	14900W	18744.4	31980.3	43044.9	339.	11.3	21600.	1832.	0.0848	1.14	9383.	20240.
771030	5911N	14647W	18750.0	31550.9	43213.1	405.	12.5	18480.	1400.	0.0758	2.23	3122.	24200.
7910 3	5631N	15153W	18699.0	32544.1	43207.8	388.	11.1	21600.	1622.	0.0751	1.38	13789.	20020.
771007	5849N	14805W	18750.9	31707.1	43175.5	451.	9.5	15400.	1154.	0.0750	2.74	1412.	5060.
781019	5904N	14733W	18750.5	31617.1	43210.1	383.	18.0	14000.	1005.	0.0718	1.51	8545.	28160.
7910 9	5816N	14827W	18748.4	31864.1	43086.5	366.	11.3	21600.	1469.	0.0680	1.11	12562.	24200.
791028	5611N	15318W	18676.7	32753.9	43614.7	388.	10.0	15000.	1019.	0.0679	1.39	6997.	12760.
781029	5713N	15046W	18727.2	32282.4	43002.7	328.	15.0	10800.	727.	0.0673	0.88	8343.	19580.
791028	5507N	15702W	18564.2	33403.3	45043.0	112.	14.5	18800.	1244.	0.0662	1.45	743.	40480.
781003	5846N	14803W	18750.9	31717.8	43165.2	407.	18.9	20400.	1339.	0.0656	1.59	34057.	38500.
791026	5616N	15300W	18682.6	32705.4	43511.5	383.	16.0	20000.	1313.	0.0657	1.30	15548.	28820.
7910 8	5615N	15301W	18681.6	32710.9	43520.4	372.	19.1	15960.	1009.	0.0632	1.02	31041.	39160.
771015	5840N	14808W	18750.7	31747.2	43148.6	410.	13.0	18480.	1170.	0.0633	3.63	1471.	6380.
791014	5911N	14730W	18750.0	31585.7	43231.7	284.	18.1	15960.	995.	0.0623	1.46	14427.	29920.
7811 3	5914N	14640W	18749.7	31533.3	43219.5	355.	17.5	14400.	858.	0.0596	1.84	14252.	29480.
7710 8	5858N	14754W	18750.8	31659.9	43200.0	437.	13.3	18480.	1082.	0.0586	2.02	3608.	12540.
7811 5	5912N	14649W	18749.9	31548.4	43216.9	355.	17.5	14400.	834.	0.0579	2.70	23975.	39160.
791011	5849N	14806W	18750.9	31708.0	43176.0	334.	11.0	21600.	1200.	0.0556	1.88	24588.	36080.
7710 6	5853N	14802W	18750.9	31687.8	43187.2	437.	9.3	14080.	774.	0.0550	2.51	2362.	9460.
7810 1	5707N	15101W	18723.8	32326.7	43012.4	437.	23.0	15990.	870.	0.0544	1.80	20482.	25300.
771024	5813N	14832W	18748.0	31881.5	43079.9	432.	13.3	18480.	997.	0.0540	2.78	6072.	14740.
791017	5817N	14829W	18748.6	31862.1	43089.4	306.	12.8	21600.	1159.	0.0536	1.15	10810.	19360.
7710 4	5753N	14911W	18743.5	32004.6	43039.7	375.	12.3	18480.	982.	0.0531	1.75	3762.	12760.
7710 5	5905N	14735W	18750.5	31614.6	43214.3	364.	11.5	18480.	930.	0.0503	2.58	1925.	7700.
7912 2	5927N	14457W	18747.9	31406.0	43222.9	317.	15.3	15960.	799.	0.0500	1.14	14237.	40040.
791015	5906N	14737W	18750.4	31612.2	43218.5	295.	19.5	14820.	724.	0.0488	1.76	9277.	21560.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE C-22 (continued). ROCKFISH, OCTOBER-DECEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
791012	5916N	14651W	18745.5	31533.9	43230.1	301.	16.5	15960.	779.	0.0488	1.63	19121.	35860.
7910 6	5709N	15058W	18724.9	32314.5	43008.6	377.	10.5	21600.	1023.	0.0473	0.99	28990.	38060.
781012	5912N	14642W	18749.9	31542.9	43214.3	410.	21.0	14000.	660.	0.0471	2.58	8142.	12100.
781018	5840N	14804W	18750.7	31743.4	43147.2	383.	20.0	14000.	643.	0.0459	1.72	4842.	16940.
771027	5913N	14701W	18750.0	31562.1	43218.7	418.	13.0	18480.	827.	0.0447	2.56	2574.	14300.
791025	5828N	14828W	18749.9	31815.9	43119.3	369.	17.5	16800.	829.	0.0441	1.31	8836.	30580.
791130	5912N	14700W	18749.9	31557.2	43221.4	372.	14.6	15960.	705.	0.0442	1.16	17921.	37180.
791030	5702N	15110W	18720.8	32359.1	43025.8	388.	17.0	20000.	878.	0.0439	1.12	14752.	22440.
791021	5710N	15100W	18725.3	32313.0	43007.7	388.	16.0	20000.	876.	0.0438	1.31	21277.	27720.
7810 5	5927N	14513W	18748.0	31417.4	43227.5	424.	29.3	20400.	888.	0.0435	2.80	6932.	12320.
7910 4	5619N	15228W	18687.4	32643.8	43371.1	399.	11.7	21600.	940.	0.0435	1.00	6994.	15400.
791126	5820N	14827W	18749.0	31847.8	43096.8	437.	15.2	15960.	677.	0.0424	1.22	14330.	35420.
7912 9	5911N	14650W	18750.0	31553.3	43214.3	454.	15.2	15960.	675.	0.0423	1.43	20931.	34320.
791014	5851N	14807W	18750.9	31700.6	43182.9	317.	11.5	21600.	908.	0.0420	1.30	7702.	20460.
791124	5628N	15203W	18696.2	32570.7	43248.2	383.	14.0	15200.	635.	0.0418	2.67	1831.	9020.
791022	5623N	15233W	18690.4	32635.7	43369.6	366.	15.0	20000.	831.	0.0415	0.91	7146.	19800.
771020	5815N	14828W	18748.3	31869.2	43084.1	429.	12.8	18480.	761.	0.0412	2.03	2714.	15620.
791016	5835N	14820W	18750.5	31779.2	43137.5	323.	12.1	21600.	865.	0.0400	2.30	6196.	19140.
7811 1	5808N	14843W	18747.0	31913.2	43069.5	465.	21.0	14400.	574.	0.0399	1.02	24635.	25740.
791016	5916N	14658W	18749.5	31539.4	43233.1	284.	18.2	15960.	628.	0.0393	1.49	10356.	17820.
771017	5851N	14759W	18750.9	31693.4	43179.5	451.	15.8	18480.	701.	0.0380	2.43	1520.	4400.
771019	5824N	14826W	18749.5	31830.4	43107.5	405.	12.5	18480.	693.	0.0375	2.95	2333.	12760.
771025	5850N	14801W	18750.9	31699.4	43177.1	424.	17.5	18480.	690.	0.0373	2.74	5290.	18700.
781031	5808N	14845W	18747.0	31915.3	43069.8	328.	18.0	14400.	532.	0.0369	1.33	18248.	29700.
771021	5810N	14839W	18747.4	31900.9	43073.7	446.	12.0	18480.	655.	0.0354	1.87	4456.	16280.
781030	5723N	15014W	18732.5	32201.0	43000.8	328.	19.5	14400.	511.	0.0355	0.77	8013.	17820.
771023	5755N	14901W	18744.1	31985.5	43042.9	418.	11.5	18480.	646.	0.0349	1.86	3577.	14080.
7912 7	5923N	14551W	18748.6	31460.3	43228.4	448.	16.0	15960.	553.	0.0346	1.73	16961.	41140.
7710 8	5928N	14452W	18747.8	31398.7	43224.2	424.	17.4	20000.	686.	0.0343	1.07	25870.	42460.
791023	5500N	15710W	18550.4	33444.1	45104.3	98.	12.5	15750.	531.	0.0337	2.93	440.	14520.
771021	5800N	14850W	18745.4	31953.2	43052.3	396.	14.3	18480.	619.	0.0335	1.95	1845.	11660.
791214	5522N	15527W	18605.2	33165.4	44461.4	394.	13.8	15960.	534.	0.0334	1.07	12413.	31020.
791130	5557N	15417W	18657.4	32907.2	43966.9	328.	14.0	15200.	498.	0.0328	1.16	6137.	17160.
7810 1	5912N	14638W	18749.9	31538.1	43212.1	383.	18.0	20400.	661.	0.0324	1.75	11333.	20240.
791019	5911N	14732W	18750.0	31587.3	43232.7	295.	17.5	15960.	514.	0.0322	2.00	6810.	24420.
7912 8	5927N	14459W	18747.9	31407.4	43223.5	339.	13.0	15960.	512.	0.0321	1.31	14309.	30800.
791027	5637N	15147W	18703.6	32511.6	43166.0	372.	21.0	20000.	625.	0.0312	1.11	12792.	17160.
791130	5558N	15437W	18656.5	32937.9	44072.5	328.	14.0	15200.	472.	0.0311	1.25	1969.	13860.
791128	5659N	15123W	18718.7	32389.0	43042.1	383.	14.0	15200.	451.	0.0297	1.30	8460.	14960.
771027	5907N	14727W	18750.3	31599.7	43217.1	446.	13.3	18480.	546.	0.0295	2.41	3849.	12980.
791013	5912N	14711W	18749.9	31566.1	43226.1	284.	18.2	15960.	464.	0.0291	1.14	10970.	25080.
791212	5621N	15234W	18688.7	32645.1	43383.1	410.	15.5	15960.	459.	0.0288	0.94	12287.	39160.
7810 1	5912N	14703W	18749.9	31559.6	43222.6	410.	23.2	20400.	585.	0.0287	0.99	12895.	21120.
7910 2	5603N	15340W	18667.2	32821.3	43753.8	88.	15.3	15960.	449.	0.0281	2.08	790.	33220.
771011	5834N	14819W	18750.4	31782.3	43134.2	410.	14.0	18480.	518.	0.0280	1.74	2476.	9020.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE C-22 (continued). ROCKFISH, OCTOBER-DECEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
771028	5859N	14744W	18750.8	31647.1	43198.8	446.	14.5	18480.	515.	0.0279	1.51	10556.	17820.
791018	5915N	14638W	18749.6	31527.7	43221.8	312.	19.1	15960.	434.	0.0272	1.74	9885.	30580.
791023	5615N	15250W	18682.4	32693.6	43474.1	246.	7.0	8000.	215.	0.0268	1.33	2027.	3080.
7811 6	5852N	14804W	18750.9	31693.8	43184.8	355.	21.0	14400.	380.	0.0264	0.88	13459.	27940.
771010	5747N	14927W	18741.7	32047.1	43029.3	396.	16.3	18480.	486.	0.0263	2.00	670.	4180.
791126	5644N	15145W	18708.5	32480.7	43129.9	383.	14.0	15200.	388.	0.0255	0.95	6571.	21340.
791213	5554N	15436W	18652.2	32951.9	44080.2	372.	12.0	15960.	406.	0.0255	1.28	2534.	36300.
771012	5850N	14802W	18750.9	31700.3	43177.5	451.	15.0	18480.	421.	0.0228	2.26	3543.	20680.
7811 8	5839N	14813W	18750.7	31756.0	43147.3	355.	17.0	14400.	324.	0.0225	1.64	18702.	36520.
791011	5913N	14635W	18749.8	31533.3	43214.7	372.	16.7	15960.	339.	0.0212	1.23	24383.	28820.
791029	5615N	15251W	18682.4	32695.2	43478.2	394.	0.0	12000.	253.	0.0211	1.65	3489.	7700.
791215	5500N	15712W	18549.9	33448.1	45116.1	115.	15.5	15960.	294.	0.0184	1.68	112.	27500.
7811 7	5910N	14718W	18750.1	31580.0	43222.8	355.	19.0	14400.	227.	0.0157	0.88	11830.	29260.
7910 3	5503N	15711W	18555.4	33435.6	45104.1	109.	18.0	15200.	233.	0.0153	1.59	254.	27940.
781015	5450N	15749W	18522.1	33558.2	45352.5	104.	16.0	19200.	249.	0.0130	1.39	1624.	15840.
791122	5559N	15331W	18664.0	32822.0	43726.9	191.	13.0	15200.	189.	0.0124	1.13	3058.	13200.
7911 1	5525N	15614W	18601.7	33243.3	44721.0	109.	17.5	17500.	107.	0.0061	2.83	618.	18920.
791217	5457N	15715W	18543.9	33464.6	45139.6	126.	16.2	15960.	92.	0.0058	1.90	432.	29480.
7910 3	5558N	15359W	18660.3	32872.6	43869.0	93.	18.5	15960.	87.	0.0054	2.40	600.	49500.
791113	5508N	15702W	18565.9	33399.8	45040.9	93.	16.0	19600.	87.	0.0045	1.35	730.	28820.
791030	5444N	15758W	18507.9	33596.9	45415.8	85.	14.0	18800.	78.	0.0041	1.72	1387.	35420.
781010	5450N	15751W	18521.5	33562.3	45364.3	101.	16.0	13940.	46.	0.0033	1.05	391.	30580.
791123	5602N	15331W	18667.0	32810.4	43714.4	109.	12.0	15200.	29.	0.0019	1.05	306.	11880.
7912 2	5442N	15752W	18505.8	33590.9	45384.0	109.	13.0	15200.	27.	0.0018	1.49	279.	5940.
7810 7	5455N	15734W	18535.5	33510.2	45255.0	84.	17.0	15990.	25.	0.0016	1.89	704.	27720.
7910 5	5454N	15731W	18534.4	33507.5	45239.3	109.	18.0	15200.	17.	0.0011	1.76	721.	24200.
7810 9	5449N	15755W	18516.5	33577.3	45391.4	98.	12.0	9430.	8.	0.0008	0.77	647.	25300.
791121	5557N	15337W	18661.4	32839.6	43763.8	109.	12.0	15200.	11.	0.0007	0.97	193.	7480.
791125	5619N	15301W	18685.1	32695.1	43502.0	164.	12.0	15200.	6.	0.0004	2.86	469.	7920.
7910 4	5552N	15734W	18629.2	33297.0	45157.2	115.	18.0	15200.	6.	0.0004	1.32	296.	26840.
791024	5525N	15635W	18598.1	33284.1	44844.6	98.	14.5	21000.	6.	0.0003	1.10	1725.	35420.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

