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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

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

and

Alaska Sea Grant Program
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ACKNOWLEDGMENTS

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 ship-board 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	<u>621.5</u>	<u>1,688.6</u>	<u>2,310.1</u>
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).

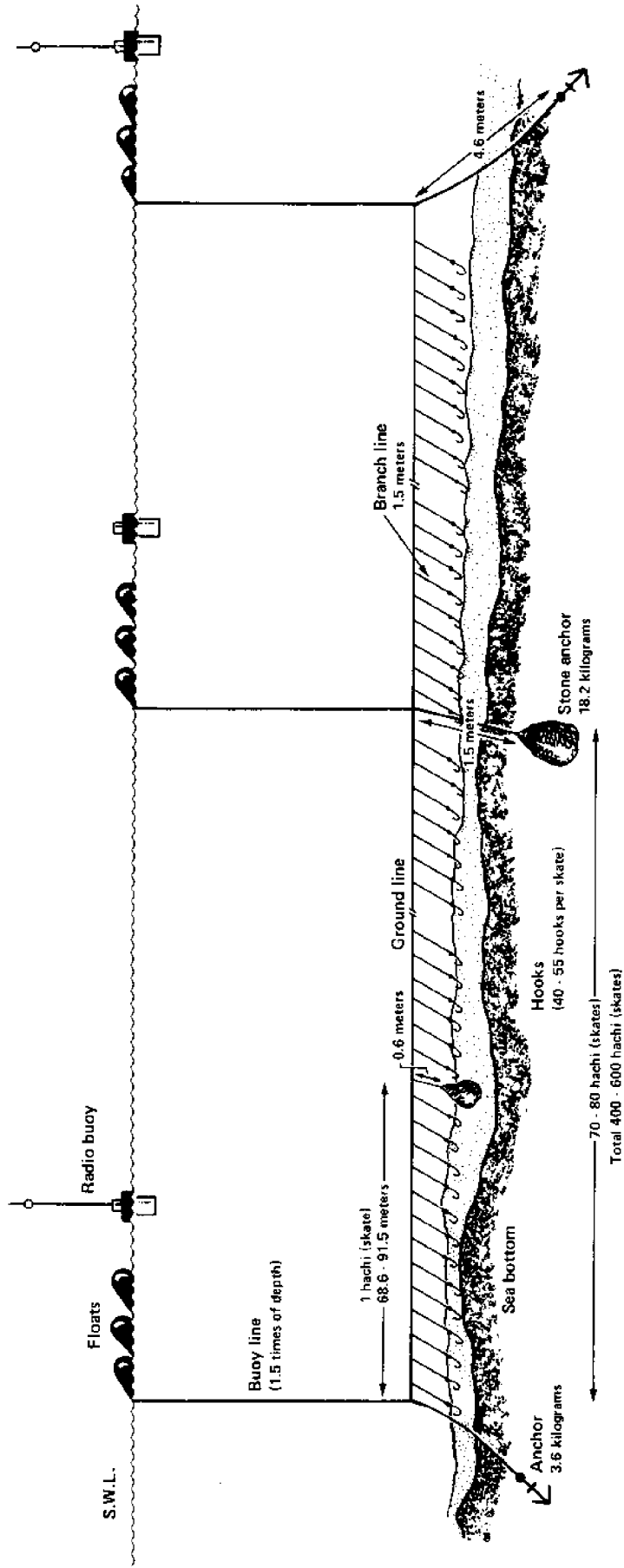


Figure 1. Design of Japanese longline gear used in fishing for sablefish, Pacific cod, and Greenland turbot (note: 1 meter = 3.28 feet; 1 kilogram = 2.2 pounds).

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,

^{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

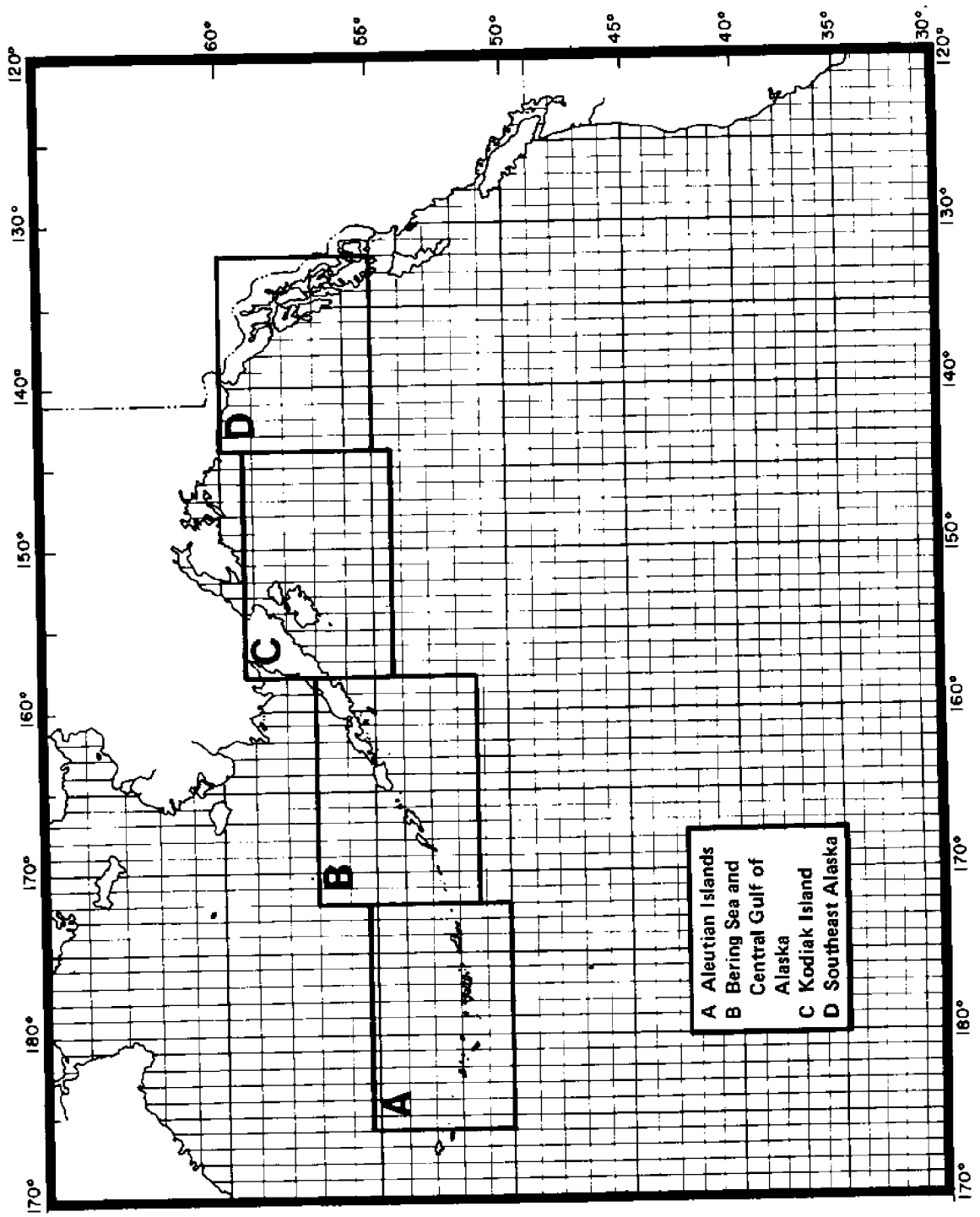


Figure 2. Summary of geographical areas used for reporting foreign longline fishing data.

Table 3. Fish species included in this analysis.

Group Name	Scientific Name or Class Definition
Sablefish	<u>Anoplopoma fimbria</u>
Pacific Cod	<u>Gadus macrocephalus</u>
Pacific Halibut	<u>Hippoglossus stenolepis</u>
Flounders	Includes all occurring pleuronectid species
Rockfish	Includes all occurring <u>Sebastes</u> and <u>Sebastolobus</u> 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

LITERATURE CITED

ANON.

1979a Fishery management plan for the Gulf of Alaska groundfish fishery. Amended September 22, 1979. North Pacific Fishery Management Council, Anchorage, 323 p.

ANON.

1979b Fishery management plan for the groundfish fishery in the Bering Sea/Aleutian Island area. November 19, 1979. North Pacific Fishery Management Council, Anchorage, 224 p.

NELSON, R. Jr., R. FRENCH, J. WALL, and D. HENNICK

1978 Summary of U.S. observer sampling on foreign fishing vessels in Bering Sea/Aleutian Islands areas, 1977. U.S. Dep. Commer., Natl. Oceanic Atmos. Admin., Natl. Mar. Fish. Serv., Northwest and Alaska Fish. Center, Seattle, WA, Unpubl. manusc., 73 p.

NELSON, R. Jr., R. FRENCH, and J. WALL

1979 Summary of U.S. observer sampling on foreign fishing vessels in Bering Sea/Aleutian Islands areas, 1978. U.S. Dep. Commer., Natl. Oceanic Atmos. Admin., Natl. Mar. Fish. Serv. Northwest and Alaska Fish. Center, Seattle, WA, Unpubl. manusc., 76 p.

NELSON, R. Jr., R. FRENCH, J. WALL, and J. BERGER

1980 Summaries of provisional 1979 foreign groundfish catches in the northeast Pacific Ocean and Bering Sea. U.S. Dep. Commer., Natl. Oceanic Atmos. Admin., Natl. Mar. Fish. Serv., Northwest and Alaska Fish. Center, Seattle, WA, Unpubl. manusc., 150 p.

SMITH, G. B. and R. S. HADLEY

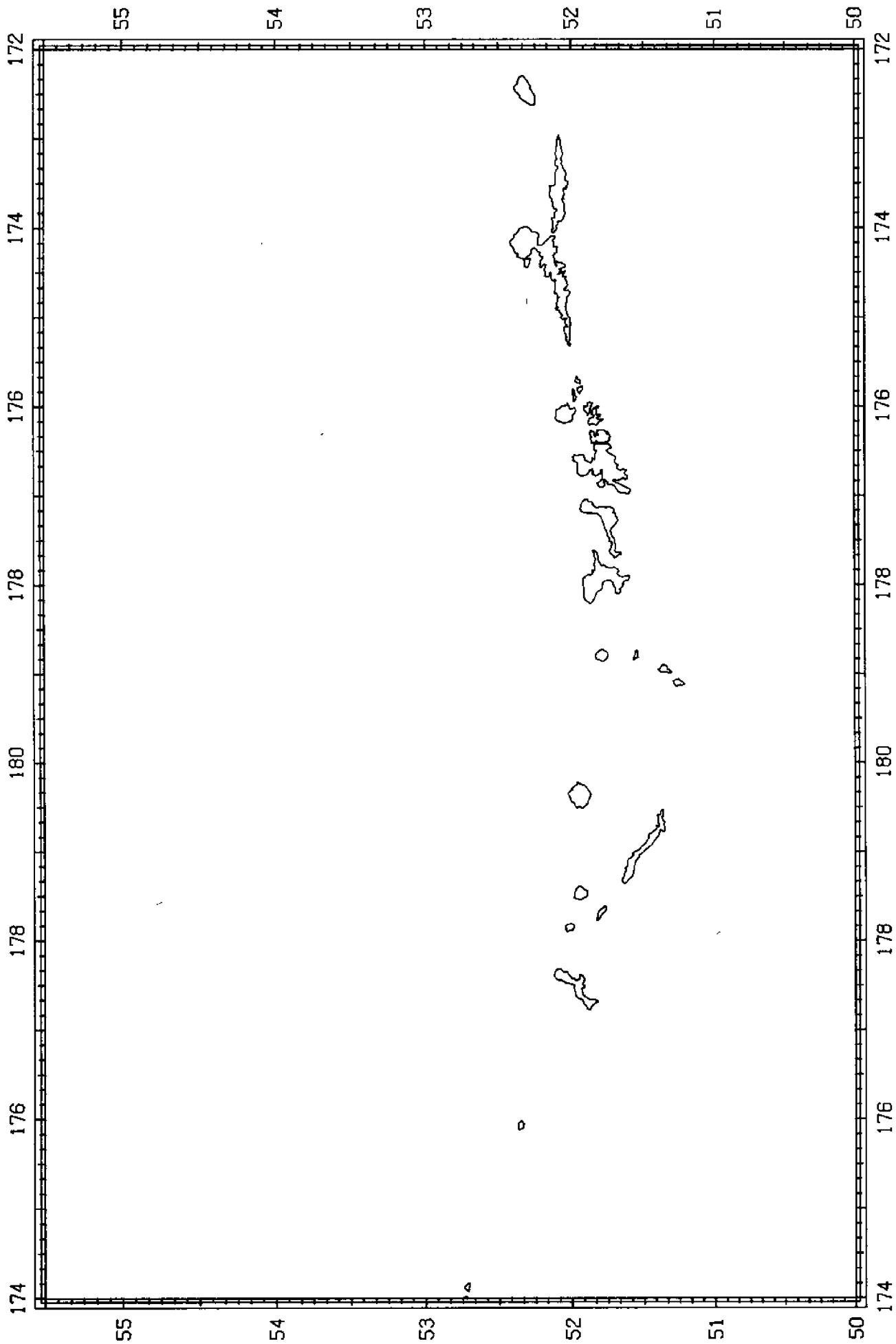
1979 A summary of productive foreign fishing locations in the Alaska region during 1977-78: trawl fisheries. University of Alaska, Fairbanks, Sea Grant Rep. 79-7, 283 p.

WALL, J., R. FRENCH, R. NELSON Jr., and D. HENNICK

1978 Data from the observations of foreign fishing fleets in the Gulf of Alaska, 1977. U.S. Dep. Commer., Natl. Oceanic Atmos. Admin., Natl. Mar. Fish. Serv., Northwest and Alaska Fish. Center, Seattle, WA, Unpubl. manusc., 28 p.

WALL, J., R. FRENCH, and R. NELSON Jr.

1979 Observations of foreign fishing fleets in the Gulf of Alaska, 1978. U.S. Dep. Commer., Natl. Oceanic Atmos. Admin., Natl. Mar. Fish. Serv., Northwest and Alaska Fish. Center, Seattle, WA, Unpubl. manusc., 60 p.



APPENDIX A. ALEUTIAN ISLANDS REGION

APPENDIX A

Productive Foreign Fishing Locations in the Aleutian
Islands Region

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Productive Foreign Fishing Locations in the Aleutian
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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/}

<u>Species</u>	<u>Catch Per Hook (lbs)</u>	<u>Proportion of Total Catch</u>	<u>Mean Size (lbs/fish)</u>
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/}

<u>Species</u>	<u>Catch Per Hook (lbs)</u>	<u>Proportion of Total Catch</u>	<u>Mean Size (lbs/fish)</u>
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	LAT	LONG	APPROX LCRAN-C	PULSE	FATES	DEPTH	HOURS	NUMBER	TARGET	TARGET	TARGET	TARGET	DISCARDS	TOTAL
YYMMDD			7X	7Y	7Z	(FMS)	SET	HOOKS	CATCH	CATCH	MEAN	PER	CATCH	CAUCH
								SET	(LBS)	HOOK	(LBS)	HOOK	(LBS)	(LBS)
									*****	*****	*****	*****	*****	*****
79 228	5222N	17302W	16117.6	35121.2	49500.1	410.	16.0	20000.	7421.	0.3711	8.08	0.3711	8568.	23320.
79 313	5240N	17230W	16363.5	35129.7	49480.1	399.	11.0	14500.	3411.	0.2352	7.27	0.2352	1907.	13860.
79 331	5237N	17310W	16153.8	35114.9	49557.1	416.	12.0	12600.	2069.	0.2277	6.80	0.2277	7225.	16720.
79 330	5230N	17301W	16203.5	35118.7	49541.5	355.	17.5	16960.	3557.	0.2121	6.56	0.2121	4034.	11440.
79 316	5221N	17300W	16122.4	35122.1	49493.2	410.	15.0	20000.	4155.	0.2077	7.74	0.2077	4644.	19360.
79 312	5228N	17321N	16053.4	35111.6	49554.9	437.	15.0	20000.	3909.	0.1555	5.86	0.1555	6733.	20240.
79 311	5222N	17318W	16030.7	35114.3	49532.9	394.	15.0	20000.	3654.	0.1827	5.65	0.1827	6024.	18920.
79 317	5227N	17315W	16078.4	35114.7	49540.2	465.	15.0	20000.	2826.	0.1414	5.53	0.1414	2718.	11660.
79 315	5223N	17314W	16063.5	35115.9	49527.5	459.	16.0	20000.	2151.	0.1075	6.46	0.1075	8304.	21560.
79 328	5223N	17321N	16029.6	35112.7	49541.6	377.	10.0	16380.	1516.	0.0926	5.00	0.0926	2111.	9460.
79 329	5230N	17328W	16028.1	35107.6	49573.9	410.	14.5	16960.	1426.	0.0841	6.70	0.0841	1778.	12320.
79 331	5232N	17326W	16048.2	35108.1	49575.3	246.	14.0	16960.	1170.	0.0690	6.26	0.0690	2835.	13640.
79 329	5224N	17322W	16028.6	35112.0	49546.2	394.	14.2	21840.	1160.	0.0531	5.92	0.0531	4164.	10120.
79 329	5222N	17302W	16117.6	35121.2	49500.1	437.	14.0	18000.	927.	0.0515	6.80	0.0515	9432.	20240.
79 328	5221N	17301W	16117.5	35121.7	49495.3	383.	12.0	14400.	611.	0.0425	4.34	0.0425	535.	5500.
79 318	5226N	17320W	16048.5	35112.5	49547.6	427.	12.0	15000.	518.	0.0346	4.44	0.0346	1661.	6600.
79 330	5222N	17312W	16068.5	35117.0	49520.8	410.	14.5	18000.	500.	0.0278	5.68	0.0278	6257.	7040.
79 111	5203N	17200N	16312.7	35137.7	49106.2	90.	9.0	11000.	9.	0.0008	6.60	0.0008	352.	7480.

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

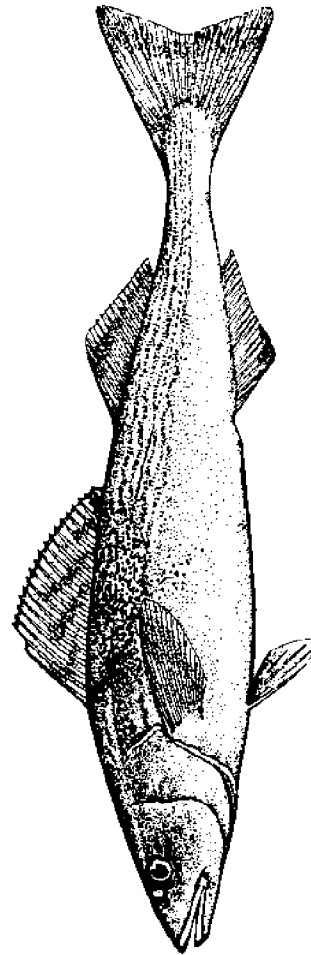


TABLE A-4. SABLEFISH, APRIL-JUNE

DATE	LAT	LONG	APPROX LORAN-C PULSE RATES	DEPTH (FMS)	HOURS SET	HOURS 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 1	5218A	17250W	35126.1	301.	15.0	18500.	9792.	0.5293	6.27	5641.	20240.
79 6 7	5225A	17344W	35100.2	328.	14.5	16800.	7130.	0.4244	7.94	2289.	20240.
78 627	5210A	17540W	35020.9	355.	15.0	15540.	6588.	0.4239	7.19	2943.	12540.
79 6 6	5227A	17333W	35094.2	301.	13.8	16800.	6397.	0.3808	7.54	7945.	21120.
79 613	5226A	17335W	35104.9	355.	14.0	16800.	5933.	0.3532	7.56	6332.	23760.
78 621	5210A	17540W	35020.9	328.	17.0	15540.	5231.	0.3366	7.88	4158.	11440.
79 412	5241B	17213W	35134.0	363.	11.5	16960.	5563.	0.3280	7.48	7066.	21120.
79 4 1	5211A	17540W	35020.3	306.	13.3	16380.	5283.	0.3213	7.27	8662.	19800.
79 614	5227N	17335W	35102.4	328.	14.5	16800.	5310.	0.3161	7.11	7659.	23540.
79 4 2	5210A	17542W	35019.2	410.	14.2	16380.	5148.	0.3143	6.52	10533.	21340.
78 620	5226A	17427W	35071.8	383.	15.0	15540.	4876.	0.3138	7.23	798.	9240.
79 4 2	5221A	17250W	35125.7	355.	11.5	15725.	4910.	0.3122	6.51	873.	8800.
79 612	5232A	17332W	35104.9	383.	14.5	16800.	5205.	0.3098	7.97	7369.	23320.
78 626	5226N	17426W	35072.5	410.	17.0	15540.	4791.	0.3083	7.88	2540.	10780.
79 517	5243N	17210W	35134.5	383.	14.0	16800.	5151.	0.3066	7.55	5147.	19580.
79 6 5	5242A	17210W	35134.5	328.	14.0	16800.	4980.	0.2964	7.68	6654.	14300.
78 615	5226A	17357W	35092.1	355.	15.0	15540.	4467.	0.2836	7.08	2587.	10560.
79 517	5219A	17300W	35122.4	219.	15.1	23520.	6631.	0.2819	3.96	1173.	12320.
79 4 1	5213A	17501W	35052.0	383.	14.5	16960.	4765.	0.2810	5.87	2880.	13640.
79 413	5241A	17429W	35134.2	394.	11.5	16960.	4622.	0.2725	7.73	8857.	24200.
79 618	5212A	17459W	35054.0	320.	14.5	16800.	4530.	0.2697	6.91	3776.	15180.
78 624	5226A	17356W	35092.7	383.	15.0	15540.	4042.	0.2635	7.62	802.	9680.
79 4 2	5227A	17423W	35074.3	410.	15.5	16384.	4042.	0.2467	6.88	6422.	15620.
79 6 2	5240N	17233W	35128.8	359.	16.0	19200.	4692.	0.2444	7.26	3340.	20020.
79 5 9	5138A	17550W	35037.5	295.	12.0	19200.	4542.	0.2386	5.49	9863.	14960.
79 5 6	5210A	17540W	35020.5	372.	14.0	16800.	3505.	0.2086	5.36	13133.	22000.
79 411	5230A	17227W	35131.6	383.	16.0	16960.	3487.	0.2044	6.90	14080.	16940.
79 5 8	5141A	17510W	35055.8	328.	14.0	19200.	3764.	0.1960	6.13	12603.	16940.
78 622	5213A	17458W	35054.3	328.	14.0	15540.	2957.	0.1903	6.47	842.	7040.
79 414	5237A	17210W	35134.9	328.	16.0	15424.	2757.	0.1788	7.50	5841.	10560.
79 4 3	5226A	17341W	35101.6	328.	15.5	18500.	3275.	0.1770	4.98	5181.	17160.
79 615	5232A	17331W	35105.5	355.	14.6	16800.	2871.	0.1709	7.43	2361.	18260.
79 4 5	5216A	17451W	35058.3	410.	13.0	16960.	2866.	0.1690	6.54	3584.	14300.
79 4 5	5211A	17538W	35022.1	410.	13.0	16380.	2701.	0.1649	6.18	5862.	12760.
79 610	5219N	17329W	35109.7	328.	13.5	16800.	2687.	0.1600	5.52	837.	23540.
79 513	5124N	17840W	34877.8	328.	12.0	16800.	2529.	0.1505	5.27	9633.	12980.
79 4 4	5211N	17514W	35042.5	410.	12.0	13440.	1859.	0.1413	6.41	2778.	8580.
79 510	5225A	17336W	35084.1	264.	13.0	19200.	2585.	0.1346	7.53	12461.	15400.
79 611	5226A	17355W	35093.3	329.	13.0	16800.	2138.	0.1273	5.54	6866.	14300.
79 617	5226A	17355W	35093.3	372.	14.1	16800.	2127.	0.1266	7.17	6875.	13860.
79 511	5137A	17730W	34939.4	306.	12.0	19200.	2205.	0.1168	7.35	11552.	14520.
79 627	5213N	17523W	35033.9	342.	17.0	25200.	2057.	0.1134	6.24	9460.	9460.
79 626	5211A	17558W	35126.6	366.	16.8	27000.	3620.	0.1118	7.17	7372.	12540.
79 5 7	5148A	17430W	35084.1	355.	14.0	19200.	1961.	0.1022	7.95	17436.	19800.
79 514	5114A	17949W	34649.8	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 7X	APPROX LORAN-C 7Y	PULSE 7Z	RATES	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 5 15	5136N	17717W	14533.2	34953.1	49792.4	372.	12.0	14400.	1093.	0.0759	5.85	6208.	7700.	
79 6 29	5236N	17234W	16323.7	35125.0	49477.8	350.	18.1	27000.	2046.	0.0758	6.95	9760.	12760.	
79 6 28	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 6 16	5224N	17431W	15665.3	35069.8	49670.3	82.	13.0	16800.	1135.	0.0676	5.82	1168.	11000.	
79 6 25	5214N	17501W	15460.0	35051.5	49693.5	424.	17.0	27000.	1727.	0.0640	6.35	1235.	7920.	
79 5 13	5235N	17951E	13669.5	34686.2	50129.2	361.	18.6	23520.	1441.	0.0613	7.40	2037.	23540.	
79 5 12	5223N	17930E	13491.3	34676.8	50025.6	355.	17.4	23520.	1412.	0.0600	7.71	17724.	21560.	
78 6 25	5221N	17335W	15948.3	35106.2	49563.7	383.	12.0	14800.	886.	0.0559	4.79	1319.	9900.	
79 5 12	5122N	17840W	13996.5	34875.6	49854.1	323.	12.0	19200.	888.	0.0463	6.10	12018.	13200.	
79 5 14	5142N	17830W	14117.5	34871.6	49878.0	339.	12.0	16800.	730.	0.0434	6.96	8952.	10780.	
78 6 14	5231N	17232W	16307.3	35130.1	49459.3	246.	15.0	15540.	573.	0.0369	6.23	2284.	12540.	
78 6 15	5237N	17306W	16173.7	35116.7	49549.0	328.	16.0	15540.	571.	0.0367	7.36	789.	2200.	
79 6 24	5222N	17330W	15978.5	35102.5	49556.7	342.	17.0	27000.	748.	0.0277	5.68	1108.	7520.	
79 5 15	5419N	17918W	14457.9	34565.4	50127.4	355.	18.0	23520.	639.	0.0272	7.91	8873.	9900.	
78 6 23	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.	0.0099	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 7X	APPROX LORAN-C 7Y	PULSE 7Z	RATES	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 10	5218N	17315W	16033.9	35116.5	49516.3	350.	16.0	17220.	13771.	0.7597	5.77	4145.	30580.	
78 8 30	5209N	17558W	15116.2	35005.3	49762.6	350.	16.0	17220.	9666.	0.5613	7.92	8661.	27940.	
77 9 14	5121N	17523W	15329.1	35034.5	49721.4	334.	16.0	14000.	6063.	0.4331	6.64	1039.	13200.	
77 9 12	5140N	17515W	15237.8	35056.6	49637.5	268.	10.5	14000.	5920.	0.4229	4.86	3881.	10560.	
77 9 6	5212N	17516W	15365.1	35040.4	49711.3	386.	14.0	14000.	5675.	0.4197	6.24	899.	11660.	
78 9 11	5220N	17443W	15885.7	35062.6	49679.0	334.	16.0	17220.	5352.	0.3108	7.88	566.	15180.	
78 8 31	5211N	17516W	15363.7	35040.9	49709.0	328.	16.0	17220.	5119.	0.2973	6.44	10484.	25520.	
78 8 29	5212N	17500W	15456.5	35053.3	49187.4	328.	16.0	17220.	5059.	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 9 11	5209N	17558W	15118.2	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 9 13	5140N	17544W	15078.7	35034.3	49681.0	312.	10.0	14000.	1873.	0.1338	6.28	620.	3300.	
79 9 10	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 9 11	5219N	17301W	16107.6	35122.0	49489.9	355.	21.1	19950.	1522.	0.0763	6.40	7403.	14740.	
79 9 5	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 9 10	5212N	17500W	15456.5	35053.3	49587.4	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***

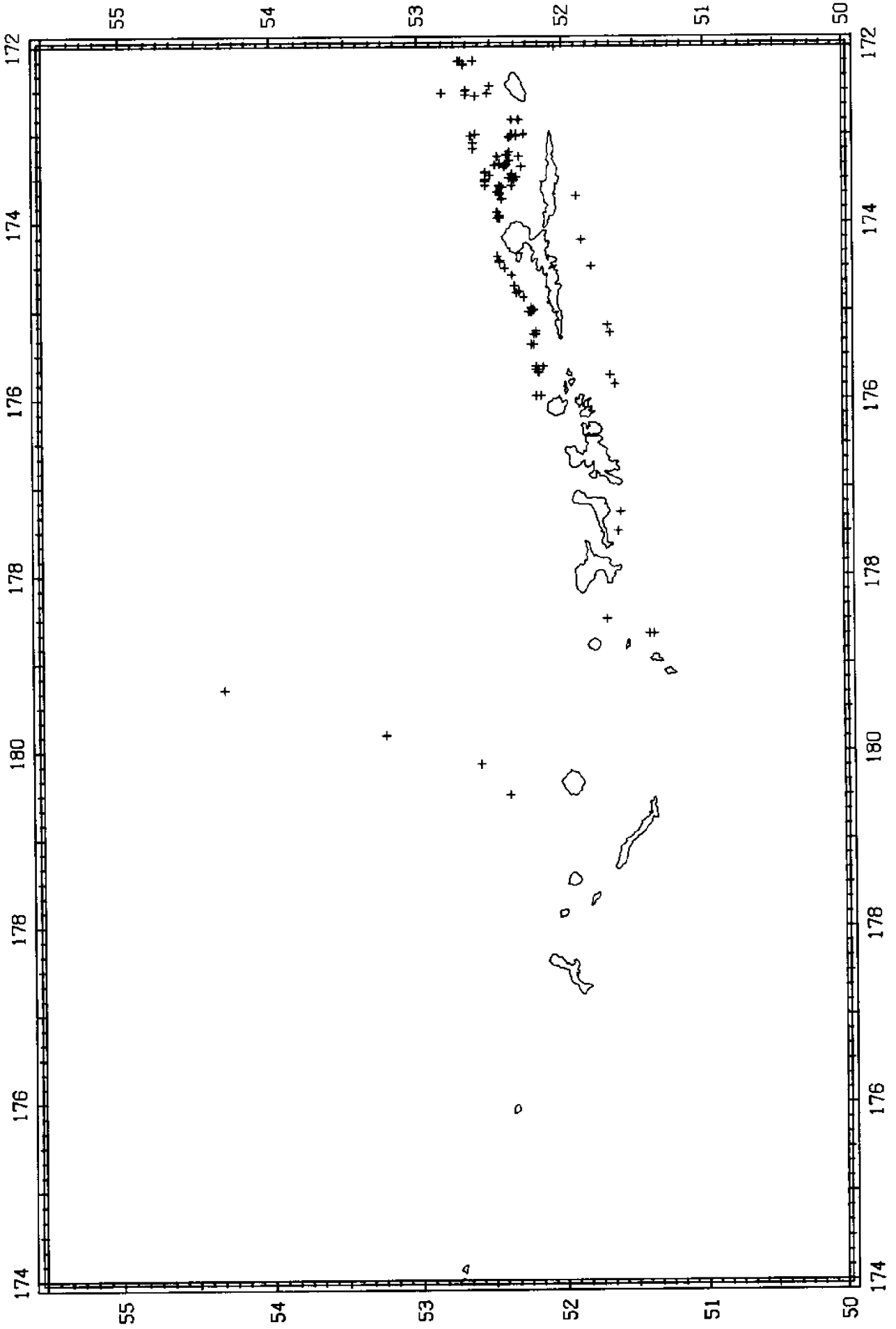


FIGURE A-1. SABLEFISH, ALL MONTHS, 1977-1979

TABLE A-6. PACIFIC COD, JANUARY-MARCH

DATE YYMMDD	LAT	LONG	APPROX 7X	LORAN-C 7Y	PULSE 7Z	RATES 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	50.	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	49309.7	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

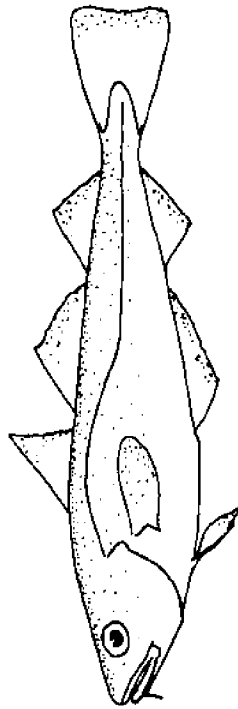
DATE YYMMDD	LAT	LONG	APPROX 7X	LORAN-C 7Y	PULSE 7Z	RATES 7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 4 7	5152N	17412W	15623.3	35093.6	49559.7	92.	12.0	16960.	25813.	1.5220	7.91	885.	26380.	
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	142.	13.0	14800.	17542.	1.1852	9.21	32.	17600.	
79 410	5155N	17310W	15946.3	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 5	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.	14650.	1.0201	9.55	939.	15840.	
79 610	5214N	17300W	16087.8	35123.2	49474.4	77.	13.0	15540.	15751.	1.0161	8.94	168.	16060.	
78 616	5213N	17251W	16126.3	35126.2	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	15340.	14641.	0.9421	7.62	214.	14960.	
79 2 3	5209N	17538W	15231.5	35023.3	49735.8	109.	13.0	16380.	15402.	0.9403	7.23	991.	16940.	
79 4 3	5210N	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	17332W	16307.3	35130.1	49459.3	246.	15.0	15340.	8039.	0.5173	6.73	2284.	12540.	
79 6 9	5217N	17322W	15954.3	35113.5	49527.8	82.	13.0	16800.	7754.	0.4634	8.32	1188.	11000.	
79 6 9	5217N	17322W	15954.3	35113.5	49527.8	98.	12.5	16800.	6081.	0.3545	7.11	729.	7260.	
78 617	5157N	17304W	15986.7	35124.2	49436.4	77.	14.0	14800.	5285.	0.3620	5.21	709.	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	49586.1	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	5219A	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	35032.5	49723.7	342.	17.0	25200.	29.	0.0011	4.16	2243.	9460.	
79 4 5	5211A	17538W	15240.5	35022.1	49740.2	418.	13.0	16380.	10.	0.0006	4.40	5862.	12760.	
79 414	5237N	17210W	16440.8	35134.9	49425.1	328.	16.0	15424.	0.	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 7X	LORAN-C 7Y	PULSE 7Z	RATES 7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LRS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
78 912	5206N	17542W	15196.5	35021.6	45734.7	197.	16.0	17220.	15652.	0.9089	6.66	2286.	19360.	
78 7 1	5218N	17300W	16097.7	35122.9	49479.3	77.	14.0	15540.	13644.	0.6780	7.05	1295.	15400.	
78 831	5211N	17516W	15263.7	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	45687.4	323.	10.0	17220.	130.	0.0075	5.45	7039.	17160.	
78 9 1	5222N	17332W	16017.7	35104.9	45586.8	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***



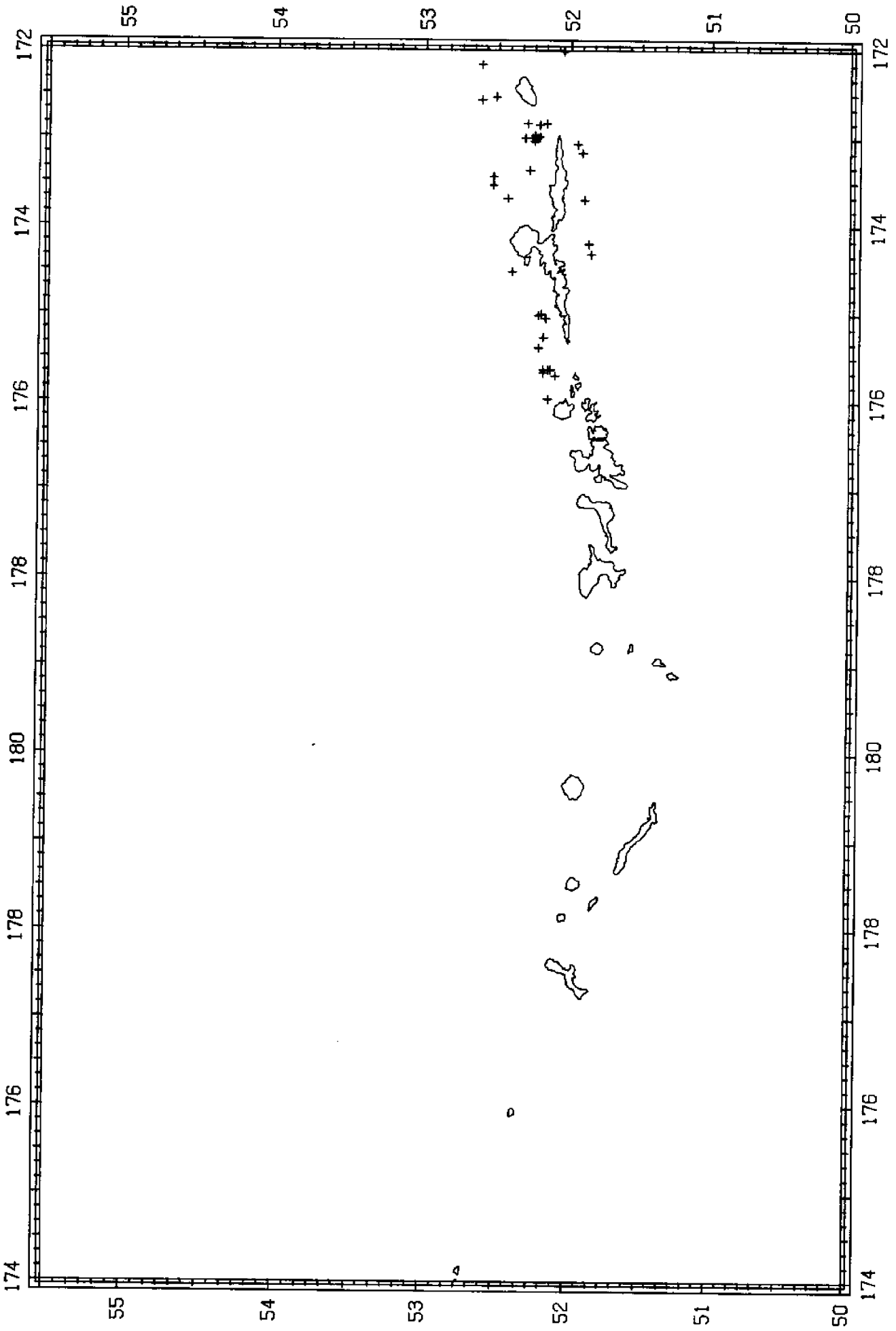


FIGURE A-2. PACIFIC COD, ALL MONTHS, 1977-1979

TABLE A-9. PACIFIC HALIBUT, JANUARY-MARCH

DATE	LAT	LONG	APPROX LGRAN-C 7X	PULSE 7Y	RATES 7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 112	5203N	17201W	16306.3	35137.6	49308.7	77.	11.5	10000.	18.	1.32	252.	3300.
79 331	5232N	17326W	16048.2	35108.1	49575.3	246.	14.0	16960.	16.	9.59	2835.	13640.

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

TABLE A-10. PACIFIC HALIBUT, APRIL-JUNE

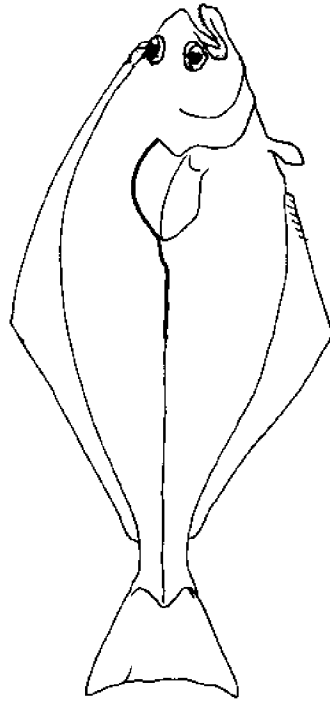
DATE	LAT	LONG	APPROX LGRAN-C 7X	PULSE 7Y	RATES 7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 4 3	5226N	17341W	15942.1	35101.6	49583.1	322.	15.5	18500.	2903.	8.23	5181.	17160.
79 4 1	5211N	17540W	15229.2	35020.3	49742.9	306.	13.3	15380.	2463.	9.53	8662.	19800.
79 4 1	5218N	17250W	16155.8	35126.1	49463.8	301.	15.0	18500.	2241.	12.84	5641.	20240.
78 617	5157N	17304W	15986.7	35124.2	49438.4	77.	14.0	14800.	1261.	10.11	309.	6820.
79 4 4	5214N	17514W	15374.6	35042.5	49706.1	410.	12.0	13440.	770.	19.76	2778.	8580.
78 616	5213N	17251W	16126.3	35126.4	49452.4	88.	13.0	14800.	608.	10.40	1289.	16720.
79 4 8	5151N	17419W	15582.5	35089.8	49569.8	98.	6.0	12800.	468.	10.61	444.	18260.
79 6 4	5237N	17234W	16328.5	35128.9	49480.6	164.	15.0	19200.	656.	21.27	1943.	8140.
79 414	5237N	17210W	16440.8	35134.9	49425.1	328.	16.0	15424.	483.	32.03	5641.	10560.
79 4 7	5152N	17412W	15623.3	35091.6	49559.7	98.	12.0	16960.	516.	8.21	885.	28380.
79 6 9	5217N	17322W	15994.3	35113.5	49527.8	98.	12.5	16800.	430.	10.42	729.	7260.
78 614	5231N	17232W	16307.3	35130.1	49457.3	246.	15.0	15540.	354.	5.71	2284.	12540.
78 625	5213N	17259W	16087.8	35123.7	49469.7	77.	13.0	15540.	341.	7.00	168.	13640.
79 4 1	5213N	17501W	15455.5	35052.0	49691.2	383.	14.5	16960.	318.	26.69	2880.	13640.
79 518	5210N	17250W	16116.4	35127.1	49442.2	93.	14.4	14400.	149.	4.60	939.	15840.
79 517	5219N	17300W	16112.5	35126.4	49487.8	219.	15.1	23520.	179.	10.45	1173.	12320.
79 627	5213N	17223W	15335.5	35033.9	49723.7	342.	17.0	25200.	113.	16.50	2243.	9460.
78 618	5215N	17258W	16102.4	35123.8	49472.8	71.	15.0	15540.	66.	5.06	214.	14960.
79 624	5222N	17330W	15978.5	35108.5	49556.7	342.	17.0	27000.	79.	6.60	1168.	7920.
79 625	5214N	17501W	15460.0	35051.5	49693.5	424.	17.0	27000.	76.	11.00	1235.	7920.
78 630	5214N	17300W	16087.8	35123.2	49474.4	42.	13.0	15540.	42.	4.84	183.	16060.
79 4 9	5154N	17342W	15785.5	35109.0	49508.4	109.	11.5	16960.	45.	12.54	1369.	21780.
79 4 5	5216N	17451W	15523.8	35056.3	49682.9	410.	13.0	16960.	34.	9.86	3584.	14300.

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

TABLE A-11. PACIFIC HALIBUT, JULY-SEPTEMBER

DATE YYMMDD	LAT	LONG	APPROX 7X	LORAN-C 7Y	PULSE 7Z	DEPTH (FMS)	HOURS SFT	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 12	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 8 29	5212N	17500W	15456.5	35052.3	48687.4	328.	16.0	17220.	98.	0.0057	16.43	7039.	17160.
77 9 9	5221N	17436W	15620.3	35067.4	49671.1	260.	11.0	14000.	30.	0.0021	9.90	222.	9020.
78 6 31	5211N	17516W	15363.7	35040.9	49709.0	325.	16.0	17220.	36.	0.0021	4.82	10484.	25520.
79 9 9	5227N	17357W	15064.1	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***



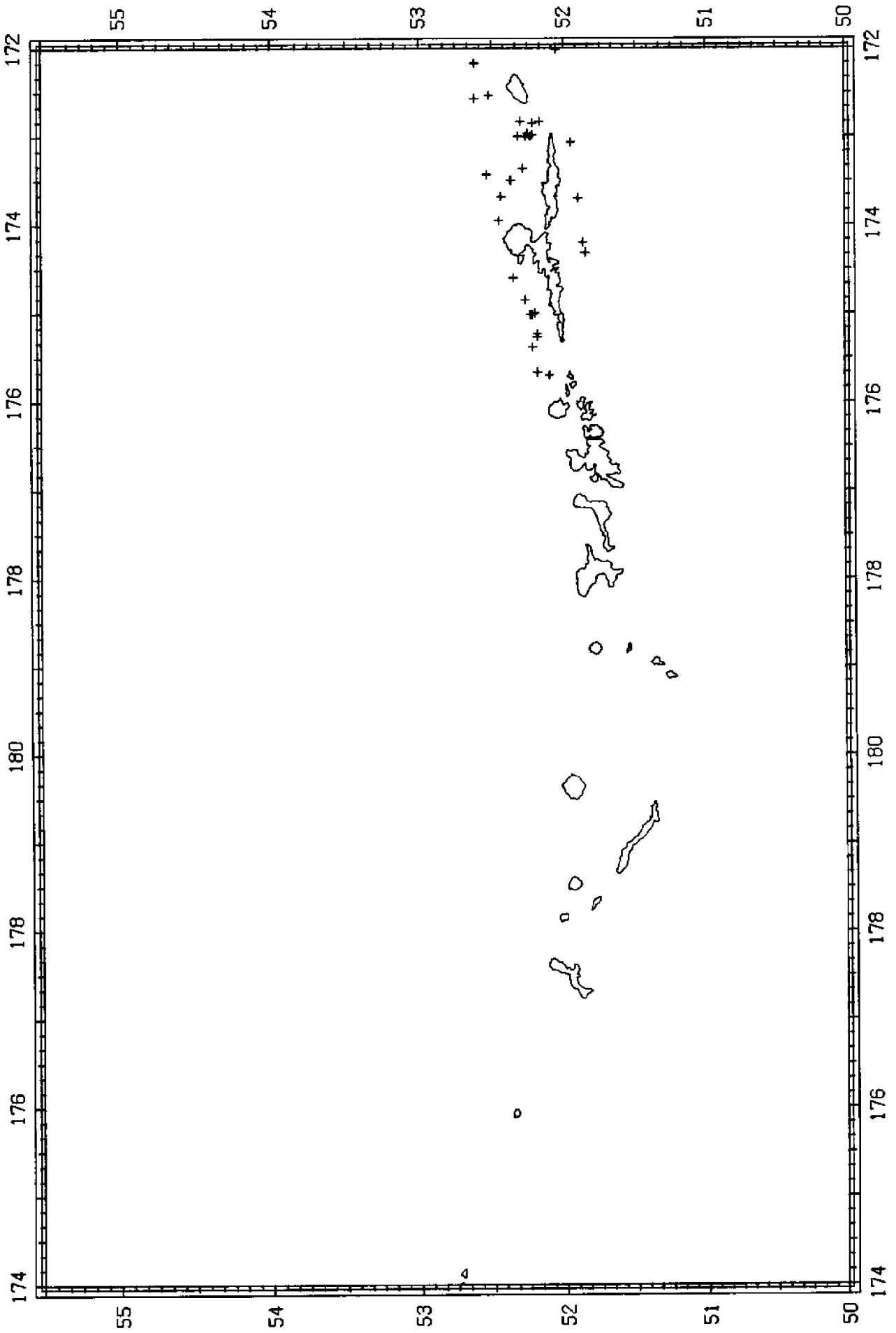


FIGURE A-3. PACIFIC HALIBUT, ALL MONTHS, 1977-1979

TABLE A-12. FLOUNDERS, JANUARY-MARCH

DATE	LAT	LONG	APPROX LORAN-C PULSE RATES	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	5240N	17230W	7X ***** 16363.5	399	11.0	14500	9470	0.5841	8.69	1907	13860
79 315	5223N	17314W	7Y ***** 35129.7	459	16.0	20000	11105	0.5553	10.80	8304	21560
79 329	5222N	17302W	7Z ***** 49527.5	437	14.0	18000	9798	0.5444	9.48	9432	20240
79 316	5221N	17300W	7Y ***** 35121.2	410	15.0	20000	10432	0.5216	8.51	4644	19360
79 329	5230N	17328W	7Y ***** 35107.6	410	14.5	16960	8715	0.5138	9.73	1778	12320
79 331	5237N	17310W	7Y ***** 35114.9	410	12.0	12000	6218	0.4935	11.42	7225	16720
79 3 2	5228N	17321W	7Y ***** 35111.6	437	15.0	20000	9568	0.4784	10.70	6733	20240
79 3 1	5222N	17318W	7Y ***** 35114.3	394	15.0	20000	8819	0.4409	9.66	6024	18920
79 228	5222N	17302W	7Y ***** 35121.2	410	16.0	20000	7271	0.3635	10.20	8568	23320
79 328	5223N	17321W	7Z ***** 49541.6	377	10.0	16380	5678	0.3467	8.32	2111	9460
79 317	5227N	17315W	7Y ***** 35114.7	465	15.0	20000	6014	0.3007	10.34	2718	11660
79 328	5221N	17301W	7Y ***** 35121.7	383	12.0	14400	4284	0.2975	7.29	535	5500
79 318	5226N	17320W	7Y ***** 35112.5	427	12.0	15000	4053	0.2729	9.12	1661	6600
79 325	5224N	17322W	7Y ***** 35112.0	394	14.2	21840	4459	0.2042	8.14	4164	10120
79 330	5238N	17301W	7Y ***** 35116.7	355	17.5	16960	3213	0.1895	10.71	4034	11440
79 331	5232N	17326W	7Y ***** 35108.1	246	14.0	16960	1604	0.0946	9.53	2835	13640
79 330	5222N	17312W	7Y ***** 35117.0	410	14.5	18000	146	0.0081	6.22	6257	7040
79 112	5203N	17201W	7Y ***** 35137.6	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***

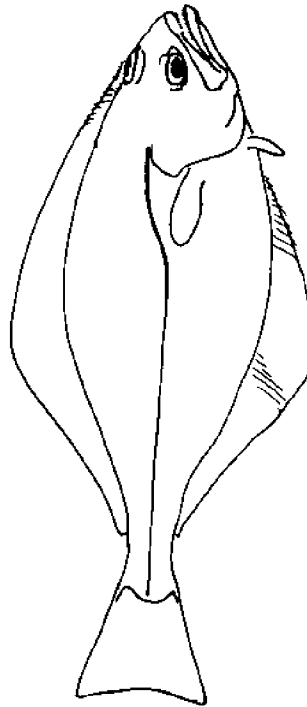


TABLE A-13. FLOWNDERS, APRIL-JUNE

DATE YYMMDD	LAT	LONG	APPROX 7X	LORAN-C 7Y	PULSE 7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 610	5219N	17329W	15968.9	35109.7	45546.9	328.	13.5	16800.	20015.	1.1914	9.12	237.	23540.
79 615	5232N	17331W	16022.8	35105.5	45584.9	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	5256N	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	45591.1	328.	14.5	16800.	10357.	0.6188	8.12	2289.	20240.
79 6 2	5240N	17233W	16349.3	35126.6	45486.8	399.	16.0	19200.	11762.	0.6126	12.74	3340.	20200.
79 614	5227N	17359W	15957.2	35102.4	45586.9	328.	14.5	16800.	10136.	0.6033	10.05	7659.	23540.
79 613	5241N	17212W	16452.7	35134.2	49441.3	394.	11.5	16960.	10306.	0.5918	9.77	8857.	24200.
79 517	5243N	17210W	16472.6	35134.5	49442.3	383.	16.0	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.
79 612	5241N	17213W	16448.1	35134.0	49443.6	383.	11.5	16960.	8158.	0.4810	8.60	7066.	21120.
79 6 5	5216N	17451W	15523.8	35056.3	45682.9	410.	13.0	16960.	7113.	0.4194	10.92	3584.	14300.
79 6 6	5227N	17353W	15885.0	35094.2	45612.7	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	45592.5	328.	11.0	14060.	4717.	0.3355	9.66	118.	5060.
79 611	5230N	17227W	16325.6	35131.6	49445.1	383.	16.0	16960.	5607.	0.3306	8.96	4440.	14080.
79 6 2	5210N	17542W	15213.5	35019.2	45743.5	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 6 1	5213N	17501W	15455.5	35092.0	49691.2	383.	14.5	16960.	5016.	0.2958	9.07	2880.	13640.
79 617	5256N	17355W	15869.7	35093.3	49613.8	372.	14.1	16800.	4784.	0.2848	12.57	6875.	13860.
78 624	5256N	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 6 2	5227N	17423W	15726.5	35074.3	49664.6	410.	15.5	16384.	4437.	0.2708	9.86	6422.	15620.
79 6 5	5211N	17538W	15240.5	35022.1	49740.2	410.	13.0	15380.	3725.	0.2274	10.26	5862.	12760.
79 6 3	5226N	17341W	15942.1	35111.6	45588.1	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	45533.9	383.	13.7	16800.	3332.	0.1983	13.19	18211.	23100.
78 619	5226N	17357W	15659.3	35092.1	49617.4	355.	15.0	15540.	3051.	0.1963	9.50	2587.	10560.
79 6 2	5221N	17250W	16170.8	35125.7	49471.7	355.	11.5	15725.	2968.	0.1887	5.44	873.	8800.
78 626	5226N	17426W	15765.7	35072.5	49667.1	410.	17.0	15540.	2932.	0.1887	12.44	2540.	10780.
79 6 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	862.	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.	0.1535	6.09	2243.	9460.
79 517	5219N	17300W	16116.5	35122.4	45487.8	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 6 1	5211N	17540W	15225.2	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 6 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.	1692.	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 7 X	LORAN-C 7 Y	PULSE 7 Z	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	9952.	10780.
79 616	5224N	17431W	15665.3	35065.8	49670.3	82.	13.0	16800.	763.	0.0454	11.51	1188.	11000.
78 615	5237N	17306W	16173.7	35116.7	48549.0	328.	16.0	15340.	677.	0.0436	11.14	789.	2200.
79 513	5235N	17951E	13666.9	34686.2	50029.2	361.	18.6	23320.	1013.	0.0431	9.14	20337.	23540.
79 625	5236N	17234W	16323.7	35129.0	49477.6	350.	18.1	27900.	748.	0.0277	7.92	9760.	12760.
79 511	5137N	17736W	14460.3	34939.4	48808.8	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.	363.	0.0219	6.94	9833.	12980.
79 512	5223N	17936E	12491.3	34676.8	50025.0	355.	17.4	23520.	385.	0.0164	7.59	1724.	21560.
79 6 4	5237N	17234W	16328.9	35128.9	49480.0	164.	15.0	19200.	252.	0.0131	4.88	1943.	8140.
79 5 9	5138N	17553W	15037.5	35030.4	49685.3	295.	12.0	19200.	242.	0.0126	11.18	9863.	14960.
79 515	5136N	17717W	14533.2	34952.1	49792.4	372.	12.0	14400.	174.	0.0121	6.19	6208.	7700.
79 512	5122N	17840W	13996.5	34679.6	48654.1	323.	12.0	19200.	194.	0.0101	9.35	12018.	13200.
79 5 8	5141N	17510W	15288.9	35059.8	48631.9	328.	14.0	19200.	148.	0.0077	7.70	12603.	16940.
79 515	5119N	17918W	14457.9	34565.4	50127.4	355.	18.0	23520.	173.	0.0074	13.20	6873.	9900.
79 4 4	5208N	17538W	15227.6	35023.5	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.
79 519	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	48687.3	115.	11.0	16960.	71.	0.0042	1.85	685.	14300.
79 4 8	5151N	17419W	15582.5	35065.8	49569.3	98.	8.0	12800.	45.	0.0035	4.71	444.	18260.
78 630	5214N	17306W	16087.8	35123.2	49474.4	77.	13.0	15540.	44.	0.0029	1.32	183.	16060.
78 618	5215N	17259W	16102.4	35123.8	49472.6	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.
78 625	5213N	17259W	16007.8	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 7X	7Y	PULSE 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	17505W	15456.5	35053.3	49587.4	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 5 9	5227N	17357W	15864.1	35091.8	49819.9	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.	13620.
78 9 1	5232N	17332W	16017.7	35104.9	49586.8	326.	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	49879.8	334.	16.0	17220.	8089.	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	49871.1	268.	11.0	14000.	6179.	0.4414	11.61	222.	9020.
77 9 8	5226N	17346W	15947.2	35102.1	49986.2	358.	12.0	14000.	5617.	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	49821.4	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.	23520.
78 825	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 7X	7Y	PULSE 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	354.	14.2	21640.	337.	0.0154	4.15	4164.	10120.
79 331	5232N	17326W	16046.2	35108.1	49375.3	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.	7640.
79 316	5221N	17300W	16122.4	35122.1	49493.2	410.	15.0	20000.	129.	0.0065	2.89	4644.	19360.
79 311	5203N	17200W	16312.7	35137.7	49266.2	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	5226N	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***

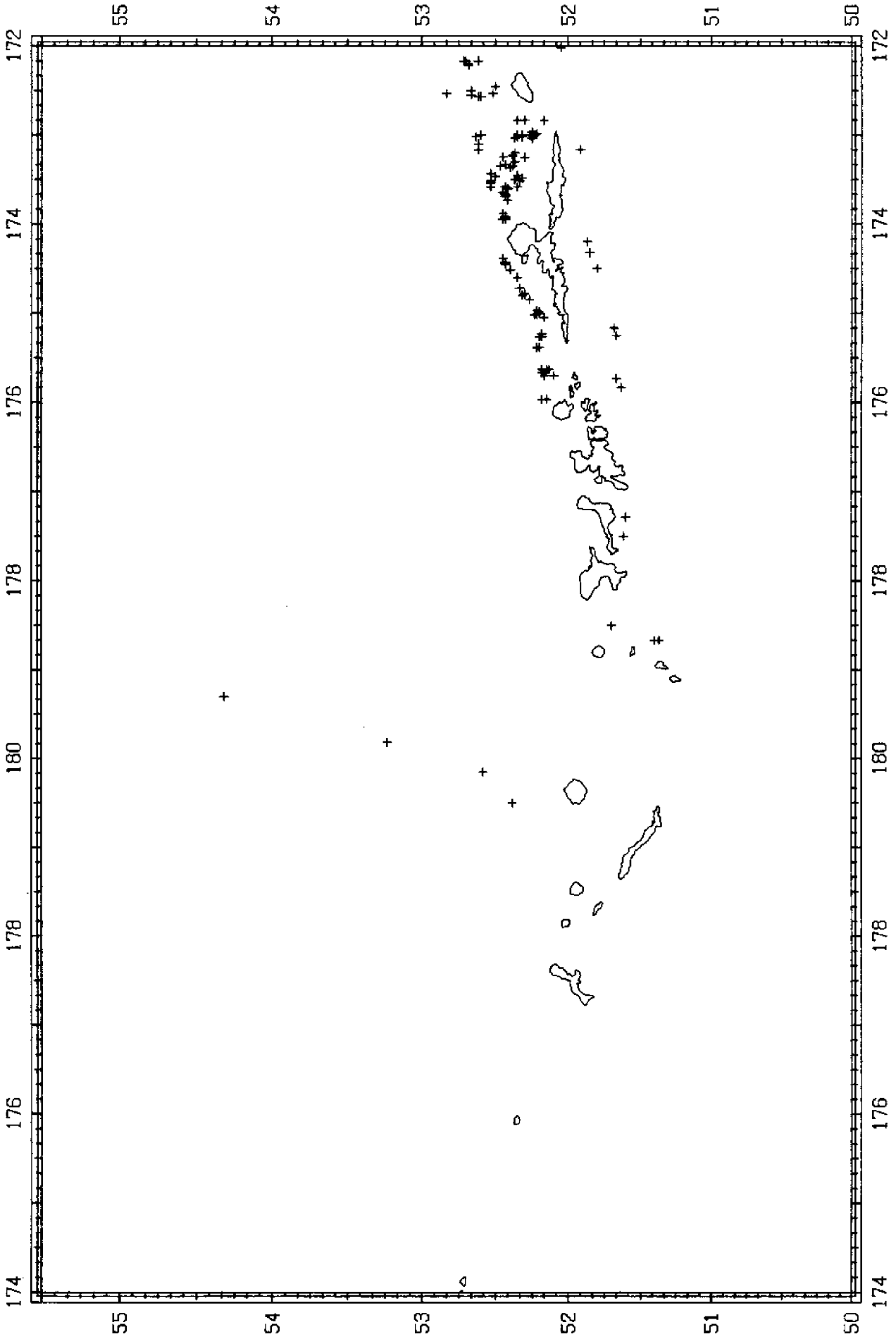


FIGURE A-4. FLOWNERS, ALL MONTHS, 1977-1979

TABLE A-16. ROCKFISH, APRIL-JUNE

DATE YYMMDD	LAT	LONG	APPROX 7X	LORAN-C 7Y	PULSE 7Z	RATES	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LPS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 4 5	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 5 12	5223N	17930E	13491.3	34676.8	50225.5	355.	17.4	23520.	2039.	0.0867	2.36	17724.	21560.	
79 4 4	5208N	17538W	15227.6	35033.5	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.	0.0842	2.27	885.	28360.	
79 6 18	5212N	17459W	15462.0	35054.0	49885.8	328.	14.5	16800.	1073.	0.0639	5.14	3776.	15180.	
78 6 20	5226N	17427W	15700.3	35071.8	49668.7	383.	15.0	15540.	774.	0.0498	2.33	798.	9240.	
79 4 4	5211N	17534W	15374.8	35042.5	49746.1	410.	12.0	13440.	669.	0.0497	2.82	2778.	8580.	
79 5 6	5210N	17540W	15224.9	35020.3	49740.7	372.	14.0	16800.	756.	0.0450	2.24	6422.	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	49882.9	410.	13.0	16960.	704.	0.0415	2.26	3584.	14700.	
79 4 12	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 6 22	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.	0.0365	2.28	2880.	13640.	
79 4 14	5237N	17210W	16440.8	35134.9	49425.1	328.	16.0	15424.	527.	0.0342	3.50	5841.	10560.	
79 4 11	5230N	17274W	16325.6	35131.6	49445.1	383.	16.0	16960.	566.	0.0334	4.10	4440.	14080.	
78 6 26	5226N	17426W	15705.7	35072.5	49667.1	410.	17.0	15540.	517.	0.0333	2.53	2540.	10780.	
79 6 28	5219N	17443W	15553.9	35059.2	49885.3	366.	16.0	27000.	896.	0.0332	1.95	1852.	9020.	
78 6 19	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	951.	16940.	
79 5 13	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	35022.4	49740.2	410.	13.0	16380.	462.	0.0282	2.77	5862.	12760.	
79 6 14	5227N	17339W	15957.2	35102.2	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 6 24	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.	425.	0.0222	2.19	12603.	16940.	
79 5 14	5314N	17949W	13951.8	34649.8	50067.7	366.	19.3	23520.	495.	0.0210	1.99	14786.	17820.	
78 6 21	5210N	17540W	15224.9	35020.9	49740.7	328.	17.0	15540.	314.	0.0202	1.98	4158.	11440.	
79 4 12	5241N	17213W	16448.1	35134.0	49443.6	383.	11.5	16960.	334.	0.0197	4.09	7066.	21120.	
78 6 25	5221N	17335W	15948.3	35106.2	49563.7	383.	12.0	14800.	275.	0.0186	3.24	1319.	9900.	
79 6 12	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 5 14	5142N	17830W	14117.5	34871.6	49678.0	339.	12.0	16800.	268.	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 6 11	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 5	5138N	17550W	15037.5	35030.4	49685.3	295.	12.0	19200.	313.	0.0163	2.17	9863.	14960.	
79 5 15	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 5 13	5124N	17840W	14002.3	34877.8	49857.4	328.	12.0	16800.	251.	0.0149	2.62	9833.	12980.	
78 6 27	5210N	17540W	15224.9	35020.9	49740.7	355.	15.0	15540.	229.	0.0147	1.95	2943.	12540.	
79 6 27	5213N	17523W	15333.5	35033.9	49723.7	342.	17.0	25200.	349.	0.0138	2.13	2243.	9460.	
79 5 10	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

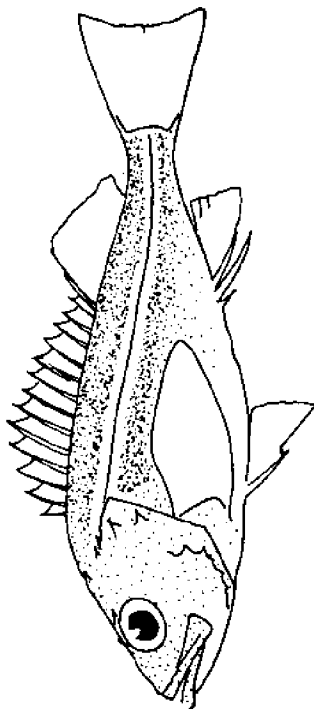
DATE YYMMDD	LAT	LONG	AFFROX 7Y	LOXAN-C 7Y	PULSE 7Z	RATES	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 625	5214N	17501W	15460.0	35051.5	45693.5	424.	17.0	27000.	344.	0.0127	2.59	1235.	7920.	
79 624	5222N	17330W	15979.5	35108.5	45556.7	342.	17.0	27000.	310.	0.0122	2.76	1108.	7920.	
79 511	5137N	17730W	14463.3	34939.4	49608.0	360.	12.0	19200.	232.	0.0121	2.06	11552.	14520.	
79 6 2	5240N	17233W	16349.2	35128.9	45488.8	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	35116.7	49549.0	528.	16.0	19540.	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	368.	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	15669.2	35065.8	49670.3	82.	13.0	16800.	130.	0.0077	2.93	1180.	11000.	
79 629	5236N	17234W	16325.7	35129.0	49477.9	350.	14.1	27000.	207.	0.0070	3.38	9760.	12760.	
79 615	5232N	17331W	16022.8	35105.5	49584.7	355.	14.6	16800.	115.	0.0068	3.67	2361.	18260.	
79 512	5122N	17840W	13996.5	34879.6	49554.1	323.	12.0	19200.	99.	0.0052	3.18	12018.	13200.	
79 6 6	5227N	17321W	15685.0	35094.2	49612.7	301.	13.6	16800.	77.	0.0046	3.37	7945.	21120.	
79 4 1	5218N	17250W	16155.8	35126.1	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	49487.0	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.	8800.	
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	49459.5	246.	15.0	15540.	20.	0.0013	3.30	2284.	12540.	
79 4 3	5210N	17503W	15431.1	35051.9	49687.3	145.	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 LOXAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE A-17. ROCKFISH, JULY-SEPTEMBER

DATE YYMMDD	LAT	LONG	APPROX 7X	LOGRAN-C 7Y	PULSE 7Z	RATES 7Z	DEPTH (FMS)	HOURS SET	NUMBER HOOKS SET	TARGET CATCH (LBS)	TARGET HOOK (LPS)	TARGET CATCH PER HOOK (LPS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
77 9 0	5212N	17500W	15456.5	35053.3	49687.4	282.	10.0	14000.	1573.	0.1121	0.0936	2.94	65.	13640.	
77 9 9	5212N	17436W	15628.3	35067.4	49671.1	268.	11.0	14000.	1311.	0.0936	0.0826	3.06	222.	9020.	
77 9 5	5218N	17447W	15554.7	35060.5	49681.4	350.	11.5	14000.	1157.	0.0826	0.0826	2.11	275.	8800.	
78 8 31	5211N	17516W	15363.7	35040.5	49709.0	328.	16.0	17220.	1422.	0.0826	0.0737	2.89	10484.	25520.	
77 9 11	5209N	17558W	15118.2	35035.3	49762.6	224.	11.0	14000.	1032.	0.0737	0.0717	3.00	1197.	13420.	
78 8 25	5212N	17500W	15456.5	35053.3	49687.4	328.	16.0	17220.	1235.	0.0717	0.0692	2.47	7039.	17160.	
78 9 11	5220N	17443W	15585.7	35062.6	49679.8	334.	16.0	17220.	1192.	0.0692	0.0604	1.97	566.	15180.	
77 9 12	5140N	17515W	15237.8	35056.6	49637.5	268.	10.5	14000.	845.	0.0604	0.0549	3.29	3081.	10560.	
77 9 14	5212N	17523W	15329.1	35034.5	49721.4	334.	16.0	14000.	768.	0.0549	0.0450	3.30	1039.	13200.	
78 8 30	5209N	17558W	15118.2	35035.3	49762.6	350.	16.0	17220.	776.	0.0450	0.0337	2.56	8661.	27940.	
79 9 5	5227N	17357W	15864.1	35091.8	49619.9	383.	16.7	19950.	673.	0.0337	0.0234	4.02	2848.	18700.	
77 9 6	5212N	17516W	15368.1	35040.4	49711.3	386.	14.0	14000.	328.	0.0234	0.0202	3.59	899.	11660.	
78 9 1	5232N	17332W	16017.7	35104.9	49586.6	328.	26.0	17220.	348.	0.0202	0.0167	5.50	4308.	18920.	
77 9 13	5140N	17544W	15078.7	35034.3	49681.0	312.	10.0	14000.	234.	0.0167	0.0144	2.54	620.	3300.	
77 9 8	5226N	17340W	15947.2	35102.1	49586.2	356.	12.0	14000.	202.	0.0144	0.0045	7.70	49.	9020.	
78 9 10	5218N	17315W	16033.9	35116.5	49516.3	350.	16.0	17220.	77.	0.0045	0.0019	3.63	4145.	30580.	
79 9 10	5220N	17331W	15963.7	35108.5	49553.4	301.	16.8	19950.	37.	0.0019	0.0017	3.23	505.	11220.	
79 9 11	5219N	17301W	16107.0	35122.0	49489.9	355.	21.1	19950.	34.	0.0017	0.0013	4.29	7403.	14740.	
78 9 12	5206N	17542W	15196.5	35021.6	49734.7	197.	16.0	17220.	22.	0.0013	0.0013	1.69	2286.	19360.	