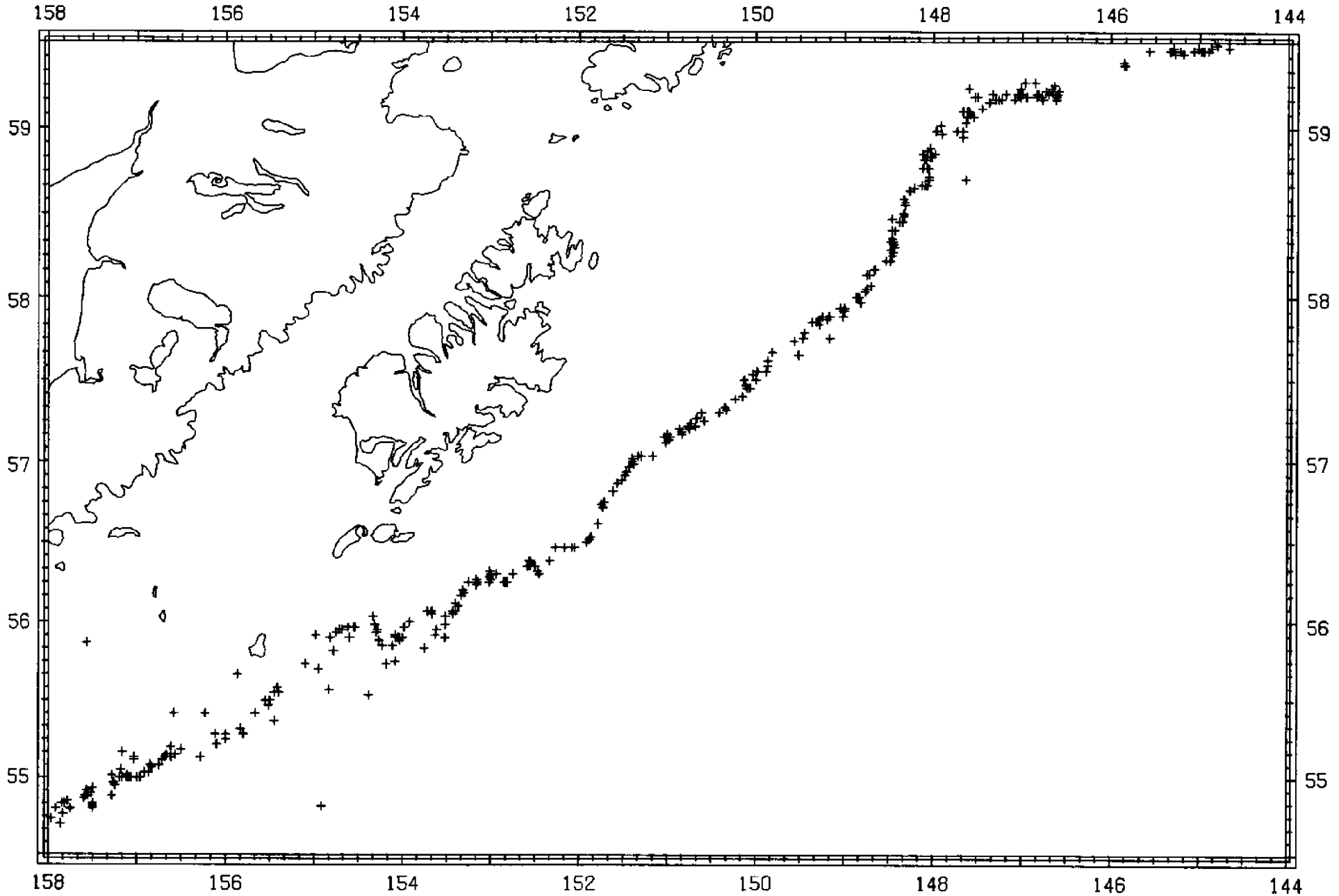
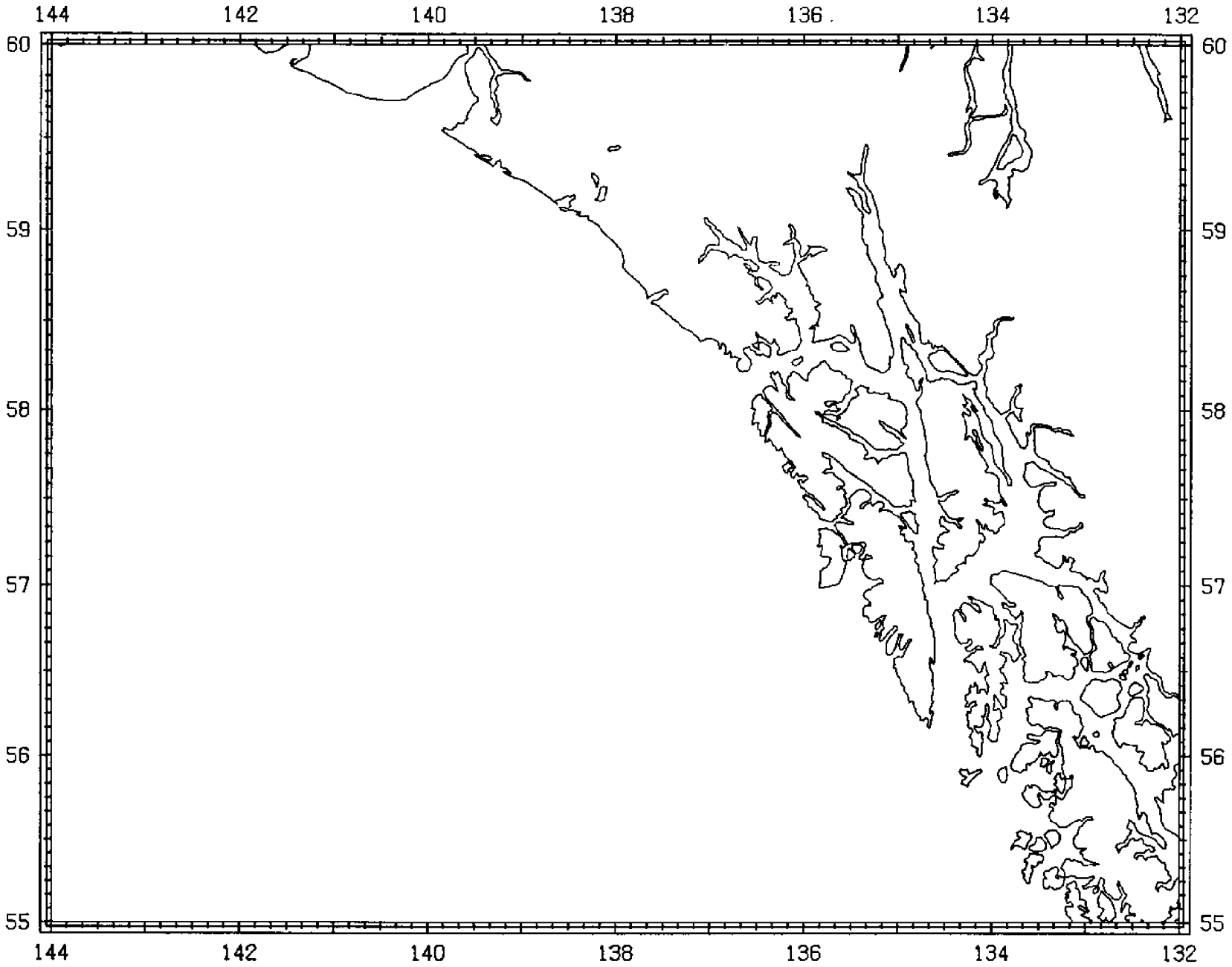


FIGURE C-5. ROCKFISH, ALL MONTHS, 1977-1979



APPENDIX D. SOUTHEAST ALASKA REGION

APPENDIX D

Productive Foreign Fishing Locations in the Southeast Alaska Region

Table		Page
D-1.	Summary of overall catch composition and average catch rates observed in the Southeast Alaska region during 1979, depths less than 270 fathoms	158
D-2.	Summary of overall catch composition and average catch rates observed in the Southeast Alaska region during 1979, depths greater than 270 fathoms	159
D-3.	Sablefish, January-March	160
D-4.	Sablefish, April-June	160
D-5.	Sablefish, July-September	161
D-6.	Sablefish, October-December	163
D-7.	Pacific Cod, July-September	165
D-8.	Pacific Cod, October-December	165
D-9.	Pacific Halibut, January-March	165
D-10.	Pacific Halibut, April-June	167
D-11.	Pacific Halibut, July-September	167
D-12.	Pacific Halibut, October-December	167
D-13.	Flounders, January-March	169
D-14.	Flounders, April-June	169
D-15.	Flounders, July-September	170
D-16.	Flounders, October-December	171
D-17.	Rockfish, January-March	171
D-18.	Rockfish, April-June	173
D-19.	Rockfish, July-September	174
D-20.	Rockfish, October-December	176

APPENDIX D (Cont'd)

Productive Foreign Fishing Locations in the Southeast Alaska Region

Figure		Page
D-1.	Sablefish, All Months, 1977-79	164
D-2.	Pacific Cod, All Months, 1977-79	166
D-3.	Pacific Halibut, All Months, 1977-79	168
D-4.	Flounders, All Months, 1977-79	172
D-5.	Rockfish, All Months, 1977-79	177

Table D-1

SUMMARY OF OVERALL CATCH COMPOSITION AND AVERAGE CATCH RATES OBSERVED IN THE SOUTHEAST ALASKA REGION DURING 1979, DEPTHS LESS THAN 270 FATHOMS.1/

Species	Catch Per Hook (lbs)	Proportion of Total Catch	Mean Size (lbs/fish)
Pacific Cod	0.4263	0.5998	5.09
Pacific Halibut	0.1651	0.2322	10.78
Black Skate	0.0323	0.0455	3.32
Sablefish	0.0312	0.0439	2.52
Shortspine Thornyhead	0.0205	0.0286	1.33
Yellow Irish Lord	0.0071	0.0100	0.90
Arrowtooth Flounder	0.0067	0.0094	2.16
Big Skate	0.0064	0.0089	28.66
Longnose Skate	0.0041	0.0058	18.52
Shortraker Rockfish	0.0028	0.0038	12.35
Bigmouth Sculpin	0.0025	0.0033	10.80
Searcher	0.0023	0.0033	0.48
Unidentified Sculpins	0.0010	0.0015	0.69
Spiny Dogfish	0.0010	0.0013	4.41
Walleye Pollock	0.0004	0.0006	1.98
Sharpchin Rockfish	0.0003	0.0004	0.66

1/ Based upon observations of 1 longline set with a total of 15,200 hooks. Foreign fishing was only allowed west of 140°00'W longitude.