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



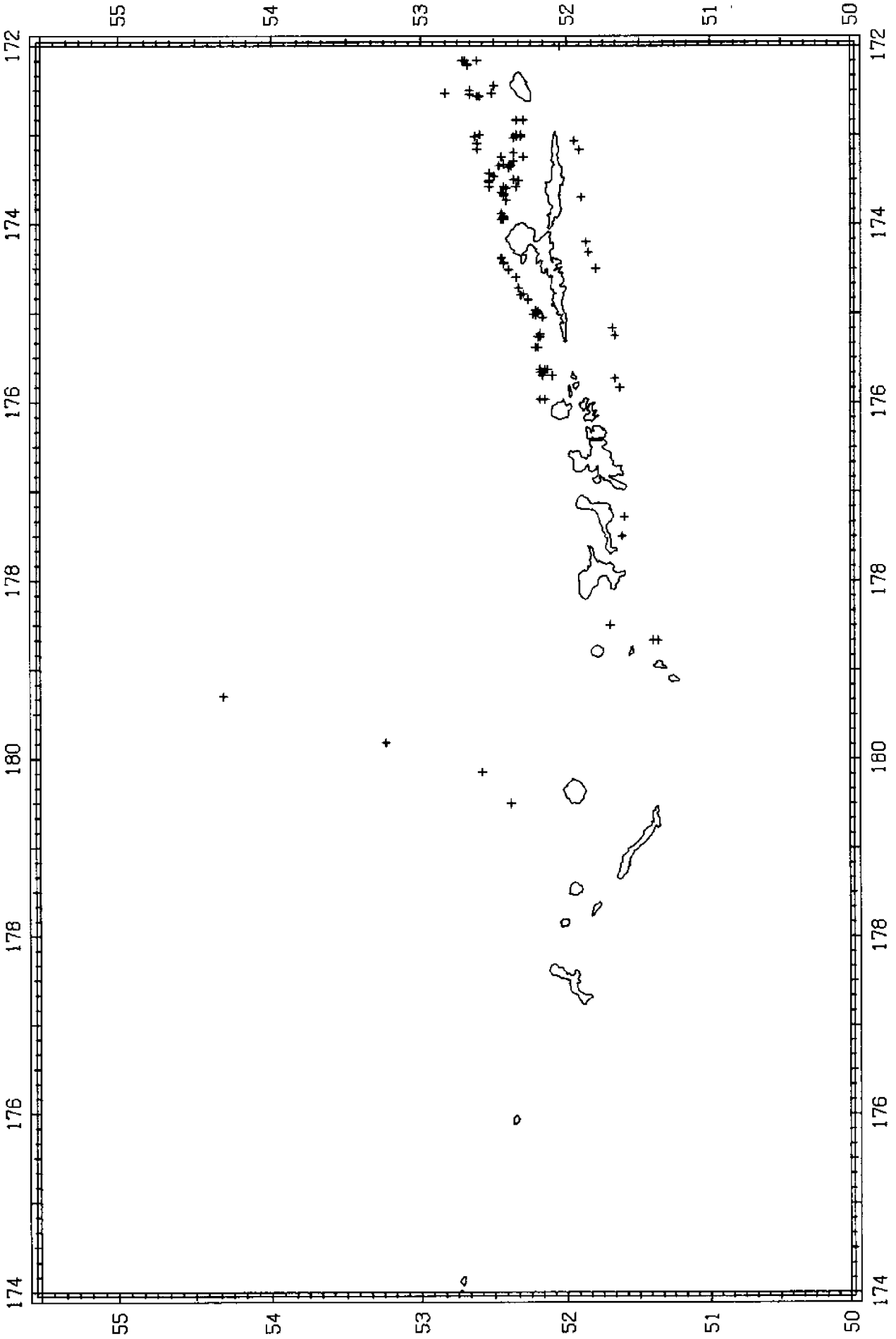
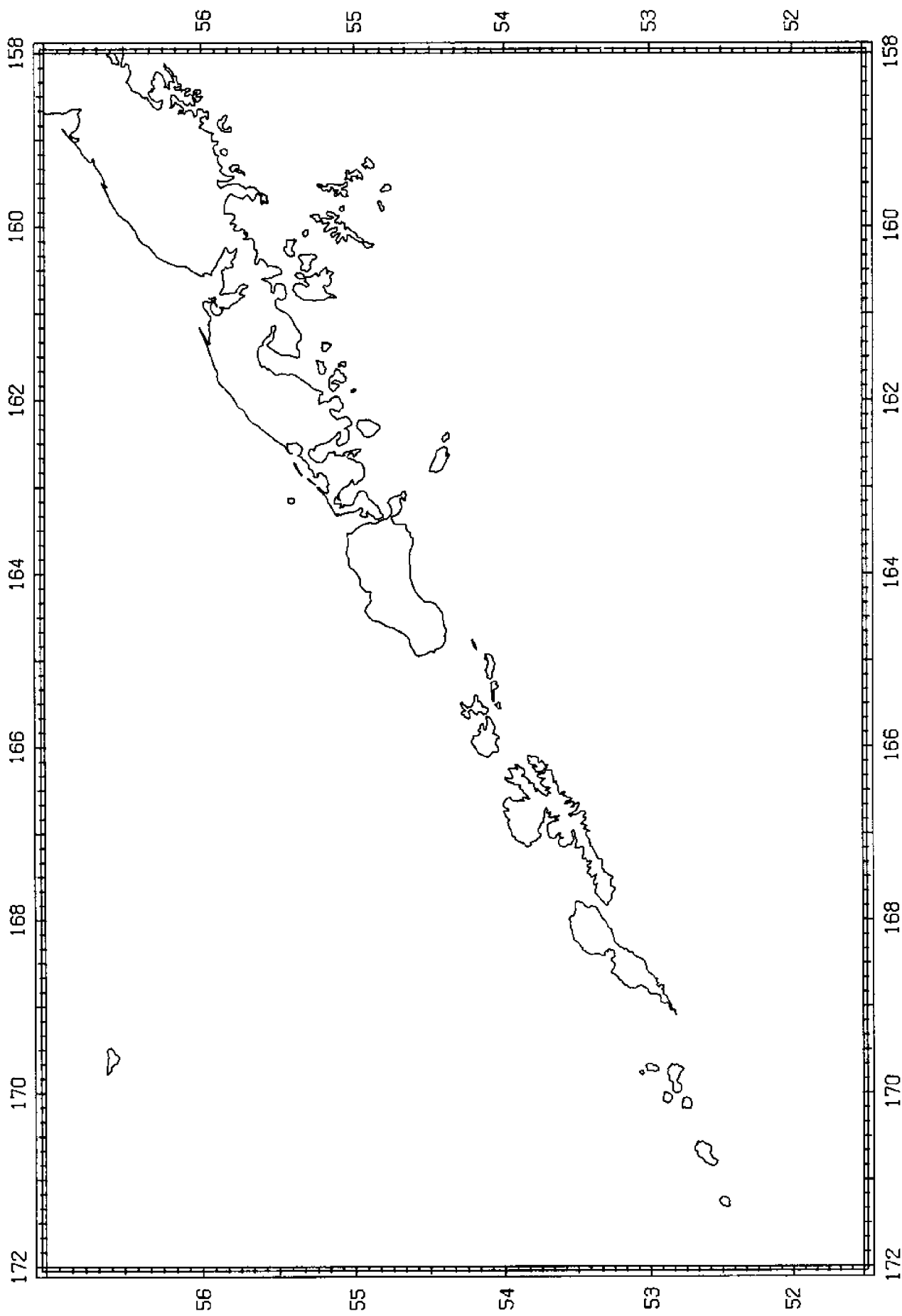


FIGURE A-5. ROCKFISH, ALL MONTHS, 1977-1979



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

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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/}

<u>Species</u>	<u>Catch Per Hook (lbs)</u>	<u>Proportion of Total Catch</u>	<u>Mean Size (lbs/fish)</u>
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/}

<u>Species</u>	<u>Catch Per Hook (lbs)</u>	<u>Proportion of Total Catch</u>	<u>Mean Size (lbs/fish)</u>
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	LAT	LONG	APPROX LORAN-C	PULSE	RATES	DEPTH-	HOURS	NUMBER OF	TARGET	TARGET	TARGET	TARGET	DISCARDS	TOTAL
YEAR	MO	DAY	7X	7Y	7Z	(FMS)	SLT	HOOKS SET	CATCH	CATCH	CATCH	CATCH	CATCH	CATCH
****	****	*****	*****	*****	*****	*****	*****	*****	(LES)	(LBS)	(LBS)	(LBS)	(LBS)	(LBS)
79 3 6	5316N	16949W	17229.3	35110.3	49135.6	437.	24.5	15120.	7800.	0.5159	8.82	2952.	20240.	
79 3 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 2 14	5611N	16911W	18453.4	35043.8	49619.9	355.	15.1	15200.	6647.	0.4373	7.33	5223.	15620.	
79 3 18	5259N	16720W	17569.5	34860.6	48495.7	492.	22.7	18900.	8071.	0.4270	7.18	20000.	29260.	
79 2 24	5610N	16914W	18441.9	35056.9	49631.3	355.	16.5	15200.	5859.	0.3881	6.62	3083.	11220.	
79 2 26	5313N	16953W	17198.3	35112.6	49140.0	427.	16.7	18900.	5807.	0.3072	9.60	2620.	12980.	
79 2 19	5607N	17037W	18186.0	35138.2	49542.6	328.	16.8	15200.	4493.	0.2956	7.42	11353.	20460.	
79 3 4	5312N	16919W	17307.3	35089.3	49416.3	437.	20.4	18900.	5076.	0.2686	7.42	1006.	19360.	
79 3 2	5312N	16919W	17307.3	35089.3	49016.5	383.	16.8	18900.	5059.	0.2676	8.60	775.	16280.	
79 3 26	5300N	16917W	17247.3	35086.1	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 2 18	5221N	17005W	16872.4	35117.2	49027.7	410.	17.5	15580.	3677.	0.2489	7.00	7668.	22100.	
79 2 17	5600N	17016W	18212.2	35133.2	49847.9	320.	17.0	15200.	3714.	0.2443	6.40	10166.	22000.	
78 3 1	5415N	16023W	18363.7	33999.2	46308.5	355.	16.0	13200.	3222.	0.2441	5.58	12717.	16500.	
79 2 25	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	17158.5	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	16942W	18293.6	35109.7	49740.1	301.	22.0	15200.	2843.	0.1870	6.97	16019.	27860.	
79 2 25	5504N	16754W	18175.1	34843.4	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 3 22	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 2 24	5425N	16729W	18003.1	34927.8	48759.6	383.	18.0	15960.	2518.	0.1578	6.33	10966.	22000.	
78 2 20	5425N	16709W	18039.3	34890.5	48658.5	361.	19.5	18480.	2737.	0.1491	6.32	1434.	13640.	
79 2 25	5312N	16917W	17313.8	35087.8	49009.1	383.	19.7	19980.	2890.	0.1446	6.64	595.	18700.	
79 3 7	5530N	16826W	18272.5	34885.0	49244.9	383.	16.0	20000.	2738.	0.1369	7.10	4039.	20460.	
79 2 26	5422N	16617W	18106.3	34789.1	48377.5	410.	17.5	15960.	2146.	0.1344	5.84	5625.	12760.	
79 3 17	5223N	17002W	16893.8	35115.9	49023.5	383.	16.0	17100.	2235.	0.1307	7.40	6174.	9900.	
79 2 23	5300N	16724W	17565.4	34965.7	48515.8	109.	18.0	14400.	1823.	0.1266	5.25	2854.	19360.	
79 2 16	5526N	16823W	18253.7	34982.3	49216.3	383.	16.0	15200.	1745.	0.1146	8.27	2679.	16500.	
79 2 27	5524N	16812W	18250.3	34973.9	49194.2	355.	17.5	15200.	1700.	0.1119	5.33	3126.	16280.	
79 2 26	5438N	16731W	18070.3	34921.2	48805.6	355.	17.2	15200.	1461.	0.0961	5.28	54131.	63140.	
79 3 8	5503N	16752W	16172.8	34940.3	48985.1	437.	21.2	18900.	1815.	0.0960	5.83	15588.	20020.	
79 3 10	5311N	16902W	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 3 23	5612N	17053W	18126.6	35128.9	50015.9	383.	20.0	17920.	1212.	0.0677	9.20	11611.	15620.	
79 1 14	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	35092.5	48547.9	219.	27.9	19980.	1323.	0.0662	6.66	445.	7040.	
79 2 28	5421N	16632W	18079.2	34621.4	48455.7	150.	8.8	7600.	435.	0.0572	5.35	1913.	4400.	
79 2 26	5233N	16930W	17058.9	35097.8	48543.4	115.	17.0	7560.	430.	0.0569	7.57	909.	20540.	
79 2 21	5441N	16640W	18166.6	34813.9	48544.2	170.	15.5	15120.	845.	0.0559	2.95	187.	19360.	
78 2 19	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 7X	7Y	7Z	RATES	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET HOOK (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	0.0446	2.86	1220.	12980.
79 1 6	5404N	16203W	18290.9	34252.5	46502.4		98.	15.0	20000.	774.	0.0397	0.0397	8.80	1258.	13860.
78 2 18	5424N	16629W	18098.5	34611.7	48446.4		328.	18.0	18480.	674.	0.0365	0.0365	4.27	1046.	12760.
79 2 19	5443N	16546W	18242.7	34669.1	48245.9		164.	13.3	11520.	374.	0.0321	0.0321	2.33	150.	13200.
79 2 9	5606N	16930W	18364.0	35082.9	49692.3		131.	15.5	15200.	435.	0.0286	0.0286	7.48	4680.	22660.
78 2 17	5429N	16614W	18143.9	34773.6	48375.8		290.	20.0	18480.	509.	0.0275	0.0275	4.38	393.	9460.
79 1 31	5438N	16534W	18233.7	34669.9	48168.4		170.	16.8	15120.	375.	0.0248	0.0248	2.42	1349.	21340.
79 3 23	5607N	16858W	18448.2	35018.9	49537.9		355.	15.3	21840.	499.	0.0229	0.0229	3.72	10735.	12100.
78 2 21	5426N	16707W	18048.0	34885.8	48650.8		323.	18.0	18480.	400.	0.0219	0.0219	4.29	1445.	4180.
79 2 8	5435N	16533W	18221.6	34672.8	48157.6		191.	16.8	15120.	319.	0.0211	0.0211	2.29	928.	12760.
79 2 1	5436N	16535W	18223.6	34675.7	48170.7		175.	17.7	15120.	251.	0.0166	0.0166	2.26	537.	15400.
79 2 2	5435N	16535W	18219.4	34677.4	48169.0		180.	16.6	15120.	236.	0.0156	0.0156	2.75	1516.	18260.
79 2 3	5433N	16537W	18208.3	34685.3	49176.9		186.	17.8	15120.	211.	0.0140	0.0140	2.56	1751.	16940.
79 3 15	5301N	16721W	17577.6	34561.1	48504.9		98.	19.0	17064.	225.	0.0132	0.0132	8.07	448.	27940.
78 2 15	5441N	16552W	18227.0	34706.4	48276.5		159.	18.0	18480.	238.	0.0129	0.0129	5.72	704.	23540.
78 2 4	5443N	16601W	18225.8	34723.8	48331.4		153.	17.0	15120.	190.	0.0126	0.0126	4.40	3891.	24640.
79 2 15	5520N	16755W	18264.1	34929.7	49051.5		139.	15.0	15200.	184.	0.0121	0.0121	3.14	3029.	13420.
79 2 13	5434N	16535W	18215.0	34679.1	48167.3		164.	17.5	15120.	175.	0.0116	0.0116	2.81	790.	12760.
79 1 24	5500N	16723W	18222.5	34883.3	48824.1		142.	17.4	13860.	154.	0.0111	0.0111	3.14	1067.	12760.
79 2 7	5434N	16540W	18209.3	34690.5	48195.7		186.	17.3	15120.	162.	0.0107	0.0107	2.79	1156.	16940.
78 2 22	5441N	16608W	18208.2	34743.0	48367.0		175.	18.0	18480.	176.	0.0095	0.0095	1.16	513.	12540.
78 2 5	5442N	16600W	18222.4	34723.2	48323.8		153.	17.0	14400.	131.	0.0091	0.0091	1.91	1090.	23100.
79 1 16	5529N	16815W	18284.7	34963.1	49184.7		126.	16.4	13860.	124.	0.0090	0.0090	2.78	1361.	11880.
78 2 16	5441N	16553W	18225.5	34708.7	48282.2		175.	19.0	18480.	160.	0.0087	0.0087	3.08	326.	16940.
79 1 27	5232N	16943W	17008.8	35105.9	48585.4		94.	7.5	11500.	99.	0.0086	0.0086	6.91	418.	20020.
78 1 26	5425N	16614W	18124.9	34779.0	48367.5		326.	19.0	18480.	155.	0.0084	0.0084	3.30	693.	7040.
78 2 23	5444N	16606W	18224.5	34732.7	48361.7		131.	18.0	18480.	155.	0.0084	0.0084	1.39	2711.	14080.
79 1 25	5502N	16723W	18213.1	34801.0	48829.4		126.	17.0	13860.	103.	0.0075	0.0075	2.46	3360.	16940.
75 2 4	5433N	16536W	18209.5	34683.0	48171.2		180.	16.3	15120.	110.	0.0073	0.0073	3.30	426.	11660.
79 3 3	5325N	16610W	17844.4	34834.3	48223.2		109.	11.0	15000.	106.	0.0071	0.0071	1.38	6158.	23980.
79 2 11	5434N	16541W	18208.2	34692.8	48201.4		186.	18.0	15120.	105.	0.0069	0.0069	2.76	777.	13420.
79 1 5	5413N	16743W	17909.3	34959.9	48794.3		137.	16.0	13860.	82.	0.0059	0.0059	2.06	115.	13860.
79 1 28	5517N	16750W	18254.8	34922.2	49016.0		143.	15.7	13860.	78.	0.0057	0.0057	2.67	1340.	13640.
79 1 27	5501N	16723W	18207.8	34882.1	48226.8		131.	16.7	13860.	74.	0.0054	0.0054	3.12	1585.	13640.
79 1 17	5530N	16815W	18290.5	34952.1	49187.9		98.	16.1	13860.	72.	0.0052	0.0052	2.67	871.	11880.
79 1 30	5440N	16533W	18243.5	34664.0	48166.0		164.	17.0	15120.	77.	0.0051	0.0051	2.56	429.	11000.
79 1 26	5536N	16747W	18253.7	34916.8	48597.1		120.	16.7	13860.	70.	0.0050	0.0050	2.86	1233.	9020.
75 2 6	5444N	16545W	18248.2	34685.0	48241.9		153.	16.8	15120.	74.	0.0049	0.0049	2.57	1002.	13200.
79 2 12	5433N	16537W	18206.3	34685.3	48176.9		175.	18.0	15120.	73.	0.0048	0.0048	2.98	739.	17380.
79 2 27	5232N	16929W	17062.3	35097.1	48539.9		120.	10.3	5400.	23.	0.0042	0.0042	4.40	574.	8800.
79 2 10	5605N	16928W	18381.3	35079.9	49679.0		164.	15.8	15200.	65.	0.0043	0.0043	2.37	2982.	20240.
79 2 10	5434N	16537W	18212.8	34683.6	48178.6		175.	17.2	15120.	58.	0.0039	0.0039	2.33	990.	13200.
79 1 14	5232N	16946W	16998.3	35107.7	48995.5		98.	7.0	11000.	41.	0.0037	0.0037	6.86	199.	15840.
79 1 10	5611N	17055W	18137.9	35131.8	50003.5		113.	6.0	10000.	37.	0.0037	0.0037	6.89	1407.	6600.
78 2 6	5444N	16629W	18196.1	34785.7	48490.5		142.	16.0	14400.	50.	0.0035	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 7X	LORAN-C 7Y	PULSE 7Z	RATES	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 2 4	5433N	16540W	18204.9	34692.2	48193.9	202.	17.2	15120.	47.	0.0031	2.94	892.	20960.	
78 127	5452N	16641W	18219.6	34801.2	48574.9	90.	17.0	20580.	60.	0.0029	1.42	2127.	7260.	
79 1 19	5233N	16946W	17002.5	35107.7	48998.3	74.	7.5	11000.	32.	0.0029	7.63	608.	18700.	
78 2 7	5435N	18335W	18219.4	34677.4	48169.0	148.	15.5	14400.	41.	0.0029	1.10	2355.	24420.	
79 1 19	5500N	16721W	18205.4	34879.0	48133.4	153.	16.7	13860.	36.	0.0026	2.75	1783.	17820.	
78 2 13	5440N	16614W	18196.1	34758.0	48198.6	175.	18.0	18480.	46.	0.0025	1.10	2280.	22880.	
79 2 5	5434N	16536W	18213.5	34681.4	48173.0	170.	16.5	15120.	34.	0.0023	2.50	674.	12320.	
79 1 10	5516W	16746W	18255.2	34914.6	48591.3	120.	15.0	13860.	29.	0.0021	1.79	501.	13420.	
79 3 16	5301N	16721W	17577.6	34961.1	48504.9	109.	20.0	20520.	40.	0.0020	3.96	893.	32560.	
79 1 23	5529N	16815W	18278.2	34971.5	49205.5	142.	16.3	13860.	26.	0.0019	2.64	1612.	12100.	
79 2 21	5605N	16920W	18397.6	35065.8	49641.3	115.	17.5	15200.	20.	0.0019	2.80	5057.	25960.	
79 3 9	5256N	16803W	17445.3	35016.3	48673.1	98.	16.5	17100.	20.	0.0016	5.72	829.	20680.	
79 1 20	5449N	16748W	18246.7	34920.1	48599.6	153.	18.0	13860.	23.	0.0016	2.64	949.	14300.	
78 1 28	5439N	16614W	18236.4	34744.1	48416.9	93.	17.1	20580.	29.	0.0014	1.76	1813.	11000.	
79 3 13	5231N	16945W	16996.5	35107.1	48589.4	109.	18.0	17100.	23.	0.0013	4.80	1875.	28600.	
78 3 23	5448N	16613W	18234.5	34743.4	48409.3	82.	18.2	20580.	25.	0.0012	1.76	2860.	7920.	
79 2 15	5433N	16535W	18210.6	34600.8	48165.5	175.	17.1	15120.	19.	0.0013	3.30	780.	19580.	
79 3 14	5302N	16721W	17582.7	34960.7	48507.3	93.	17.8	20520.	27.	0.0013	8.58	916.	27060.	
79 1 17	5232N	16947W	16994.7	35109.2	48598.9	98.	17.0	11000.	13.	0.0011	7.70	406.	11440.	
79 3 27	5300N	16910W	17269.8	35082.5	48947.9	109.	12.0	14752.	15.	0.0010	2.36	629.	22000.	
79 2 11	5436N	16539W	18210.5	34682.2	48190.0	180.	17.1	15120.	14.	0.0009	2.42	692.	12100.	
79 1 16	5232N	16946W	16998.3	35107.7	48595.5	96.	9.3	11000.	10.	0.0009	7.26	289.	10340.	
79 2 16	5433N	16541W	18203.7	34694.4	48199.6	175.	17.7	15120.	15.	0.0010	2.31	210.	13420.	
79 1 30	5602N	17010W	18247.1	35129.9	49236.5	79.	17.5	15200.	13.	0.0008	3.52	2817.	16720.	
79 1 18	5516N	16748W	18252.2	34915.0	49002.5	148.	16.4	13860.	12.	0.0008	3.30	1061.	16500.	
79 1 31	5602N	17021W	18231.9	35135.7	49886.8	79.	17.5	15200.	13.	0.0009	1.43	2274.	16280.	
78 3 22	5449N	16613W	18235.6	34741.8	48411.3	90.	17.0	20580.	16.	0.0008	1.25	1897.	9020.	
79 1 14	5218N	16955W	16993.2	35112.8	49042.7	126.	6.5	10000.	5.	0.0005	2.20	388.	5720.	
79 2 16	5433N	16542W	18202.6	34696.7	48205.3	180.	17.2	15120.	8.	0.0005	2.53	474.	17600.	
78 3 21	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 3 25	5453N	16600W	18272.4	34704.5	48344.7	82.	19.5	20580.	6.	0.0003	1.43	2409.	8360.	
79 2 20	5433N	16636W	18132.6	34815.5	48504.2	131.	16.4	14040.	3.	0.0002	2.20	237.	11440.	
79 2 18	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 1 20	5307N	16902W	17333.4	35075.4	48538.2	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 7X	7Y	PULSE RATES 7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOURS SET	TARGET CATCH (LBS)	TARGET HOOK (LBS)	TARGET CATCH PER HOOK (LBS)	MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 526	5218N	17118W	16569.9	35137.5	49537.4	314.	17.5	13320.	9369.	0.7034	0.7034	4.91	3229.	12760.
79 525	5218N	17005W	16872.4	35117.2	49527.7	314.	18.5	20720.	14414.	0.6957	0.6957	8.43	7009.	22000.
78 6 3	5235N	16511W	17986.2	34712.8	47537.5	345.	16.0	19200.	12720.	0.6629	0.6629	7.74	3252.	17820.
78 6 2	5354N	16328W	16185.9	34464.9	47391.1	90.	18.5	19200.	12637.	0.6582	0.6582	7.86	3751.	17380.
78 6 4	5333N	16530W	17949.2	34752.4	48034.1	361.	20.0	19200.	12068.	0.6285	0.6285	7.01	86639.	100100.
79 4 5	5312N	16908W	17342.4	35080.3	48975.5	383.	10.2	10440.	5215.	0.4995	0.4995	6.91	411.	10260.
79 4 10	5315N	16947W	17230.6	35109.0	49125.6	328.	14.0	14134.	6647.	0.4703	0.4703	8.71	2746.	14740.
78 531	5404N	16140W	18306.9	34200.6	46767.2	355.	18.0	19200.	8320.	0.4333	0.4333	8.30	11117.	20820.
78 415	5344N	16401W	18113.5	34554.8	47563.3	317.	16.9	22260.	8700.	0.3909	0.3909	7.57	14520.	14520.
79 4 5	5307N	16934W	17229.8	35100.5	49055.6	273.	16.0	14400.	5415.	0.3759	0.3759	7.93	3846.	11860.
78 416	5354N	16317W	18196.4	34440.5	47328.1	320.	17.5	22260.	7729.	0.3477	0.3477	6.86	6492.	15400.
79 523	5602N	17001W	18275.3	35123.0	49804.1	355.	13.0	16600.	5136.	0.3057	0.3057	7.26	3702.	21120.
79 524	5233N	16916W	17095.9	35090.2	46504.6	342.	16.6	20720.	6105.	0.2946	0.2946	6.91	15235.	21560.
78 419	5332N	16530W	17944.3	34753.5	49032.4	306.	16.4	22260.	6281.	0.2822	0.2822	6.41	7369.	14860.
78 611	5312N	16937W	17247.6	35102.5	49581.4	328.	16.0	15540.	3746.	0.2412	0.2412	9.98	1523.	7920.
78 6 6	5340N	16430W	18062.5	34622.5	47723.8	339.	13.5	19200.	4609.	0.2401	0.2401	8.18	5819.	11220.
78 612	5303N	17027W	17017.0	35126.0	49220.1	383.	17.0	16650.	3681.	0.2211	0.2211	8.72	2469.	7640.
78 6 5	5214N	16623W	17787.5	34865.2	48284.6	355.	17.0	19200.	4170.	0.2172	0.2172	7.54	5473.	9980.
79 610	5404N	16144W	18304.2	34209.6	46790.8	328.	16.0	19200.	4150.	0.2161	0.2161	6.89	11681.	16940.
79 410	5421N	16623W	18092.7	34602.9	49407.7	405.	13.4	16360.	3450.	0.2106	0.2106	5.23	4772.	18790.
79 527	5229A	17153W	16448.9	35137.0	49373.6	301.	8.2	7770.	1629.	0.2097	0.2097	7.83	2998.	5280.
79 610	5605N	16856W	18465.6	34969.1	49412.1	364.	20.0	19018.	3907.	0.2054	0.2054	7.92	441.	16160.
79 528	5420N	16739W	17956.2	34948.9	48794.2	437.	16.0	19200.	3490.	0.1819	0.1819	6.66	5406.	22220.
78 417	5335A	16455W	18009.0	34680.8	47032.3	317.	16.5	22260.	3867.	0.1737	0.1737	7.30	6101.	11000.
79 530	5221N	16902W	17411.4	35074.4	48979.6	454.	17.0	19200.	3324.	0.1731	0.1731	7.33	373.	16060.
78 530	5414N	16109W	18355.7	34105.1	46502.2	328.	15.0	20160.	3451.	0.1712	0.1712	5.44	17605.	21780.
79 529	5518N	16803W	18240.1	34948.7	49087.6	410.	16.0	19200.	3210.	0.1672	0.1672	6.90	630.	9460.
79 411	5451N	16736W	18133.0	34919.4	46867.7	465.	12.0	16200.	2677.	0.1652	0.1652	7.10	4585.	11000.
79 414	5340N	16430W	18062.9	34622.5	47723.8	320.	17.5	22260.	3659.	0.1644	0.1644	7.13	7566.	11660.
79 6 1	5440N	16733W	18077.7	34923.3	48821.3	369.	19.4	20720.	3331.	0.1608	0.1608	6.81	1531.	19800.
78 613	5259N	17105W	16843.7	35137.0	49320.9	355.	21.0	16050.	2651.	0.1592	0.1592	7.51	2760.	7040.
79 630	5241N	17144W	16576.9	35138.0	49372.2	410.	19.0	27000.	4244.	0.1572	0.1572	8.19	12184.	18920.
79 6 7	5310N	16942W	17219.5	35105.6	49092.8	246.	16.0	16800.	2009.	0.1553	0.1553	7.06	3232.	10780.
79 6 2	5515N	16803W	18222.5	34951.5	49078.4	342.	17.0	20720.	2989.	0.1433	0.1433	6.31	1554.	10780.
79 6 6	5506N	16752W	18189.9	34937.5	48994.1	328.	16.4	20720.	2709.	0.1307	0.1307	5.16	5078.	16060.
79 6 14	5320N	16902W	17405.7	35074.5	48978.6	383.	18.5	20720.	2403.	0.1199	0.1199	6.98	1824.	17600.
79 6 7	5603N	16833W	18457.7	34964.5	49389.2	328.	16.3	20720.	2457.	0.1186	0.1186	8.23	1006.	28160.
79 531	5315N	16918W	17327.4	35088.5	49081.8	437.	16.0	19200.	2223.	0.1158	0.1158	6.48	1422.	13640.
79 6 8	5259N	16916W	17257.9	35084.2	48952.4	334.	17.0	19200.	2060.	0.1073	0.1073	7.71	735.	7260.
79 620	5312N	16919W	17507.3	35089.3	49016.5	355.	13.5	16800.	1792.	0.1065	0.1065	8.28	964.	16060.
79 521	5507N	16755W	18190.4	34942.7	49012.6	410.	9.1	10360.	1096.	0.1058	0.1058	6.49	2557.	6160.
79 615	5223N	17003W	16990.1	35116.4	49020.7	342.	22.1	19795.	2082.	0.1052	0.1052	8.15	11098.	13420.
79 528	5217N	17034W	16742.2	35128.4	49107.4	320.	20.2	20720.	2046.	0.0989	0.0989	5.45	5075.	7260.
79 612	5601N	16841W	18435.7	34928.4	49426.7	342.	13.2	20720.	1965.	0.0948	0.0948	6.89	697.	24420.
79 6 8	5608N	16856W	18454.4	35017.9	49541.4	342.	13.3	20720.	1915.	0.0923	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 7X	LDXAN-C 7Y	PULSE 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	5605N	16928W	18462.0	3507E.7	49691.3	325.	14.5	18500.	1646.	0.0890	7.52	2176.	5060.
79 6 11	5421N	15937W	18421.0	3385E.6	46131.2	328.	17.0	19200.	1646.	0.0857	7.76	23206.	26180.
79 4 13	5420N	16700W	18020.7	3487E.9	48599.7	410.	12.3	16380.	1375.	0.0839	4.62	14303.	16720.
79 6 16	5424N	16703W	18044.4	3487E.9	48625.2	301.	10.0	10360.	849.	0.0819	3.48	872.	2200.
79 4 13	5426N	16716W	18032.3	3496E.0	46696.3	410.	16.0	17575.	1425.	0.0811	6.74	5754.	20240.
79 5 23	5312N	16917W	17313.8	3508E.8	46009.1	368.	15.0	19200.	1423.	0.0741	5.61	350.	14740.
79 5 29	5302N	17029W	17003.7	3512E.7	49223.3	301.	10.2	2960.	155.	0.0523	10.45	534.	880.
79 4 11	5420N	16634W	18071.2	3482E.6	46464.0	427.	14.0	20475.	1059.	0.0517	4.99	85147.	92840.
79 5 4	5604N	17048W	18118.0	3513E.3	49957.5	437.	18.3	23520.	1215.	0.0516	7.18	9462.	12760.
79 6 3	5528N	16827W	18258.7	3458E.5	49243.3	342.	20.2	20720.	1027.	0.0496	7.43	272.	11880.
79 6 9	5603N	16833W	18457.7	3496E.5	49389.2	355.	20.3	20720.	1010.	0.0487	8.62	1888.	17600.
79 4 6	5313N	16916W	17322.6	3506E.9	49006.4	372.	13.5	18130.	842.	0.0465	7.14	1028.	10780.
79 5 5	5617N	17123W	18040.8	3510E.8	50075.4	328.	17.4	23520.	903.	0.0384	8.25	5736.	16280.
79 5 24	5309N	16941W	17217.3	3510E.2	49066.3	410.	16.0	19200.	527.	0.0274	8.85	3547.	5280.
79 5 31	5454N	16658W	18207.0	3493E.3	48673.3	148.	14.4	20720.	501.	0.0242	2.15	1076.	16280.
79 6 8	5533N	16833W	18278.6	3459E.6	49290.6	372.	15.0	19200.	424.	0.0221	7.14	295.	18040.
79 5 25	5259N	16911W	17261.1	3508E.4	48948.7	328.	16.0	19200.	422.	0.0220	7.38	1101.	12320.
79 6 12	5437N	15830W	18483.4	3368E.9	45615.4	58.	14.0	19200.	402.	0.0209	1.58	1766.	15180.
79 5 22	5517N	16753W	18250.2	3492E.6	49032.0	164.	9.1	10360.	155.	0.0198	3.02	1776.	12760.
79 5 30	5605N	16854W	18441.7	3501E.0	49509.6	328.	14.0	16800.	310.	0.0185	5.54	2797.	10780.
79 5 27	5420N	16642W	18058.6	3494E.6	48506.2	359.	16.0	19200.	340.	0.0177	6.12	1414.	16500.
79 4 12	5444N	16618W	18210.0	3476E.0	48429.2	98.	12.0	18330.	303.	0.0168	1.99	756.	12760.
79 5 30	5500N	16720W	18206.5	3497E.9	48606.0	159.	14.5	20720.	267.	0.0129	2.97	1356.	17820.
79 4 12	5515N	16745W	18251.2	3491E.6	48983.5	260.	15.5	18500.	216.	0.0118	3.76	4759.	13860.
79 6 17	5457N	16700W	18219.5	3483E.8	48691.6	115.	15.1	20720.	225.	0.0109	2.94	1345.	23320.
79 5 31	5627N	17129W	18072.1	3508E.5	50115.6	328.	13.5	16800.	150.	0.0089	5.12	490.	23100.
79 6 18	5457N	16709W	18207.0	3485E.6	48740.7	115.	16.0	20720.	124.	0.0060	2.81	875.	31460.
79 5 2	5423N	16004W	18413.6	3393E.2	46190.0	93.	17.5	23520.	138.	0.0058	3.56	925.	23320.
79 5 22	5617N	16947W	18423.4	3510E.1	49515.3	58.	13.0	16800.	40.	0.0024	2.20	4668.	17160.
78 4 4	5446N	16527W	18275.4	3463E.7	48141.1	101.	15.5	20580.	44.	0.0022	1.24	2221.	8800.
79 5 22	5522N	16756W	18273.8	3492E.6	49062.8	109.	16.1	20720.	10.	0.0005	3.08	2598.	16500.
79 5 3	5418N	16030W	18388.0	3400E.4	46346.3	53.	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 YRMO	LAT	LONG	APPROX LORAN-C 7X	7Y	PULSE 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.	1.0499	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	16126W	18325.1	34161.6	46684.5	391.	12.0	14000.	13221.	0.9444	6.14	3034.	17600.
78 826	5302N	16712W	17603.9	34548.1	49467.1	301.	18.0	17220.	13258.	0.7699	8.09	31025.	45760.
77 915	5403N	16150W	16297.0	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.	12539.	0.7293	7.97	19961.	34540.
79 718	5404N	16200W	18293.1	34245.7	46864.8	295.	16.2	18400.	13131.	0.7136	8.38	7291.	22440.
79 818	5404N	16217W	18289.7	34284.1	46984.5	328.	16.0	17600.	8703.	0.6907	6.19	3039.	12980.
77 924	5357N	16244W	18236.2	34300.6	47139.7	448.	11.5	14000.	8954.	0.6396	8.24	5795.	16500.
78 825	5307N	16643W	17692.5	34502.2	48345.1	328.	18.0	17220.	10723.	0.6227	7.55	31259.	43780.
78 916	5424N	15919W	18455.9	33832.5	45921.6	347.	16.0	15990.	9590.	0.5998	7.22	9708.	21560.
75 9 1	5360N	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	16000.	9607.	0.5718	7.48	19529.	29700.
78 824	5401N	16300W	18236.4	34388.1	47234.4	328.	16.0	17220.	9335.	0.5420	7.91	35797.	48840.
79 7 8	5434N	15827W	18478.1	33690.1	45802.1	383.	18.0	16800.	9101.	0.5418	6.54	11203.	22440.
79 717	5400N	16250W	18241.4	34367.7	47175.8	295.	16.0	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	356.	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	18350.2	34078.9	46499.7	432.	12.0	14000.	6464.	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	18395.8	33990.3	46284.0	355.	16.5	17480.	7864.	0.4499	7.65	11965.	20240.
79 818	5407N	16215W	18291.8	34272.6	46573.4	301.	17.5	14400.	6355.	0.4413	7.22	4846.	13640.
79 728	5404N	16203W	18290.5	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.	4054.	0.3852	5.77	5539.	11660.
79 9 2	5256N	16733W	17523.1	34979.1	48545.6	355.	13.0	14480.	5544.	0.3940	6.22	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	45999.2	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	33736.6	45817.7	355.	17.0	14400.	5209.	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	19400.	6925.	0.3546	6.85	17936.	24860.
79 711	5421N	16331W	18423.7	33867.5	45995.7	388.	18.0	16300.	5885.	0.3503	7.31	16925.	24420.
79 5 7	5403N	16237W	18262.1	34331.7	47101.3	328.	15.5	21280.	7386.	0.3471	7.47	9684.	21780.
79 821	5401N	16240W	18253.0	34342.9	47116.1	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	19800.	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	17828.5	34827.0	45175.6	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.	5349.	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 7X	LORAN-C 7Y	PULSE 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.
79 721	5409N	16128W	16325.7	34161.0	46695.0	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.
79 926	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	33846.3	45552.5	383.	16.0	21280.	5800.	0.2763	6.99	13312.	22000.
79 829	5425N	15900W	18446.1	33799.4	45809.4	334.	18.0	19200.	5258.	0.2759	6.42	41596.	48620.
79 724	5408N	16218W	18292.8	34277.0	46591.3	383.	16.5	21280.	5873.	0.2760	6.79	11803.	19350.
79 830	5209N	16634W	17721.3	34866.7	48309.9	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.
79 512	5213N	17042W	16690.4	35130.7	45120.4	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.	3816.	0.2180	6.64	707.	29040.
79 927	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	363.	16.0	14400.	3105.	0.2156	6.66	8765.	13200.
79 818	5444N	15802W	18507.3	33601.0	45427.6	109.	13.0	17640.	3177.	0.2084	4.89	6161.	11880.
79 8 6	5433N	15805W	18493.7	33631.0	45468.8	383.	18.0	15640.	3877.	0.2018	7.60	9619.	13420.
79 829	5318N	16618W	17756.2	34853.8	48248.5	383.	14.5	21280.	4116.	0.1934	6.15	4426.	9280.
79 7 3	5422N	15935W	18424.3	33873.3	46119.4	317.	18.1	18400.	3266.	0.1776	7.02	16208.	20620.
79 726	5413N	16115W	18347.0	34130.4	46641.9	301.	16.5	19380.	3441.	0.1776	7.30	13539.	18750.
79 7 4	5403N	16150W	18297.0	34225.5	46856.0	380.	17.5	27000.	4551.	0.1685	7.24	10899.	16500.
79 7 5	5404N	16230W	18270.9	34312.6	47080.7	410.	16.0	27000.	4518.	0.1673	6.61	7737.	14950.
79 7 5	5426N	16613W	18131.0	34775.5	43364.2	301.	9.0	12950.	1826.	0.1410	5.81	413.	3080.
79 7 7	5448N	15931W	18486.2	33763.9	45568.9	377.	16.0	27000.	3611.	0.1337	7.50	13250.	18040.
79 8 7	5416N	15952W	18408.7	33922.2	46127.7	383.	16.5	21280.	2646.	0.1244	6.71	14409.	20450.
78 731	5558N	16935W	18316.7	35092.9	45681.2	361.	16.5	20000.	2281.	0.1140	5.73	593.	11660.
79 918	5436N	15835W	18475.5	33700.7	45686.4	120.	10.5	16800.	1633.	0.0972	4.27	3046.	33440.
79 823	5313N	16903W	17363.5	35075.9	48359.6	383.	17.5	21280.	2027.	0.0957	7.24	1802.	28380.
79 5 4	5511N	16743W	18232.1	34913.7	46981.4	159.	15.8	18240.	1693.	0.0928	3.77	1100.	37620.
79 914	5237N	16904W	17165.8	35078.7	46081.2	355.	16.5	19950.	1638.	0.0821	7.42	27125.	31620.
78 9 2	5417N	16100W	18369.3	34078.7	46527.6	82.	17.5	17520.	1425.	0.0813	3.08	1636.	16500.
79 915	5211N	16909W	17333.6	35081.2	48578.3	437.	21.7	19950.	1581.	0.0793	7.23	539.	27660.
79 7 6	5427N	15901W	18450.2	33784.5	45811.8	314.	17.4	27000.	2069.	0.0766	6.36	9706.	12320.
79 822	5216N	16905W	17385.3	35077.3	48582.0	383.	18.5	21280.	1572.	0.0739	7.30	1376.	20460.
78 724	5405N	16147W	18305.2	34212.5	46602.4	328.	17.1	23200.	1711.	0.0738	8.07	2608.	5060.
79 9 5	5428N	15833W	18463.1	35212.6	45846.0	93.	14.5	21280.	1561.	0.0734	3.50	754.	39820.
79 7 7	5608N	17035W	18201.5	35132.2	45941.7	410.	21.2	16560.	1193.	0.0720	8.51	4415.	10560.
78 510	5447N	15832W	18503.4	33658.7	45613.0	98.	17.9	20160.	1254.	0.0622	6.66	1017.	23980.
78 515	5417N	16034W	18383.3	34016.2	46272.7	98.	13.0	11275.	661.	0.0587	4.19	86.	9680.
78 728	5312N	16902W	17361.0	35075.0	48552.8	383.	15.3	19000.	1110.	0.0584	7.82	440.	9900.
79 718	5557N	17003W	18232.5	35124.5	45989.1	355.	21.0	16800.	905.	0.0539	8.58	861.	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 YRMMDD	LAT	LONG	APPROX 7X	LORAN-C 7Y	PULSE 7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET HOOK (LBS)	TARGET CATCH PER HOOK (LBS)	MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 711	5624N	17125W	16075.6	35091.0	50101.8	410.	18.5	18400.	919.	0.0499	7.88	5587.	18260.	
79 5 7	5519N	16752W	18263.0	34524.2	49032.6	153.	16.6	19950.	951.	0.0497	3.77	1521.	47960.	
78 72E	5312N	16904W	17354.9	35076.8	48560.4	383.	16.2	19000.	902.	0.0475	7.72	549.	19140.	
79 825	5437N	15954W	18482.0	33695.4	45639.1	98.	15.8	19950.	543.	0.0473	3.38	737.	13200.	
78 716	5446N	15806W	18513.3	33600.3	45456.5	77.	15.0	23200.	1070.	0.0461	4.71	482.	19580.	
78 730	5532N	16822W	18282.2	34935.3	49256.6	383.	16.2	20600.	918.	0.0459	6.31	239.	7040.	
79 8 2	5319N	16902W	17400.1	35074.6	43573.6	328.	16.0	21280.	965.	0.0453	5.61	832.	16280.	
79 722	5611N	16923W	18432.4	35066.0	46797.7	372.	10.0	17640.	768.	0.0447	5.39	5221.	10340.	
79 517	5434N	15841W	18473.1	33719.9	45684.7	120.	11.4	16800.	711.	0.0423	3.74	257.	28600.	
79 516	5435N	15841W	18475.3	33716.7	45683.3	104.	11.0	16800.	702.	0.0418	3.51	574.	28600.	
79 731	5220N	16902W	17403.7	35074.5	48576.6	437.	15.5	21280.	867.	0.0417	7.70	455.	15660.	
79 827	5414N	16102W	18359.2	34089.3	46540.6	290.	16.3	21280.	805.	0.0378	6.45	57382.	60060.	
79 821	5548N	16854W	18334.9	35028.8	45449.1	383.	12.0	16800.	626.	0.0378	7.45	6752.	13860.	
79 824	5453N	15822W	18516.5	33617.4	45544.3	96.	15.9	19950.	697.	0.0349	4.61	481.	18040.	
78 825	5610N	16919W	18433.1	35060.5	49656.2	301.	19.4	20000.	620.	0.0310	6.79	689.	4620.	
79 8 1	5318N	16907W	17379.1	35075.1	48589.6	437.	15.5	21280.	542.	0.0254	8.21	1058.	15400.	
79 712	5418N	16023W	18391.6	33590.8	46306.6	53.	18.0	16800.	383.	0.0226	3.55	1023.	15180.	
79 517	5450N	16659W	18185.1	34847.6	48669.0	153.	16.2	19950.	440.	0.0220	3.56	1850.	33660.	
78 9 3	5419N	16056W	18375.9	34066.7	46514.9	88.	17.0	19200.	355.	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	33706.0	45638.6	109.	10.0	16800.	318.	0.0189	2.98	250.	14080.	
79 713	5408N	16158W	18320.3	34186.2	46755.2	82.	17.0	16600.	313.	0.0186	5.34	2669.	16720.	
78 725	5318N	16907W	17375.1	35075.1	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	15822W	18526.4	33610.6	45541.4	98.	16.7	19950.	272.	0.0136	3.16	260.	12320.	
79 5 3	5500N	16727W	18196.4	34891.8	48845.5	164.	15.5	18240.	242.	0.0133	3.73	1056.	26620.	
79 5 2	5453N	16705W	18192.0	34852.9	48708.9	164.	15.7	18240.	222.	0.0122	3.43	1204.	32340.	
78 920	5449N	15829W	18506.4	33645.7	45592.2	93.	18.2	20160.	239.	0.0119	5.70	328.	18700.	
78 5 5	5412N	16050W	18377.5	34051.4	46467.6	71.	17.0	19200.	220.	0.0114	6.06	714.	15820.	
79 5 4	5436N	15831W	18480.9	33692.2	45622.8	58.	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.	
78 514	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	48534.0	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	18355.1	34117.5	46435.1	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	34035.6	46443.2	98.	13.0	15540.	52.	0.0059	1.47	1273.	19140.	
79 5 5	5601N	16836W	18442.3	34974.5	45199.5	153.	17.4	17727.	99.	0.0056	4.01	4406.	38060.	
78 723	5430W	15940W	18441.7	33860.3	46040.6	77.	15.5	20000.	55.	0.0047	1.82	685.	14300.	
79 5 6	5612N	16909W	18463.1	35038.6	45613.4	153.	15.7	18240.	86.	0.0047	8.29	4487.	46200.	
78 921	5418N	16046W	18375.6	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.	52.	0.0046	6.67	501.	30140.	
78 911	5446N	15828W	18506.7	33646.9	45587.6	77.	18.9	20160.	85.	0.0042	6.66	171.	21780.	
78 815	5431N	16541W	18194.6	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 7X	LCRAN-C 7Y	PULSE HZ	DEPTH (FMS)	FOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET HOOK (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	0.0040	2.24	7351.	26820.
78 9 4	5418N	16056W	18374.2	34064.5	46503.4	71.	17.5	19200.	75.	0.0039	0.0039	3.52	604.	15840.
78 830	5616N	16933W	18447.2	35083.9	49747.9	170.	16.3	20000.	75.	0.0038	0.0038	5.17	2237.	17820.
78 5 5	5418N	16055W	18374.8	34062.7	46497.4	60.	18.0	19200.	66.	0.0034	0.0034	3.52	523.	14960.
78 825	5536N	16843W	18279.2	35013.9	49351.3	301.	18.0	21280.	70.	0.0033	0.0033	6.82	307.	16060.
78 821	5425N	15948W	18425.8	33892.0	46092.9	77.	15.0	17220.	53.	0.0031	0.0031	2.46	1354.	63360.
78 516	5448N	15827W	18507.0	33644.7	45581.6	98.	18.5	20160.	62.	0.0031	0.0031	5.72	570.	21780.
79 820	5536N	16847W	18271.8	35021.6	49371.1	383.	12.0	19200.	47.	0.0025	0.0025	4.73	1702.	21120.
78 813	5442N	1657W	18225.8	34716.3	48306.8	175.	17.2	20000.	48.	0.0024	0.0024	1.82	535.	15620.
78 515	5458N	15836W	18526.1	33617.4	45585.4	88.	17.9	20160.	47.	0.0023	0.0023	6.67	462.	20680.
78 817	5439N	16539W	18232.6	34679.7	48198.7	172.	17.0	20000.	43.	0.0022	0.0022	3.23	1715.	11220.
79 814	5452N	15822W	18516.5	33620.7	45545.0	98.	12.0	17640.	36.	0.0021	0.0021	3.89	1235.	22440.
78 711	5428N	15928W	18441.6	33841.0	45770.8	104.	15.4	23200.	32.	0.0014	0.0014	2.09	44.	14560.
78 516	5447N	15833W	18503.1	33660.8	45619.0	88.	20.6	20160.	28.	0.0014	0.0014	6.60	342.	25300.
79 712	5615N	16939W	18427.5	35094.5	45771.3	109.	16.0	14720.	14.	0.0010	0.0010	3.08	4268.	22660.
78 519	5448N	15827W	18507.0	33644.7	45581.6	104.	21.7	20160.	20.	0.0010	0.0010	5.72	869.	20500.
78 9 8	5607N	16951W	18340.5	35112.6	45787.5	104.	15.0	17220.	13.	0.0007	0.0007	2.86	1789.	13420.
78 812	5536N	16749W	18250.7	34921.1	49007.8	197.	18.2	20000.	13.	0.0006	0.0006	2.42	506.	12320.
79 715	5616N	16938W	18436.7	35092.5	45771.0	126.	13.5	13000.	7.	0.0005	0.0005	2.64	1396.	16920.
78 816	5430N	16539W	18192.7	34694.6	48183.0	159.	16.5	20000.	11.	0.0005	0.0005	2.16	1244.	11880.
78 9 8	5419N	16112W	18368.2	34096.5	46598.7	77.	17.0	17280.	6.	0.0005	0.0005	3.52	868.	12760.
78 815	5442N	16605W	18216.5	34734.6	48352.1	155.	16.0	20000.	8.	0.0004	0.0004	2.31	362.	7920.

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

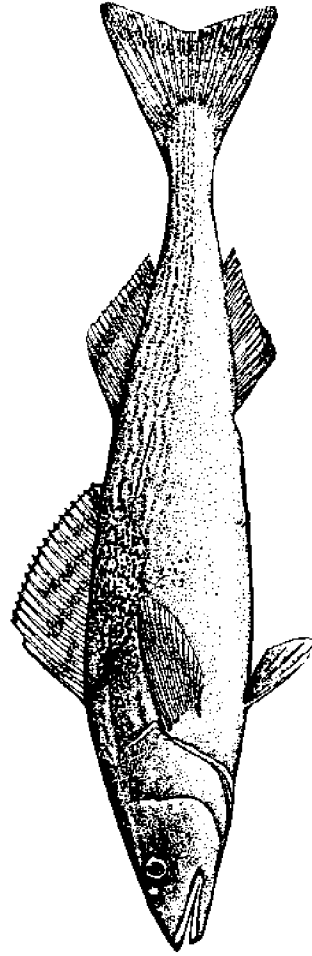


TABLE B-6. SABLEFISH, OCTOBER-DECEMBER

DATE	LAT	LONG	AFFIX	LRAN-C	PULSE	RATES	DEPTH	HOURS	NUMBER	TARGET	TARGET	TARGET	DISCARDS	TOTAL
YYMMDD			7X	7Y	7Z	7Z	(FMS)	SET	HOOKS	CATCH	CATCH	MEAN	CATCH	CATCH
			*****	*****	*****	*****	*****	*****	*****	(LBS)	(LBS)	(LBS/FISH)	(LBS)	(LBS)
781120	5417N	1600W	16400.4	33942.6	46170.8	342.	18.0	18.0	15200.	17066.	1.1622	6.18	7670.	26180.
781122	5415N	1610W	18362.6	34086.6	46540.2	342.	18.0	18.0	15200.	17116.	1.1260	7.14	10142.	28600.
781118	5427N	15902W	16449.8	33766.6	45817.7	323.	18.0	18.0	15200.	16099.	1.0591	8.06	19508.	36740.
781119	5423N	15928W	18429.8	33855.9	45575.9	342.	18.0	18.0	15200.	15952.	1.0521	7.67	8912.	25740.
781124	5408N	16130W	16325.5	34168.1	46707.9	342.	18.0	18.0	15200.	14765.	0.9714	7.80	38658.	56320.
781121	5416N	16038W	18378.5	34025.9	46797.0	342.	18.0	18.0	15200.	14651.	0.9665	6.96	12448.	28600.
781126	5416N	16013W	18391.4	33974.2	46248.6	342.	18.0	18.0	15200.	13656.	0.8584	6.57	17578.	32560.
781123	5406N	16155W	18302.8	34229.6	46655.5	342.	17.0	17.0	15200.	10980.	0.7224	6.54	6076.	22220.
7910 6	5422N	15932W	18425.6	33866.7	46000.6	328.	17.0	17.0	15200.	9851.	0.6507	7.34	31917.	45320.
7910 7	5431N	15901W	18459.2	33772.2	45807.0	104.	18.0	18.0	15200.	7612.	0.5008	2.89	235.	16920.
781123	5425N	15831W	18478.8	33695.4	45824.2	301.	19.0	19.0	15120.	6784.	0.4487	5.58	12611.	21120.
781124	5440N	15802W	18496.7	33618.3	45445.9	328.	17.0	17.0	15120.	5959.	0.3941	6.51	15083.	22880.
751113	5424N	16528W	18195.3	34717.7	48263.5	279.	8.0	8.0	8000.	2372.	0.2965	3.59	203.	5500.
781015	5443N	15803W	18504.4	33610.6	45446.9	82.	7.0	7.0	9600.	1658.	0.1727	4.56	1279.	15620.
791114	5420N	16901W	17408.8	35073.6	48972.7	383.	19.0	19.0	20000.	2959.	0.1465	7.11	1559.	38060.
7812 1	5447N	16741W	18102.1	34932.7	48881.9	355.	16.0	16.0	12600.	1624.	0.1448	6.97	4350.	7260.
7911 5	5458N	15827W	18526.9	33611.0	45567.2	104.	15.0	15.0	20000.	2647.	0.1424	2.73	477.	23540.
791111	5448N	15821W	18508.8	33632.0	45545.8	104.	14.5	14.5	19600.	2574.	0.1313	2.63	682.	23320.
791110	5447N	15822W	18506.5	33637.4	45553.2	104.	15.0	15.0	19600.	2362.	0.1205	3.56	581.	31900.
7710 1	5418N	15957W	18404.4	33933.2	46152.3	364.	10.7	10.7	13480.	2211.	0.1196	7.35	3307.	6160.
7911 5	5450N	15812W	18515.5	33606.3	45489.0	93.	18.0	18.0	19600.	1950.	0.0995	2.45	635.	23760.
791116	5213N	16904W	17366.4	35078.8	48363.4	394.	11.0	11.0	11000.	1069.	0.0572	7.83	145.	10780.
791118	5319N	16903W	17397.0	35075.5	48377.4	399.	16.0	16.0	20000.	1677.	0.0638	6.54	714.	32560.
7811 1	5502N	15836W	18532.3	33616.5	45616.5	98.	16.0	16.0	14000.	1164.	0.0832	3.54	516.	37400.
791117	5319N	16902W	17400.1	35074.6	48373.6	410.	17.5	17.5	17000.	1412.	0.0831	7.25	270.	18700.
7911 8	5452N	15823W	18516.2	33622.9	45551.8	98.	7.0	7.0	8000.	626.	0.0782	2.05	66.	10120.
781014	5444N	15824W	18499.8	33651.5	45569.6	115.	17.0	17.0	14400.	916.	0.0629	6.60	2404.	29480.
791210	5440N	15817W	18493.9	33649.8	45534.2	137.	12.0	12.0	16000.	951.	0.0594	3.86	754.	54560.
7912 6	5440N	15823W	18491.9	33662.4	45569.6	120.	12.0	12.0	15200.	882.	0.0567	3.19	995.	41800.
781017	5445N	15824W	18501.8	33648.3	45568.1	104.	17.0	17.0	14400.	655.	0.0483	7.04	600.	31680.
791211	5442N	15810W	18500.2	33628.5	45489.7	148.	12.5	12.5	16000.	738.	0.0461	3.33	1071.	57200.
7911 4	5600N	16827W	18447.7	34533.9	49146.6	120.	14.0	14.0	18800.	846.	0.0450	7.89	1546.	17160.
7910 8	5502N	15828W	18534.4	33599.3	45567.6	109.	18.0	18.0	15200.	676.	0.0445	2.67	303.	25520.
781016	5509N	15856W	18540.8	33635.3	45730.7	98.	5.5	5.5	4680.	179.	0.0383	0.99	39.	2640.
7812 7	5603N	16937W	18347.1	35094.7	49711.1	118.	17.3	17.3	15200.	548.	0.0360	6.33	1518.	23540.
781119	5446N	15815W	18505.4	33634.4	45536.9	90.	17.0	17.0	15120.	541.	0.0358	3.39	375.	30140.
781020	5446N	15826W	18505.3	33635.3	45574.2	109.	15.0	15.0	14400.	435.	0.0302	5.06	639.	27500.
781115	5438N	15828W	18486.1	33675.5	45602.1	109.	15.0	15.0	15120.	420.	0.0278	6.11	1049.	27500.
7812 6	5615N	16945W	18412.2	33622.5	45554.0	98.	19.0	19.0	14000.	367.	0.0276	6.11	282.	40920.
791110	5454N	15826W	18519.3	33623.7	49797.8	118.	17.0	17.0	15200.	408.	0.0268	9.35	2158.	23100.
791111	5454N	15826W	18519.3	33623.7	49797.8	98.	15.5	15.5	20000.	525.	0.0263	2.38	841.	27720.
791127	5450N	15816W	18513.7	33619.0	45524.8	109.	13.0	13.0	16000.	468.	0.0255	3.88	620.	24200.
791111	5454N	15827W	18519.0	33624.6	45573.0	98.	15.0	15.0	20000.	507.	0.0253	2.26	2036.	22880.
7911 6	5442N	15828W	18494.4	33666.6	45596.3	98.	15.0	15.0	19600.	455.	0.0232	2.43	334.	19140.
7811 8	5456N	15833W	18521.3	33630.7	45606.4	98.	15.0	15.0	19200.	441.	0.0230	3.80	481.	20460.

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

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

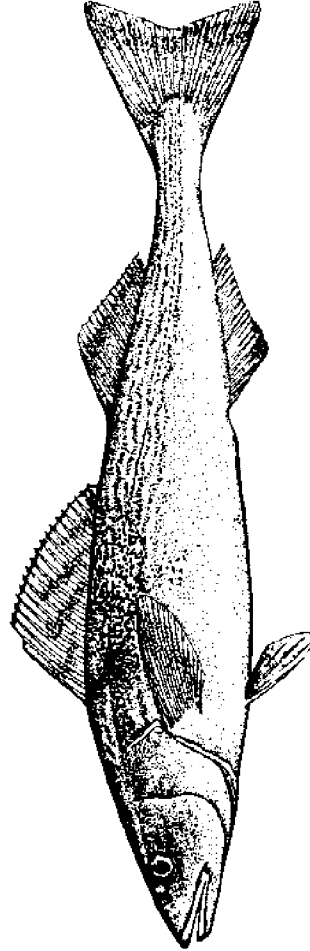
DATE YYMMDD	LAT	LONG	APPROX LORAN-C 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
7912 5	5430A	15903W	18456.1	33779.6	45620.0	120.	12.0	15200.	340.	0.0224	3.48	407.	27500.
7912 5	5430A	15903W	18456.1	33779.6	45620.0	120.	12.0	15200.	340.	0.0224	3.48	407.	27500.
7911 8	5443N	15621W	18498.7	33648.5	45553.2	173.	15.0	15120.	277.	0.0183	5.02	269.	18260.
7910 25	5444N	15800W	18502.3	33601.0	45427.6	53.	13.8	18900.	339.	0.0180	2.84	1380.	40700.
7911 10	5456N	15816W	18523.5	33598.7	45518.0	58.	16.0	15200.	210.	0.0138	4.51	120.	29480.
7910 27	5417N	16028W	18386.4	34004.8	46337.0	58.	17.0	14000.	187.	0.0134	3.23	2712.	34540.
7910 27	5417N	16028W	18386.4	34004.8	46337.0	58.	17.0	14000.	187.	0.0134	3.23	2712.	34540.
7912 3	5435A	15840W	18477.8	33711.4	45676.0	126.	12.0	13300.	174.	0.0131	3.13	231.	20460.
7911 3	5604A	16818W	18479.5	34924.6	49207.4	112.	13.8	18000.	230.	0.0122	3.67	1871.	18920.
7911 30	5448A	15601W	18248.6	34715.5	48241.0	101.	17.0	12600.	153.	0.0122	2.93	2046.	12320.
7911 25	5406A	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.
7910 21	5449N	15827W	18509.0	33641.4	45580.2	104.	16.5	14400.	164.	0.0114	5.50	851.	25040.
7911 7	5603A	16824W	18468.1	34941.8	49238.8	139.	9.5	11750.	172.	0.0113	3.98	2378.	19140.
7910 15	5410A	16215W	18301.4	34265.4	46574.0	56.	14.0	19200.	202.	0.0105	7.59	1713.	21340.
7911 7	5447A	15818W	18507.7	33629.0	45529.4	104.	14.0	17500.	177.	0.0101	4.55	564.	24860.
7911 4	5501A	15814W	18536.2	33573.0	45684.1	88.	14.0	19600.	194.	0.0099	2.91	761.	22880.
7912 25	5419A	15818W	18491.5	33655.1	45541.6	115.	13.0	16000.	148.	0.0092	2.56	581.	36060.
7911 17	5427A	15927W	18435.6	33840.9	45565.9	104.	16.5	15200.	137.	0.0090	5.28	114.	24640.
7911 7	5555A	16844W	18355.1	34559.9	45422.6	123.	15.0	19800.	142.	0.0076	4.15	2679.	18480.
7912 4	5609A	16941W	18380.2	35099.2	49754.3	115.	13.0	7500.	57.	0.0076	6.60	982.	16720.
7910 27	5412A	16130W	18337.3	34157.9	46707.4	82.	11.0	14400.	107.	0.0074	1.71	1673.	16060.
7910 31	5455A	15826W	18521.3	33619.1	45565.5	98.	17.0	14000.	93.	0.0070	3.68	932.	37180.
7911 2	5616A	16929W	18455.0	33076.5	49728.9	169.	13.6	18800.	117.	0.0062	3.60	1882.	16280.
7911 11	5452A	15820W	18517.1	33618.5	45533.8	104.	16.0	15200.	94.	0.0062	4.73	444.	31680.
7911 28	5416A	16130W	18345.1	34147.5	46708.9	96.	14.0	12600.	70.	0.0056	1.28	1702.	11220.
7910 21	5416A	16124W	18352.7	34132.8	46871.1	104.	16.0	19200.	105.	0.0055	4.62	1305.	29700.
7911 16	5439A	15827W	18488.6	33674.1	45594.8	123.	16.0	15120.	78.	0.0052	3.73	365.	24200.
7911 17	5417A	16120W	18357.9	34122.1	46647.0	88.	15.0	19600.	59.	0.0048	2.70	4633.	21340.
7911 22	5400A	16123W	18306.3	34172.3	46668.0	109.	15.0	19200.	87.	0.0045	5.72	401.	29920.
7911 6	5555A	16851W	18324.1	35015.0	45459.0	131.	15.1	18600.	84.	0.0044	3.70	1870.	21340.
7912 6	5450A	15814W	18514.5	33610.5	45500.9	120.	11.0	16000.	71.	0.0045	2.51	762.	31900.
7912 5	5615A	16944W	18416.1	35102.2	45793.5	118.	17.0	15200.	66.	0.0044	8.14	1736.	20680.
7910 31	5406A	16149W	18306.9	34216.0	46820.2	86.	14.0	18240.	60.	0.0033	1.85	438.	14300.
7911 15	5444A	15809W	18504.5	33615.9	45480.6	104.	16.0	15200.	51.	0.0034	2.20	769.	23320.
7911 5	5449A	15817W	18512.0	33620.2	45520.4	93.	15.0	19200.	62.	0.0032	3.52	775.	23540.
7912 1	5601A	16936W	18335.4	35093.7	45898.2	107.	17.5	15200.	47.	0.0031	3.23	1628.	17600.
7910 19	5453A	15831W	18515.9	33636.5	45599.5	93.	16.5	14400.	44.	0.0030	5.28	375.	34100.
7910 26	5406A	16149W	18306.9	34216.0	46820.2	98.	15.0	19200.	57.	0.0030	1.23	1609.	20460.
7911 20	5442A	15821W	18498.7	33651.7	45554.8	96.	16.0	15120.	41.	0.0027	1.54	975.	16500.
7911 12	5455A	15823W	18522.1	33612.7	45547.4	104.	16.1	15200.	35.	0.0023	1.69	338.	21340.
7911 10	5629A	17130W	18076.7	35075.6	50122.6	145.	13.6	18800.	42.	0.0022	5.00	2501.	19140.
7911 8	5555A	16852W	18382.5	35017.2	45464.2	120.	15.6	18800.	36.	0.0020	4.51	630.	12540.
7910 16	5435A	15840W	18475.6	33714.6	45677.4	104.	16.5	14400.	26.	0.0018	7.04	632.	25700.
7911 19	5406A	16214W	18239.3	34272.7	46967.3	82.	12.0	15200.	26.	0.0017	2.01	816.	6820.
7911 27	5422A	15810W	18458.9	33691.7	45521.7	96.	14.0	12600.	18.	0.0014	2.20	1583.	11660.

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

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

DATE YYMMDD	LAT	LONG	AFFIX 7X	LCRAN-C 7Y	PULSE 7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SFT	TARGET CATCH (LBS)	TARGET HOOK (LBS)	CATCH PER HOOK (LBS)	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.	0.0034	0.0034	2.64	418.	29480.
7911 5	5608N	16826W	16493.6	34938.8	49264.7	112.	7.6	9400.	12.	0.0013	0.0013	3.52	801.	9240.
781116	5447N	15809W	18510.5	33610.0	45475.9	104.	17.0	15200.	18.	0.0012	0.0012	2.20	102.	21120.
781111	5447N	15823W	18508.2	33639.5	45559.2	101.	16.0	15120.	19.	0.0012	0.0012	1.32	881.	39160.
781030	5406N	16150W	18366.2	34218.2	46626.0	79.	14.0	19200.	19.	0.0010	0.0010	0.77	535.	18480.
781013	5443N	15822W	18498.4	33650.6	45559.2	109.	17.0	14400.	12.	0.0008	0.0008	3.96	824.	25560.
781020	5406N	16151W	18305.8	34220.5	46831.9	58.	16.0	18240.	15.	0.0008	0.0008	1.76	527.	33660.
7811 1	5509N	15823W	18548.0	33504.0	45527.1	53.	14.0	19200.	16.	0.0008	0.0008	1.17	471.	14520.
7812 2	5601N	16939W	18328.1	35098.0	49711.2	109.	17.5	15200.	12.	0.0008	0.0008	1.76	2662.	21120.
781012	5435N	15841W	18475.3	33718.7	45683.3	109.	16.5	14400.	10.	0.0007	0.0007	3.96	264.	25960.
7811 6	5456N	15621W	18524.7	33605.0	45533.9	90.	15.0	19200.	14.	0.0008	0.0008	3.08	140.	14740.
781027	5413N	16129W	18340.9	34153.0	46701.3	104.	15.0	19200.	14.	0.0008	0.0008	1.21	2382.	23980.
791112	5622N	17122W	18079.1	35097.7	50091.5	126.	14.0	17390.	11.	0.0006	0.0006	6.80	1447.	13420.
781112	5444N	15827W	18498.9	33657.9	45587.5	104.	18.0	15120.	10.	0.0006	0.0006	1.10	480.	21780.
791111	5626N	17124W	18093.9	35085.8	50107.3	156.	14.1	18800.	13.	0.0007	0.0007	5.50	1259.	16660.
781027	5452N	15834W	18513.0	33646.3	45618.0	82.	16.5	14400.	10.	0.0007	0.0007	3.96	205.	22860.
791113	5628N	17126W	18095.3	35063.8	50115.7	131.	14.5	18600.	6.	0.0003	0.0003	5.94	520.	11880.
7912 4	5423N	15944W	18422.7	33890.0	46070.6	109.	12.0	15200.	3.	0.0002	0.0002	1.54	321.	21780.