Table D-2

SUMMARY OF OVERALL CATCH COMPOSITION AND AVERAGE CATCH RATES OBSERVED IN THE SOUTHEAST ALASKA REGION DURING 1979, DEPTHS GREATER THAN 270 FATHOMS.1/

Species	Catch Per Hook (lbs)	Proportion of Total Catch	Mean Size (lbs/fish)
Sablefish	0.5135	0.5418	6.07
Unidentified Rattails	0.2864	0.3022	4.85
Pectoral Rattail	0.0698	0.0736	4.76
Shortspine Thornyhead	0.0364	0.0384	1.14
Arrowtooth Flounder	0.0193	0.0203	4.13
Shortraker Rockfish	0.0064	0.0067	6.02
Pacific Halibut	0.0047	0.0049	11.72
Dover Sole	0.0025	0.0026	2.48
Roughscale Rattail	0.0018	0.0019	1.76
Pacific Ocean Perch	0.0016	0.0017	3.78
Rougheye Rockfish	0.0014	0.0014	3.32
Tanner Crab	0.0012	0.0012	1.49
Longnose Skate	0.0004	0.0004	11.49
Longspine Thornyhead	0.0003	0.0003	0.57
Darkblotched Rockfish	0.0003	0.0003	4.35
Unidentified Skates	0.0003	0.0002	3.50
Octopus	0.0002	0.0002	3.24
Black Skate	0.0002	0.0001	9.63
Greenland Turbot	0.0002	0.0001	12.16
Deepsea Skate	0.0001	0.0001	4.98
Unidentified Rockfish	0.0001	0.0001	4.79
Pacific Pomfret	0.0001	0.0001	2.20
Unidentified Sharks	0.0001	0.0001	5.51
King Crab	0.0001	0.0001	1.41

1/ Based upon observations of 49 longline sets with a total of 903,800 hooks. Foreign fishing was only allowed west of 140°00'W longitude.

TABLE D-3. SABLEFISH, JANUARY-MARCH

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 6X	6Y		DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
78 118	5930N	14317W	14304.7	31061.6	0.0	361.	18.3	15120.	16857.	1.1149	7.87	573.	18920.
78 114	5834N	14004W	14426.2	29941.8	0.0	345.	18.3	15120.	16813.	1.1120	7.60	1438.	19140.
78 117	5915N	14206W	14391.5	30729.8	0.0	355.	18.5	15120.	15799.	1.0449	6.42	118.	17160.
78 116	5857N	14113W	14408.6	30390.8	0.0	328.	16.5	15120.	13818.	0.9139	5.95	848.	16280.
78 124	5930N	14307W	14335.9	31035.0	0.0	383.	17.0	15120.	12996.	0.8595	7.06	3080.	17160.
78 115	5818N	13920W	14429.4	29634.1	0.0	350.	16.0	15120.	12244.	0.8098	6.89	1437.	14960.
78 119	5929N	14223W	14458.7	30902.7	0.0	355.	17.5	15120.	10732.	0.7098	6.58	3408.	14520.
78 123	5915N	14205W	14400.0	30720.7	0.0	355.	23.0	15120.	10379.	0.6864	6.82	227.	11440.
78 121	5850N	14100W	14393.2	30283.6	0.0	355.	18.0	15120.	9545.	0.6313	5.75	3078.	12980.
78 122	5831N	14001W	14414.1	29903.9	0.0	350.	18.0	15120.	8376.	0.5540	7.08	1623.	10120.
78 120	5905N	14136W	14405.1	30538.8	0.0	361.	18.5	15120.	7433.	0.4916	6.53	705.	8580.
78 316	5915N	14210W	14385.8	30735.9	0.0	345.	15.0	20580.	6694.	0.3253	6.26	514.	7700.
78 317	5927N	14221W	14448.5	30878.5	0.0	317.	15.0	20580.	2679.	0.1302	6.47	1276.	6160.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE D-4. SABLEFISH, APRIL-JUNE

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 6X	6Y		DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 6 5	5834N	14004W	14426.2	29941.8	0.0	328.	16.0	15120.	17328.	1.1461	6.13	3038.	21120.
79 6 8	5856N	14105W	14422.4	30355.0	0.0	350.	14.0	15120.	16280.	1.0768	6.67	4844.	22660.
79 610	5909N	14144W	14413.0	30600.7	0.0	328.	13.0	15120.	15986.	1.0573	6.97	2295.	19580.
79 6 9	5900N	14130W	14384.7	30473.9	0.0	328.	14.0	15120.	15546.	1.0282	6.64	4012.	21340.
79 629	5929N	14241W	14406.4	30954.3	0.0	388.	16.3	16800.	14403.	0.8573	5.82	4319.	20680.
79 6 6	5838N	14029W	14390.8	30067.6	0.0	366.	17.0	15120.	12507.	0.8272	5.33	4344.	17600.
79 611	5916N	14208W	14399.2	30738.9	0.0	328.	13.0	15120.	12387.	0.8180	6.18	8042.	22000.
79 628	5930N	14322W	14288.9	31074.7	0.0	394.	18.0	16800.	9634.	0.5734	5.10	7295.	18920.
79 6 7	5845N	14055W	14371.6	30221.3	0.0	361.	14.0	15120.	7665.	0.5070	7.28	9263.	17160.
79 626	5932N	14324W	14299.1	31097.9	0.0	383.	17.0	16800.	7964.	0.4740	5.28	4047.	13200.
79 5 2	5930N	14307W	14335.9	31035.0	0.0	328.	11.5	15200.	6974.	0.4588	6.75	7120.	14740.
79 5 1	5928N	14336W	14227.3	31093.0	0.0	317.	11.0	15200.	5151.	0.3389	4.74	6205.	12540.
79 5 3	5930N	14345W	14214.5	31133.4	0.0	372.	12.5	15200.	4474.	0.2944	4.03	3046.	11440.
79 5 4	5930N	14320W	14295.2	31069.5	0.0	339.	13.0	15200.	4206.	0.2767	3.62	4176.	12760.
79 430	5928N	14227W	14439.2	30905.1	0.0	465.	13.0	15200.	2475.	0.1628	6.54	10572.	13640.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE D-5. SABLEFISH, JULY-SEPTEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 6X	6Y		DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
77 915	5523N	13459W	14155.2	27137.4	0.0	383.	20.0	14000.	30851.	2.2036	6.34	6909.	40700.
77 929	5703N	13617W	14415.9	28224.7	0.0	377.	17.0	16000.	28497.	1.7810	8.02	3907.	32560.
77 921	5632N	13549W	14331.7	27843.7	0.0	355.	10.0	8000.	11465.	1.4331	15.02	551.	12540.
77 913	5753N	13736W	14509.9	28998.6	0.0	437.	16.7	15540.	18773.	1.2081	8.45	2021.	21120.
77 9 5	5519N	13442W	14173.3	27032.5	0.0	410.	16.0	15540.	18081.	1.1635	6.93	887.	20020.
77 916	5604N	13534W	14244.4	27563.8	0.0	377.	19.0	16000.	17481.	1.0926	6.79	670.	19140.
77 912	5714N	13622W	14457.9	28341.4	0.0	372.	20.0	13320.	13862.	1.0407	9.00	1298.	15400.
77 923	5712N	13618W	14456.0	28306.6	0.0	437.	16.0	16000.	16428.	1.0268	7.07	3674.	20460.
77 924	5726N	13635W	14490.9	28502.8	0.0	437.	25.0	16000.	16414.	1.0259	8.23	1160.	17820.
77 918	5618N	13538W	14293.9	27684.7	0.0	394.	17.0	16000.	16251.	1.0157	7.74	1354.	18260.
77 926	5650N	13606W	14377.9	28066.6	0.0	383.	18.0	16000.	16251.	1.0157	5.92	707.	17380.
77 9 8	5615N	13536W	14285.3	27652.9	0.0	416.	17.0	15540.	15657.	1.0075	8.32	640.	16940.
77 910	5631N	13548W	14329.4	27831.2	0.0	394.	16.5	15540.	15632.	1.0059	9.32	346.	16280.
77 9 9	5649N	13605W	14375.3	28053.8	0.0	443.	18.2	15540.	15555.	1.0036	8.11	19.	16060.
77 927	5605N	13536W	14244.6	27580.4	0.0	383.	18.0	15200.	15227.	1.0017	9.06	1292.	16720.
77 928	5612N	13535W	14275.0	27626.0	0.0	355.	17.0	16000.	16016.	1.0010	7.63	1646.	18040.
77 920	5623N	13548W	14295.4	27769.3	0.0	383.	17.0	14400.	13881.	0.9640	7.54	323.	14520.
77 930	5712N	13612W	14467.4	28280.6	0.0	383.	27.0	16000.	15421.	0.9638	7.66	2755.	18480.
77 911	5707N	13615W	14438.3	28250.2	0.0	427.	15.1	15540.	14364.	0.9243	7.68	773.	15400.
77 914	5515N	13443W	14157.1	27017.3	0.0	394.	18.0	16000.	14784.	0.9240	13.28	256.	15400.
77 917	5611N	13534W	14272.8	27614.0	0.0	383.	23.0	15200.	13997.	0.9208	8.71	770.	15180.
77 914	5756N	13754W	14489.6	29098.7	0.0	394.	15.1	15540.	14061.	0.9048	7.37	970.	15180.
77 919	5753N	13737W	14507.9	29002.7	0.0	437.	14.6	14800.	13218.	0.8931	7.19	458.	14080.
77 915	5619N	13929W	14414.7	29677.2	0.0	448.	18.5	15540.	13726.	0.8833	7.48	816.	14960.
77 9 6	5614N	13535W	14283.2	27640.7	0.0	394.	19.0	15540.	13504.	0.8690	7.43	516.	14520.
77 916	5805N	13841W	14440.1	29366.9	0.0	377.	20.5	15540.	13229.	0.8513	8.90	7540.	21120.
77 9 4	5541N	13514W	14193.3	27314.9	0.0	355.	16.0	15540.	13175.	0.8478	7.38	3545.	16720.
77 911	5505N	13420W	14165.3	26857.7	0.0	383.	21.0	16000.	12864.	0.8040	8.10	535.	13860.
79 925	5921N	14215W	14418.2	30805.7	0.0	432.	11.7	21600.	15367.	0.7114	6.97	669.	17380.
79 727	5834N	14002W	14431.1	29934.6	0.0	383.	12.0	16800.	11861.	0.7060	6.02	2143.	15180.
77 9 7	5539N	13507W	14199.2	27268.4	0.0	383.	17.0	16000.	11086.	0.6929	6.30	836.	13200.
77 922	5632N	13549W	14331.7	27843.7	0.0	355.	22.0	16000.	10291.	0.6432	7.12	1135.	11880.
77 912	5508N	13433W	14151.3	26934.9	0.0	383.	21.0	16000.	10153.	0.6346	6.92	211.	11220.
78 7 1	5929N	14337W	14232.4	31104.4	0.0	355.	13.0	20000.	12553.	0.6276	6.73	31606.	49720.
79 729	5858N	14111W	14421.0	30393.3	0.0	437.	11.0	17640.	10901.	0.6180	5.67	7718.	18920.
79 730	5859N	14128W	14382.9	30458.4	0.0	410.	11.0	17640.	10869.	0.6161	5.17	6040.	17600.
77 9 5	5812N	13902W	14434.3	29511.4	0.0	394.	20.0	16000.	9706.	0.6066	7.50	22.	11220.
79 728	5837N	14022W	14401.7	30033.7	0.0	454.	12.0	17640.	10639.	0.6031	4.88	6920.	18040.
79 9 4	5928N	14322W	14272.3	31056.8	0.0	437.	12.0	16800.	10043.	0.5978	7.05	15574.	26180.
79 9 6	5932N	14355W	14198.2	31175.7	0.0	492.	13.2	16800.	9983.	0.5930	6.55	10095.	20460.
78 812	5900N	14130W	14384.7	30473.9	0.0	437.	14.0	19200.	11233.	0.5850	6.26	7932.	19800.
78 815	5914N	14205W	14392.3	30711.6	0.0	328.	15.0	19200.	11133.	0.5799	7.06	5067.	17160.
77 9 4	5908N	14142W	14411.0	30585.3	0.0	383.	14.0	14400.	8099.	0.5624	6.37	956.	10120.
78 815	5914N	14155W	14420.4	30680.9	0.0	301.	14.5	19200.	10087.	0.5254	7.02	3545.	14300.
78 816	5919N	14215W	14402.5	30787.4	0.0	492.	16.0	19200.	9810.	0.5110	6.75	7683.	18260.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE D-5 (continued). SABLEFISH, JULY-SEPTEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 6X	6Y		DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
79 924	5913N	14200W	14398.8	30687.2	0.0	421.	11.0	20160.	10294.	0.5106	7.17	1174.	12100.
79 731	5910N	14152W	14398.4	30635.0	0.0	399.	11.0	17640.	8990.	0.5096	7.21	4576.	14300.
78 814	5906N	14135W	14415.2	30544.7	0.0	383.	13.0	19200.	9659.	0.5031	6.23	2706.	13200.
78 817	5930N	14222W	14469.6	30909.1	0.0	465.	14.0	19200.	9521.	0.4959	6.07	9514.	19800.
78 813	5902N	14137W	14380.2	30514.7	0.0	399.	13.5	19200.	9412.	0.4902	5.75	3789.	14300.
78 818	5930N	14245W	14402.6	30974.7	0.0	383.	15.0	19200.	9397.	0.4894	6.36	5047.	17160.
78 926	5904N	14135W	14400.4	30526.5	0.0	350.	17.4	20160.	9789.	0.4856	6.17	2480.	13200.
79 928	5930N	14330W	14263.3	31095.5	0.0	399.	9.1	21600.	10153.	0.4700	7.16	4021.	16060.
78 929	5859N	14113W	14422.9	30409.0	0.0	410.	18.8	20160.	9335.	0.4631	6.27	6658.	16720.
78 820	5930N	14241W	14414.5	30963.5	0.0	519.	16.5	19200.	8868.	0.4619	5.70	27926.	37400.
79 8 2	5929N	14225W	14453.0	30908.6	0.0	383.	11.0	17640.	7640.	0.4331	5.80	6118.	15400.
78 925	5850N	14058W	14398.5	30276.8	0.0	328.	17.3	20160.	8730.	0.4330	5.78	2967.	12540.
79 717	5936N	14246W	14448.7	31032.5	0.0	298.	17.5	27000.	11143.	0.4127	6.26	15816.	28600.
79 710	5833N	14001W	14427.0	29921.9	0.0	375.	16.8	27000.	10138.	0.3755	4.63	4918.	15400.
78 930	5845N	14105W	14345.3	30255.5	0.0	334.	17.3	20160.	7534.	0.3737	6.27	975.	10560.
79 929	5841N	14051W	14354.7	30171.6	0.0	383.	10.5	21600.	7782.	0.3603	5.04	15333.	23540.
78 928	5848N	14101W	14376.7	30268.9	0.0	345.	18.9	20160.	7164.	0.3554	6.16	5523.	13640.
79 8 1	5918N	14214W	14397.6	30775.3	0.0	394.	11.0	17640.	6154.	0.3488	6.79	2240.	8800.
79 926	5931N	14228W	14460.4	30935.6	0.0	394.	11.6	21600.	7085.	0.3280	4.25	1271.	9460.
79 714	5903N	14135W	14393.0	30517.4	0.0	416.	15.5	27000.	8705.	0.3224	6.89	7758.	17160.
79 711	5839N	14025W	14407.5	30062.5	0.0	361.	18.3	27000.	8692.	0.3219	6.34	5273.	14740.
79 713	5858N	14108W	14428.9	30383.3	0.0	377.	15.2	27000.	7428.	0.2751	7.19	11812.	19580.
78 927	5859N	14118W	14409.7	30425.6	0.0	355.	17.9	20160.	5417.	0.2687	6.16	4110.	10560.
79 930	5852N	14100W	14407.2	30301.7	0.0	405.	11.1	21600.	5583.	0.2585	5.42	18167.	24860.
79 831	5929N	14310W	14318.3	31034.0	0.0	437.	11.0	16800.	4215.	0.2509	6.78	11119.	16060.
78 819	5910N	14152W	14398.4	30635.0	0.0	383.	15.5	19200.	4120.	0.2146	6.05	3750.	8140.
79 712	5841N	14048W	14382.5	30161.2	0.0	369.	14.8	27000.	5267.	0.1951	5.63	6923.	12540.
79 716	5933N	14231W	14468.0	30962.7	0.0	325.	17.9	27000.	5142.	0.1904	5.56	13251.	20020.
79 9 8	5941N	14342W	14317.3	31224.1	0.0	77.	9.0	15200.	474.	0.0312	2.51	879.	10780.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE D-6. SABLEFISH, OCTOBER-DECEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES GX	GY		DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
7710 3	5611N	13534W	14272.8	27614.0	0.0	383.	17.0	15200.	17453.	1.1482	7.52	625.	18920.
771029	5933N	14230W	14470.9	30959.8	0.0	355.	19.5	16000.	17269.	1.0793	7.06	2248.	21340.
771012	5545N	13512W	14212.4	27330.2	0.0	383.	18.5	16000.	16998.	1.0618	11.14	843.	18480.
771011	5537N	13506W	14193.6	27251.4	0.0	410.	16.2	16000.	16355.	1.0222	7.55	681.	17380.
7710 6	5930N	14328W	14269.7	31090.3	0.0	396.	18.8	21000.	21205.	1.0098	7.35	4634.	27280.
7912 4	5934N	14359W	14201.7	31203.0	0.0	427.	16.0	15960.	16030.	1.0044	7.92	21322.	38060.
7710 1	5648N	13603W	14374.7	28036.6	0.0	383.	17.0	12000.	11750.	0.9792	8.87	1470.	13860.
7710 6	5747N	13709W	14531.5	28833.6	0.0	383.	17.5	16000.	15592.	0.9745	8.23	371.	16500.
771028	5708N	13615W	14443.0	28258.9	0.0	402.	17.5	20000.	19199.	0.9600	6.23	8120.	27720.
7710 2	5648N	13603W	14374.7	28036.6	0.0	383.	8.0	6000.	5536.	0.9227	8.02	395.	6820.
771028	5929N	14213W	14487.0	30873.4	0.0	383.	16.2	16000.	14736.	0.9211	6.53	4608.	19800.
771025	5916N	14200W	14421.7	30714.6	0.0	383.	17.5	16000.	14679.	0.9175	7.67	1639.	18700.
771013	5559N	13531W	14230.3	27514.7	0.0	383.	18.3	16000.	14379.	0.8987	7.22	612.	16280.
771023	5548N	13519W	14210.5	27383.5	0.0	410.	17.1	20000.	16972.	0.8486	8.11	176.	17820.
791012	5839N	14030W	14395.0	30080.2	0.0	328.	21.0	15200.	12596.	0.8287	7.11	3602.	17380.
771022	5538N	13504W	14201.2	27247.6	0.0	391.	15.7	20000.	16439.	0.8219	6.82	574.	17600.
771019	5609N	13532W	14268.5	27590.0	0.0	383.	18.4	16000.	12545.	0.7840	8.65	3396.	16720.
771018	5707N	13615W	14438.3	28250.2	0.0	410.	16.0	16000.	12373.	0.7733	9.41	2268.	17380.
771027	5615N	13517W	14321.6	27563.1	0.0	383.	18.3	20000.	14649.	0.7324	6.34	6730.	22440.
7710 7	5750N	13723W	14519.8	28918.3	0.0	383.	17.5	16000.	11067.	0.6917	8.33	562.	13640.
791013	5840N	14034W	14391.6	30103.3	0.0	355.	18.0	15200.	10454.	0.6877	6.12	2913.	14520.
771019	5543N	13520W	14189.2	27356.6	0.0	366.	17.5	20000.	13168.	0.6584	5.60	1870.	15620.
771022	5623N	13540W	14310.9	27732.0	0.0	383.	22.4	16000.	10443.	0.6527	7.14	2655.	14960.
771012	5931N	14332W	14265.2	31109.5	0.0	413.	15.9	20000.	12524.	0.6262	7.13	7532.	21340.
771027	5921N	14213W	14423.9	30799.7	0.0	383.	17.5	13320.	8134.	0.6106	7.93	531.	16720.
791014	5900N	14122W	14406.2	30447.8	0.0	366.	19.0	15200.	9206.	0.6056	5.07	3726.	13640.
771023	5631N	13546W	14333.2	27822.0	0.0	383.	19.2	16000.	9233.	0.5770	7.15	2071.	14300.
791015	5832N	14002W	14418.1	29916.5	0.0	317.	20.0	15200.	8731.	0.5744	7.19	885.	13200.
771 8	5754N	13740W	14507.2	29023.9	0.0	394.	17.5	16000.	8946.	0.5591	8.28	982.	12100.
771025	5605N	13535W	14246.5	27575.7	0.0	424.	17.8	20000.	10169.	0.5084	6.99	10059.	21340.
781 5	5835N	14008W	14423.0	29965.4	0.0	383.	18.1	20160.	9637.	0.4780	6.49	7627.	19580.
791016	5846N	14056W	14375.9	30233.8	0.0	295.	21.0	15200.	7212.	0.4744	5.59	3941.	12760.
781 8	5839N	14027W	14402.5	30069.6	0.0	334.	20.5	20160.	9479.	0.4702	7.48	3198.	17380.
791011	5830N	14002W	14405.2	29898.5	0.0	383.	18.0	15200.	7004.	0.4608	7.83	7859.	15180.
791017	5832N	14003W	14415.7	29920.2	0.0	295.	18.0	15200.	6915.	0.4550	6.54	134.	15840.
781 3	5846N	14056W	14375.9	30233.8	0.0	366.	16.9	19200.	7813.	0.4069	6.27	2205.	13200.
791018	5832N	14002W	14418.1	29916.5	0.0	301.	19.0	15200.	5989.	0.3940	5.43	4383.	11880.
781 1	5908N	14140W	14416.4	30578.9	0.0	383.	18.0	20160.	7203.	0.3573	6.25	1843.	10340.
7810 2	5900N	14116W	14422.2	30428.1	0.0	388.	18.3	20160.	6924.	0.3435	6.25	5682.	16720.
781 7	5835N	14007W	14425.5	29961.8	0.0	345.	17.5	20160.	3648.	0.1810	7.92	1720.	9240.
781 4	5855N	14059W	14430.9	30325.6	0.0	317.	16.9	19200.	3360.	0.1750	6.25	212.	12980.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