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



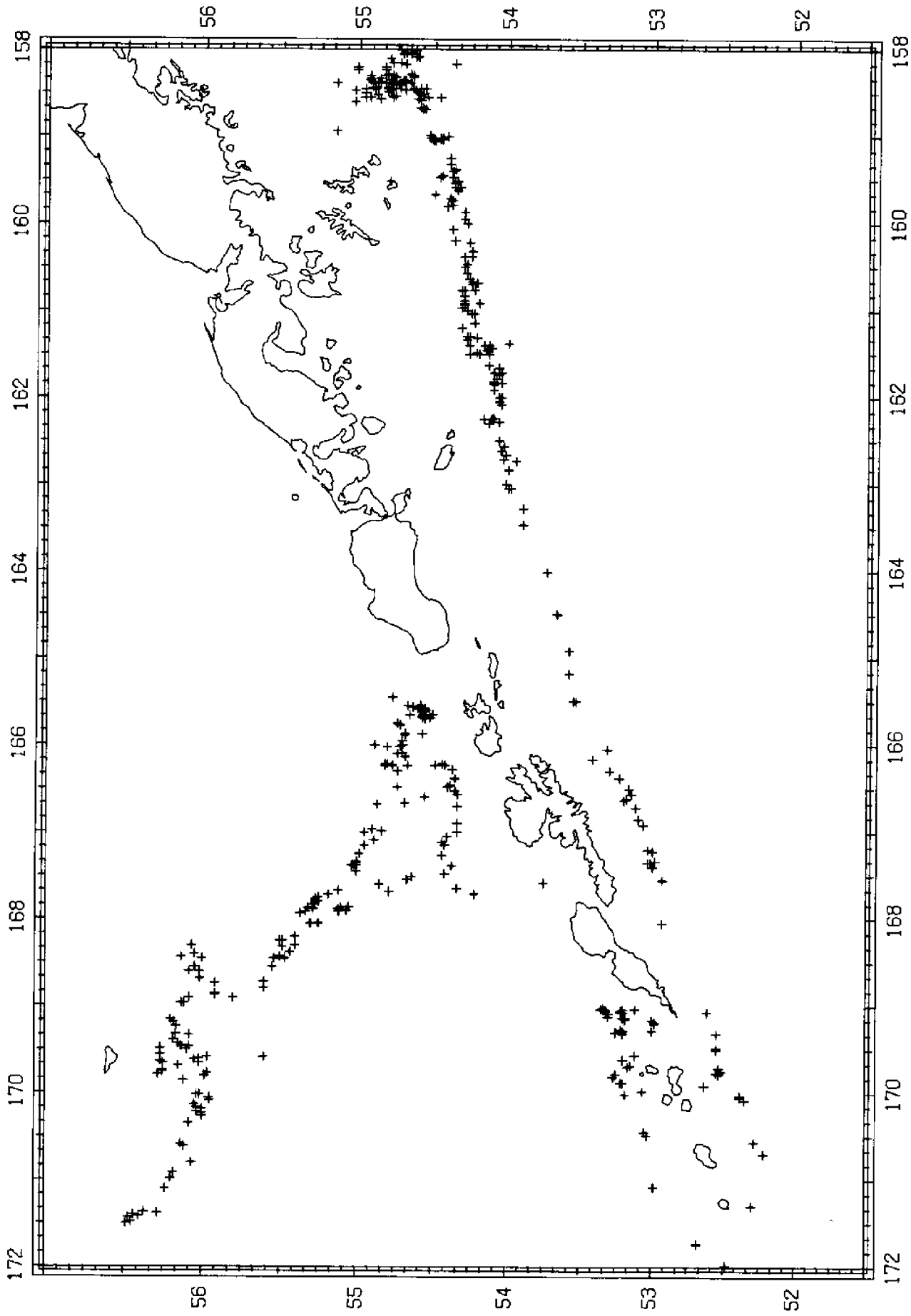


FIGURE B-1. SABLEFISH, ALL MONTHS, 1977-1979

TABLE B-7. PACIFIC COD, JANUARY-MARCH

DATE YYMMDD	LAT	LONG	AFFRAX 7X	LORAN-C 7Y	PULSE PZ	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	MEAN SIZE (LPS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 126	5233N	16945W	17001.8	35107.1	48592.2	88	7.0	11000	27153	2.6694	7.77	248	27500
79 126	5233N	16945W	17058.9	35097.0	48543.4	115	17.0	7560	18176	2.4043	8.27	909	20240
79 3 4	5226N	16609W	17851.0	34831.7	48220.2	98	12.0	17000	38683	2.2743	9.01	1796	40920
79 319	5302N	16720W	17585.1	34559.4	48502.9	109	10.0	10600	23971	2.2195	9.58	138	24200
79 312	5326N	16606W	17856.4	34828.3	48205.2	98	14.0	20000	44132	2.2066	8.41	531	44880
79 311	5326N	16610W	17851.0	34831.7	48220.2	98	14.0	19000	35657	2.6872	8.74	193	40040
79 3 6	5301N	16909W	17278.5	35061.7	48547.1	126	4.0	7000	39925	1.8963	8.26	599	40700
79 123	5233N	16945W	17007.1	35107.1	48595.0	83	7.1	10000	13633	1.8761	8.45	314	14520
79 3 6	5230N	16930W	17043.2	35097.0	48535.1	137	15.0	15960	19412	1.8412	7.77	87	19580
79 119	5233N	16946W	17003.5	35107.7	48598.3	70	7.6	10000	30504	1.8519	8.37	1357	33000
79 128	5233N	16946W	17003.5	35107.7	48598.3	85	7.5	11000	19519	1.8519	9.42	401	18920
79 320	5303N	16715W	17601.9	34951.9	48482.9	104	12.0	13325	26086	1.8260	7.77	324	20460
79 315	5256N	16803W	17445.3	35016.3	48675.1	109	19.0	17100	24102	1.8098	8.89	1079	25520
79 3 8	5257N	16759W	17461.2	35011.3	48659.0	101	18.0	15960	29882	1.7338	8.49	444	30800
79 123	5233N	16946W	17003.5	35107.7	48598.3	89	7.0	11000	27663	1.7333	9.47	837	29480
79 124	5233N	16946W	17003.5	35107.7	48598.3	86	6.1	10000	18972	1.7248	7.77	434	19580
79 127	5232N	16943W	17006.8	35105.9	48585.4	94	7.5	11500	16990	1.6990	7.77	610	17600
79 124	5233N	16944W	17010.6	35106.5	48591.6	85	8.2	14400	19470	1.6930	7.77	418	20020
79 2 7	5443N	16538W	18251.3	34670.3	48199.7	153	16.0	14400	18207	1.6552	7.77	113	19800
79 119	5233N	16946W	17003.5	35107.7	48598.3	74	7.5	11000	23809	1.6534	9.97	0	25740
79 227	5233N	16928W	17065.7	35096.5	48536.4	126	8.1	7560	17913	1.6285	8.65	608	18700
79 125	5233N	16945W	17007.1	35107.1	48595.0	94	8.0	9500	12305	1.6277	7.52	500	12980
79 225	5302N	16720W	17585.1	34959.4	48502.9	109	17.5	15120	14928	1.5714	7.77	195	15400
79 313	5231N	16945W	16996.5	35107.1	48589.4	109	19.0	17100	23511	1.5550	7.36	104	23980
79 315	5301N	16721W	17577.6	34961.1	48504.9	90	19.0	17064	26431	1.5456	7.85	1876	28600
79 227	5233N	16929W	17062.3	35097.1	48539.9	120	10.3	5400	26310	1.5360	7.74	448	27940
78 2 7	5435N	16535W	18219.4	34677.4	48169.0	148	15.5	14400	3643	1.5192	6.56	574	8800
79 321	5303N	16718W	17594.8	34956.1	48496.3	115	11.6	13325	21354	1.4829	7.87	2355	24420
79 316	5301N	16721W	17577.6	34961.1	48504.9	109	20.0	20520	19609	1.4716	8.05	1160	21560
79 327	5300N	16910W	17269.8	35082.5	48547.9	109	12.0	14752	29801	1.4523	7.99	893	32560
79 114	5232N	16946W	16998.3	35107.7	48995.5	96	7.0	11000	20721	1.4046	6.75	629	22000
79 115	5233N	16947W	17000.0	35108.3	49001.7	82	9.0	11000	15325	1.3932	8.47	199	15840
79 118	5233N	16947W	17000.0	35108.3	49001.7	104	7.1	11000	15028	1.3662	8.60	140	15180
79 221	5605N	16920W	18397.6	35065.8	49641.3	115	17.5	15200	14964	1.3604	7.17	200	15180
79 314	5231N	16941W	17010.5	35104.7	48975.8	120	14.5	11400	20354	1.3391	5.70	5057	25960
79 224	5303N	16718W	17594.8	34956.1	48496.3	120	17.3	15120	15072	1.3221	8.30	1868	16940
79 227	5445N	16527W	18271.2	34640.6	48139.5	115	16.5	15960	19475	1.2880	7.73	81	20240
79 125	5234N	16930W	17064.2	35097.8	48946.2	98	7.0	11000	20446	1.2810	8.06	257	20900
79 228	5446N	16529W	18273.4	34643.5	48152.8	115	18.5	15960	13925	1.2659	7.77	590	14520
79 214	5433N	16540W	18204.5	34692.2	48193.9	202	17.2	15120	19671	1.2325	6.86	1175	21120
79 311	5235N	16950W	17065.5	35097.8	48548.9	109	18.5	17100	18423	1.2184	5.15	892	20900
79 314	5302N	16721W	17582.7	34960.7	48507.3	98	17.8	20520	20714	1.2113	8.48	510	22000
79 131	5438N	16534W	18233.7	34669.9	48168.4	170	16.8	15120	24846	1.2108	6.91	916	27060
79 311	5332N	16537W	17533.2	34766.9	48066.8	98	16.1	18900	18124	1.1986	5.21	1349	21340
									22336	1.1818	5.64	1540	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 7 X	LORAN-C 7 Y	RATES 7 Z	DEPTH (FMS)	HOURS SET	NUMBER 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	48123.8	153	17.0	14400	16657	1.1567	9.08	1090	23100
78 2 9	5442N	16600W	18222.4	34723.2	48123.8	153	17.0	14400	16657	1.1567	9.08	1090	23100
78 2 12	5441N	16556W	18222.4	34715.6	48129.3	175	17.0	18480	21372	1.1565	8.08	0	27500
79 3 20	5307N	16902W	17333.4	35075.4	48538.2	137	11.0	15680	18060	1.1518	8.29	618	19360
79 3 25	5433N	16535W	18210.6	34680.8	48165.5	175	17.1	15120	17165	1.1495	5.26	780	19580
79 3 9	5256N	16803W	17445.3	35016.3	48673.1	98	18.5	17100	18477	1.1372	7.86	829	20680
79 3 10	5254N	16803W	17434.9	35016.7	48667.9	98	18.0	17100	18777	1.0981	8.55	1135	20240
79 3 16	5433N	16542W	18202.6	34696.7	48205.3	180	17.2	15120	16477	1.0897	6.00	474	17600
79 3 25	5259N	16913W	17254.7	35085.0	48956.1	137	11.0	15680	17062	1.0882	7.31	2429	20240
79 3 12	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 3 13	5233N	16947W	17000.0	35108.3	49001.7	98	11.0	11000	11806	1.0733	6.60	327	13420
79 2 12	5433N	16537W	18208.3	34685.3	48176.9	175	18.0	15120	16053	1.0617	6.02	739	17380
79 2 12	5441N	16558W	18220.1	34720.2	48110.6	159	17.0	18480	19268	1.0427	7.80	1379	27060
79 1 18	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 2 10	5605N	16928W	18381.3	35079.9	49679.0	104	15.8	15200	15515	1.0207	5.30	2982	20240
78 2 14	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	49629.5	79	17.0	15200	15166	0.9978	5.59	2310	17600
79 1 17	5233N	16937W	17034.9	35102.3	48967.6	86	7.7	10000	9972	0.9972	7.35	148	10120
78 2 15	5441N	16552W	18227.0	34706.4	48276.5	159	18.0	18480	18389	0.9951	9.21	704	23540
79 1 11	5604N	16959W	18256.0	35121.2	49805.5	62	16.0	13860	13663	0.9858	5.71	1216	14960
79 2 17	5433N	16536W	18209.5	34681.0	48171.2	170	18.0	15120	14869	0.9834	4.96	397	16060
79 1 5	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 2 21	5441N	16640W	18166.6	34813.9	48544.2	170	15.5	15120	14752	0.9757	4.89	187	19360
79 1 19	5500N	16721W	18205.4	34879.0	48813.4	153	16.7	13860	13503	0.9742	7.04	1783	17820
75 3 12	5432N	16536W	18205.1	34684.7	48169.5	98	18.0	20520	19888	0.9692	5.34	2254	22440
79 1 18	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	166	17.8	15120	14264	0.9434	5.29	1751	16940
79 1 17	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 3 10	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 1 16	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	34675.9	48170.7	175	17.7	15120	13715	0.9071	5.66	537	15400
79 1 30	5602N	17010W	18247.1	35125.9	49136.5	79	17.5	15200	13782	0.9067	5.79	2817	16720
79 1 31	5605N	17021W	18231.9	35135.7	49086.8	79	17.5	15200	13657	0.8985	5.43	2274	16280
79 3 3	5325N	16610W	17844.4	34823.3	49223.2	109	11.0	15000	13468	0.8978	6.05	6158	23980
79 2 23	5200N	16724W	17565.4	34565.7	48515.8	109	18.0	14400	12865	0.8934	7.04	2894	19360
79 1 10	5516N	16746W	18255.2	34914.6	48991.8	126	16.0	13860	12256	0.8842	5.70	501	13420
79 2 15	5443N	16546W	18242.7	34689.1	48245.9	164	13.3	13520	10156	0.8816	5.24	150	13200
79 1 20	5515N	16748W	18246.7	34920.1	48599.6	153	18.0	13860	12074	0.8711	6.83	949	14300
79 2 5	5606N	16930W	18384.0	35082.9	49692.3	131	15.5	15200	13156	0.8681	5.63	4680	22660
78 2 13	5440N	16614W	18156.1	34758.0	48398.5	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	LAT	LONG	APPROX LORAN-C PULSE RATES	DEPTH	HOURS	NUMBER OF	TARGET	TARGET	TARGET	DISCARDS	TOTAL
YYMMDD	****	*****	7X	(FMS)	SFT	HOOKS SET	CATCH (LBS)	CATCH PER HOOK (LBS)	MEAN SIZE (LBS/FISH)	(LBS)	(LBS)
79 20	5603N	17012W	18247.5	74.	14.3	13680.	11451.	0.8371	4.31	1949.	13420.
79 21	5603N	17008W	18261.0	78.	13.2	13680.	11429.	0.8155	5.59	1185.	12760.
79 22	5603N	16541W	18263.7	175.	17.7	15120.	12480.	0.9254	4.91	210.	13420.
79 23	5603N	16718W	17594.8	98.	13.1	15600.	12611.	0.8094	7.26	909.	13860.
79 24	5602N	16723W	18213.1	126.	17.0	13860.	11129.	0.8029	5.75	3360.	16540.
79 25	5634N	16541W	18258.2	186.	18.0	15120.	11862.	0.7645	6.33	777.	13420.
79 26	5601N	17001W	18268.0	77.	16.5	15200.	11863.	0.7673	5.43	3293.	14960.
79 27	5444N	16545W	18268.2	153.	16.8	15120.	11935.	0.7642	5.21	1002.	13200.
79 28	5517N	16750W	18254.8	148.	15.7	13860.	10475.	0.7558	5.72	1340.	13640.
79 29	5424N	15943W	18425.6	98.	16.3	13960.	10347.	0.7465	6.30	170.	10560.
79 30	5530N	16815W	18290.5	98.	16.1	13860.	10340.	0.7460	5.86	871.	11880.
79 31	5501N	16723W	18207.6	131.	16.7	13860.	10267.	0.7499	6.54	1585.	13640.
79 32	5434N	16537W	18212.8	175.	17.2	15120.	11190.	0.7401	5.44	990.	13200.
79 33	5500N	16723W	18202.5	142.	17.4	13860.	10199.	0.7358	6.04	1067.	12760.
79 34	5434N	16539W	18210.5	180.	17.1	15120.	11046.	0.7306	5.80	692.	12100.
79 35	5433N	16639W	18132.6	191.	16.4	14040.	10252.	0.7302	4.54	237.	11440.
79 36	5435N	16533W	18221.6	120.	16.8	15120.	11030.	0.7295	5.27	928.	12760.
79 37	5432N	15901W	18461.4	120.	17.5	13860.	10069.	0.7265	5.25	18.	10560.
79 38	5434N	16536W	18213.9	170.	16.5	15120.	10959.	0.7248	5.38	674.	12320.
79 39	5604N	17017W	18238.5	78.	16.5	15200.	10947.	0.7202	5.59	1730.	12760.
79 40	5444N	16649W	18168.9	137.	15.5	13860.	9973.	0.7195	6.45	1220.	12980.
79 41	5602N	16954W	18295.8	126.	20.0	18480.	13212.	0.7149	4.80	1940.	16060.
79 42	5433N	16536W	18205.5	92.	12.0	11400.	8066.	0.7075	5.61	2623.	10780.
79 43	5434N	16535W	18215.0	180.	16.3	15120.	10674.	0.7060	5.27	426.	11660.
79 44	5445N	16600W	18236.1	164.	17.5	15120.	10652.	0.7045	4.62	790.	12760.
79 45	5529N	16819W	18278.2	120.	18.0	18480.	12997.	0.7033	6.87	2346.	22440.
79 46	5431N	15903W	18458.4	142.	16.3	13860.	9707.	0.7004	5.49	1612.	12100.
79 47	5440N	16533W	18243.5	93.	17.0	13960.	9412.	0.6991	5.68	178.	9680.
79 48	5529N	16815W	18264.7	164.	17.0	15120.	10926.	0.6931	6.32	429.	11000.
79 49	5445N	16543W	18254.7	126.	16.4	13860.	9141.	0.6595	5.13	1361.	11880.
79 50	5459N	16715W	18208.9	126.	18.0	18480.	11989.	0.6488	4.94	1013.	13860.
79 51	5437N	16527W	18236.8	131.	18.3	13860.	8569.	0.6183	6.73	1765.	11880.
79 52	5446N	16531W	18271.5	82.	14.0	21840.	13259.	0.6076	4.28	1179.	14520.
79 53	5602N	17013W	18237.2	96.	13.0	17640.	10187.	0.5775	6.03	1432.	12320.
79 54	5233N	16946W	17001.5	78.	13.0	13680.	7713.	0.5632	5.65	2045.	11000.
79 55	5441N	16553W	18225.9	74.	10.0	11000.	6084.	0.5531	7.77	76.	6160.
79 56	5449N	16522W	18292.9	175.	19.0	18480.	9322.	0.5374	7.07	326.	16940.
79 57	5609N	16926W	18411.0	82.	15.0	21840.	11643.	0.5331	5.19	839.	12540.
79 58	5404N	16203W	18290.9	227.	17.5	15200.	7979.	0.5249	6.20	4367.	20460.
79 59	5516N	16747W	18253.7	98.	15.0	20000.	10480.	0.5240	7.45	1258.	13860.
79 60	5247N	16927W	17143.6	120.	16.7	13860.	7171.	0.5174	4.87	1233.	9020.
79 61	5602N	16938W	18337.6	109.	5.0	4320.	2224.	0.5149	5.65	1076.	3300.
79 62	16955W	17055W	16996.2	98.	11.0	16380.	8431.	0.5147	3.97	1594.	11660.
79 63	5238N	16955W	16996.2	126.	6.5	10000.	5033.	0.5083	6.97	388.	5720.
79 64	5611N	17055W	18137.9	113.	6.0	10000.	4639.	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 YMMDD	LAT	LONG	APPROX 7X	LORAN-C 7Y	PULSE 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	5613N	16951W	18384.2	35112.1	49814.3	78.	12.0	20000.	9596.	0.4798	6.75	1041.	11000.
78 2 23	5444N	16606W	18224.5	34733.7	48361.7	131.	18.0	16480.	8611.	0.4768	6.26	2711.	14080.
79 3 25	5448N	16524W	18286.8	34627.6	48126.7	82.	14.2	21840.	10012.	0.4584	3.04	2199.	12320.
78 3 31	5432N	16537W	18203.9	34687.0	48175.2	101.	19.7	20580.	9181.	0.4461	4.95	1230.	11000.
78 2 22	5441N	16608W	18208.2	34743.0	48367.0	175.	18.0	18480.	7985.	0.4321	6.48	813.	12540.
78 3 28	5449N	16614W	18238.4	34744.1	48416.9	93.	17.1	20580.	8701.	0.4228	3.72	1813.	11000.
79 2 15	5520N	16755W	18264.1	34929.7	49051.5	139.	15.0	15200.	5304.	0.3490	3.70	3029.	13420.
78 3 22	5449N	16613W	18239.6	34741.8	48411.3	90.	17.0	20580.	6613.	0.3213	3.98	1897.	9020.
79 1 17	5301N	16726W	17565.6	34566.0	46527.1	102.	14.0	20000.	6313.	0.3157	6.91	783.	10120.
78 3 24	5447N	16550W	18256.1	34591.4	48276.1	85.	16.1	20580.	5803.	0.2819	3.88	2551.	8580.
78 3 25	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 3 25	5451N	16548W	18276.0	34679.5	48271.7	90.	17.2	20580.	4453.	0.2164	3.87	2725.	7260.
78 3 23	5448N	16613W	18234.5	34743.4	48409.3	82.	18.2	20580.	4379.	0.2128	3.67	2860.	7920.
78 3 27	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.	27.5	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 17	5223N	17002W	17126.2	35115.6	49132.7	273.	15.0	11988.	674.	0.0720	8.27	7270.	16280.
79 3 17	5223N	17002W	16893.8	35115.9	49023.5	383.	18.0	17100.	627.	0.0367	3.61	6174.	9900.
78 3 21	5446N	16614W	18224.3	34748.9	48410.9	101.	16.5	20580.	449.	0.0218	3.71	280.	5940.
79 3 18	5259N	16720W	17569.9	34980.6	48495.7	492.	22.7	18900.	55.	0.0029	6.53	2000.	29260.
79 3 26	5300N	16917W	17247.3	35088.1	48573.7	410.	19.0	16960.	25.	0.0015	7.04	1537.	8800.
79 3 22	5557N	17005W	18226.3	35128.1	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***

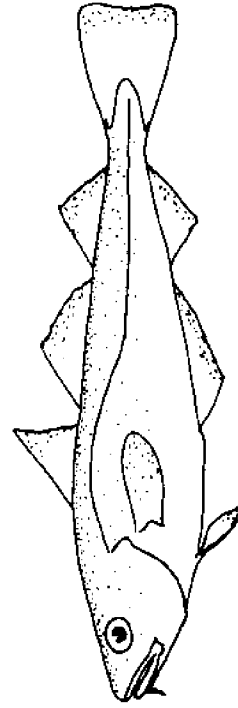


TABLE B-8. PACIFIC COD, APRIL-JUNE

DATE YYMMDD	LAT	LONG	APPROX LORAN-C 7X	7Y	PULSE 7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HQKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
78 6 10	5435N	15844W	18474.2	33723.1	45701.1	93.	13.0	20500.	71063.	3.4655	7.37	0.	74580.
78 6 9	5426N	15922W	18444.0	33226.9	45935.1	53.	12.0	21000.	70245.	3.3450	5.27	121.	70840.
78 6 11	5426N	15956W	18424.7	33907.7	46139.8	88.	11.0	20000.	53962.	2.6981	4.54	1013.	55220.
78 6 12	5428N	15928W	18441.6	33840.0	45970.8	93.	11.0	20000.	52552.	2.6276	5.41	0.	52800.
79 6 11	5435N	16630W	18295.9	34968.8	49282.1	137.	16.0	20720.	36429.	1.7582	5.97	1193.	38940.
79 6 18	5457N	16709W	18267.0	34856.6	48746.7	115.	16.0	20720.	28154.	1.3588	6.76	875.	31460.
79 6 1	5458N	16911W	17255.7	35083.4	48445.8	126.	11.0	12000.	15301.	1.2751	7.30	1967.	16920.
79 5 22	5417N	16753W	18250.2	34928.6	49032.0	164.	9.1	10360.	10577.	1.0209	6.69	1776.	26760.
79 6 17	5457N	16760W	18219.5	34836.8	48691.6	115.	15.1	20720.	20478.	0.9833	5.83	1345.	23320.
79 6 5	5423N	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	5430N	16815W	18290.5	34962.1	45187.9	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 5 30	5500N	16720W	18206.9	34876.9	48808.0	159.	14.5	20720.	14358.	0.6949	5.81	1356.	17820.
79 5 22	5617N	16947W	18423.4	35106.1	49515.3	98.	13.0	16300.	11081.	0.6596	5.10	4868.	17160.
79 5 22	5522N	16756W	18273.8	34929.6	49062.8	109.	16.1	20720.	13615.	0.6571	5.45	2598.	16500.
79 6 12	5437N	15830W	18483.4	33686.9	45615.4	98.	14.0	19200.	12485.	0.6502	5.36	1766.	15180.
79 4 8	5618N	16930W	18466.8	33977.4	49741.9	109.	12.5	16200.	10438.	0.6443	5.35	4420.	15180.
79 5 31	5454N	16558W	18207.0	34836.3	48673.3	148.	14.4	20720.	13285.	0.6412	5.59	1876.	16280.
78 6 1	5400N	16300W	18232.9	34390.2	47233.8	350.	18.5	20160.	9741.	0.4832	10.31	1687.	13640.
79 4 12	5444N	16181W	18210.0	34761.0	48429.2	98.	12.0	19330.	8750.	0.4777	4.80	756.	12760.
79 5 25	5459N	16911W	17261.1	35083.4	48548.7	328.	16.0	19200.	8435.	0.4393	8.45	1101.	12320.
78 4 3	5444N	16522W	18271.9	34630.6	48108.8	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 4 12	5515N	16745W	18251.2	34913.6	48583.5	260.	15.5	18500.	6629.	0.3583	4.19	4759.	13860.
78 4 6	5448N	16525W	18263.9	34630.0	48132.6	90.	19.3	20580.	7236.	0.3516	6.08	964.	8360.
78 4 5	5445N	16524W	18274.1	34633.4	48122.0	98.	15.3	20580.	6748.	0.3279	5.01	466.	7260.
78 4 10	5446N	16524W	18278.4	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	34682.2	48243.7	101.	17.3	20580.	5783.	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 4 11	5448N	16536W	18275.1	34656.4	48196.8	104.	16.5	20580.	5099.	0.2478	4.85	615.	5940.
79 6 7	5310N	16942W	17215.5	35105.8	49092.8	246.	16.0	16800.	3047.	0.1814	5.64	3232.	10780.
79 4 5	5431N	16536W	18200.6	34686.4	48167.8	88.	13.6	21840.	3104.	0.1421	3.94	470.	3740.
78 4 16	5254N	16317W	18190.4	34440.5	47328.1	328.	17.5	22260.	124.	0.0056	11.88	6492.	15400.
79 4 13	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 (continued). PACIFIC COD, JULY-SEPTEMBER

DATE YYPDD	LAT	LONG	APPROX LORAN-C 7X	7Y	7Z	PULSE RATES	DEPth (FMS)	FOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET HOOK (LBS)	TARGET CATCH PER HOOK (LBS)	MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 917	5450N	16659W	18125.1	34847.6	48269.0	153.	16.2	19950.	17402.	0.8723	7.51	1850.	33660.		
79 924	5453N	15822W	18518.5	33617.4	45544.3	98.	15.9	19950.	16733.	0.8387	8.83	481.	18040.		
78 827	5617N	16941W	18437.2	35097.1	49789.9	170.	16.1	20000.	16658.	0.8149	6.66	698.	17620.		
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	35093.3	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	5423N	16539W	18206.0	34689.9	48169.3	175.	17.5	20000.	15835.	0.7916	6.79	618.	17160.		
78 628	5606N	16929W	18386.1	35081.2	45687.7	164.	16.3	20000.	15761.	0.7880	5.12	1237.	17820.		
79 920	5423N	16833W	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	16066W	18513.3	33600.3	45458.5	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 5	5418N	16050W	18377.5	34051.4	46467.6	71.	17.0	19200.	13920.	0.7250	6.25	714.	15620.		
78 9 3	5419N	16059W	18375.9	34066.7	46514.9	88.	17.0	19200.	13902.	0.7241	6.60	771.	15400.		
78 9 5	5418N	16035W	18374.6	34062.7	46497.4	60.	18.0	19200.	13856.	0.7217	5.72	523.	14960.		
78 826	5601N	16936W	18335.4	35093.7	45698.2	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.		
78 915	5417N	16034W	18383.3	34018.2	46372.7	92.	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.	0.6828	6.34	2669.	16720.		
78 9 7	5417N	16118W	18359.1	34117.5	46635.1	71.	16.5	19200.	12814.	0.6684	5.72	925.	18520.		
78 9 8	5419N	16112W	18368.2	34096.5	46598.7	77.	17.0	17280.	11386.	0.6589	5.72	868.	12760.		
78 9 8	5607N	16931W	18340.5	35112.6	49787.5	104.	15.0	17220.	11307.	0.6566	4.65	1789.	13420.		
78 723	5420N	15940W	18441.3	33660.3	46540.6	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.	12985.	0.6431	7.04	2129.	16280.		
78 711	5428N	15928W	18441.6	33940.0	45970.8	104.	15.4	23200.	14413.	0.6213	6.18	44.	14860.		
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	16250W	18296.2	34243.3	46184.9	98.	18.0	19200.	11582.	0.6032	8.30	858.	12540.		
79 920	5437N	15830W	18483.4	35886.9	45615.4	109.	11.6	18800.	10001.	0.5953	7.34	934.	16940.		
78 724	5440N	16614W	18196.1	34758.0	46396.6	164.	16.6	20000.	11617.	0.5903	6.18	1036.	13200.		
79 827	5455N	16222W	18522.4	33610.6	45541.4	98.	16.7	19950.	11568.	0.5798	8.42	260.	12320.		
78 8 5	5600N	16830W	18444.0	34561.3	49363.3	153.	16.2	20000.	11083.	0.5541	5.58	287.	11440.		
78 812	5516N	16749W	18259.7	34521.1	49007.8	197.	18.2	20000.	11003.	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	5420N	16539W	18192.7	34694.0	48183.0	159.	16.5	20000.	10482.	0.5241	6.37	1244.	11880.		
78 710	5402N	16302W	18238.2	34390.5	47466.5	82.	16.3	23200.	11753.	0.5083	6.33	352.	12760.		
78 710	5428N	15930W	18440.7	33844.4	45662.8	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.	6847.	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	49409.0	164.	18.0	20000.	882.	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

GATE YMPDD	LAT	LONG	APPROX 7X	LORAN-C 7Y	RATES 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	35006.3	49433.1	153.	17.0	20000.	8817.	0.4402	6.45	2708.	12320.
78 8 18	5507N	16739W	18216.2	34909.6	48526.7	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.	8860.
78 8 6	5602N	16823W	18463.6	34940.8	49230.2	153.	16.0	20000.	8225.	0.4112	5.53	400.	8800.
78 8 22	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.	0.3562	6.43	585.	8580.
78 7 14	5429N	15925W	18445.1	33830.4	45951.9	73.	15.4	23200.	8070.	0.3478	5.17	950.	9240.
78 8 7	5613N	16918W	18454.8	35056.8	49662.9	142.	16.9	20000.	6956.	0.3478	6.15	1317.	9020.
78 8 15	5442N	16605W	18216.3	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 8 24	5609N	16829W	18496.1	34945.0	49384.7	164.	16.3	20000.	1535.	0.0767	6.35	354.	1980.
79 8 18	5444N	15800W	18507.3	33501.0	45427.6	109.	13.0	17640.	1159.	0.0657	5.66	6161.	11880.
79 9 14	5237N	16904W	17165.8	35078.7	48661.2	355.	16.5	19950.	17.	0.0019	7.26	27125.	31020.
79 7 17	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***

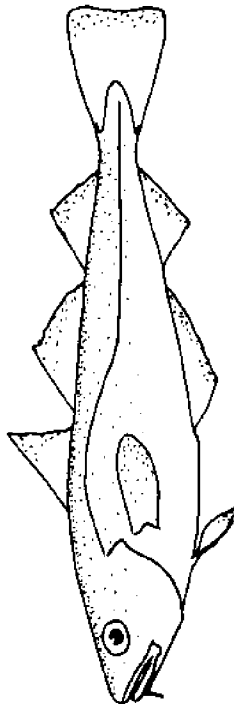


TABLE B-10. PACIFIC COD, OCTOBER-DECEMBER

DATE YYMMDD	LAT	LONG	APPROX 7X	LCRAN-C 7Y	PULSE 7Z	DEPTH (FMS)	HOURS SFT	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	18506.2	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.
78117	5450N	15828W	18510.7	33640.2	45584.8	98.	18.0	14000.	42983.	3.0702	6.310	547.	44000.
78114	5450N	15823W	18512.2	33629.6	45554.8	96.	19.0	14000.	39937.	2.8527	6.318	282.	40920.
78112	5452N	15834W	18526.4	33626.8	45620.5	82.	16.0	14000.	35798.	2.5570	6.809	62.	35860.
79126	5440N	15823W	18491.9	33662.4	45569.6	120.	12.0	15200.	38751.	2.5494	7.57	955.	41800.
78111	5447N	15823W	18500.2	33639.5	45559.2	101.	16.0	15120.	37744.	2.4963	6.90	881.	39160.
78111	5452N	15836W	18532.3	33616.5	45616.5	58.	16.0	14000.	33500.	2.3929	6.20	516.	37400.
781031	5455N	15826W	18521.3	33619.1	45565.5	98.	17.0	14000.	32825.	2.3746	5.90	932.	37180.
791225	5439N	15818W	18491.5	33655.1	45541.0	115.	13.0	16000.	36813.	2.3008	6.01	581.	38060.
781015	5453N	15831W	18515.5	33636.5	45598.5	53.	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	16022W	18396.4	34004.8	46237.0	88.	17.0	14000.	29809.	2.1292	4.88	2712.	34540.
78119	5447N	15826W	18505.3	33645.9	45577.1	88.	16.0	14040.	29654.	2.3149	8.29	419.	30140.
781017	5445N	15824W	18501.8	33648.3	45568.3	104.	17.0	14400.	29848.	2.0727	8.25	600.	31680.
78111	5452N	15820W	18517.1	33616.5	45533.8	104.	16.0	15200.	30735.	2.0220	5.93	446.	31680.
791025	5444N	15800W	18507.3	33601.0	45427.6	93.	13.8	18800.	37991.	2.0208	5.98	1380.	40700.
78124	5609N	16941W	18380.2	35099.2	49754.3	115.	13.0	7600.	15374.	2.0176	7.25	982.	16720.
781016	5435N	15840W	18475.6	33714.6	45677.4	104.	16.5	14400.	28099.	1.9513	7.70	632.	29700.
781130	5456N	15818W	18525.5	33598.7	45515.8	96.	16.0	15200.	29137.	1.9169	6.33	120.	29480.
781115	5448N	15819W	18505.4	33634.4	45536.9	90.	17.0	15120.	28744.	1.9010	7.04	375.	30140.
791226	5450N	15814W	18514.5	33610.5	45500.9	120.	11.0	16000.	30276.	1.8522	4.49	762.	31900.
781021	5448N	15827W	18509.0	33641.4	45580.2	104.	16.5	14400.	27089.	1.8812	6.40	891.	29040.
781020	5443N	15826W	18505.3	33639.3	45574.2	109.	15.0	14400.	25593.	1.7773	6.82	639.	27500.
781022	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	2464.	29480.
781020	5406N	16151W	18305.6	34226.5	46831.9	58.	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	284.	25960.
781013	5443N	15822W	18498.4	33650.6	45559.2	109.	17.0	14400.	24885.	1.7281	7.26	824.	25960.
79125	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.	24516.	1.6216	6.30	1049.	27500.
78113	5458N	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	45565.9	104.	16.5	15200.	24388.	1.6045	6.90	114.	24640.
78114	5459N	15813W	18532.7	33377.8	45481.1	88.	4.0	4800.	7685.	1.6010	6.461	9.	7700.
79106	5452N	15828W	18534.4	33595.3	45567.6	109.	16.0	15200.	24071.	1.5836	6.12	303.	25520.
781110	5424N	15807W	18501.1	33622.2	45472.1	101.	16.0	15200.	23917.	1.5735	6.26	669.	25300.
781030	5435N	15834W	18477.8	33703.8	45641.9	98.	17.0	14000.	21811.	1.5580	7.19	57.	22000.
781027	5452N	15834W	18513.0	33646.3	45618.0	82.	16.5	14400.	22067.	1.5324	5.39	205.	22880.
78112	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	6.80	365.	24200.
781026	5450N	15831W	18505.8	33646.6	45602.8	93.	16.0	14400.	21588.	1.4592	7.04	717.	22880.
79123	5436N	15940W	18477.8	34711.4	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	18376.0	34040.6	46132.2	93.	18.0	14000.	20272.	1.4480	6.72	624.	22440.