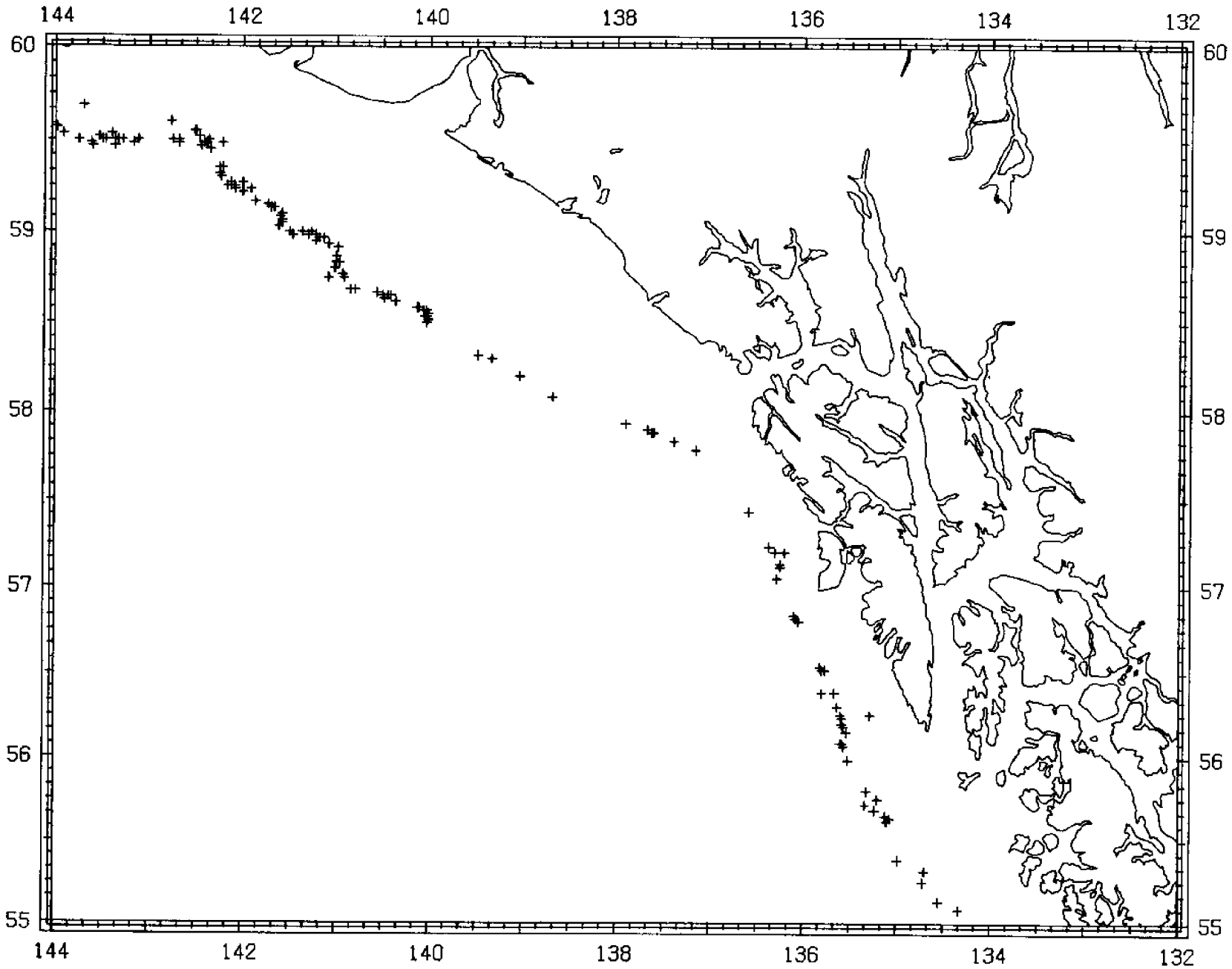


FIGURE D-1. SABLEFISH, ALL MONTHS, 1977-1979

TABLE D-7. PACIFIC COD, JULY-SEPTEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES GX	GY		DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 9 8	5941N	14342W	14317.3	31224.1	0.0	77.	9.0	15200.	6467.	0.4254	5.08	879.	10780.
78 924	5858N	14105W	14436.7	30373.2	0.0	355.	17.2	20160.	7712.	0.3825	6.25	1125.	9240.
78 818	5930N	14245W	14402.6	30974.7	0.0	383.	15.0	19200.	109.	0.0057	5.61	5047.	17160.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE D-8. PACIFIC COD, OCTOBER-DECEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES GX	GY		DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
7810 4	5855N	14059W	14430.9	30325.6	0.0	317.	16.9	19200.	1250.	0.0651	11.44	212.	12980.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE D-9. PACIFIC HALIBUT, JANUARY-MARCH

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES GX	GY		DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
78 317	5927N	14221W	14448.5	30878.5	0.0	317.	15.0	20580.	249.	0.0121	20.46	1276.	6160.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

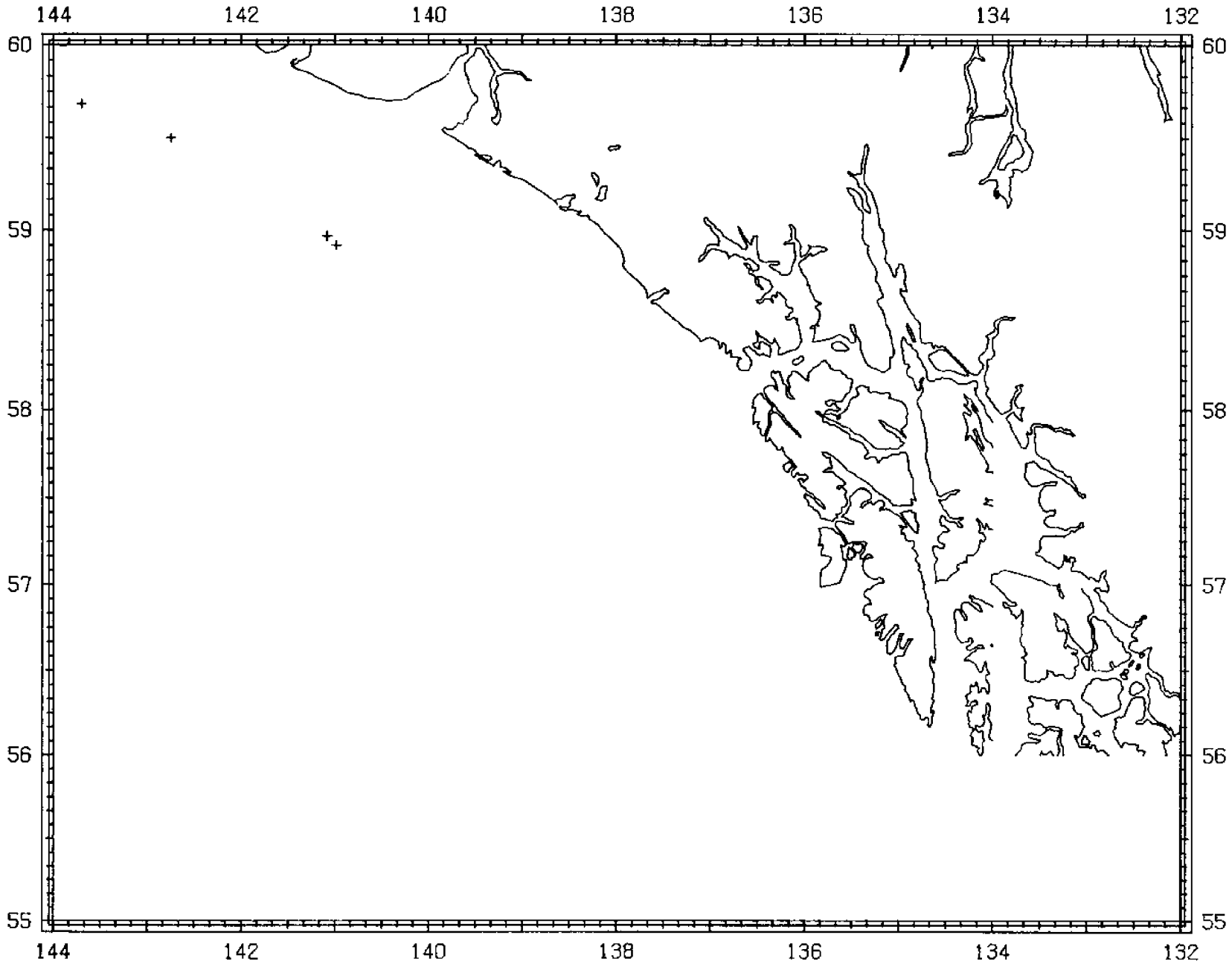


FIGURE D-2. PACIFIC COD, ALL MONTHS, 1977-1979

TABLE D-10. PACIFIC HALIBUT, APRIL-JUNE

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 6X	6Y		DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 5 4	5930N	14320W	14295.2	31069.5	0.0	339.	13.0	15200.	1126.	0.0741	8.63	4176.	12760.
79 5 3	5930N	14345W	14214.5	31133.4	0.0	372.	12.5	15200.	642.	0.0423	9.64	3046.	11440.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE D-11. PACIFIC HALIBUT, JULY-SEPTEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 6X	6Y		DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 9 8	5941N	14342W	14317.3	31224.1	0.0	77.	9.0	15200.	2504.	0.1647	10.76	879.	10780.
79 727	5834N	14002W	14431.1	29934.6	0.0	383.	12.0	15800.	65.	0.0038	17.71	2143.	15180.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE D-12. PACIFIC HALIBUT, OCTOBER-DECEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 6X	6Y		DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
791017	5832N	14003W	14415.7	29920.2	0.0	295.	18.0	15200.	1287.	0.0834	12.48	134.	15840.
791015	5832N	14002W	14418.1	29916.5	0.0	317.	20.0	15200.	735.	0.0484	30.03	885.	13200.
7810 2	5900N	14116N	14422.2	30428.1	0.0	388.	18.3	20160.	417.	0.0207	54.36	5682.	16720.
791013	5840N	14034W	14391.6	30103.3	0.0	355.	18.0	15200.	201.	0.0132	10.99	2913.	14520.
7810 4	5855N	14059N	14430.9	30325.6	0.0	317.	16.9	19200.	250.	0.0130	29.63	212.	12980.
7810 3	5846N	14056W	14375.9	30233.8	0.0	366.	16.9	19200.	142.	0.0074	16.79	2205.	13200.
771029	5933N	14230W	14470.9	30959.8	0.0	355.	19.5	16000.	104.	0.0065	16.28	2248.	21340.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

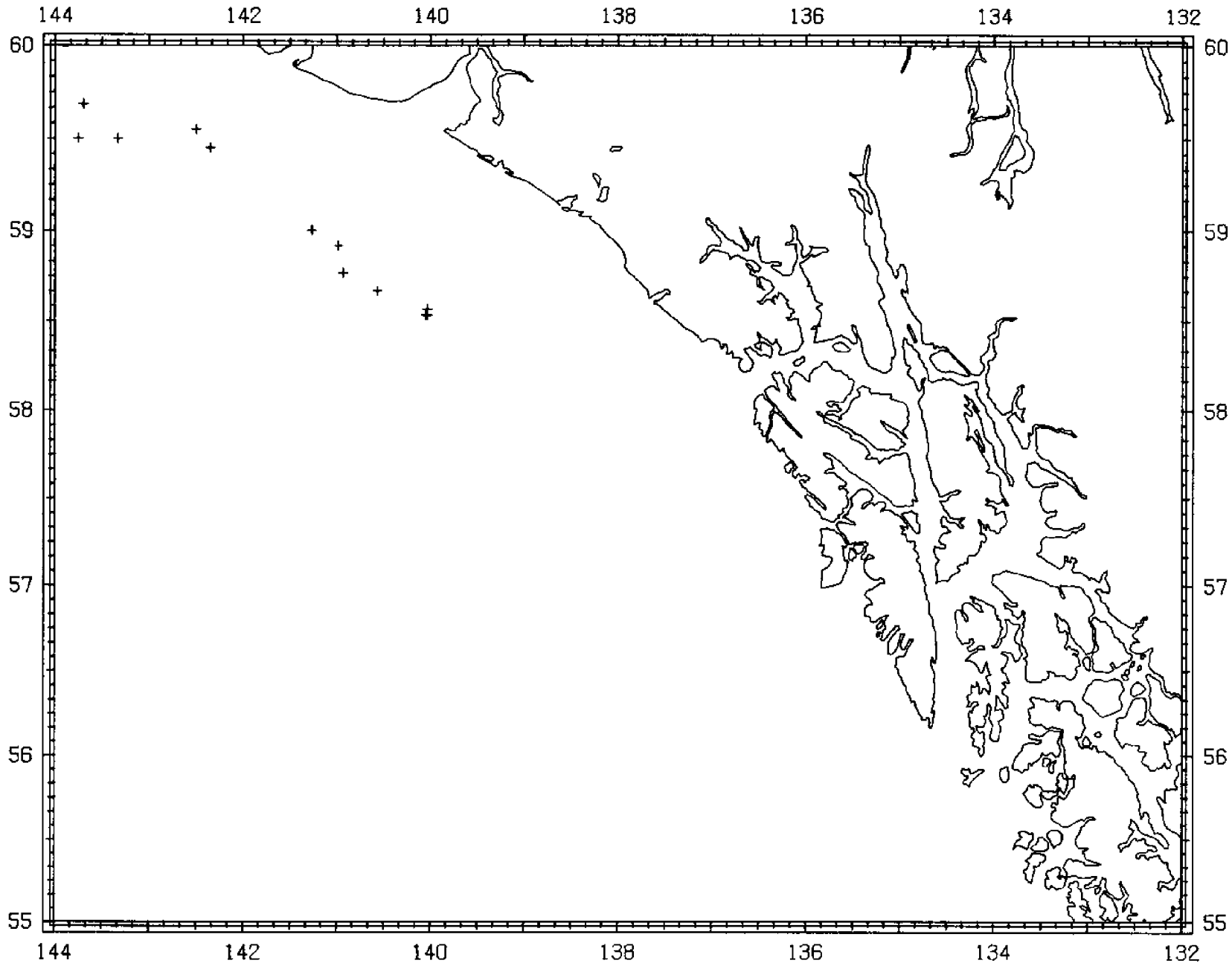


FIGURE D-3. PACIFIC HALIBUT, ALL MONTHS, 1977-1979

TABLE D-13. FLOUNDERS, JANUARY-MARCH

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 6X	6Y		DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
78 116	5857N	14113W	14408.6	30390.8	0.0	328.	16.5	15120.	1095.	0.0724	4.06	848.	16280.
78 117	5927N	14221W	14446.5	30878.5	0.0	317.	15.0	20580.	1356.	0.0659	4.20	1276.	6160.
78 117	5915N	14208W	14391.5	30729.8	0.0	355.	18.5	15120.	932.	0.0617	3.48	118.	17160.
78 124	5930N	14307W	14335.9	31035.0	0.0	383.	17.0	15120.	471.	0.0311	3.78	3080.	17160.
78 114	5834N	14004W	14426.2	29941.8	0.0	345.	18.3	15120.	169.	0.0112	3.52	1438.	19140.
78 316	5915N	14210W	14385.6	30735.9	0.0	345.	15.0	20580.	194.	0.0094	4.22	514.	7700.
78 120	5905N	14136W	14405.1	30538.8	0.0	361.	18.5	15120.	117.	0.0077	7.92	705.	8580.
78 123	5915N	14205W	14400.0	30720.7	0.0	355.	23.0	15120.	107.	0.0071	4.84	227.	11440.
78 121	5850N	14100W	14393.2	30283.6	0.0	355.	18.0	15120.	105.	0.0069	5.06	3078.	12980.
78 122	5831N	14001W	14414.1	29903.9	0.0	350.	18.0	15120.	79.	0.0052	2.86	1623.	10120.
78 115	5818N	13920W	14429.4	29634.1	0.0	350.	16.0	15120.	52.	0.0034	3.08	1437.	14560.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE D-14. FLOUNDERS, APRIL-JUNE