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

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

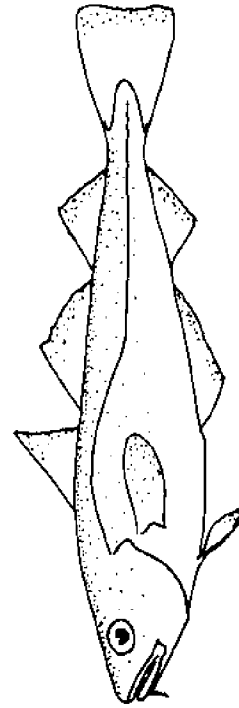
DATE YYMMDD	LAT	LONG	AFFX	LCRAN-C	PULSE	RATES	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
78110	5457N	15819W	18527.2	33597.4	45520.3	90.	17.0	15120.	21861.	1.4472	6.34	520.	24420.	
79127	5450N	15818W	18513.7	33619.0	45524.8	109.	13.0	16000.	22971.	1.4357	6.47	620.	24200.	
78110	5447N	15822W	18506.5	33637.4	45553.2	104.	15.0	19600.	27772.	1.4169	9.00	581.	31900.	
78102	5446N	16124W	18352.7	34132.8	46611.1	104.	16.0	19200.	27962.	1.4095	8.04	1305.	29700.	
7912 4	5423N	15944W	18422.7	33890.0	46070.8	109.	12.0	15200.	21278.	1.3959	7.69	321.	21760.	
7812 7	5603N	16937W	18347.1	35094.7	49711.1	118.	17.3	15200.	21049.	1.3848	6.92	1518.	23540.	
78116	5447N	15809W	18510.5	33610.0	45475.9	104.	17.0	15200.	20282.	1.3673	6.04	102.	21120.	
78112	5455N	15823W	18522.1	33612.7	45475.9	104.	16.1	15200.	20557.	1.3590	5.28	338.	21340.	
7911 7	5603N	16824W	18468.1	34941.8	49338.8	139.	9.5	11750.	19918.	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.	
78112	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	45797.2	118.	17.0	15200.	19785.	1.3004	7.21	2158.	23100.	
79110	5454N	15826W	18519.3	33622.5	45567.0	98.	15.5	20000.	25944.	1.2972	5.55	841.	27720.	
78103	5423N	15947W	18421.4	33896.6	46088.7	107.	15.0	20160.	25776.	1.2786	8.69	776.	29040.	
7812 8	5604N	16937W	18354.2	35094.5	49715.3	118.	17.0	15200.	19275.	1.2681	5.91	915.	20680.	
7812 5	5604N	16939W	18345.4	35097.4	49724.1	118.	17.3	15200.	19071.	1.2547	6.64	887.	21120.	
7812 5	5615N	16944W	18416.1	35102.2	45793.5	118.	17.0	15200.	18663.	1.2239	6.77	1736.	20680.	
7811 4	5451N	15809W	18518.3	33596.6	45469.5	82.	13.0	19200.	22782.	1.1866	6.00	305.	23100.	
7812 2	5601N	16939W	18328.1	35096.0	49711.2	105.	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.	22258.	1.1608	4.88	775.	23540.	
781130	5615N	16941W	18423.0	35097.6	45780.3	109.	17.0	15200.	17634.	1.1601	6.74	846.	18480.	
7911 5	5446N	15823W	18504.2	33642.9	45560.7	104.	14.0	19600.	22577.	1.1519	5.81	477.	24420.	
781128	5605N	16926W	18361.2	35095.9	45679.0	104.	14.0	15200.	17480.	1.1507	6.53	1685.	19360.	
78118	5443N	15821W	18496.7	33648.5	45553.3	123.	15.0	15120.	17177.	1.1360	7.31	269.	18260.	
781027	5413N	16125W	18340.9	34153.0	46701.3	104.	15.0	19200.	21476.	1.1185	6.23	2382.	23980.	
7911 4	5501N	15814W	18530.2	33573.0	45484.1	88.	14.0	19600.	21511.	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	35092.7	45698.2	107.	17.5	15200.	15834.	1.0417	6.79	1628.	17600.	
781014	5424N	15948W	18423.4	33895.9	46093.0	93.	14.0	19200.	19559.	1.0203	7.30	250.	22000.	
7811 8	5456N	15833W	18521.3	32630.7	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	19800.	18768.	0.9594	8.27	1870.	21340.	
781027	5412N	16130W	18337.3	34157.9	46707.4	82.	11.0	14400.	14203.	0.9867	5.41	1673.	16060.	
7911 9	5458N	15827W	18526.9	33511.0	45567.2	104.	15.0	20000.	15569.	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	18306.5	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.	0.9500	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.	18761.	0.9361	5.05	2036.	22880.	
7911 6	5424N	15828W	18494.4	33666.6	45596.3	98.	15.0	19600.	18235.	0.9304	6.33	334.	19140.	
781030	5406N	16150W	18306.2	34218.2	46824.0	79.	14.0	19200.	17756.	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	49264.7	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 YMPDC	LAT	LONG	APPROX 7X	LCRAN-C 7Y	PULSE 7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET HOOK (LBS)	TARGET CATCH PER HOOK (LBS)	MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
7911 3	5604N	16813W	18475.9	34921.6	49307.4	112.	13.8	18800.	16121.	0.8575	5.62	1871.	18920.	
781015	5410N	15215W	18301.4	34265.4	46574.0	98.	14.0	19200.	16259.	0.8458	6.50	1713.	21340.	
791117	5417N	16126W	18357.9	34121.1	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	5535N	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.	6.0	9600.	7465.	0.7776	6.64	1291.	8800.	
781127	5422N	15810W	18458.9	33691.7	45321.7	56.	14.0	12600.	9681.	0.7683	4.98	1583.	11660.	
791111	5626N	17124W	18053.9	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	50.	15.0	19200.	14519.	0.7562	5.08	140.	14740.	
781128	5415N	16130W	18345.1	34147.5	46706.9	96.	14.0	12600.	9375.	0.7441	4.52	1702.	11220.	
791114	5615N	17111W	18065.4	35117.2	50050.0	178.	15.1	18800.	13633.	0.7358	6.68	541.	14520.	
7911 2	5616N	16929W	18455.0	35076.6	49728.9	109.	13.6	18800.	13757.	0.7339	4.59	1882.	16280.	
7811 1	5509N	15823W	18545.0	33564.0	45327.1	93.	14.0	19200.	14011.	0.7297	6.50	471.	14520.	
781031	5406N	16145W	18306.9	34216.0	46820.2	82.	14.0	18240.	12659.	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	5632N	17122W	18079.1	35097.7	50091.5	126.	14.0	17390.	11318.	0.6509	7.58	1447.	13420.	
7911 2	5555N	16852W	18382.5	35017.2	49464.2	120.	15.6	18800.	11359.	0.6042	8.15	630.	12540.	
791113	5628N	17126W	18095.3	35081.8	50115.7	131.	14.5	18800.	11137.	0.5924	6.92	520.	11880.	
7910 7	5431N	15901W	18453.2	33772.2	45607.2	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.	3951.	0.4969	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	15602W	18498.7	33616.3	45445.9	328.	17.0	15120.	10.	0.0007	1.76	15883.	22880.	

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



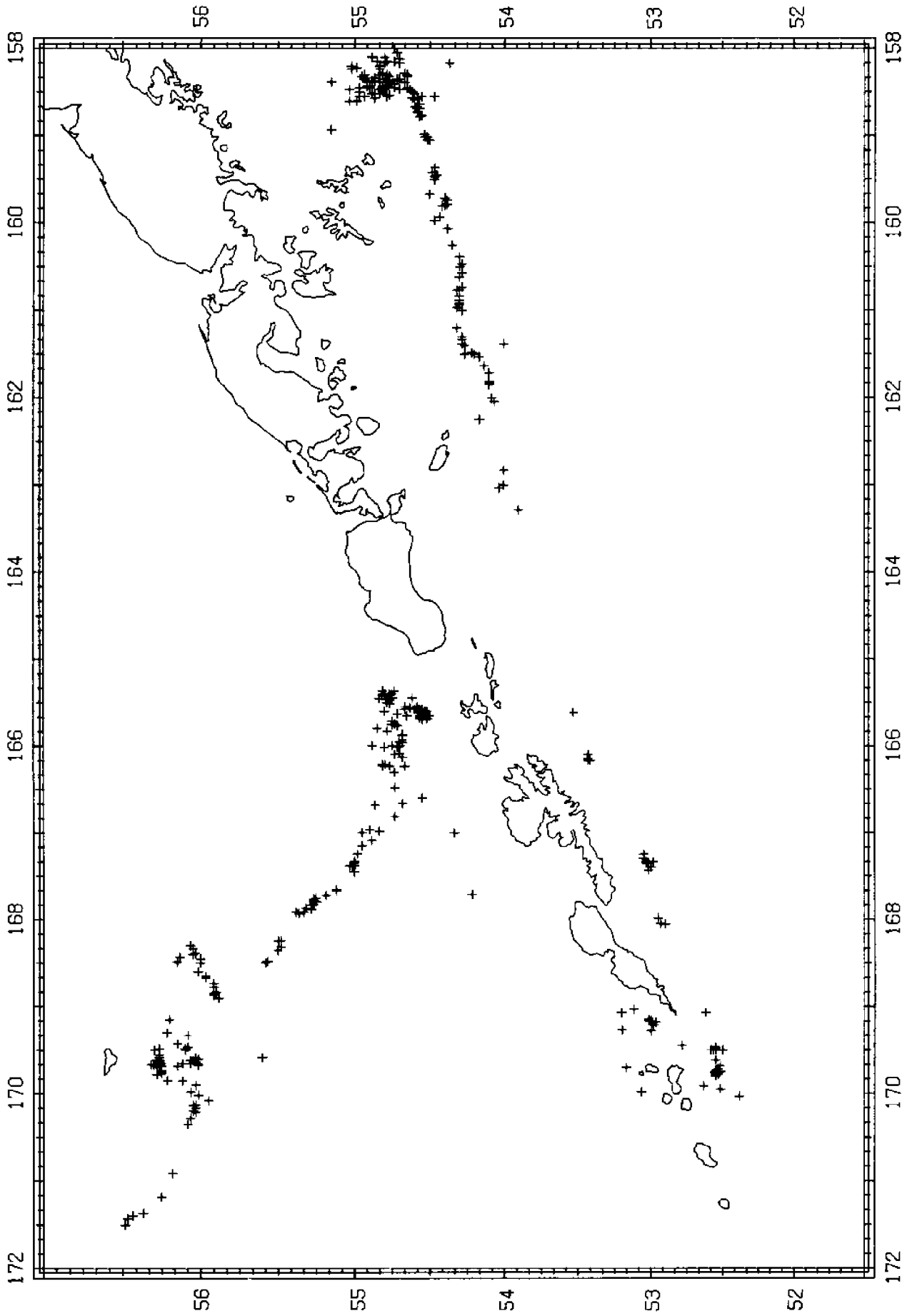


FIGURE B-2. PACIFIC COD, ALL MONTHS, 1977-1979

TABLE B-11. PACIFIC HALIBUT, JANUARY-MARCH

DATE YYMMDD	LAT	LONG	APPROX 7X	LORAN-C 7Y	PULSE 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 6	5444N	16629W	18196.1	34785.7	48490.5	142.	16.0	14400.	5835.	0.4052	12.55	2113.	11440.
78 2 6	5443N	16601W	18225.8	34723.2	48331.4	153.	17.0	15120.	4768.	0.3153	10.06	3891.	24640.
78 2 11	5445N	16600W	18236.1	34718.2	48129.6	120.	13.0	18480.	5653.	0.3059	10.80	2346.	22440.
78 2 13	5440N	16614W	18196.1	34756.0	48398.6	175.	16.0	18480.	5561.	0.3009	11.84	275.	22880.
78 2 12	5441N	16598W	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	48123.8	153.	17.0	14400.	4152.	0.2883	12.42	1690.	23100.
79 2 15	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.	3754.	0.2477	12.59	4680.	22660.
78 2 21	5446N	16614W	18224.3	34748.9	48410.9	101.	16.5	20580.	5094.	0.2475	5.84	230.	5940.
78 2 14	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	34334.3	40224.2	109.	11.0	15000.	3324.	0.2216	4.23	6158.	23580.
78 2 12	5441N	16556W	18222.4	34715.6	48299.3	175.	17.0	18480.	3780.	0.2045	12.24	0.	27580.
79 2 8	5609N	16926W	18413.0	35074.7	49686.0	227.	17.5	15200.	3074.	0.2023	6.52	4387.	20460.
79 125	5502N	16723W	18213.1	34861.0	48282.4	126.	17.0	13860.	2109.	0.1522	7.15	3360.	16940.
79 119	5500N	16721W	18205.4	34879.0	48113.4	153.	16.7	13860.	2105.	0.1519	6.92	1783.	17820.
79 127	5501N	16723W	18207.8	34882.1	48226.8	131.	16.7	13860.	1625.	0.1172	8.22	1585.	13640.
79 2 21	5441N	16640W	18166.6	34813.9	48544.2	170.	15.5	15120.	1782.	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 2 22	5441N	16608W	18208.2	34742.0	48267.0	175.	18.0	18480.	2060.	0.1115	6.06	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	18215.0	35132.2	49241.2	355.	18.0	15200.	1568.	0.1032	14.33	41619.	52800.
78 2 15	5441N	16552W	18227.0	34706.4	48276.5	159.	19.0	18480.	1830.	0.0990	9.78	326.	23540.
78 2 16	5441N	16553W	18223.9	34708.7	48282.2	175.	19.0	18480.	1787.	0.0967	8.75	326.	16940.
79 2 10	5605N	16928W	18381.3	35079.9	49679.2	104.	15.8	15200.	1460.	0.0960	7.05	2982.	20240.
79 2 14	5433N	16540W	18204.9	34692.2	48193.9	202.	17.2	15120.	1416.	0.0937	6.20	892.	20900.
79 2 22	5233N	16930W	17053.9	35097.8	48543.4	115.	17.0	7560.	696.	0.0920	7.60	909.	20240.
79 3 22	5602N	16938W	18337.0	35096.4	49111.2	98.	11.0	16380.	1451.	0.0886	4.64	1594.	11660.
79 1 11	5438N	16534W	18233.7	34669.9	48168.4	170.	16.6	15120.	1249.	0.0826	7.43	1749.	21340.
78 2 23	5444N	16606W	18224.5	34733.7	48161.7	131.	18.0	18480.	1519.	0.0822	11.95	2711.	14080.
79 2 5	5602N	17013W	18237.2	35131.7	49840.9	78.	13.0	13680.	1121.	0.0819	7.37	2045.	11000.
79 2 15	5433N	16555W	18210.6	34680.8	48155.5	175.	17.1	15120.	1210.	0.0800	5.81	700.	19580.
79 1 16	5529N	16815W	18284.7	34963.1	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	13960.	1050.	0.0758	7.24	1220.	12980.
79 1 24	5500N	16723W	18202.5	34883.3	48324.1	142.	17.4	13860.	1034.	0.0746	7.28	1067.	12760.
79 2 19	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	48335.1	137.	18.0	15960.	1104.	0.0694	6.40	1357.	33000.
79 1 20	5515N	16748W	18246.7	34920.1	48599.6	153.	18.0	13860.	932.	0.0672	6.33	949.	14300.
79 1 18	5516N	16748W	18252.2	34919.0	49002.5	142.	15.4	13060.	885.	0.0638	6.64	1061.	16500.
79 1 7	5301N	16726W	17565.6	34568.0	48527.1	102.	14.0	20000.	1265.	0.0633	9.94	783.	10120.
79 2 20	5433N	16636W	18132.6	34815.5	48504.2	131.	16.4	14040.	829.	0.0591	6.90	237.	11440.
79 3 21	5303N	16718W	17594.8	34956.1	48496.3	115.	11.6	13325.	782.	0.0587	5.01	1160.	21560.
79 1 17	5232N	16947W	18994.7	35108.2	48598.9	98.	7.0	11000.	626.	0.0569	5.17	406.	11440.
78 3 27	5452N	16641W	18219.6	34801.2	46574.9	90.	17.0	20580.	1152.	0.0560	6.40	2127.	7280.
78 2 3	5440N	16535W	18241.3	34668.7	49177.5	137.	15.3	15120.	845.	0.0559	4.78	633F.	23520.

*** 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	LAT	LONG	APPROX LORAN-C	PULSE RATES	DEPTH	HOURS	NUMBER OF	TARGET	TARGET	TARGET	TARGET	DISCARDS	TOTAL
YMMDD			7X	7Y	(FMS)	SET	HOOKS SET	CATCH (LBS)	HOOK (LBS)	CATCH PER HOOK (LBS)	MEAN SIZE (LBS/FISH)	(LBS)	(LBS)
79 2 4	5433N	16536W	18209.5	34683.0	180.	16.3	15120.	296.	0.0196	6.23	426.	11660.	
79 3 23	5612N	17059W	18126.6	35128.9	383.	20.0	17920.	345.	0.0193	16.72	11611.	15620.	
79 3 22	5203N	16718W	17594.3	34956.3	98.	13.1	15600.	298.	0.0191	3.32	909.	13860.	
79 1 18	5233N	16948W	16596.5	35106.8	93.	7.0	10000.	182.	0.0182	8.63	250.	10120.	
79 2 27	5233N	16928W	17065.7	35096.5	126.	8.1	7560.	137.	0.0182	7.70	500.	12980.	
78 3 28	5449N	16614W	18238.4	34744.1	93.	17.1	20580.	356.	0.0173	5.44	1813.	11000.	
79 2 2	5435N	16533W	18221.6	34672.8	191.	16.8	15120.	262.	0.0173	5.89	928.	12760.	
79 2 28	5448N	16529W	18273.4	34643.5	115.	18.5	15960.	274.	0.0172	5.21	1175.	21120.	
79 3 20	5307N	16902W	17333.4	35075.4	137.	11.0	15680.	262.	0.0167	10.01	618.	19360.	
79 3 2	5420N	16654W	18038.9	34866.3	410.	16.0	15960.	268.	0.0168	9.17	9180.	15620.	
79 3 27	5300N	16910W	17269.8	35082.5	109.	12.0	14752.	242.	0.0164	9.79	629.	22000.	
79 1 5	5613N	16951W	18384.2	35112.1	78.	12.0	20000.	311.	0.0155	8.29	1041.	11000.	
79 3 12	5231N	16945W	16996.5	35107.1	109.	18.0	17100.	256.	0.0150	7.34	1876.	28600.	
79 3 12	5432N	16536W	18205.1	34684.7	99.	18.0	20520.	290.	0.0142	2.62	2254.	22440.	
79 1 23	5233N	16945W	17003.5	35107.7	89.	7.0	11000.	152.	0.0138	5.36	434.	19580.	
79 2 25	5524N	16612W	18260.3	34961.6	383.	17.5	15960.	196.	0.0123	10.56	6802.	15620.	
79 2 27	5445N	16527W	18271.2	34640.6	115.	16.5	15960.	184.	0.0115	5.24	257.	20900.	
79 1 10	5611N	17055W	18137.9	35131.8	113.	6.0	10000.	109.	0.0109	10.27	1407.	6600.	
79 1 19	5233N	16946W	17003.5	35107.7	74.	7.5	11000.	118.	0.0107	6.55	608.	18700.	
79 3 10	5326N	16606W	17856.4	34820.3	98.	14.0	20000.	209.	0.0104	4.37	531.	44880.	
78 3 25	5453N	16600W	18272.4	34704.5	82.	19.5	20580.	206.	0.0100	5.43	2409.	8360.	
78 3 24	5447N	16550W	18256.1	34691.4	85.	16.1	20580.	196.	0.0095	4.33	2551.	8580.	
79 1 31	5605N	17021W	18231.9	35135.7	79.	17.5	15200.	141.	0.0093	5.60	2274.	16280.	
79 3 12	5326N	16609W	17851.0	34831.7	98.	14.0	19000.	168.	0.0088	4.89	193.	40040.	
79 3 11	5326N	16610W	17849.2	34833.4	104.	14.0	20000.	171.	0.0086	3.73	599.	40700.	
79 3 17	5223N	17002W	16893.8	35115.9	383.	18.0	17100.	141.	0.0083	12.39	6174.	9900.	
79 1 26	5232N	16945W	17001.8	35107.1	88.	7.0	11000.	90.	0.0082	13.20	248.	27500.	
79 1 23	5233N	16945W	17007.1	35107.1	83.	7.1	10000.	82.	0.0082	11.00	87.	19580.	
78 2 19	5423N	16628W	18095.1	34810.8	339.	18.0	18480.	146.	0.0079	33.00	1157.	13860.	
79 3 25	5259N	16913W	17254.7	35005.0	137.	11.0	15680.	122.	0.0078	9.18	2429.	20240.	
78 2 26	5425N	16614W	18124.9	34775.0	328.	19.0	18480.	139.	0.0075	7.70	693.	7040.	
79 3 7	5231N	16945W	16996.5	35107.1	120.	9.0	7980.	61.	0.0076	5.92	1248.	9900.	
79 3 19	5302N	16720W	17585.1	34559.4	109.	10.0	10800.	81.	0.0075	2.90	138.	24200.	
78 2 21	5426N	16707W	18048.0	34805.8	323.	18.0	18480.	136.	0.0074	11.00	1445.	4180.	
79 3 6	5301N	16909W	17278.5	35081.7	126.	4.0	7000.	43.	0.0062	7.24	314.	14520.	
79 1 2	5432N	15901W	18461.4	33769.1	120.	17.5	13860.	82.	0.0059	7.79	18.	10560.	
79 3 14	5302N	16721W	17582.7	34960.7	96.	17.8	20520.	118.	0.0058	9.58	916.	27060.	
79 2 26	5313N	16953W	17198.3	35112.6	427.	16.7	18900.	109.	0.0058	13.51	2620.	12980.	
79 3 12	5254N	16803W	17434.9	35016.7	126.	18.0	17100.	95.	0.0056	7.44	716.	21120.	
79 3 15	5256N	16803W	17445.3	35016.3	109.	19.0	17100.	95.	0.0055	7.24	444.	30800.	
79 3 15	5301N	16721W	17577.6	34961.1	98.	19.0	17064.	94.	0.0055	2.76	448.	27940.	
79 2 12	5602N	16954W	18295.8	35116.2	92.	12.0	11400.	60.	0.0053	3.70	2623.	10780.	
79 3 11	5332N	16537W	17903.2	34765.9	98.	16.1	18900.	96.	0.0051	2.52	1548.	23980.	
79 1 28	5233N	16946W	17003.5	35107.7	85.	7.5	11000.	51.	0.0046	13.20	324.	20460.	
79 1 11	5604N	16959W	18296.0	35121.2	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 7X	LORAN-C 7Y	PULSE 7Z	RATES 7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	HOOK (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.		
79 220	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	18998.3	35167.7	48995.5	96.	9.3	11000.	38.	0.0035	4.66	289.	10340.		
79 3 1	5345N	16735W	17774.3	34962.0	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	49629.5	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	48585.4	94.	7.5	11500.	30.	0.0026	3.45	418.	20020.		
79 1 4	5431N	15903W	18458.4	35776.5	45618.8	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	45669.3	76.	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	5212N	16916W	17317.0	35086.9	49005.4	410.	14.0	17000.	20.	0.0012	4.25	414.	14520.		
79 115	5233N	16947W	17006.0	35108.3	49001.7	82.	9.0	11000.	12.	0.0011	2.80	140.	15180.		
79 310	5254N	16603W	17434.9	35016.7	48667.9	58.	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	35086.1	48573.7	410.	19.0	15960.	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	17225.3	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	AFFXOR 7X	LORAN-C 7Y	PULSE 7Z	RATES	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 5 3	5418N	1603W	18386.0	3400E.4	46348.3	93.	14.0	16300.	2897.	0.1724	6.40	342.	16940.	
78 6 10	5435N	15844W	16474.2	33723.1	45701.1	98.	13.0	20500.	3517.	0.1716	7.32	0.	74580.	
79 4 12	5644N	18616W	18210.0	34761.0	48429.2	98.	12.0	18330.	2604.	0.1530	8.01	756.	12760.	
79 4 12	5515N	16745W	18251.2	34913.6	48983.5	260.	15.5	18500.	1820.	0.0984	6.06	4799.	13860.	
78 6 1	5400N	16300W	18232.5	34390.2	47233.8	350.	18.5	20160.	1943.	0.0964	21.11	1687.	13640.	
79 5 22	5617N	16947W	18423.4	35106.1	49115.3	98.	13.0	16000.	1032.	0.0614	10.83	4868.	17160.	
78 4 3	5444N	16522W	18271.5	34630.6	48108.8	104.	16.0	20560.	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	33534.2	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 5 31	5454N	16558W	18207.0	34336.3	48673.3	148.	14.4	20720.	391.	0.0189	8.53	1076.	16280.	
79 5 30	5605N	16854W	18441.7	35012.0	49509.9	328.	14.0	16800.	279.	0.0166	15.07	2797.	10780.	
78 4 4	5446N	16527W	18275.5	34638.7	48141.1	101.	15.5	20580.	322.	0.0157	6.84	2221.	8600.	
79 6 1	5258N	16911W	17255.7	35083.4	49945.8	126.	11.0	12000.	155.	0.0129	9.66	1987.	18920.	
78 6 12	5428N	15928W	18441.6	33840.0	45970.8	93.	11.0	20000.	248.	0.0124	6.43	0.	52800.	
78 6 11	5426N	15956W	18424.7	33907.7	46139.8	88.	11.0	20000.	245.	0.0122	2.00	1013.	55220.	
79 6 12	5437N	15830W	18483.4	33686.9	45615.4	98.	14.0	19200.	204.	0.0106	7.16	1766.	15180.	
78 4 11	5448N	16536W	18275.1	34656.4	49196.8	104.	16.5	20560.	219.	0.0106	4.41	615.	5940.	
78 4 10	5446N	16524W	18278.4	34631.5	48123.6	101.	18.0	20580.	220.	0.0107	4.32	277.	6820.	
79 4 8	5618N	16930W	18466.6	35077.4	49741.9	109.	12.5	16200.	155.	0.0096	7.71	4420.	15180.	
79 6 7	5210N	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	325.	14.5	18500.	172.	0.0093	32.23	2176.	5060.	
78 4 6	5448N	16525W	18285.9	34630.0	48132.6	90.	19.3	20580.	160.	0.0078	5.64	572.	8140.	
79 4 5	5431N	16536W	18200.6	34686.4	48167.8	89.	13.6	21840.	165.	0.0075	4.33	964.	8360.	
79 6 17	5457N	16700W	18219.5	34836.8	48891.6	115.	15.1	20720.	135.	0.0066	7.70	1345.	3740.	
79 5 25	5259N	16911W	17261.1	35083.4	49548.7	328.	16.0	19200.	123.	0.0064	7.88	1101.	23320.	
78 4 2	5445N	16545W	18252.6	34683.2	48243.7	101.	17.3	20580.	109.	0.0053	4.62	2903.	8800.	
79 5 23	5312N	16917W	17313.8	35087.8	49009.1	388.	15.0	19200.	92.	0.0048	5.50	350.	14740.	
78 4 5	5445N	16524W	18274.1	34633.4	48122.0	98.	15.3	20560.	44.	0.0021	4.18	466.	7260.	
79 5 22	5517N	16753W	18250.2	34928.6	49032.0	164.	9.1	10360.	21.	0.0021	3.56	1776.	12760.	
79 5 30	5500N	16720W	18206.5	34876.9	48808.0	159.	14.5	20720.	40.	0.0019	10.12	1356.	17820.	
79 6 11	5335N	16830W	18295.5	34888.8	49282.1	137.	16.0	20720.	17.	0.0018	9.02	1393.	38940.	
79 6 18	5457N	16709W	18207.0	34856.6	49407.1	115.	16.0	20720.	33.	0.0016	9.02	875.	31460.	
79 6 4	5330N	16815W	18290.5	34962.1	45187.9	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 5 24	5233N	16919W	17095.5	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 YMPDD	LAT	LONG	APPROX 7X	LOCAN-C 7Y	PULSE 7Z	RATES 77	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)
78 521	5425N	15946W	18425.8	33893.0	46092.9	77	1164.	15.0	17220.	0.0676	7.62	1354.	63360.	
79 718	5557N	17003W	18232.5	35124.5	49789.1	355	969.	21.0	16800.	0.0577	46.20	881.	33440.	
79 713	5616N	16939W	18434.6	35094.2	49775.6	109	739.	14.2	13800.	0.0536	42.21	1615.	16280.	
79 715	5507N	16740W	18214.6	34911.7	48934.0	235	646.	16.0	16600.	0.0384	27.13	4054.	25300.	
79 710	5613N	18443.1	18443.1	35087.4	49757.2	109	464.	12.0	13800.	0.0336	14.58	1993.	21780.	
78 9 5	5418N	16055W	18374.8	34062.7	46497.4	60	342.	18.0	19200.	0.0178	9.87	523.	14960.	
78 5 5	5428N	15833W	18463.1	33721.6	45646.0	93	367.	14.5	21280.	0.0173	6.31	754.	39820.	
78 5 4	5418N	16056W	18374.2	34064.9	46503.4	71	274.	17.5	19200.	0.0143	10.22	604.	15840.	
78 5 7	5434N	15941W	18473.1	33719.9	45684.7	120	233.	11.4	16800.	0.0138	5.49	257.	26600.	
78 9 8	5419N	16112W	18388.2	34098.5	46598.7	77	238.	17.0	17280.	0.0137	11.33	868.	12760.	
79 8 17	5439N	15819W	18491.2	33657.2	45547.5	98	240.	12.0	17640.	0.0136	13.70	707.	29040.	
79 8 14	5452N	15822W	18516.5	33620.7	45545.8	98	235.	12.0	17640.	0.0133	12.58	1235.	22440.	
78 9 21	5458N	15833W	18525.2	33623.8	45603.7	88	281.	17.3	20160.	0.0129	10.83	194.	22000.	
78 9 19	5417N	16034W	18383.3	34018.2	46372.7	98	142.	13.0	11275.	0.0126	4.19	86.	9680.	
79 9 17	5450N	16659W	18185.1	34843.6	48669.0	153	237.	16.2	19950.	0.0119	6.17	1850.	33660.	
79 9 18	5436N	15835W	18478.5	33700.7	45646.4	120	196.	10.5	16800.	0.0117	6.41	3046.	33440.	
79 9 6	5418N	16053W	18375.9	34058.1	46485.5	82	212.	17.0	19200.	0.0110	8.94	1010.	13640.	
79 9 20	5437N	15830W	18483.4	33686.9	45615.4	109	183.	11.6	16800.	0.0109	7.69	934.	16940.	
79 7 12	5418N	16023W	18391.6	33990.8	46306.6	93	170.	18.0	16800.	0.0101	6.89	1023.	15180.	
78 7 13	5402N	16302W	18236.2	34390.5	47246.5	82	226.	16.3	23200.	0.0098	5.24	352.	12760.	
78 7 12	5422N	16012W	18407.3	33954.9	46238.4	88	219.	16.1	23200.	0.0094	6.60	480.	12100.	
79 5 4	5436N	15831W	18480.9	33692.2	45622.8	98	173.	15.0	21280.	0.0086	7.62	502.	56760.	
78 9 10	5447N	15832W	18503.4	33658.7	45613.0	98	183.	17.5	20160.	0.0086	10.22	1017.	23980.	
79 9 7	5403N	16237W	18282.1	34331.7	47101.3	328	169.	15.5	21280.	0.0080	24.90	9684.	21780.	
78 9 14	5432N	15859W	18462.1	33764.8	45793.9	93	145.	19.3	20160.	0.0072	7.02	2129.	16280.	
78 9 16	5447N	15833W	18503.1	33660.8	45619.0	88	142.	20.6	20160.	0.0070	6.76	342.	25300.	
78 9 17	5418N	16037W	18384.4	34022.1	46390.0	82	111.	16.0	15990.	0.0070	3.96	418.	22880.	
78 9 9	5418N	16050W	18377.5	34051.4	46467.6	71	130.	17.0	19200.	0.0068	6.66	714.	15620.	
78 9 15	5458N	15830W	18526.1	33617.4	45585.4	88	124.	17.9	20160.	0.0061	0.87	462.	20680.	
78 9 2	5417N	16100W	18365.3	34076.7	46527.6	82	98.	17.5	17520.	0.0056	13.64	1636.	16500.	
79 7 12	5616N	16935W	18443.1	35087.4	49757.2	109	94.	15.0	17480.	0.0054	9.69	1012.	18480.	
79 9 16	5435N	15841W	18475.3	33716.7	45883.3	104	89.	11.0	16800.	0.0053	9.14	574.	28600.	
79 6 25	5437N	15834W	18482.0	33695.4	45639.1	96	100.	15.8	19950.	0.0050	4.51	737.	13200.	
78 7 8	5417N	16123W	18356.1	34128.9	46664.9	86	74.	13.0	15540.	0.0048	5.57	563.	13640.	
78 7 27	5312N	16904W	17354.9	35076.8	48960.4	109	89.	17.7	19000.	0.0047	9.61	304.	9240.	
78 9 19	5448N	15827W	18507.0	33644.7	4581.6	104	92.	21.7	20160.	0.0046	8.98	869.	20900.	
79 8 15	5434N	15038W	18474.2	33713.5	45666.9	88	78.	11.0	17640.	0.0044	5.38	1017.	20500.	
78 7 14	5429N	15925W	18445.1	33830.4	45951.9	71	97.	15.4	23200.	0.0042	5.46	990.	9240.	
79 8 26	5458N	15820W	18524.9	33602.9	45527.8	98	82.	14.8	19950.	0.0041	10.46	462.	18700.	
78 9 11	5448N	15828W	18506.7	33646.9	45587.6	77	79.	18.9	20160.	0.0039	8.22	171.	21780.	
79 9 2	5453N	16705W	18192.0	34852.9	49700.9	164	72.	15.7	18240.	0.0040	7.24	1204.	32340.	
79 8 27	5455N	15822W	18522.4	33610.6	45541.4	98	79.	16.7	19950.	0.0035	6.50	260.	12320.	
78 9 7	5417N	16118W	18359.1	34117.5	46635.1	71	72.	16.5	19200.	0.0038	8.48	925.	14520.	
79 8 24	5453N	15822W	18518.5	33617.4	45544.3	98	73.	15.9	19950.	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	APPRX /X	LORAN-C 7Y	PULSE 77	RATES	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
78 715	5428N	15958W	18428.7	33906.2	46150.2	77.	77.	16.1	23200.	86.	0.0037	4.38	1062.	18920.
78 723	5430N	15940W	18441.3	33860.3	46040.6	77.	77.	15.5	20000.	71.	0.0036	4.75	685.	14300.
78 718	5449N	15827W	18507.0	33644.7	45581.6	58.	58.	18.5	20160.	69.	0.0034	12.70	570.	21780.
78 520	5449N	15829W	18508.4	33645.7	45592.2	53.	53.	18.2	20160.	67.	0.0033	4.75	328.	18700.
75 520	5433N	15833W	18473.9	33706.0	45638.8	109.	109.	10.0	16800.	55.	0.0033	6.19	250.	14080.
78 5 8	5607N	16951W	18340.5	35112.6	49787.5	104.	104.	15.0	17220.	51.	0.0030	11.44	1789.	13420.
78 9 3	5419N	16058W	18375.9	34066.7	46514.9	88.	88.	17.6	19200.	50.	0.0026	5.35	771.	15400.
79 7 5	5617N	16937W	18445.9	35090.5	49770.7	109.	109.	13.3	15640.	29.	0.0025	8.76	1497.	23540.
78 814	5433N	16539W	18206.0	34689.9	46188.3	175.	175.	17.5	20000.	48.	0.0024	6.56	618.	17160.
78 817	5439N	16539W	18232.6	34679.7	46198.7	172.	172.	17.0	20000.	47.	0.0023	10.47	1715.	11220.
78 521	5418N	16046W	18379.6	34042.4	46443.7	77.	77.	17.0	15990.	32.	0.0020	2.95	1266.	17160.
78 513	5446N	15832W	18501.4	33662.0	45614.4	93.	93.	20.9	20160.	36.	0.0018	7.96	501.	30140.
79 712	5615N	16939W	18427.5	35034.5	49771.3	109.	109.	16.0	14720.	24.	0.0016	5.30	4268.	22660.
78 7 7	5419N	16046W	18382.3	34039.6	46443.2	98.	98.	13.0	15540.	24.	0.0015	2.24	1273.	19140.
75 5 4	5511N	16743W	18232.1	34913.7	48561.4	159.	159.	15.8	18240.	22.	0.0012	6.56	1100.	37620.
78 710	5428N	15930W	18440.7	33242.4	45582.8	93.	93.	16.0	23200.	22.	0.0010	3.56	306.	12320.
79 8 4	5447N	16530W	18276.7	34643.9	48160.2	109.	109.	13.5	21280.	21.	0.0010	6.23	369.	9020.
79 5 7	5519N	16752W	18263.0	34524.3	49032.6	153.	153.	16.6	19950.	14.	0.0007	4.00	1521.	47960.
79 9 3	5500N	16727W	18196.4	34293.8	48845.5	164.	164.	15.5	18240.	14.	0.0008	5.30	1056.	26620.
78 711	5428N	15928W	18441.6	33840.0	45570.8	104.	104.	15.4	23200.	15.	0.0007	1.96	44.	14960.
79 713	5408N	16138W	18320.3	34186.2	46755.2	82.	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 (continued). PACIFIC HALIBUT, OCTOBER-DECEMBER