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 6X	6Y		DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
79 5 4	5930N	14320W	14295.2	31065.5	0.0	339.	13.0	15200.	2560.	0.1684	3.28	4176.	12760.
79 5 3	5930N	14345W	14214.5	31133.4	0.0	372.	12.5	15200.	2111.	0.1389	3.76	3046.	11440.
79 6 9	5900N	14130W	14384.7	30473.9	0.0	328.	14.0	15120.	855.	0.0592	4.36	4012.	21340.
79 611	5916N	14208W	14395.2	30738.9	0.0	328.	13.0	15120.	748.	0.0495	4.16	8042.	22000.
79 610	5909N	14144W	14413.0	30600.7	0.0	328.	13.0	15120.	663.	0.0438	4.44	2295.	19580.
79 5 1	5928N	14336W	14227.3	31093.0	0.0	317.	11.0	15200.	610.	0.0406	3.90	6205.	12540.
79 6 8	5856N	14105W	14422.4	30355.0	0.0	350.	14.0	15120.	542.	0.0358	5.08	4844.	22660.
79 6 5	5834N	14004W	14426.2	29941.8	0.0	328.	16.0	15120.	383.	0.0253	6.33	3038.	21120.
79 629	5929N	14241W	14406.4	30954.3	0.0	388.	18.3	16800.	301.	0.0179	3.77	4319.	20680.
79 628	5930N	14322W	14288.9	31074.7	0.0	394.	18.0	16800.	277.	0.0165	4.84	7295.	18920.
79 626	5932N	14324W	14299.1	31097.9	0.0	383.	17.0	16800.	274.	0.0163	4.40	4047.	13200.
79 5 2	5930N	14307W	14335.9	31035.0	0.0	328.	11.5	15200.	127.	0.0084	6.16	7120.	14740.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE D-15. FLOUNDERS, JULY-SEPTEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 6X	6Y		DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
78 930	5845N	14105W	14345.3	30255.5	0.0	334.	17.3	20160.	957.	0.0474	4.84	975.	10560.
78 818	5530N	14245W	14402.6	30974.7	0.0	383.	15.0	19200.	867.	0.0451	4.46	5047.	17160.
79 727	5834N	14002W	14431.1	29934.6	0.0	383.	12.0	16800.	604.	0.0360	5.00	2143.	15180.
77 921	5632N	13549W	14331.7	27843.7	0.0	355.	10.0	8000.	282.	0.0353	9.24	551.	12540.
78 7 1	5929N	14337W	14232.4	31104.4	0.0	355.	13.0	20000.	446.	0.0223	4.18	31606.	49720.
77 920	5623N	13548W	14295.4	27769.3	0.0	383.	17.0	14400.	190.	0.0132	3.41	323.	14520.
77 9 4	5908N	14142W	14411.0	30585.3	0.0	383.	14.0	14400.	188.	0.0131	4.73	956.	10120.
78 813	5902N	14137W	14380.2	30514.7	0.0	399.	13.5	19200.	167.	0.0087	9.68	3789.	14300.
78 925	5850N	14058W	14398.5	30276.8	0.0	328.	17.3	20160.	161.	0.0080	3.80	2967.	12540.
78 926	5904N	14135W	14400.4	30526.5	0.0	350.	17.4	20160.	153.	0.0076	3.27	2480.	13200.
79 8 2	5929N	14225W	14453.0	30908.6	0.0	383.	11.0	17640.	131.	0.0075	3.84	6118.	15400.
79 9 8	5941N	14342W	14317.3	31224.1	0.0	77.	9.0	15200.	102.	0.0067	2.15	879.	10780.
78 817	5930N	14222W	14469.6	30909.1	0.0	465.	14.0	19200.	126.	0.0066	3.67	9514.	19800.
78 927	5859N	14118W	14409.7	30425.6	0.0	355.	17.9	20160.	125.	0.0062	2.25	4110.	10560.
79 930	5852N	14100W	14407.2	30301.7	0.0	405.	11.1	21600.	122.	0.0057	3.63	18167.	24860.
79 8 1	5918N	14214W	14397.6	30775.3	0.0	394.	11.0	17640.	83.	0.0047	4.55	2240.	8800.
79 717	5936N	14246W	14448.7	31032.5	0.0	298.	17.5	27000.	117.	0.0043	2.82	15816.	28800.
79 928	5930N	14330W	14263.3	31095.5	0.0	399.	9.1	21600.	80.	0.0037	3.63	4021.	16060.
79 711	5839N	14025W	14407.5	30062.5	0.0	361.	18.3	27000.	96.	0.0036	2.49	5273.	14740.
79 713	5858N	14108W	14428.9	30383.3	0.0	377.	15.2	27000.	95.	0.0035	2.60	11612.	19580.
79 929	5841N	14051W	14354.7	30171.6	0.0	383.	10.5	21600.	72.	0.0033	2.97	15333.	23540.
77 9 7	5539N	13507W	14199.2	27268.4	0.0	383.	17.0	16000.	50.	0.0032	1.32	836.	13200.
79 716	5933N	14231W	14468.0	30962.7	0.0	325.	17.9	27000.	82.	0.0030	2.60	13251.	20020.
79 926	5931N	14228W	14460.4	30935.6	0.0	394.	11.6	21600.	52.	0.0024	2.64	1271.	9460.
79 730	5859N	14128W	14382.9	30458.4	0.0	410.	11.0	17640.	38.	0.0021	2.83	6040.	17600.
79 728	5837N	14022W	14401.7	30032.7	0.0	454.	12.0	17640.	34.	0.0019	2.35	6920.	18040.
79 710	5833N	14001W	14427.0	29921.9	0.0	375.	16.8	27000.	46.	0.0017	2.05	4918.	15400.
78 928	5848N	14101W	14376.7	30268.9	0.0	345.	18.9	20160.	26.	0.0013	1.71	5523.	13640.
79 712	5841N	14048W	14362.5	30161.2	0.0	369.	14.8	27000.	22.	0.0008	2.36	6923.	12540.
78 924	5858N	14105W	14436.7	30373.2	0.0	355.	17.2	20160.	17.	0.0008	1.90	1125.	9240.
79 729	5858N	14111W	14421.0	30393.3	0.0	437.	11.0	17640.	9.	0.0005	1.32	7718.	18920.
79 925	5921N	14215W	14418.2	30805.7	0.0	432.	11.7	21600.	10.	0.0005	2.64	669.	17380.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE D-16. FLOUNDERS, OCTOBER-DECEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 6X	6Y		DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	********	********	**********	********	********	********
791017	5832N	14003W	14415.7	29920.2	0.0	295.	16.0	15200.	5722.	0.3765	3.92	134.	15840.
781014	5855N	14059W	14430.9	30325.6	0.0	317.	16.9	19200.	5069.	0.2640	5.39	212.	12980.
771027	5921N	14213W	14423.9	30799.7	0.0	383.	17.5	13320.	1368.	0.1027	4.89	531.	16720.
781016	5839N	14027W	14402.5	30069.5	0.0	334.	20.5	20160.	2045.	0.1014	5.12	3198.	17380.
781012	5900N	14116W	14422.2	30428.1	0.0	386.	18.3	20160.	1593.	0.0790	4.70	5682.	16720.
781015	5835N	14008W	14423.0	29965.4	0.0	383.	18.1	20160.	1138.	0.0565	4.96	7627.	19580.
781013	5846N	14056W	14375.9	30233.8	0.0	366.	16.9	19200.	875.	0.0456	5.45	2205.	13200.
791015	5832N	14002W	14416.1	29916.5	0.0	317.	20.0	15200.	610.	0.0401	3.94	885.	13200.
791012	5839N	14030W	14395.0	30080.2	0.0	328.	21.0	15200.	569.	0.0374	4.31	3602.	17380.
771013	5559N	13531W	14230.3	27514.7	0.0	383.	18.3	16000.	515.	0.0322	8.80	612.	16280.
791013	5840N	14034W	14391.6	30103.3	0.0	355.	16.0	15200.	424.	0.0279	3.21	2913.	14520.
781017	5835N	14007W	14425.5	29961.8	0.0	345.	17.5	20160.	556.	0.0276	5.23	1720.	9240.
771023	5631N	13546W	14333.2	27822.0	0.0	383.	19.2	16000.	390.	0.0244	10.56	2071.	14300.
771016	5930N	14328W	14265.7	31090.3	0.0	396.	18.8	21000.	492.	0.0234	5.11	4634.	27280.
781011	5908N	14140W	14416.4	30578.9	0.0	383.	18.0	20160.	329.	0.0163	4.34	1843.	10340.
791016	5846N	14056W	14375.9	30233.8	0.0	295.	21.0	15200.	234.	0.0154	3.18	3941.	12760.
791018	5832N	14002W	14416.1	29916.5	0.0	301.	19.0	15200.	92.	0.0061	2.70	4383.	11880.
771025	5605N	13535W	14246.5	27575.7	0.0	424.	17.8	20000.	95.	0.0048	3.74	10059.	21340.
771019	5543N	13520W	14189.2	27356.6	0.0	366.	17.5	20000.	74.	0.0037	3.41	1870.	15620.
791014	5900N	14122W	14406.2	30447.8	0.0	366.	19.0	15200.	21.	0.0014	2.86	3726.	13640.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE D-17. ROCKFISH, JANUARY-MARCH

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 6X	6Y		DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	********	********	**********	********	********	********
78 118	5930N	14317W	14304.7	31061.6	0.0	361.	18.3	15120.	1490.	0.0986	1.47	573.	18920.
78 115	5818N	13920W	14429.4	29634.1	0.0	350.	16.0	15120.	1227.	0.0811	1.56	1437.	14960.
78 123	5915N	14205W	14400.0	30720.7	0.0	355.	23.0	15120.	727.	0.0481	1.00	227.	11440.
78 114	5834N	14004W	14426.2	29941.8	0.0	345.	18.3	15120.	720.	0.0476	2.30	1438.	19140.
78 124	5930N	14307W	14335.9	31035.0	0.0	383.	17.0	15120.	613.	0.0406	1.30	3080.	17160.
78 116	5857N	14113W	14408.6	30390.8	0.0	328.	16.5	15120.	520.	0.0344	1.39	848.	16280.
78 317	5927N	14221W	14448.5	30878.5	0.0	317.	15.0	20580.	600.	0.0292	1.27	1276.	6160.
78 119	5929N	14223W	14458.7	30902.7	0.0	355.	17.5	15120.	380.	0.0251	2.22	3408.	14520.
78 120	5905N	14136W	14405.1	30538.8	0.0	361.	18.5	15120.	325.	0.0215	1.00	705.	8580.
78 117	5915N	14208W	14391.5	30729.8	0.0	355.	18.5	15120.	311.	0.0206	0.91	118.	17160.
78 121	5850N	14100W	14393.2	30283.6	0.0	355.	18.0	15120.	251.	0.0166	1.01	3078.	12980.
78 316	5915N	14210W	14385.8	30735.9	0.0	345.	15.0	20580.	298.	0.0145	1.06	514.	7700.
78 122	5831N	14001W	14414.1	29903.9	0.0	350.	18.0	15120.	42.	0.0028	1.54	1623.	10120.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

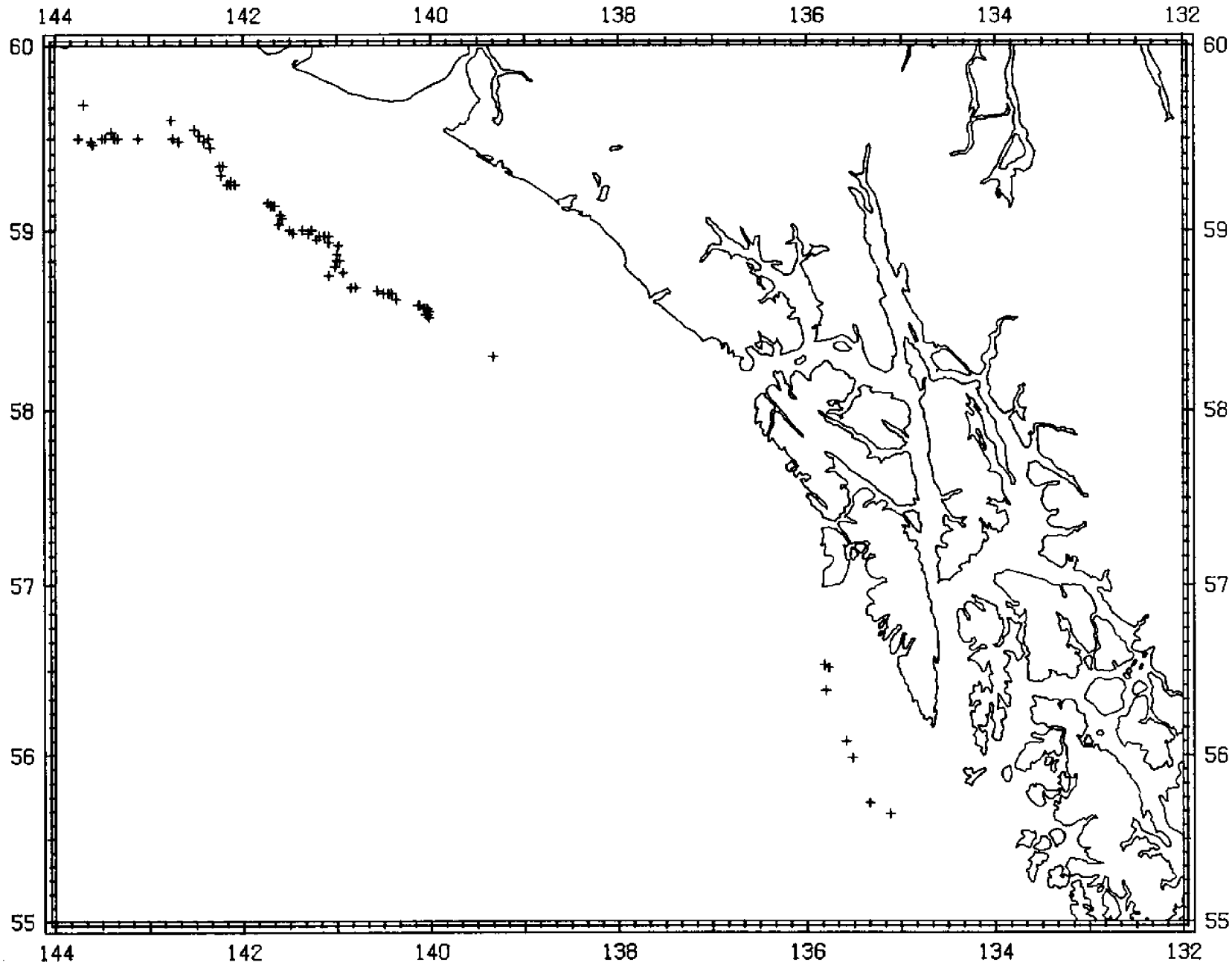


FIGURE D-4. FLOUNDERS, ALL MONTHS, 1977-1979

TABLE D-18. ROCKFISH, APRIL-JUNE

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 6X	6Y		DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
79 628	5930N	14322W	14288.9	31074.7	0.0	394.	18.0	16800.	1714.	0.1020	1.34	7295.	18920.
79 629	5929N	14241W	14406.4	30954.3	0.0	388.	18.3	16800.	1657.	0.0986	1.04	4319.	20680.
79 5 3	5930N	14345W	14214.5	31133.4	0.0	372.	12.5	15200.	1167.	0.0768	1.18	3046.	11440.
79 6 8	5856N	14105W	14422.4	30355.0	0.0	350.	14.0	15120.	993.	0.0657	1.32	4844.	22660.
79 6 9	5900N	14130W	14364.7	30473.9	0.0	328.	14.0	15120.	887.	0.0587	1.39	4012.	21340.
79 611	5916N	14208W	14399.2	30738.9	0.0	328.	13.0	15120.	843.	0.0557	0.99	8042.	22000.
79 626	5932N	14324W	14299.1	31097.9	0.0	383.	17.0	16800.	915.	0.0544	1.05	4047.	13200.
79 6 6	5838N	14029W	14396.8	30067.6	0.0	366.	17.0	15120.	749.	0.0495	1.73	4344.	17600.
79 5 4	5930N	14320W	14295.2	31069.5	0.0	339.	13.0	15200.	691.	0.0455	1.13	4176.	12760.
79 610	5909N	14144W	14413.0	30600.7	0.0	328.	13.0	15120.	636.	0.0421	1.02	2295.	19580.
79 430	5928N	14227W	14439.2	30905.1	0.0	465.	13.0	15200.	593.	0.0390	1.13	10572.	13640.
79 5 1	5928N	14336W	14227.3	31093.0	0.0	317.	11.0	15200.	566.	0.0372	1.10	6205.	12540.
79 5 2	5930N	14307W	14335.9	31035.0	0.0	328.	11.5	15200.	519.	0.0341	1.32	7120.	14740.
79 6 5	5834N	14004W	14426.2	29941.8	0.0	328.	16.0	15120.	371.	0.0245	1.20	3038.	21120.
79 6 7	5845N	14055W	14371.6	30221.3	0.0	361.	14.0	15120.	232.	0.0153	1.65	9263.	17160.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

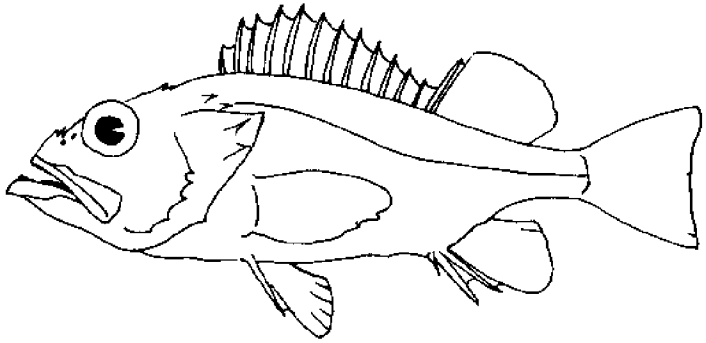


TABLE D-19. ROCKFISH, JULY-SEPTEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES GX	GY		DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
78 7 1	5929N	14337W	14232.4	31104.4	0.0	355.	13.0	20000.	5115.	0.2558	6.00	31606.	49720.
77 915	5523N	13459W	14155.2	27137.4	0.0	383.	20.0	14000.	2940.	0.2100	3.08	6909.	40700.
77 9 5	5812N	13902W	14434.3	29511.4	0.0	394.	20.0	16000.	1491.	0.0932	2.42	22.	11220.
78 818	5530N	14245W	14402.6	30974.7	0.0	383.	15.0	19200.	1740.	0.0906	1.85	5047.	17160.
79 8 2	5929N	14225W	14453.0	30908.6	0.0	383.	11.0	17640.	1511.	0.0856	1.61	6118.	15400.
79 926	5530N	14330W	14263.3	31095.5	0.0	399.	9.1	21600.	1806.	0.0836	1.22	4021.	16060.
77 9 7	5539N	13507W	14199.2	27268.4	0.0	383.	17.0	16000.	1228.	0.0767	1.78	836.	13200.
77 9 5	5519N	13442W	14173.3	27032.5	0.0	410.	16.0	15540.	1052.	0.0677	4.44	887.	20020.
77 916	5604N	13534W	14244.4	27563.8	0.0	377.	19.0	16000.	989.	0.0618	1.52	670.	19140.
79 925	5921N	14215W	14418.2	30805.7	0.0	432.	11.7	21600.	1334.	0.0618	1.00	669.	17380.
77 9 4	5908N	14142W	14411.0	30565.3	0.0	383.	14.0	14400.	877.	0.0609	1.34	956.	10120.
79 716	5933N	14231W	14468.0	30962.7	0.0	325.	17.9	27000.	1546.	0.0573	1.47	13251.	20020.
79 717	5936N	14246W	14448.7	31032.5	0.0	298.	17.5	27000.	1523.	0.0564	1.26	15816.	28600.
78 930	5845N	14105W	14345.3	30255.5	0.0	334.	17.3	20160.	1094.	0.0543	1.44	975.	10560.
77 912	5508N	13433W	14151.3	26934.9	0.0	383.	21.0	16000.	856.	0.0535	1.43	211.	11220.
78 815	5914N	14205W	14392.3	30711.6	0.0	328.	15.0	19200.	960.	0.0500	1.25	5067.	17160.
79 926	5931N	14228W	14460.4	30935.6	0.0	394.	11.6	21600.	1052.	0.0487	1.13	1271.	9460.
78 813	5902N	14137W	14380.2	30514.7	0.0	399.	13.5	19200.	932.	0.0485	1.02	3789.	14300.
78 928	5848N	14101W	14376.7	30268.9	0.0	345.	18.9	20160.	927.	0.0460	1.30	5523.	13640.
79 930	5852N	14100W	14407.2	30301.7	0.0	405.	11.1	21600.	987.	0.0457	0.94	18167.	24860.
78 927	5859N	14118W	14409.7	30425.6	0.0	355.	17.9	20160.	908.	0.0450	1.10	4110.	10560.
78 814	5906N	14135W	14415.2	30544.7	0.0	383.	13.0	19200.	835.	0.0435	1.07	2706.	13200.
79 831	5929N	14310W	14318.3	31034.0	0.0	437.	11.0	16800.	725.	0.0432	1.31	11119.	16060.
79 731	5910N	14152W	14398.4	30835.0	0.0	399.	11.0	17640.	734.	0.0416	1.22	4576.	14300.
77 9 8	5615N	13536W	14285.3	27652.9	0.0	416.	17.0	15540.	643.	0.0414	2.08	640.	16940.
77 918	5618N	13538W	14293.9	27684.7	0.0	394.	17.0	16000.	655.	0.0409	1.72	1354.	18260.
78 816	5919N	14215W	14402.5	30707.4	0.0	492.	16.0	19200.	787.	0.0399	1.13	7683.	18260.
78 926	5904N	14135W	14400.4	30526.5	0.0	350.	17.4	20160.	770.	0.0386	1.10	2480.	13200.
79 730	5859N	14128W	14382.9	30458.4	0.0	410.	11.0	17640.	653.	0.0370	0.97	6040.	17600.
78 929	5859N	14113W	14422.9	30409.0	0.0	410.	18.8	20160.	726.	0.0360	1.14	6658.	16720.
78 815	5914N	14155W	14420.4	30680.9	0.0	301.	14.5	19200.	668.	0.0348	1.06	3545.	14300.
78 925	5850N	14058W	14398.5	30278.8	0.0	328.	17.3	20160.	683.	0.0339	1.41	2967.	12540.
79 9 4	5923N	14322W	14272.3	31056.8	0.0	437.	12.0	16800.	563.	0.0335	1.32	15574.	26180.
78 817	5930N	14222W	14469.6	30909.1	0.0	465.	14.0	19200.	639.	0.0333	1.05	9514.	19800.
78 812	5900N	14130W	14384.7	30473.9	0.0	437.	14.0	19200.	636.	0.0331	1.32	7932.	19800.
77 9 6	5614N	13535W	14283.2	27640.7	0.0	394.	19.0	15540.	500.	0.0322	1.33	516.	14520.
78 820	5930W	14241W	14414.5	30963.5	0.0	519.	16.5	19200.	607.	0.0316	1.32	27926.	37400.
79 924	5913N	14200W	14398.8	30687.2	0.0	421.	11.0	20160.	632.	0.0314	1.28	1174.	12100.
77 921	5632N	13549W	14331.7	27843.7	0.0	355.	10.0	8000.	242.	0.0302	1.13	551.	12540.
79 727	5834N	14002W	14431.1	29934.6	0.0	383.	12.0	16800.	507.	0.0302	1.21	2143.	15180.
77 911	5505N	13420W	14165.3	26857.7	0.0	383.	21.0	16000.	461.	0.0288	1.95	535.	13860.
77 9 9	5649N	13605W	14375.3	28053.8	0.0	443.	18.2	15540.	445.	0.0287	1.47	19.	16060.
77 922	5632N	13549W	14331.7	27843.7	0.0	355.	22.0	16000.	454.	0.0284	1.17	1135.	11880.
77 919	5753N	13737W	14507.9	29002.7	0.0	437.	14.8	14800.	404.	0.0273	1.28	458.	14080.
77 917	5611N	13534W	14272.8	27614.0	0.0	383.	23.0	15200.	413.	0.0272	1.38	770.	15180.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE D-19 (continued) ROCKFISH, JULY-SEPTEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 6X	6Y		DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
77 915	5819N	13929W	14414.7	29877.2	0.0	448.	18.5	15540.	418.	0.0269	1.44	816.	14960.
77 926	5650N	13606W	14377.9	28066.6	0.0	383.	18.0	16000.	423.	0.0264	1.08	707.	17380.
79 714	5903N	14135W	14393.0	30517.4	0.0	416.	15.5	27000.	697.	0.0258	1.08	7758.	17160.
79 728	5837N	14022W	14401.7	30033.7	0.0	454.	12.0	17640.	447.	0.0253	1.31	6920.	18040.
79 711	5839N	14025W	14407.5	30062.5	0.0	361.	18.3	27000.	679.	0.0251	1.44	5273.	14740.
79 9 6	5932N	14355W	14198.2	31175.7	0.0	492.	13.2	16800.	402.	0.0240	1.40	10095.	20460.
77 928	5612N	13535W	14275.0	27626.0	0.0	355.	17.0	16000.	378.	0.0236	0.99	1646.	18040.
79 9 8	5941N	14342W	14317.3	31224.1	0.0	77.	9.0	15200.	355.	0.0234	1.46	879.	10780.
77 916	5805N	13841W	14440.1	29366.9	0.0	377.	20.5	15540.	351.	0.0226	2.36	7540.	21120.
77 914	5515N	13443W	14157.1	27017.3	0.0	394.	19.0	16000.	360.	0.0225	1.44	256.	15400.
77 923	5712N	13618W	14456.0	28306.6	0.0	437.	16.0	16000.	358.	0.0224	2.12	3674.	20460.
77 913	5753N	13736W	14509.9	28998.6	0.0	437.	16.7	15540.	326.	0.0210	0.63	2021.	21120.
77 910	5631N	13548W	14325.4	27831.2	0.0	394.	18.5	15540.	302.	0.0194	1.06	346.	16280.
78 924	5858N	14105W	14436.7	30373.2	0.0	355.	17.2	20160.	386.	0.0191	1.28	1125.	9240.
77 930	5712N	13612W	14467.4	28280.6	0.0	383.	27.0	16000.	304.	0.0190	1.01	2755.	18480.
79 8 1	5918N	14214W	14397.6	30775.3	0.0	394.	11.0	17640.	323.	0.0183	1.08	2240.	8800.
77 912	5714N	13622W	14457.9	28341.4	0.0	372.	20.0	13320.	241.	0.0181	0.97	1298.	15400.
77 911	5707N	13615W	14438.3	28250.2	0.0	427.	15.1	15540.	264.	0.0170	1.10	773.	15400.
79 729	5858N	14111W	14421.0	30393.3	0.0	437.	11.0	17640.	292.	0.0166	1.11	7718.	18920.
79 713	5858N	14108W	14428.9	30383.3	0.0	377.	15.2	27000.	445.	0.0165	1.21	11612.	19580.
79 925	5841N	14051W	14354.7	30171.6	0.0	383.	10.5	21600.	353.	0.0163	2.54	15333.	23540.
77 924	5726N	13635W	14490.9	28502.8	0.0	437.	25.0	16000.	246.	0.0154	1.67	1160.	17820.
78 819	5910N	14152W	14398.4	30635.0	0.0	383.	15.5	19200.	270.	0.0141	1.24	3750.	8140.
77 927	5605N	13536W	14244.6	27580.4	0.0	383.	18.0	15200.	202.	0.0133	1.10	1292.	16720.
79 712	5841N	14048W	14362.5	30161.2	0.0	369.	14.8	27000.	328.	0.0122	1.21	6923.	12540.
79 710	5833N	14001W	14427.0	29921.9	0.0	375.	16.8	27000.	298.	0.0110	1.14	4918.	15400.
77 929	5703N	13617W	14415.9	28224.7	0.0	377.	17.0	16000.	156.	0.0098	1.32	3907.	32560.
77 914	5756N	13754W	14489.6	29098.7	0.0	394.	15.1	15540.	149.	0.0096	0.88	970.	15180.
77 920	5623N	13548W	14295.4	27769.3	0.0	383.	17.0	14400.	126.	0.0087	1.50	323.	14520.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE D-20. ROCKFISH, OCTOBER-DECEMBER