DATE YMPDD	LAT	LONG	AFFX	LRAN-C	7Y	RATES	DEPTH	HOURS	NUMBER OF	TARGET	TARGET	TARGET	TARGET	DISCARDS	TOTAL
			7X			7Z	(FPS)	SET	HOOKS SET	CATCH	CATCH PER	MEAN SIZE	(LBS/FISH)	CATCH	CATCH
			*****	*****	*****	*****	*****	*****	*****	(LBS)	HOOK (LBS)	(LBS/FISH)	*****	(LBS)	(LBS)
781115	5444N	15809W	18504.5	32619.9	45480.6	104.	16.0	15200.	0.0124	169.	0.0124	8.07	769.	23320.	
791110	5454N	15826W	18519.3	33622.5	45567.0	98.	15.5	20000.	0.0111	221.	0.0111	7.01	841.	27720.	
781115	5438N	15828W	18486.1	33679.5	45602.1	109.	15.0	15120.	0.0109	165.	0.0109	14.99	1049.	27500.	
781118	5443N	15821W	18498.7	33646.5	45553.3	123.	15.0	15120.	0.0109	166.	0.0109	14.99	269.	18260.	
781116	5429N	15827W	18488.6	33674.1	45594.8	123.	16.0	15120.	0.0110	166.	0.0110	6.89	365.	24200.	
781116	5447N	15809W	18510.5	33610.0	45475.9	104.	17.0	15200.	0.0108	164.	0.0108	9.50	102.	21120.	
791118	5453N	15806W	18523.0	33583.5	45448.4	66.	7.0	8000.	0.0098	70.	0.0098	7.28	824.	4620.	
781114	5431N	15823W	18495.4	33650.6	45599.2	109.	17.0	14400.	0.0094	130.	0.0094	6.19	824.	25960.	
791114	5461N	15814W	18536.2	33573.0	45484.1	86.	14.0	19000.	0.0094	184.	0.0094	8.21	761.	22880.	
791117	5603N	16824W	18468.1	34941.8	49338.8	139.	9.5	11750.	0.0079	93.	0.0079	7.28	2378.	19140.	
781122	5601N	16839W	18325.1	35096.0	49711.2	109.	17.5	15200.	0.0072	109.	0.0072	6.03	2862.	21120.	
791117	5447N	15816W	18507.7	33629.0	45529.4	104.	14.0	17500.	0.0068	119.	0.0068	8.73	584.	24860.	
781125	5615N	16944W	18416.1	35102.2	49793.5	116.	17.0	15200.	0.0058	100.	0.0058	12.32	1736.	20680.	
781112	5455N	15823W	18522.1	33612.7	45474.4	104.	16.1	15200.	0.0062	95.	0.0062	13.64	338.	21340.	
781117	5448N	15810W	18512.1	33608.8	45480.2	93.	15.0	19200.	0.0056	107.	0.0056	13.64	114.	16720.	
781116	5442N	15826W	18494.4	33666.6	45596.3	98.	15.0	19000.	0.0054	107.	0.0054	12.38	334.	19140.	
781121	5601N	16938W	18335.4	35093.7	49698.2	107.	17.5	15200.	0.0043	66.	0.0043	13.64	1628.	17600.	
791116	5555N	16851W	18384.1	35015.0	49459.0	131.	15.1	18500.	0.0043	61.	0.0043	7.12	1870.	21340.	
791117	5417N	16120W	18357.9	34122.1	46647.0	88.	15.0	19500.	0.0038	74.	0.0038	8.36	4633.	21340.	
781120	5406N	16150W	18308.2	34218.2	46826.0	79.	14.0	19200.	0.0031	60.	0.0031	6.60	535.	18480.	
781121	5416N	16124W	18352.7	34132.8	46871.1	104.	16.0	19200.	0.0031	60.	0.0031	3.96	1305.	29700.	
781115	5446N	15819W	18505.4	33636.4	45536.9	90.	17.0	15120.	0.0030	45.	0.0030	5.06	375.	30140.	
781118	5456N	15833W	18521.3	33630.7	45606.4	96.	15.0	19200.	0.0030	57.	0.0030	8.80	481.	20460.	
791113	5604N	16818W	18475.9	34924.6	49307.4	112.	13.8	18300.	0.0028	53.	0.0028	19.34	1871.	18920.	
791123	5436N	15840W	18477.8	33711.4	45676.0	126.	12.0	13300.	0.0024	32.	0.0024	3.41	231.	20460.	
781128	5410N	16132W	18330.2	34167.5	46719.5	82.	8.0	9800.	0.0023	22.	0.0023	3.30	1291.	8900.	
791125	5430N	15903W	18456.1	33775.6	45820.0	120.	12.0	15200.	0.0023	14.	0.0023	4.66	407.	27500.	
781119	5447N	15828W	18505.3	33645.9	45577.1	88.	16.0	14040.	0.0023	32.	0.0023	3.96	415.	30140.	
781127	5422N	15810W	18455.9	33691.7	45521.7	96.	14.0	12600.	0.0019	23.	0.0019	2.86	1583.	11660.	
791115	5555N	16848W	18395.1	34999.9	49422.6	123.	15.0	18800.	0.0016	29.	0.0016	7.27	2679.	18480.	
791114	5600N	16827W	18447.7	34953.5	49346.6	120.	14.0	18800.	0.0014	27.	0.0014	11.00	1546.	17160.	
791112	5616N	16929W	18455.0	35076.6	49728.9	109.	13.6	18800.	0.0012	23.	0.0012	4.52	1882.	16280.	
791110	5629N	17130W	18078.7	35075.6	50122.0	145.	13.6	18800.	0.0010	19.	0.0010	9.22	2501.	19140.	
791115	5608N	16828W	18493.6	34938.8	49364.7	112.	7.8	9400.	0.0010	9.	0.0010	5.10	801.	9240.	
791114	5615N	17111W	18085.4	35117.2	50050.0	178.	15.1	18800.	0.0010	18.	0.0010	12.69	541.	14520.	
791118	5555N	16852W	18382.5	35017.2	49464.2	120.	15.6	18600.	0.0006	11.	0.0006	8.01	630.	12540.	
791124	5423N	15944W	18422.7	33690.0	46670.8	109.	12.0	15200.	0.0006	9.	0.0006	4.00	321.	21780.	
791113	5628N	17126W	18055.3	35083.8	50415.7	131.	14.5	14800.	0.0003	6.	0.0003	5.79	520.	11680.	

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

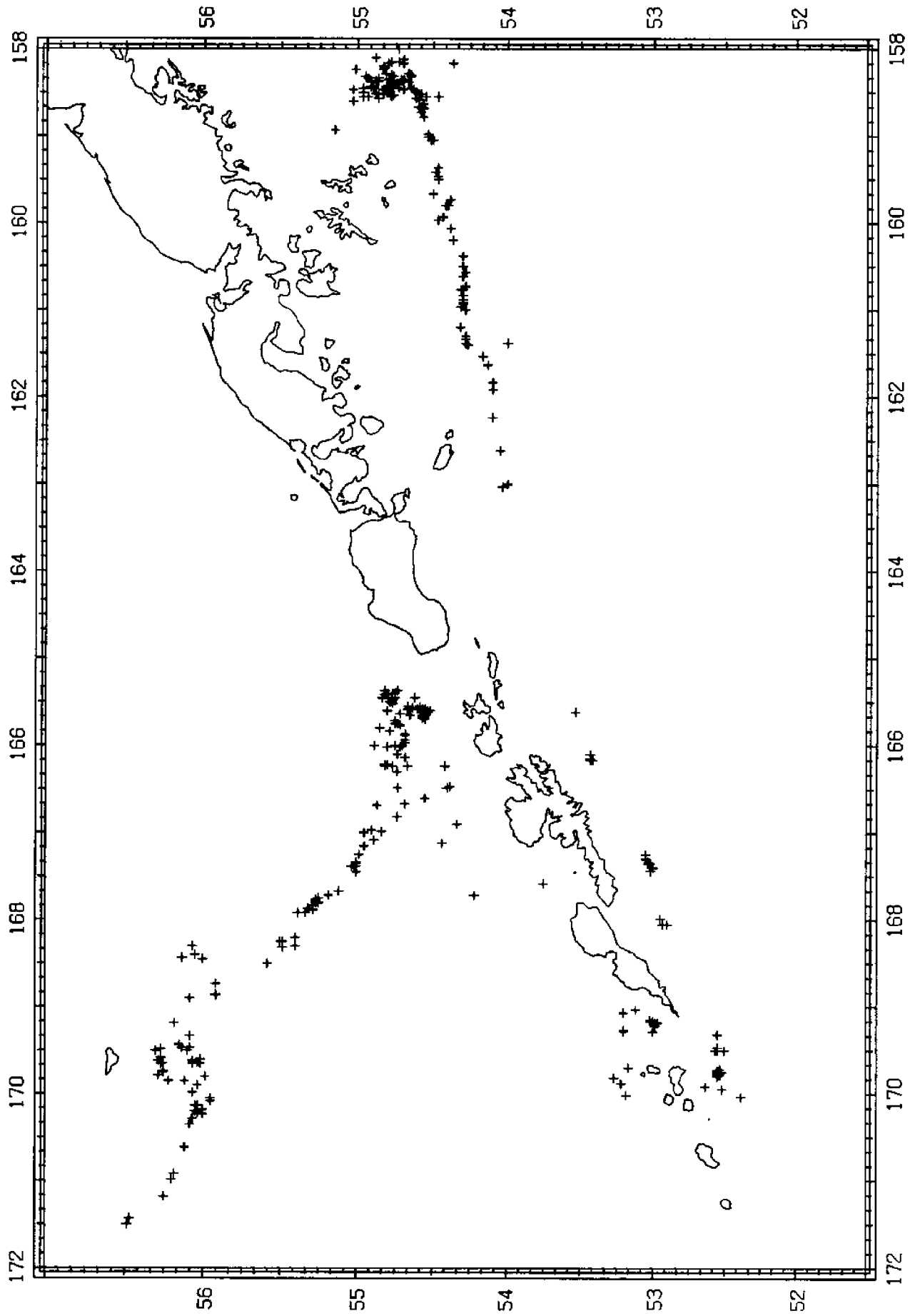


FIGURE B-3. PACIFIC HALIBUT, ALL MONTHS, 1977-1979

TABLE B-15. FLOWNDERS, JANUARY-MARCH

DATE YMPDD	LAT	LONG	APPRX 7X	LOMAN-C 7Y	PULSE 7Z	RATES	DEPTH (FMS)	HOURS SET	NUMBER HOOKS	CF 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	34982.3	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.	12774.	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	5126.	16280.		
79 3 4	5312N	16919W	17307.3	35089.3	49115.5	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.	18.0	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.	11018.	0.5561	11.26	1646.	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	16915W	17307.3	35089.3	49016.5	383.	16.8	18900.	10190.	0.5392	8.47	775.	16280.		
79 224	5425N	16729W	18003.1	34827.8	48759.6	383.	18.0	15960.	8515.	0.5335	11.22	10866.	22000.		
79 217	5600N	17016W	18212.2	35133.2	49847.9	326.	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.	14.0	15200.	6061.	0.3989	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	16903W	17336.8	35086.3	48572.6	437.	24.7	18900.	6464.	0.3740	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.		
79 325	5524N	16812W	18260.3	34961.6	49153.2	383.	17.5	15960.	5054.	0.3192	11.60	6882.	15620.		
79 322	5557N	17005W	18228.3	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.	4631.	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.	19.3	18480.	4734.	0.2562	9.58	326.	16940.		
79 219	5607N	17037W	18186.0	35136.2	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	18034.9	34866.3	48560.8	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	34862.0	48679.6	437.	15.5	11970.	2060.	0.1721	9.91	5485.	10120.		
79 326	5300N	16917W	17247.3	35088.1	48571.7	410.	19.0	16960.	2595.	0.1530	9.04	1537.	8200.		
79 215	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	49631.3	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.	1615.	0.1200	9.47	187.	19360.		
78 221	5426N	16707W	18046.0	34885.8	48650.8	323.	18.0	18480.	2158.	0.1190	9.71	1485.	4180.		
78 2 4	5443N	16601W	18225.8	34723.9	48331.4	153.	17.0	15120.	1769.	0.1120	10.23	3891.	24640.		
78 2 3	5440N	16535W	18241.3	34668.7	48177.5	137.	16.3	15120.	1705.	0.1120	15.03	6338.	23320.		
78 222	5441N	16568W	18208.2	34743.0	48367.0	175.	18.0	18480.	1606.	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). FLOWNDERS, JANUARY-MARCH

DATE	LAT	LONG	APPRX LORAN-C	PULSE	RATES	DEPTH	HOURS	NUMBER	CF	TARGET	TARGET	TARGET	DISCARDS	TOTAL
YMMDD			7X	7Y	7Z	(FMS)	SET	HOUS	SET	CATCH	CATCH	MEAN	CATCH	CATCH
			*****	*****	*****	*****	*****	*****	*****	(LBS)	(LBS)	(LBS/FISH)	(LBS)	(LBS)
79 323	5612N	17059W	16126.6	35128.9	50015.9	383.	20.0	17920.		1601.	0.0893	11.61	11611.	15620.
79 3 1	5300N	16910W	17269.0	35082.5	48947.9	219.	27.9	19980.		1618.	0.0810	7.38	445.	7040.
79 2 11	5445N	16600W	18236.1	34718.2	48329.6	120.	18.0	18420.		1444.	0.0771	10.08	2346.	22460.
79 3 3	5311N	17001W	17156.5	35116.9	49160.8	383.	18.0	11970.		930.	0.0777	6.52	3909.	7700.
79 2 5	5442N	16600W	18222.4	34723.2	48323.8	153.	17.0	14400.		1070.	0.0743	9.33	1090.	23100.
79 2 13	5440N	16614W	18156.1	34756.0	48396.6	175.	18.0	18420.		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 2 15	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.
79 2 23	5444N	16606W	18224.5	34733.7	48361.7	131.	16.0	18480.		884.	0.0478	9.90	2711.	14080.
79 2 12	5441N	16558W	18220.1	34720.2	48310.6	159.	17.0	18480.		878.	0.0475	11.55	1379.	27660.
79 2 10	5434N	16537W	18212.8	34683.6	48178.6	175.	17.2	15120.		485.	0.0321	7.17	550.	13200.
79 2 9	5606N	16930W	18384.0	35082.9	48692.3	131.	15.5	15200.		454.	0.0299	5.75	4680.	22660.
79 1 19	5500N	16721W	18205.4	34879.0	48813.4	153.	16.7	13860.		390.	0.0281	2.74	1783.	17820.
79 2 13	5434N	16555W	18215.0	34679.1	48167.3	164.	17.5	15120.		585.	0.0255	8.71	790.	12760.
79 1 23	5529N	16815W	18278.2	34971.5	49205.5	142.	16.3	13860.		323.	0.0232	2.74	1612.	12100.
79 1 2	5432N	15901W	18461.4	33769.1	45203.2	120.	17.5	13860.		322.	0.0232	2.67	18.	10560.
79 1 20	5515N	16748W	18246.7	34920.1	48599.6	153.	18.0	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 1 24	5503N	16723W	18202.5	34881.3	48824.1	142.	17.4	13860.		307.	0.0222	3.00	1067.	12760.
79 3 23	5607N	16852W	18448.2	35018.9	49537.9	353.	15.3	21840.		479.	0.0220	6.13	10735.	12100.
79 2 7	5443N	16538W	18251.3	34670.3	48199.9	153.	16.0	14400.		303.	0.0211	11.44	0.	25740.
79 3 27	5400N	16910W	17269.0	35082.5	48947.9	109.	12.0	14752.		284.	0.0193	9.20	629.	22000.
79 2 1	5436N	16535W	18233.6	34675.7	48170.7	175.	17.7	15120.		289.	0.0191	5.50	537.	15400.
79 1 28	5517N	16750W	18254.8	34922.2	49016.0	148.	15.7	13860.		254.	0.0183	3.43	1340.	13640.
79 1 18	5516N	16748W	18252.2	34919.0	49002.5	148.	16.4	13860.		243.	0.0176	2.68	1061.	16500.
79 1 25	5502N	16723W	18213.1	34881.0	48829.4	126.	17.0	13860.		239.	0.0172	2.72	3360.	16940.
79 1 31	5438N	16534W	18233.7	34669.9	48189.4	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.
79 2 6	5444N	16629W	18196.1	34785.7	49490.5	142.	16.0	14400.		207.	0.0144	6.82	2113.	11440.
79 2 10	5605N	16928W	18321.3	35079.9	49379.0	104.	15.8	15200.		219.	0.0144	2.99	2982.	20240.
79 1 16	5529N	16815W	18284.7	34963.1	49184.7	126.	16.4	13860.		179.	0.0129	2.45	1361.	11880.
79 1 31	5605N	17021W	18231.9	35135.7	49886.8	79.	17.5	15200.		195.	0.0129	4.48	2274.	16280.
79 2 15	5433N	16535W	18210.6	34680.8	48165.3	175.	17.1	15120.		191.	0.0126	8.25	780.	19580.
79 3 17	5223N	17002W	18093.0	35115.9	49023.3	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 3 25	5259N	16913W	17254.7	35085.0	48556.1	137.	11.0	15680.		166.	0.0118	8.84	2429.	20240.
79 2 16	5433N	16542W	18202.6	34696.7	48005.3	180.	17.2	15120.		179.	0.0110	9.17	474.	17600.
79 3 22	5602N	16938W	18337.6	35096.4	49711.2	93.	11.0	16380.		185.	0.0113	2.47	1594.	11660.
79 2 18	5434N	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 1 10	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 1 30	5440N	16533W	18243.5	34664.0	48168.0	164.	17.0	15120.		152.	0.0101	6.07	429.	11000.
79 3 10	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	LAT	LONG	APPROX	LORAN-C	PULSE	HAFES	DEPTH	HOURS	NUMBER	TARGET	TARGET	TARGET	TARGET	TARGET	DISCARDS	TOTAL
YYMMDD			7 X	7 Y	7 Z	(FMS)	SET	OF	HOOKS	CATCH	HOOK	CATCH	MEAN	CATCH	CATCH	(LBS)
			*****	*****	*****	*****	*****	*****	*****	(LBS)	(LBS)	(LBS)	(LBS/FISH)	(LBS)	(LBS)	(LBS)
79 2 21	5433N	16537W	18206.3	34685.3	48176.9	175.	18.0	15120.	142.	0.0094	0.0094	7.86	739.	17380.		
79 2 27	5434N	16540W	18209.3	34690.5	48195.7	169.	17.3	15120.	133.	0.0089	0.0089	4.53	1156.	16940.		
79 1 8	5442N	16600W	18222.4	34723.2	48323.8	137.	15.5	13860.	120.	0.0087	0.0087	2.38	1220.	12980.		
79 2 21	5605N	16920W	18397.6	35065.8	49641.3	115.	17.5	15200.	130.	0.0086	0.0086	3.02	5057.	25960.		
79 1 10	5516N	16746W	18255.2	34914.6	48591.8	126.	16.0	13860.	119.	0.0086	0.0086	2.78	501.	13420.		
79 2 20	5433N	16636W	18132.6	34915.5	48504.2	131.	16.4	14040.	119.	0.0085	0.0085	7.02	237.	11440.		
79 3 8	5257N	16759W	17461.2	35011.3	48659.0	161.	16.0	15960.	132.	0.0082	0.0082	1.98	837.	29480.		
79 2 17	5433N	16536W	18205.5	34683.0	48171.2	170.	18.0	15120.	113.	0.0074	0.0074	11.37	397.	16060.		
79 2 14	5433N	16540W	18204.9	34692.2	48193.9	202.	17.2	15120.	111.	0.0073	0.0073	6.50	592.	20900.		
79 2 5	5602N	17013W	18237.2	35131.7	49246.9	76.	13.0	13860.	99.	0.0073	0.0073	3.62	2045.	11000.		
79 2 4	5603N	17008W	18261.0	35128.6	49334.7	78.	13.2	13860.	99.	0.0072	0.0072	3.68	1185.	12760.		
79 1 30	5602N	17010W	18247.1	35125.9	49336.5	79.	17.5	15200.	106.	0.0071	0.0071	1.77	2817.	16720.		
79 1 27	5501N	16723W	18207.8	34892.1	48226.8	131.	16.7	13860.	39.	0.0064	0.0064	2.80	1585.	13640.		
79 2 11	5434N	16541W	18208.2	34692.8	48201.4	186.	16.0	15120.	93.	0.0061	0.0061	6.51	777.	13420.		
79 1 26	5516N	16747W	18253.7	34916.8	48597.1	120.	16.7	13860.	77.	0.0056	0.0056	3.15	1233.	9020.		
78 3 21	5446N	16814W	18224.3	34748.9	48410.9	161.	16.5	20580.	106.	0.0052	0.0052	6.13	280.	5940.		
78 3 28	5449N	16614W	18238.4	34744.4	48416.9	93.	17.1	20580.	161.	0.0049	0.0049	6.20	1813.	11000.		
79 3 8	5336N	16850W	18266.1	35027.2	49385.8	437.	11.0	15000.	71.	0.0047	0.0047	5.39	6529.	6600.		
79 2 24	5303N	16718W	17594.8	34956.1	48496.3	120.	17.3	15120.	61.	0.0040	0.0040	1.65	81.	20240.		
79 3 16	5301N	16721W	17577.6	34961.1	48504.9	109.	20.0	20520.	80.	0.0039	0.0039	2.42	893.	32560.		
79 1 4	5431N	15903W	18458.4	33776.5	45813.3	93.	17.0	13860.	56.	0.0038	0.0038	2.01	178.	9680.		
79 2 3	5604N	17017W	18238.5	35134.0	49269.3	78.	16.5	15200.	52.	0.0038	0.0038	2.83	1730.	12760.		
79 3 18	5259N	16720W	17565.5	34960.6	48493.7	492.	22.7	18900.	68.	0.0036	0.0036	6.14	2000.	29260.		
79 2 6	5444N	16545W	18248.2	34685.0	48241.9	153.	16.8	15120.	54.	0.0036	0.0036	5.06	1002.	13200.		
79 1 17	5232N	16947W	16994.7	35108.2	48598.9	98.	7.0	11000.	37.	0.0034	0.0034	2.54	406.	11440.		
79 1 17	5301N	16815W	18290.5	34962.1	49197.9	98.	16.1	13860.	46.	0.0033	0.0033	2.69	871.	11880.		
79 3 20	5307N	16902W	17333.4	35075.4	48338.2	137.	11.0	13860.	52.	0.0033	0.0033	8.86	618.	19360.		
79 2 11	5434N	16535W	18210.5	34688.2	48190.0	160.	17.1	15120.	49.	0.0032	0.0032	4.69	692.	12100.		
79 2 2	5602N	17008W	18253.6	35128.5	49229.5	79.	17.0	15200.	50.	0.0033	0.0033	2.24	2310.	17600.		
79 2 27	5233N	16926W	17065.7	35096.5	48536.4	126.	8.1	7560.	24.	0.0031	0.0031	6.60	500.	12980.		
79 2 25	5302N	16720W	17585.1	34959.4	48504.9	109.	17.5	15120.	47.	0.0031	0.0031	1.54	104.	23980.		
78 3 23	5448N	16613W	18234.5	34743.4	48409.3	82.	16.2	20580.	60.	0.0029	0.0029	3.32	2860.	7920.		
79 2 12	5602N	16954W	18295.8	35116.2	49777.3	92.	12.0	11400.	31.	0.0027	0.0027	1.51	2623.	10780.		
79 3 22	5303N	16718W	17594.8	34956.1	48496.3	98.	13.1	13600.	43.	0.0028	0.0028	3.25	909.	13860.		
79 3 5	5231N	16957W	16953.8	35113.6	49029.5	115.	9.0	7980.	22.	0.0027	0.0027	3.85	241.	8140.		
79 1 14	5459N	16715W	18208.9	34667.2	48778.4	131.	18.3	13860.	37.	0.0026	0.0026	2.36	1765.	11880.		
79 1 19	5233N	16946W	17003.5	35107.7	48598.3	74.	7.5	11000.	29.	0.0026	0.0026	1.39	608.	18700.		
79 1 9	5613N	16951W	18384.2	35112.1	49614.3	76.	12.0	20000.	53.	0.0026	0.0026	1.76	1041.	11000.		
78 2 25	5445N	16543W	18254.7	34678.5	48232.2	126.	18.0	19480.	46.	0.0025	0.0025	2.20	1013.	13860.		
79 2 23	5300N	16724W	17565.4	34565.7	48515.8	109.	16.0	14400.	33.	0.0023	0.0023	1.83	2894.	19360.		
79 3 6	5230N	16930W	17043.2	35097.0	48935.1	137.	18.0	15960.	30.	0.0019	0.0019	1.69	1357.	33000.		
79 3 14	5302N	16721W	17582.7	34960.7	48507.3	98.	17.8	20520.	32.	0.0016	0.0016	5.17	916.	27060.		
78 3 24	5447N	16550W	18256.1	34691.4	48276.1	85.	16.1	20580.	31.	0.0015	0.0015	2.53	2551.	8580.		
79 1 11	5604N	16959W	18296.0	35121.2	49805.5	82.	16.0	13860.	19.	0.0014	0.0014	2.93	1216.	14960.		
79 3 4	5326N	16609W	17851.0	34631.7	48220.2	98.	12.0	17000.	23.	0.0013	0.0013	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	YMPD	LAT	LONG	APPROX LORAN-C	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	77	98.	16.3	13860.	17.	0.0013	2.02	170.	10560.	
79 1 8	5233N	16948W	16996.5	35108.8	49005.1	93.	93.	7.0	10000.	11.	0.0011	2.01	250.	10120.	
79 3 12	5326N	16609W	17851.0	34831.7	48220.2	58.	58.	14.0	19000.	22.	0.0012	1.17	193.	40040.	
79 3 25	5448N	16524W	18286.8	34627.6	46126.7	82.	82.	14.2	21840.	23.	0.0010	0.55	2199.	12320.	
79 1 24	5233N	16944W	17610.6	35106.5	48591.6	85.	85.	8.2	11000.	10.	0.0009	1.10	1113.	19800.	
79 3 9	5258N	16803W	17445.3	35016.3	48673.1	98.	98.	15.5	17100.	17.	0.0010	1.16	829.	20680.	
79 3 19	5362N	16720W	17585.1	34959.4	48502.9	109.	109.	10.0	10800.	10.	0.0009	3.08	138.	24200.	
79 3 15	5301N	16721W	17577.6	34961.1	48504.9	92.	92.	19.0	17064.	16.	0.0009	5.17	448.	27940.	
79 2 27	5445N	16527W	18271.2	34640.6	48139.3	115.	115.	16.5	15960.	14.	0.0009	8.80	257.	20900.	
79 1 13	5233N	16947W	17000.0	35108.3	49001.7	58.	58.	11.0	11000.	3.	0.0008	0.88	327.	13420.	
79 1 25	5233N	16945W	17007.1	35107.1	48595.0	94.	94.	8.0	9500.	7.	0.0007	1.10	195.	15400.	
79 3 20	5303N	16715W	17601.9	34951.9	48482.9	104.	104.	12.0	13325.	10.	0.0007	0.88	1079.	25520.	
79 3 22	5449N	16613W	18235.6	34741.8	48411.3	50.	50.	17.0	20580.	14.	0.0007	1.65	1897.	9020.	
79 3 21	5303N	16718W	17594.8	34956.1	48496.3	115.	115.	11.6	13325.	9.	0.0007	1.21	1160.	21560.	
79 3 27	5452N	16641W	18215.6	34801.2	48574.9	90.	90.	17.0	20580.	13.	0.0006	1.36	2127.	7260.	
79 1 9	5413N	16743W	17909.3	34959.9	48794.3	137.	137.	16.0	13860.	6.	0.0004	3.30	115.	13860.	
79 3 31	5432N	16537W	18203.9	34687.0	48175.2	101.	101.	19.7	20580.	10.	0.0005	1.21	1230.	11000.	
79 1 27	5232N	16943W	17008.8	35105.9	48585.4	94.	94.	7.5	11500.	4.	0.0004	1.54	418.	20020.	
79 3 30	5446N	16531W	18271.5	34648.2	48164.4	96.	96.	13.0	17640.	6.	0.0003	1.21	1432.	12320.	
79 1 16	5232N	16946W	16958.3	35107.7	48595.5	96.	96.	9.3	11000.	4.	0.0004	1.43	289.	10340.	
79 3 10	5326N	16608W	17856.4	34826.3	48205.2	98.	98.	14.0	20000.	8.	0.0004	0.88	531.	44880.	
79 3 12	5432N	16536W	18205.1	34684.7	48169.5	98.	98.	18.0	20520.	8.	0.0004	3.30	2254.	22440.	
79 3 11	5326N	16610W	17849.2	34833.4	48225.2	104.	104.	14.0	20000.	4.	0.0002	0.88	599.	40700.	
79 3 25	5453N	16660W	18272.4	34704.5	48344.7	82.	82.	19.5	20580.	3.	0.0002	0.77	2409.	8360.	
79 1 14	5232N	16946W	16998.3	35107.7	48595.5	98.	98.	7.0	11000.	2.	0.0002	1.54	199.	15860.	
79 3 10	5254N	16803W	17434.9	35016.7	48667.9	98.	98.	18.0	17100.	3.	0.0002	1.32	1135.	20240.	
79 3 26	5437N	16527W	18236.8	34655.4	48126.5	82.	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***

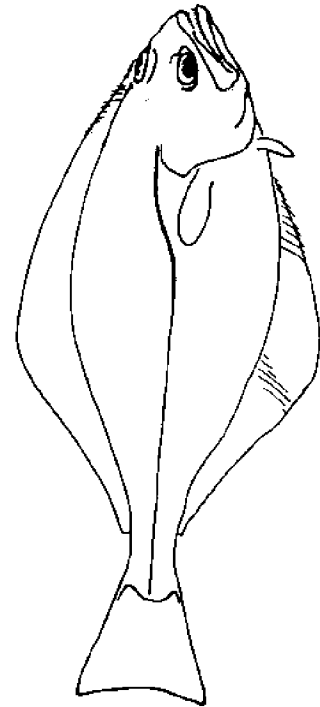


TABLE B-16. FLOUNDERS, APRIL-JUNE

DATE YYMMDD	LAT	LONG	AFFIX 7X	LORAN-C 7Y	PULSE 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	1714W	17597.3	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 6 12	5603N	16841W	18435.7	34986.4	49426.7	342	18.2	20720	21550	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 6 20	5212N	16919W	17307.3	35089.3	49016.5	355	13.5	16800	13226	0.7872	10.97	964	16060
79 5 27	5420N	16642W	18058.6	34842.6	48506.2	399	16.0	19200	14484	0.7544	11.54	1414	16500
79 4 13	5426N	16716W	18032.3	34903.0	48696.8	410	16.0	17575	13051	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 5 23	5602N	17001W	18275.3	35123.0	49604.1	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	1808	17600
79 5 23	5312N	16917W	17313.8	35087.8	49009.1	388	15.0	19200	12787	0.6660	9.00	390	14740
79 6 14	5320N	16902W	17405.7	35074.5	48976.6	383	18.5	20720	13243	0.6391	9.75	1824	17600
79 5 26	5420N	16739W	17956.2	34948.9	48794.8	437	16.0	19200	12272	0.6392	12.85	6406	22220
79 4 10	5421N	16623W	18092.7	34802.9	48407.7	405	13.4	16380	10464	0.6388	11.38	4772	18700
79 5 30	5321N	16902W	17411.4	35074.4	48979.6	454	17.0	19200	12251	0.6381	8.35	373	16060
79 6 10	5605N	16836W	18465.6	34969.1	49412.1	364	20.0	19018	11517	0.6056	10.83	441	16060
79 5 31	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	1628	10760
79 4 5	5312N	16908W	17342.4	35080.3	48959.8	328	10.2	10440	4919	0.4712	7.82	411	10560
79 5 30	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	5878	16660
79 5 5	5617N	17123W	18040.8	35101.8	50075.4	328	17.4	23520	9061	0.3853	12.46	5736	16280
79 4 10	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 4 11	5420N	16634W	18071.2	34828.6	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 5 29	5518N	16803W	18240.1	34948.7	49087.6	410	16.0	19200	4950	0.2578	8.36	630	9460
79 5 21	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 4 11	5451N	16736W	18133.0	34919.4	48867.7	465	12.0	16200	3111	0.1921	11.26	4985	11000
78 6 11	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 6 18	5457N	16709W	18207.0	34896.6	48740.7	115	16.0	20720	2274	0.1098	6.57	875	31460
79 5 25	5259N	16911W	17261.1	35083.4	48948.7	328	16.0	19200	2044	0.1065	10.63	1101	12320
78 6 13	5259N	17105W	16843.7	35137.0	49320.9	355	21.0	16650	1500	0.0901	6.92	2760	7040
79 6 30	5241N	17144W	16578.9	35138.0	49372.2	410	19.0	27000	2333	0.0854	12.67	12184	18920
79 6 7	5210N	16942W	17219.5	35105.8	49092.8	246	16.0	16800	1431	0.0852	6.91	3232	10780
79 5 30	5500N	16720W	18206.9	34876.9	48808.0	159	14.5	20720	1759	0.0849	5.99	1356	17820
79 5 27	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	34926.3	49060.4	112	15.0	20165	1432	0.0710	5.60	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 5 29	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). FLOWNDERS, APRIL-JUNE