DATE YYMMDD	LAT	LONG	APPROX LORAN-C PULSE RATES 6X	6Y		DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
******	*****	******	********	*******	*******	*****	*****	*********	*********	**********	*********	********	********
771027	5921N	14213W	14423.9	30799.7	0.0	383.	17.5	13320.	6687.	0.5020	5.66	531.	16720.
771018	5707N	13615W	14438.3	28250.2	0.0	410.	16.0	16000.	2739.	0.1712	2.08	2268.	17380.
781C 7	5835N	14007W	14425.5	29961.8	0.0	345.	17.5	20160.	3315.	0.1644	4.39	1720.	9240.
771023	5631N	13546W	14333.2	27822.0	0.0	383.	19.2	16000.	2607.	0.1629	2.21	2071.	14300.
771025	5916N	14200W	14421.7	30714.6	0.0	383.	17.5	16000.	2382.	0.1489	4.53	1639.	18700.
7710 2	5648N	13603W	14374.7	28036.6	0.0	383.	8.0	6000.	889.	0.1482	2.78	395.	6820.
781C 4	5855N	14059W	14430.9	30325.6	0.0	317.	16.9	19200.	2840.	0.1479	2.84	212.	12980.
791C15	5832N	14002W	14416.1	29916.5	0.0	317.	20.0	15200.	2238.	0.1473	2.81	885.	13200.
771C 8	5754N	13740W	14507.2	29023.9	0.0	394.	17.5	16000.	2172.	0.1358	3.06	982.	12100.
781C 6	5839N	14027W	14402.5	30065.6	0.0	334.	20.5	20160.	2658.	0.1319	3.04	3158.	17380.
7710 7	5750N	13723W	14519.8	28918.3	0.0	383.	17.5	16000.	2012.	0.1257	2.86	562.	13640.
791C17	5832N	14003W	14415.7	29920.2	0.0	295.	18.0	15200.	1801.	0.1185	3.95	134.	15840.
771022	5623N	13540W	14310.9	27732.0	0.0	383.	22.4	16000.	1862.	0.1164	3.47	2655.	14960.
781C 3	5846N	14056W	14375.9	30233.8	0.0	366.	16.9	19200.	2165.	0.1128	1.96	2205.	13200.
771029	5933N	14230W	14470.9	30959.8	0.0	355.	19.5	16000.	1719.	0.1074	1.61	2248.	21340.
781C 2	5900N	14116W	14422.2	30428.1	0.0	380.	18.3	20160.	2103.	0.1043	1.99	5682.	16720.
791C18	5832N	14002W	14416.1	29916.5	0.0	301.	19.0	15200.	1416.	0.0931	2.05	4383.	11880.
791C16	5846N	14056W	14375.9	30233.8	0.0	295.	21.0	15200.	1375.	0.0903	2.12	3941.	12760.
771012	5931N	14332W	14265.2	31109.5	0.0	413.	15.9	20000.	1284.	0.0642	1.01	7532.	21340.
781C 5	5835N	14008W	14423.0	29965.4	0.0	383.	18.1	20160.	1177.	0.0584	3.00	7627.	19580.
7710 3	5611N	13534W	14272.8	27614.0	0.0	383.	17.0	15200.	843.	0.0554	2.72	625.	18920.
7710 1	5648N	13603W	14374.7	28036.6	0.0	383.	17.0	12000.	640.	0.0533	3.52	1470.	13860.
771027	5615N	13517W	14321.6	27563.1	0.0	383.	18.3	20000.	1081.	0.0530	1.56	6730.	22440.
771025	5605N	13535W	14246.5	27575.7	0.0	424.	17.8	20000.	1017.	0.0508	1.66	10059.	21340.
771019	5609N	13532W	14268.5	27590.0	0.0	383.	18.4	16000.	779.	0.0487	1.58	3396.	16720.
771013	5559N	13531W	14230.3	27514.7	0.0	383.	18.3	16000.	773.	0.0483	2.03	612.	16280.
781C 1	5908N	14140W	14416.4	30578.9	0.0	383.	18.0	20160.	965.	0.0479	1.14	1843.	10340.
7710 6	5930N	14328W	14265.7	31090.3	0.0	396.	18.8	21000.	949.	0.0452	1.10	4634.	27280.
791014	5900N	14122W	14406.2	30447.8	0.0	366.	19.0	15200.	685.	0.0451	1.08	3726.	13640.
7912 4	5934N	14359W	14201.7	31203.0	0.0	427.	16.0	15960.	707.	0.0443	1.36	21322.	38060.
771012	5545N	13512W	14212.4	27330.2	0.0	383.	18.5	16000.	649.	0.0405	3.25	843.	18480.
791012	5839N	14030W	14395.0	30080.2	0.0	328.	21.0	15200.	613.	0.0404	1.62	3602.	17380.
791013	5840N	14034W	14391.6	30103.3	0.0	355.	16.0	15200.	528.	0.0347	1.63	2913.	14520.
771023	5543N	13519W	14210.5	27383.5	0.0	410.	17.1	20000.	672.	0.0336	1.17	176.	17820.
7710 6	5747N	13709W	14531.5	28833.6	0.0	383.	17.5	16000.	537.	0.0336	2.79	371.	16500.
771022	5538N	13504W	14201.2	27247.8	0.0	391.	15.7	20000.	588.	0.0294	1.77	574.	17600.
771028	5929N	14213W	14487.0	30873.4	0.0	383.	16.2	16000.	453.	0.0283	1.41	4608.	19800.
771019	5543N	13520W	14189.2	27356.6	0.0	366.	17.5	20000.	507.	0.0254	1.37	1870.	15620.
771011	5537N	13506W	14193.6	27251.4	0.0	410.	16.2	16000.	344.	0.0215	3.05	681.	17380.
791011	5830N	14002W	14405.2	29898.5	0.0	383.	18.0	15200.	318.	0.0209	1.50	7859.	15180.
771028	5708N	13615W	14443.0	28258.9	0.0	402.	17.5	20000.	401.	0.0201	1.06	8120.	27720.

*** NOTE *** THE ACCURACY OF POSITION AND LORAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

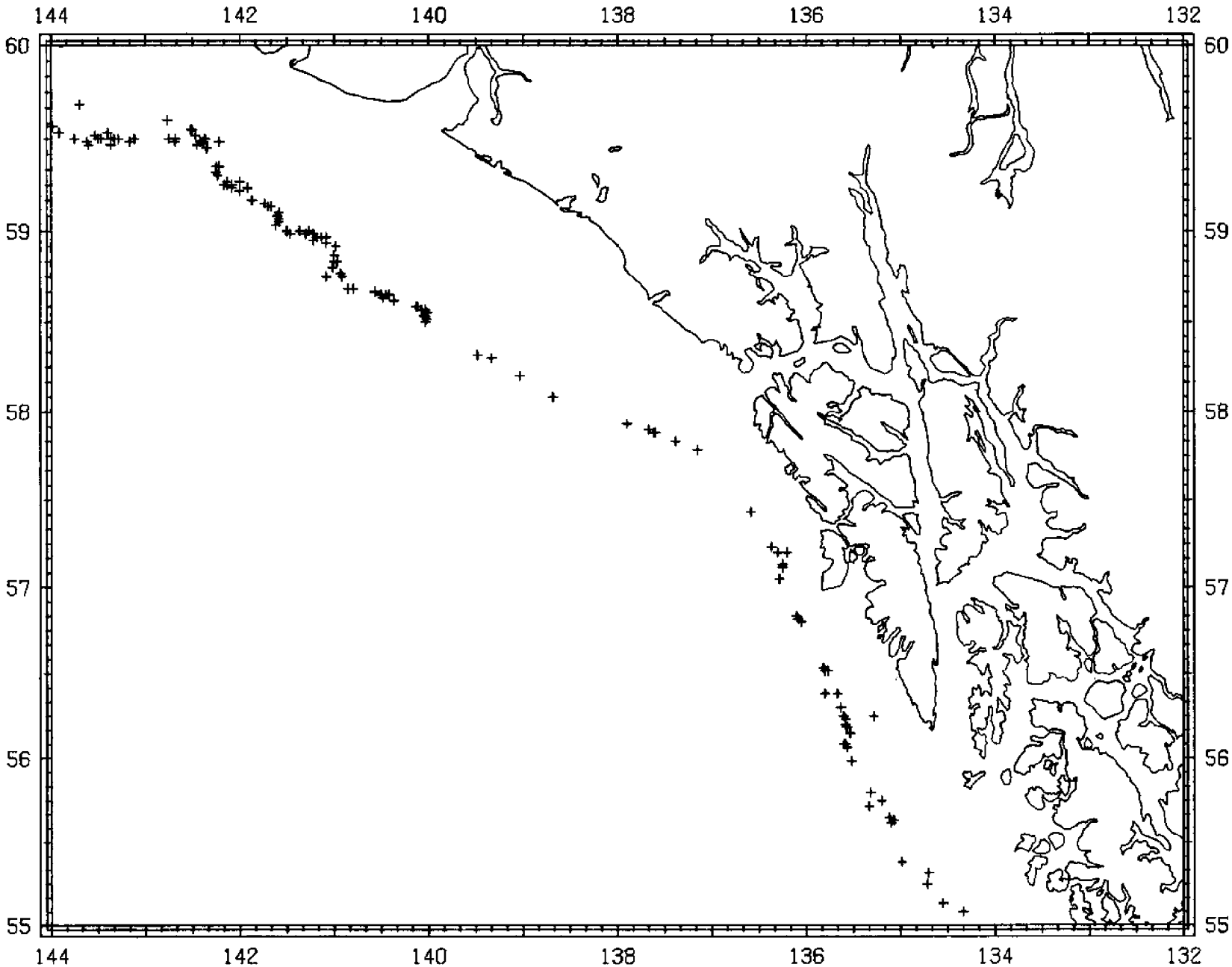


FIGURE D-5. ROCKFISH, ALL MONTHS, 1977-1979

APPENDIX E

Other Sources of Information

For additional information, a short bibliography of related publications follows.

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