DATE YYMMDD	LAT	LONG	APPROX LORAN-C 7X 7Y	PULSE 7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 413	5420N	16700W	18028.7	34877.9	410.	12.3	16380.	982.	0.0599	9.90	14303.	16720.
79 524	5309N	16941W	17217.3	35105.2	410.	16.0	19200.	1108.	0.0577	12.18	3547.	5280.
79 4 7	5608N	16928W	18402.0	35078.7	328.	14.5	18500.	1066.	0.0576	11.01	2176.	5060.
79 617	5457N	16700W	18219.5	34836.8	115.	15.1	20720.	1135.	0.0548	13.93	1345.	23320.
78 612	5303N	17027W	17017.0	35128.0	383.	17.0	16650.	891.	0.0535	6.02	2469.	7040.
79 611	5535N	16830W	18295.9	34988.8	137.	16.0	20720.	1080.	0.0521	6.08	1393.	38940.
79 531	5454N	16658W	18207.0	34836.3	148.	14.4	20720.	1027.	0.0496	6.03	1076.	16280.
78 6 3	5335N	16511W	17986.2	34712.8	345.	16.0	19200.	832.	0.0434	8.22	3252.	17820.
79 616	5424N	16703W	18044.4	34879.9	301.	10.0	10360.	436.	0.0421	8.41	872.	2200.
79 528	5424N	16725W	17989.0	34923.6	416.	15.0	19200.	437.	0.0228	5.72	2423.	2860.
79 522	5517N	16753W	18250.2	34928.6	164.	9.1	10360.	191.	0.0184	3.54	1776.	12760.
79 412	5515N	16745W	18251.2	34513.6	260.	15.5	18500.	298.	0.0161	4.51	4799.	13860.
78 419	5332N	16530W	17944.3	34753.5	306.	16.4	22260.	327.	0.0147	6.42	7369.	14960.
79 612	5437N	15830W	18483.4	33686.9	98.	14.0	19200.	263.	0.0137	1.55	1766.	15180.
78 6 1	5400N	16300W	18232.9	34390.2	350.	18.5	20160.	269.	0.0133	4.84	1687.	13640.
79 522	5522N	16756W	18273.8	34929.6	109.	16.1	20720.	277.	0.0134	4.88	2598.	16500.
79 526	5218N	17118W	16565.9	35137.5	314.	17.5	13320.	162.	0.0122	12.98	3229.	12760.
79 522	5617N	16947W	18423.4	35106.1	98.	13.0	16800.	140.	0.0094	2.82	4868.	17160.
79 4 8	5618N	16930W	18466.8	35077.4	109.	12.5	16200.	132.	0.0082	2.53	4420.	15180.
78 416	5354N	16317W	18196.4	34440.5	326.	17.5	22260.	167.	0.0075	4.80	6432.	15400.
79 412	5444N	16618W	18210.0	34781.0	98.	12.0	16330.	136.	0.0074	3.47	756.	12760.
79 5 2	5423N	16004W	18413.6	33534.2	93.	17.5	23520.	149.	0.0063	1.63	925.	23320.
79 611	5421N	15937W	18421.0	33880.6	328.	17.0	19200.	112.	0.0058	3.83	23206.	26180.
79 5 3	5418N	16030W	18388.0	34006.4	93.	14.0	16800.	89.	0.0053	1.26	342.	16940.
78 6 6	5340N	16430W	18062.9	34622.5	339.	13.5	19200.	82.	0.0042	5.28	5819.	11220.
78 415	5344N	16401W	18113.5	34554.8	317.	16.9	22260.	94.	0.0042	4.73	4772.	14520.
78 531	5404N	16140W	18306.9	34200.6	355.	18.0	19200.	76.	0.0039	1.76	11117.	20020.
78 6 5	5314N	16623W	17767.5	34865.2	355.	17.0	19200.	73.	0.0038	3.52	5473.	9900.
78 6 2	5354N	16328W	18185.9	34464.9	98.	16.5	19200.	41.	0.0021	2.20	3751.	17380.
78 414	5340N	16430W	18062.9	34622.5	328.	17.5	22260.	46.	0.0021	8.91	7566.	11660.
79 524	5233N	16919W	17095.9	35090.2	342.	16.6	20720.	40.	0.0019	7.70	15235.	21560.
78 417	5345N	16455W	18009.0	34680.8	317.	16.5	22260.	27.	0.0012	5.17	6101.	11000.
79 525	5221N	17005W	16872.4	35117.2	314.	18.5	20720.	17.	0.0008	2.86	7009.	22000.
78 4 4	5446N	16527W	18275.4	34638.7	101.	15.5	20580.	13.	0.0006	1.32	2221.	8800.
78 4 1	5446N	16528W	18274.4	34641.1	104.	17.0	20580.	9.	0.0004	1.21	1359.	10560.
78 4 3	5444N	16522W	18271.9	34630.6	104.	18.0	20580.	9.	0.0004	1.21	1332.	10780.
78 411	5448N	16536W	18275.1	34656.4	104.	16.5	20580.	7.	0.0003	1.65	619.	5940.
79 4 9	5431N	16536W	18200.6	34680.4	88.	13.6	21840.	3.	0.0001	0.80	470.	3740.
78 4 9	5445N	16524W	18274.1	34633.4	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	YHM#0	LAT	LONG	AFFRCK 7X	LORAN-C 7Y	RATES 7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	BISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 7 18	5557N	17003W	17003W	18232.5	35124.5	49789.1	355	21.0	16800	29664	1.7657	11.16	881	33440
79 7 18	5557N	17003W	17003W	17333.6	35081.2	48576.3	437	21.7	19950	24826	1.2444	11.14	539	27060
79 7 18	5557N	17003W	17003W	17363.5	35075.9	48559.6	383	17.5	21280	24490	1.1508	11.35	1802	28380
79 7 20	5536N	16847W	16847W	18271.8	35021.6	49371.1	383	12.0	19200	19371	1.0089	10.48	1802	21120
79 7 26	5312N	16904W	16904W	17354.9	35076.8	48560.4	383	16.2	19000	17650	0.9290	12.76	549	19140
79 7 27	5558N	16946W	16946W	18288.8	35107.5	49727.6	394	15.0	17220	14954	0.8707	11.54	8707	31020
79 7 27	5318N	16905W	16905W	17385.3	35077.3	48982.0	383	18.5	21280	17289	0.8124	11.66	1376	20460
79 7 25	5536N	16843W	16843W	18279.2	35013.3	49351.3	301	18.0	21280	15625	0.7343	10.22	307	16060
79 7 17	5450N	16659W	16659W	18189.1	34843.6	48669.0	153	16.2	19950	13731	0.6882	10.65	1850	33660
79 7 2	5319N	16902W	16902W	17460.1	35074.6	49573.6	328	16.0	21280	14446	0.6789	9.13	832	16280
79 7 31	5320N	16902W	16902W	17405.7	35074.5	48576.6	437	15.5	21280	14176	0.6661	10.97	1455	15620
79 7 1	5318N	16907W	16907W	17379.1	35079.1	48589.6	437	15.5	21280	13645	0.6412	11.49	1058	15400
79 7 23	5507N	16753W	16753W	18193.8	34938.6	49102.2	383	11.0	16800	10617	0.6320	13.18	2605	13420
79 7 5	5601N	16836W	16836W	18442.3	34974.5	49399.5	153	17.4	17727	10942	0.6172	8.40	4406	38060
79 7 11	5624N	17125W	17125W	18075.6	35091.0	50101.3	410	18.5	18400	10974	0.5964	10.00	5587	18260
79 7 29	5318N	16907W	16907W	17379.1	35079.1	48589.6	383	16.7	20000	11887	0.5943	11.68	312	12540
78 7 31	5558N	16935W	16935W	18318.7	35092.9	49681.2	361	16.5	20000	8786	0.4393	9.97	553	11660
78 7 28	5312N	16902W	16902W	17361.0	35075.0	48552.0	383	15.3	19000	7959	0.4189	9.27	440	9900
79 7 6	5612N	16909W	16909W	18463.1	35038.6	49613.4	153	15.7	18240	7619	0.4177	8.15	4487	46200
79 7 8	5614N	17106W	17106W	18107.3	35122.5	50437.4	383	16.3	19400	7479	0.4065	10.51	5389	13860
79 7 2	5453N	16705W	16705W	18192.0	34852.9	48708.9	164	12.0	16800	6315	0.3759	11.24	6752	13860
79 7 15	5530N	16821W	16821W	18280.5	34974.7	49219.1	180	17.3	16800	6157	0.3723	10.93	1204	32340
79 7 3	5500N	16727W	16727W	18198.4	34891.8	48845.5	164	15.5	18240	6684	0.3665	7.95	1739	30140
78 7 30	5532N	16827W	16827W	18282.8	34955.3	49256.6	383	16.2	20000	5817	0.3298	8.66	1056	26620
79 7 7	5608N	17035W	17035W	18201.5	35138.2	49541.7	410	21.2	16560	4405	0.2660	13.54	4415	10560
79 7 16	5534N	16629W	16629W	18291.5	34967.6	49273.6	235	16.3	16800	4442	0.2644	4.38	1456	27500
79 7 22	5611N	16923W	16923W	18432.4	35068.0	49679.7	372	10.0	17640	4123	0.2337	9.18	5221	10340
79 7 7	5519N	16752W	16752W	18263.0	34924.3	49032.6	153	16.6	19950	3222	0.1615	6.25	1521	47960
78 7 25	5610N	16919W	16919W	18433.1	35060.9	49655.2	301	19.4	20000	3222	0.1611	14.30	689	4620
79 7 4	5511N	16743W	16743W	18232.1	34913.7	48561.4	159	15.8	18240	2376	0.1303	6.98	1100	37620
79 7 12	5416N	16023W	16023W	18391.6	33990.2	46306.6	93	18.0	16800	2082	0.1239	2.43	1023	15180
79 7 15	5507N	16740W	16740W	18214.6	34911.7	48534.0	235	16.0	16800	1913	0.1139	5.58	4054	25300
78 7 6	5536N	16935W	16935W	18163.2	35096.6	49589.4	115	15.0	17220	1951	0.1133	9.00	7351	26620
78 7 7	5419N	16046W	16046W	18302.3	34039.6	46443.2	98	13.0	15540	1434	0.0923	1.79	1273	19140
78 7 21	5425N	15948W	15948W	18425.8	33693.0	46092.9	77	15.0	17220	1370	0.0796	2.64	1354	63360
78 7 15	5417N	16034W	16034W	18393.3	34018.2	46372.7	98	13.0	11275	788	0.0699	2.76	86	9680
78 7 30	5616N	16933W	16933W	18447.2	35083.9	49747.9	170	16.3	20000	1353	0.0676	5.62	2237	17820
79 7 13	5408N	16136W	16136W	18320.3	34186.2	46755.2	82	17.0	16800	1049	0.0625	5.70	2669	16720
79 7 17	5558N	16840W	16840W	18419.1	34987.6	49411.4	224	17.0	16800	1046	0.0623	5.13	1382	31460
79 7 18	5436W	15835W	15835W	18479.5	33700.7	45640.4	120	10.5	16800	1037	0.0618	3.01	3046	33440
78 7 5	5426N	16613W	16613W	18131.0	33775.5	48364.2	301	8.0	12950	797	0.0615	10.43	413	3080
79 7 16	5435N	15841W	15841W	18475.3	33716.7	45883.3	104	11.0	16800	933	0.0556	2.62	574	28600
78 7 2	5417N	16100W	16100W	18369.1	34076.7	46527.6	82	17.5	17520	961	0.0548	2.36	1636	16500
79 7 7	5442N	15802W	15802W	18502.7	33611.8	45442.6	363	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 YMPDD	LAT	LONG	APPRCX 7X	LOMAN-C 7Y	PULSE 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)
78 025	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.	8200.
78 828	5606N	16929W	18386.1	35081.2	45687.7	164.	16.3	20000.	822.	0.0411	9.24	1237.	17820.
79 517	5434N	15841W	18473.1	33719.9	45684.7	120.	11.4	16900.	671.	0.0399	2.45	257.	28600.
78 6 3	5555N	16846W	18392.0	35004.3	49433.1	153.	17.0	20000.	795.	0.0398	3.07	2768.	12320.
78 812	5516N	16749W	18250.7	34921.4	49007.8	197.	18.2	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	623.	880.
78 614	5435N	16639W	18206.0	34889.9	48188.3	175.	17.5	20000.	658.	0.0329	6.92	623.	17160.
78 7 8	5417N	16123W	18356.1	34128.9	46664.9	88.	13.0	15540.	566.	0.0326	2.41	563.	13640.
78 6 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	35091.7	45698.2	164.	17.4	20000.	603.	0.0302	8.88	1643.	16500.
78 819	5422N	16605W	18216.5	34734.6	48152.1	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 9 21	5418N	16046W	18375.6	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	35078.2	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	1810.	13640.
78 723	5430N	15940W	18441.3	33860.0	46040.6	77.	15.5	20000.	408.	0.0204	2.75	685.	14300.
79 716	5616N	16937W	18438.9	35090.6	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.	16.8	20000.	347.	0.0174	5.67	1036.	13200.
78 821	5619N	16940W	18453.7	35094.8	49793.0	164.	18.5	20000.	343.	0.0171	3.62	1034.	22440.
78 711	5428N	15928W	18441.6	33840.0	45970.8	104.	15.4	23200.	353.	0.0169	2.66	44.	14960.
78 9 7	5417N	16118W	18355.1	34117.5	46635.1	71.	16.5	19200.	323.	0.0168	2.42	925.	14520.
78 910	5447N	15832W	18503.4	33656.7	45613.0	98.	17.9	20160.	313.	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	18290.5	34252.5	46502.4	279.	16.5	21280.	329.	0.0155	6.11	7835.	21560.
78 9 8	5607N	16203W	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	45646.6	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	4288.	22660.

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

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

DATE YYMMDD	LAT	LONG	APPRX 7X	LORAN-C 7Y	PULSE 7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET HOOK (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	0.0112	2.64	869.	20900.
78 825	5425N	15900W	18446.1	33785.4	45808.4	334.	18.0	19200.	206.	0.0107	0.0107	4.00	41595.	48620.
79 710	5616N	16935W	18443.1	35087.4	49757.2	109.	12.0	13800.	145.	0.0105	0.0105	6.34	1993.	21780.
78 9 4	5601N	16940W	18325.7	35099.3	49715.5	90.	15.0	17220.	179.	0.0104	0.0104	2.20	388.	14740.
79 7 7	5448N	15931W	18486.2	33783.9	45568.9	377.	16.0	27000.	280.	0.0104	0.0104	3.57	13250.	18040.
78 8 1	5553N	16854W	18366.6	35023.0	49467.2	137.	16.0	20000.	202.	0.0101	0.0101	3.41	846.	9900.
78 823	5616N	16940W	18432.4	35095.8	49780.1	167.	17.3	20000.	191.	0.0096	0.0096	2.21	622.	17600.
79 725	5359N	16303W	18226.8	34399.0	47250.7	328.	16.5	21280.	201.	0.0094	0.0094	6.05	10942.	20900.
79 818	5407N	16215W	18291.6	34272.6	46573.4	301.	17.5	14400.	134.	0.0093	0.0093	5.76	4846.	13640.
79 718	5404N	16200W	18293.1	34245.7	46884.8	295.	16.2	18400.	171.	0.0093	0.0093	4.09	7291.	22440.
78 822	5415N	16040W	18374.7	34037.1	46409.4	350.	15.0	17220.	156.	0.0091	0.0091	4.99	19961.	34540.
77 924	5357N	16244W	18236.2	34360.6	47139.7	448.	11.5	14000.	126.	0.0090	0.0090	6.16	5795.	16500.
79 820	5111N	16637W	17724.9	34890.2	48325.4	328.	16.0	12600.	115.	0.0091	0.0091	3.81	5539.	11660.
78 5 5	5418N	16055W	18374.8	34062.7	46497.4	60.	18.0	19200.	173.	0.0090	0.0090	2.31	523.	14960.
79 827	5414N	16102W	18359.8	34089.3	46540.6	290.	16.3	21280.	188.	0.0089	0.0089	4.12	57382.	60060.
78 816	5424N	15919W	18435.9	33832.5	45521.6	347.	16.0	15990.	141.	0.0088	0.0088	3.30	9708.	21560.
78 8 6	5602N	16823W	18483.6	34940.8	49130.2	153.	16.0	20000.	175.	0.0088	0.0088	2.96	400.	8800.
79 8 5	5400N	16303W	18230.3	34396.9	47251.2	306.	16.5	21280.	181.	0.0085	0.0085	7.04	9832.	19140.
78 710	5420N	15930W	18440.7	33844.4	45582.8	93.	16.0	23200.	197.	0.0085	0.0085	3.12	306.	12320.
78 824	5401N	16300W	18236.4	34388.1	47234.4	328.	16.0	17220.	142.	0.0082	0.0082	5.17	35757.	48840.
75 9 2	5256N	16733W	17523.1	34979.1	48545.6	353.	13.0	14440.	115.	0.0080	0.0080	5.50	13857.	20020.
78 815	5431N	16541W	18194.8	34697.7	48196.0	170.	16.5	20000.	158.	0.0079	0.0079	4.56	844.	11220.
78 820	5449N	15829W	18508.4	33645.7	45592.2	93.	18.2	20160.	148.	0.0073	0.0073	2.64	328.	18700.
78 915	5458N	15830W	18526.1	33617.4	45585.4	88.	17.9	20160.	146.	0.0072	0.0072	2.62	462.	20680.
79 820	5433N	15833W	18473.9	33706.0	45638.8	109.	10.0	16800.	121.	0.0072	0.0072	2.39	250.	14080.
78 716	5448N	15806W	18513.3	33600.3	45456.5	77.	16.0	23200.	167.	0.0072	0.0072	2.57	482.	19580.
78 816	5430N	16539W	18192.7	34694.8	48183.0	159.	16.5	20000.	143.	0.0072	0.0072	4.80	1244.	11880.
75 8 6	5423N	15924W	18431.5	33846.3	45952.3	383.	16.0	21280.	150.	0.0070	0.0070	3.70	13312.	22000.
79 814	5452N	15822W	18516.5	33620.7	45545.0	98.	12.0	17640.	124.	0.0070	0.0070	2.65	1235.	22440.
78 9 4	5418N	16056W	18374.2	34064.9	46503.4	71.	17.5	19200.	130.	0.0068	0.0068	2.31	604.	15840.
79 712	5616N	16935W	18443.1	35067.4	49757.2	169.	15.0	17480.	118.	0.0068	0.0068	12.21	1012.	18480.
78 9 5	5602N	16935W	18344.8	35092.0	49698.1	96.	15.0	17220.	116.	0.0067	0.0067	1.95	917.	18040.
79 7 3	5422N	15935W	18424.3	33873.3	46018.4	317.	18.1	18400.	123.	0.0067	0.0067	2.82	16208.	20020.
79 817	5439N	15819W	18491.2	33657.2	45547.5	98.	12.0	17640.	114.	0.0065	0.0065	4.10	707.	29040.
79 9 7	5403N	16237W	18262.1	34331.7	47101.3	328.	15.5	21280.	135.	0.0063	0.0063	3.96	9684.	21780.
79 9 4	5436N	15831W	18480.9	33692.2	45622.8	98.	15.0	21280.	134.	0.0063	0.0063	2.79	502.	56760.
78 811	5448N	15828W	18506.7	33646.9	45587.6	77.	18.9	20160.	125.	0.0062	0.0062	2.62	171.	21780.
79 7 8	5434N	15827W	18478.1	33690.1	45602.1	383.	18.0	16800.	96.	0.0057	0.0057	11.00	11203.	22440.
79 7 4	5403N	16150W	18297.0	34225.5	46826.0	380.	17.5	27000.	157.	0.0058	0.0058	3.76	10899.	16500.
78 914	5432N	15859W	18462.1	33764.8	45793.9	93.	19.3	20160.	112.	0.0057	0.0057	2.78	2129.	16280.
79 827	5455N	15822W	18522.4	33610.6	45541.4	98.	16.7	19950.	112.	0.0056	0.0056	3.09	260.	12320.
79 724	5408N	16218W	18292.8	34277.0	46991.3	383.	16.5	23280.	116.	0.0054	0.0054	8.87	11803.	15360.
79 715	5616N	16938W	18436.7	35092.5	49771.0	126.	13.5	13800.	72.	0.0052	0.0052	4.25	1396.	18920.
78 9 1	5405N	16200W	18296.2	34243.3	46884.9	98.	18.0	19200.	99.	0.0052	0.0052	1.89	858.	12540.
79 8 6	5438N	15805W	18493.7	33631.0	45466.6	383.	18.0	15840.	81.	0.0051	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). FLOWNDERS, JULY-SEPTEMBER

DATE YYMMDD	LAT	LONG	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	16935W	104.	13.5	13800.	71.	0.0051	13.64	728.	16500.
78 518	5448N	15827W	98.	18.5	20160.	99.	0.0049	2.61	570.	21780.
79 726	5413N	16115W	301.	16.5	19380.	96.	0.0050	5.45	13539.	18700.
78 5 6	5403N	16200W	372.	15.5	21280.	100.	0.0047	2.26	26083.	36300.
78 822	5615N	16946W	170.	17.5	20000.	50.	0.0045	2.12	978.	9240.
79 7 3	5204N	16655W	301.	17.0	27000.	122.	0.0045	5.98	15283.	23320.
78 824	5609N	16829W	164.	16.3	20000.	91.	0.0046	2.36	354.	1980.
79 727	5404N	16203W	279.	16.0	21280.	94.	0.0044	4.29	7376.	17380.
77 930	5424N	15915W	356.	15.0	18480.	81.	0.0044	2.59	6153.	12760.
78 8 4	5568N	16039W	164.	19.0	20000.	83.	0.0041	2.02	455.	9460.
79 7 5	5617N	16937W	109.	13.3	15640.	64.	0.0041	14.30	1497.	23540.
79 821	5401N	16240W	306.	15.0	21280.	86.	0.0040	3.70	23216.	32340.
78 818	5507N	16739W	159.	16.5	20000.	74.	0.0037	3.08	640.	9460.
79 815	5434N	15838W	88.	11.0	17640.	67.	0.0038	1.96	1017.	20900.
78 714	5429N	15925W	71.	15.4	23200.	84.	0.0036	2.77	950.	9240.
78 921	5458N	15833W	88.	17.3	20160.	71.	0.0035	2.62	154.	22000.
78 8 5	5600N	16830W	153.	16.2	20000.	70.	0.0035	2.03	287.	11440.
79 8 7	5418N	15922W	383.	16.5	21280.	72.	0.0034	2.90	14409.	20460.
79 522	5403N	16205W	427.	13.1	18800.	59.	0.0035	4.18	19529.	29700.
78 8 8	5617N	16941W	153.	16.9	20000.	65.	0.0032	3.03	452.	7260.
79 831	5306N	16851W	410.	14.4	21280.	69.	0.0032	2.14	17132.	27500.
78 913	5446N	15832W	93.	20.9	20160.	61.	0.0030	2.64	501.	30140.
78 723	5423N	15901W	301.	16.5	21280.	65.	0.0031	1.82	19201.	25520.
79 816	5422N	15923W	328.	17.0	14400.	42.	0.0029	3.01	7257.	12760.
79 826	5456N	15820W	98.	14.8	19950.	58.	0.0029	2.20	462.	18700.
79 7 6	5427N	16450W	314.	17.4	27000.	89.	0.0025	1.69	9706.	12320.
79 512	5213N	17042W	355.	21.1	19437.	49.	0.0025	12.76	16744.	22880.
79 824	5453N	15822W	98.	15.9	19950.	50.	0.0025	3.15	481.	18040.
78 8 2	5554N	16850W	126.	15.8	17500.	39.	0.0022	3.63	816.	9680.
77 520	5412N	16055W	432.	12.0	14000.	21.	0.0022	1.32	8650.	16720.
78 916	5447N	15833W	88.	20.6	20160.	43.	0.0022	2.58	342.	25300.
79 7 4	5415N	16015W	355.	18.5	17480.	36.	0.0021	3.08	11965.	20240.
79 831	5440N	15803W	383.	16.3	19950.	41.	0.0020	4.36	9271.	16500.
79 818	5404N	16217W	328.	16.0	12600.	26.	0.0020	5.06	3039.	12980.
79 7 5	5404N	16230W	410.	16.0	27000.	47.	0.0017	2.46	7737.	14960.
79 828	5319N	16603W	383.	14.5	21280.	37.	0.0018	3.81	3023.	10340.
78 823	5408N	16124W	345.	16.0	17220.	29.	0.0015	2.42	20674.	38940.
78 8 5	5618N	16940W	142.	16.0	20000.	29.	0.0015	2.06	585.	8580.
78 724	5405N	16147W	328.	17.1	23200.	70.	0.0013	5.72	2608.	5060.
79 7 2	5440N	15800W	77.	16.1	23200.	21.	0.0009	1.10	1062.	18920.
79 829	5318N	16618W	383.	14.5	18400.	16.	0.0008	1.39	17936.	24860.
75 7 5	5415N	16042W	355.	17.4	18400.	15.	0.0007	1.65	4426.	20460.
79 8 5	5428N	15902W	410.	16.5	21280.	9.	0.0004	1.76	14944.	20460.

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

TABLE B-18. FLOWNDERS, OCTOBER-DECEMBER

DATE	LAT	LONG	APPROX LCRAN-C	PULSE	RATES	DEPTH	HOURS	NUMBER	TARGET	TARGET	TARGET	DISCARDS	TOTAL
YYYYMM			7X	7Y	7Z	(FMS)	SET	OF	CAUCH	CAUCH	MEAN	CAUCH	CAUCH
			*****	*****	*****	****	*****	*****	(LES)	(LBS)	(LBS/FISH)	(LBS)	(LBS)
751114	5320N	16903W	17408.6	35073.6	48372.7	363.	19.0	20000.	33328.	1.6664	10.14	1559.	38060.
751118	5319N	16903W	17397.0	35075.5	48977.4	399.	16.0	20000.	30045.	1.5022	11.27	714.	32560.
791117	5219N	16902W	17400.1	35074.6	48573.6	410.	17.5	17000.	16927.	0.9957	12.65	270.	18700.
791116	5313N	16904W	17360.4	35076.8	48363.4	394.	11.0	11000.	9457.	0.8598	9.50	145.	10780.
791113	5434N	16552W	18195.3	34717.7	48367.5	279.	8.0	8000.	2904.	0.3630	12.84	203.	5500.
791107	5431N	16901W	18455.2	33772.2	45867.0	104.	18.0	15200.	2656.	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	18386.4	34004.8	46337.0	88.	17.0	14000.	1301.	0.0929	2.10	2712.	34540.
791104	5600N	16827W	18447.7	34953.5	49346.6	120.	14.0	18900.	1720.	0.0915	6.47	1546.	17160.
781014	5424N	15948W	18423.4	33995.9	46093.8	98.	14.0	19200.	1669.	0.0869	3.19	258.	22000.
781201	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	18078.7	35075.6	50122.8	145.	13.6	18000.	1318.	0.0701	10.18	2501.	19140.
781031	5455N	15826W	18521.3	33615.1	45565.5	58.	17.0	14000.	876.	0.0626	3.06	932.	37180.
781013	5423N	15947W	18421.4	33896.6	46088.7	107.	15.0	20160.	1107.	0.0545	4.25	776.	29040.
791107	5603N	16824W	18466.1	34941.8	49338.8	139.	9.5	11750.	618.	0.0526	4.03	2378.	19140.
781204	5609N	16941W	18380.2	35099.2	49754.3	115.	13.0	7600.	347.	0.0456	9.55	982.	16720.
791206	5440N	15823W	18491.9	33662.4	45564.6	120.	12.0	15200.	665.	0.0437	2.94	995.	41800.
791111	5454N	15827W	18515.0	33624.6	45573.0	99.	15.0	20000.	829.	0.0414	2.48	2036.	22880.
781123	5466N	16155W	18302.8	34229.6	48855.5	342.	17.0	15200.	622.	0.0409	4.62	6076.	22220.
781019	5410N	16215W	18301.4	34265.4	46574.4	58.	14.0	19200.	773.	0.0403	3.63	1713.	21340.
781025	5406N	16143W	18311.0	34202.4	48784.8	112.	12.0	14400.	566.	0.0393	3.64	600.	17600.
781205	5604N	16939W	18345.4	35097.4	49724.1	115.	17.3	15200.	582.	0.0383	3.36	887.	21120.
781205	5602N	15836W	18532.3	33616.5	45616.5	58.	16.0	14000.	520.	0.0372	2.52	516.	37400.
791105	5450N	15812W	18515.5	33606.3	45489.0	93.	18.0	19600.	679.	0.0346	2.27	635.	23760.
791103	5604N	16816W	18475.9	34924.6	49307.4	112.	13.8	18800.	645.	0.0343	4.31	679.	18920.
791105	5555N	16844W	18395.1	34999.9	45422.6	123.	15.0	18800.	631.	0.0336	4.02	2679.	18480.
791029	5444N	15800W	18507.3	33601.0	45427.6	93.	13.6	18800.	558.	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	18075.1	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	2.55	1049.	27500.
781207	5603N	16937W	18347.1	35094.7	49711.1	118.	17.3	15200.	426.	0.0280	7.11	1518.	23540.
791106	5555N	16851W	18384.1	35015.0	45459.0	131.	15.1	18800.	517.	0.0275	4.16	1870.	21340.
791205	5430N	15903W	18458.1	33775.6	45620.0	120.	12.0	15200.	417.	0.0274	2.79	407.	27500.
781012	5425N	15841W	18475.3	33716.7	45683.3	109.	16.5	14800.	394.	0.0273	2.77	264.	25960.
791108	5555N	16852W	18382.5	35017.2	45464.2	120.	15.6	18800.	502.	0.0267	5.69	630.	12540.
791105	5600N	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.
791203	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.
791102	5616N	16929W	18455.0	35076.6	45728.9	109.	12.6	18800.	461.	0.0245	3.51	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	18505.0	33641.4	45580.2	104.	16.5	14400.	324.	0.0225	4.36	851.	29040.
781104	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	2.86	2046.	12320.

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

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

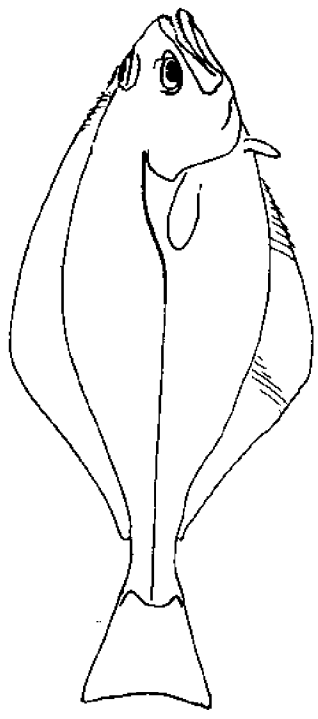
DATE YYMMDD	LAT	LONG	APPROX LORAN-C 7X	7Y	PULSE RZ	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET HOOK (LBS)	TARGET CATCH PER HOOK (LBS)	MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
791230	5440N	15817W	10493.0	33649.9	45534.2	137.	12.0	16000.	332.	0.0208	0.0208	2.38	754.	54560.
791231	5442N	15810W	10500.2	33628.5	45489.7	148.	12.5	16000.	325.	0.0203	0.0203	2.93	1071.	57200.
781021	5416N	16124W	10352.7	34132.8	46671.1	104.	16.0	19200.	379.	0.0197	0.0197	3.33	1305.	29700.
791117	5447N	15818W	10507.7	33629.0	45529.4	104.	14.0	17500.	328.	0.0187	0.0187	3.16	584.	24860.
781123	5435N	15831W	10478.8	33695.4	45624.2	301.	19.0	15120.	282.	0.0187	0.0187	3.74	12611.	21120.
781121	5416N	16036W	10378.5	34029.9	46397.0	342.	16.0	15200.	264.	0.0174	0.0174	5.13	12448.	28600.
781127	5422N	15810W	10458.9	33691.7	45591.7	96.	14.0	12600.	214.	0.0170	0.0170	2.20	1583.	11660.
781117	5450N	15828W	10510.7	33640.2	45584.8	98.	18.0	14000.	235.	0.0168	0.0168	1.76	547.	4400.
781026	5450N	15831W	10509.8	33646.6	45602.8	93.	16.0	14400.	225.	0.0156	0.0156	3.58	717.	22880.
781022	5400N	16123W	10306.3	34172.3	46668.0	109.	15.0	19200.	298.	0.0155	0.0155	3.03	401.	29820.
781218	5604N	16937W	10354.2	35094.5	49715.3	118.	17.0	15200.	220.	0.0145	0.0145	3.82	915.	20680.
781019	5453N	15931W	10515.9	33636.5	45598.5	93.	16.5	14400.	196.	0.0136	0.0136	4.43	375.	34100.
791117	5417N	16120W	10357.9	34122.1	46547.0	88.	15.0	19600.	263.	0.0134	0.0134	2.72	4633.	21340.
781020	5449N	15826W	10509.3	33639.3	45574.2	109.	15.0	14400.	193.	0.0134	0.0134	3.26	639.	27500.
791111	5448N	15821W	10508.8	33632.0	45545.8	104.	14.5	19600.	260.	0.0132	0.0132	2.37	682.	23320.
791110	5447N	15822W	10506.5	33637.4	45553.2	104.	15.0	19600.	257.	0.0131	0.0131	3.05	581.	31900.
791016	5422N	15932W	10425.6	33866.7	46000.6	328.	17.0	15200.	194.	0.0128	0.0128	2.42	31917.	45320.
781212	5601N	16939W	10328.1	35098.0	49711.2	109.	17.5	15200.	190.	0.0125	0.0125	3.99	2862.	21120.
781128	5605N	16928W	10381.3	35079.9	49679.0	104.	14.0	15200.	185.	0.0122	0.0122	7.48	1685.	19360.
781112	5444N	15827W	10498.9	33657.9	45587.5	104.	18.0	15120.	178.	0.0118	0.0118	5.12	480.	21780.
781215	5615A	16944W	10416.1	35102.2	49793.5	118.	17.0	15200.	175.	0.0115	0.0115	7.19	1736.	20680.
781116	5439N	15827W	10488.6	33674.1	45594.8	123.	16.0	15120.	171.	0.0113	0.0113	2.11	365.	24200.
791125	5439A	15818W	10491.5	33655.1	45541.6	115.	13.0	16000.	179.	0.0112	0.0112	2.27	581.	38060.
791113	5628N	17126W	10095.3	35083.8	50115.7	131.	14.5	18800.	207.	0.0110	0.0110	6.43	520.	11880.
781017	5445A	15824W	10501.8	33646.3	45568.1	104.	17.0	14400.	150.	0.0109	0.0109	3.70	600.	31680.
781115	5444A	15809W	10504.5	33619.9	45480.6	104.	16.0	15200.	165.	0.0109	0.0109	2.37	769.	23320.
781014	5444A	15824W	10495.8	33651.5	45569.6	115.	17.0	14400.	154.	0.0107	0.0107	2.17	2404.	29480.
781026	5406N	16149W	10306.9	34216.0	46820.2	98.	15.0	19200.	202.	0.0105	0.0105	3.11	1609.	20460.
791114	5541N	15814W	10538.2	33573.0	45484.1	88.	14.0	19600.	191.	0.0097	0.0097	2.34	761.	22880.
781124	5440N	15802W	10498.7	33616.3	45445.9	322.	17.0	15120.	143.	0.0095	0.0095	3.05	15883.	22880.
791110	5454A	15826W	10519.3	33622.5	45567.0	98.	15.5	20000.	189.	0.0094	0.0094	1.54	841.	27720.
781030	5435N	15834W	10477.8	33701.8	45641.9	98.	18.0	14000.	131.	0.0094	0.0094	3.52	57.	22000.
781126	5416N	16013W	10391.4	33974.2	46248.6	342.	18.0	15200.	142.	0.0094	0.0094	7.70	17578.	32560.
781115	5449N	15817W	10512.0	33620.2	45520.4	93.	15.0	19200.	164.	0.0085	0.0085	3.08	775.	23540.
791119	5458A	15827W	10526.9	33611.0	45567.2	104.	15.0	20000.	169.	0.0084	0.0084	1.42	477.	23540.
781120	5442N	15821W	10496.7	33651.7	45554.8	96.	16.0	15120.	128.	0.0084	0.0084	2.42	975.	16500.
781114	5442N	15807W	10501.1	33622.2	45472.1	101.	16.0	15200.	127.	0.0084	0.0084	3.47	669.	25300.
791214	5423N	15944W	10422.7	33890.0	46070.8	109.	12.0	15200.	126.	0.0083	0.0083	2.78	321.	21780.
791115	5446A	15823W	10504.2	33642.9	45560.7	104.	14.0	19600.	159.	0.0079	0.0079	2.77	477.	24420.
791020	5406N	16151W	10305.6	34220.5	46631.9	98.	16.0	18240.	138.	0.0076	0.0076	3.21	527.	33660.
791114	5615A	17111W	10085.4	35117.2	50050.0	178.	15.1	18800.	127.	0.0068	0.0068	5.49	541.	14520.
781119	5446A	15819W	10505.4	33634.4	45536.9	90.	17.0	15120.	96.	0.0063	0.0063	3.59	375.	30140.
781216	5615A	16945W	10413.7	35103.7	49797.6	118.	17.0	15200.	94.	0.0062	0.0062	2.158.	2158.	23100.
791118	5453A	15806W	10523.0	33583.5	45448.4	66.	7.0	9000.	48.	0.0060	0.0060	2.33	504.	4620.
781013	5443A	15822W	10498.4	33650.6	45559.2	109.	17.0	14400.	77.	0.0054	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 YMPDC	LAT	LONG	AFFRCX 7X	LRAN-C 7Y	PULSE 7Z	DEPTH (FMS)	HOURS SET	NUMBER CF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
781112	5455N	15823W	16522.1	33612.7	45547.4	104.	16.1	15200.	81.	0.0053	1.67	338.	21240.
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	46767.4	82.	11.0	14400.	72.	0.0050	2.31	1673.	16060.
781128	5416N	16130W	18345.1	34147.5	46705.9	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.
7910 8	5502N	15828W	18534.4	33595.3	45567.6	109.	18.0	15200.	56.	0.0037	2.14	303.	25520.
7811 6	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	34216.2	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.
7911 8	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	45575.9	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	681.	39160.
781016	5509N	15856W	18540.8	33635.3	45730.7	98.	5.5	4680.	13.	0.0028	0.56	39.	2640.
7811 2	5501N	15812W	18536.7	33588.7	45472.0	88.	14.0	19200.	49.	0.0025	3.08	418.	29480.
791119	5406N	16214W	18285.3	34272.7	46967.3	82.	12.0	15200.	37.	0.0025	1.84	816.	6820.
7812 1	5601N	16936W	18335.4	35093.7	48698.2	107.	17.5	15200.	26.	0.0017	5.28	1628.	17600.
7811 1	5509N	15823W	18549.0	33564.0	45527.1	93.	14.0	19200.	22.	0.0012	1.69	471.	14520.
7811 8	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.
7811 4	5451N	15809W	18518.3	33596.6	45469.5	82.	13.0	19200.	13.	0.0007	2.20	305.	23100.
7911 6	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 LRAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***



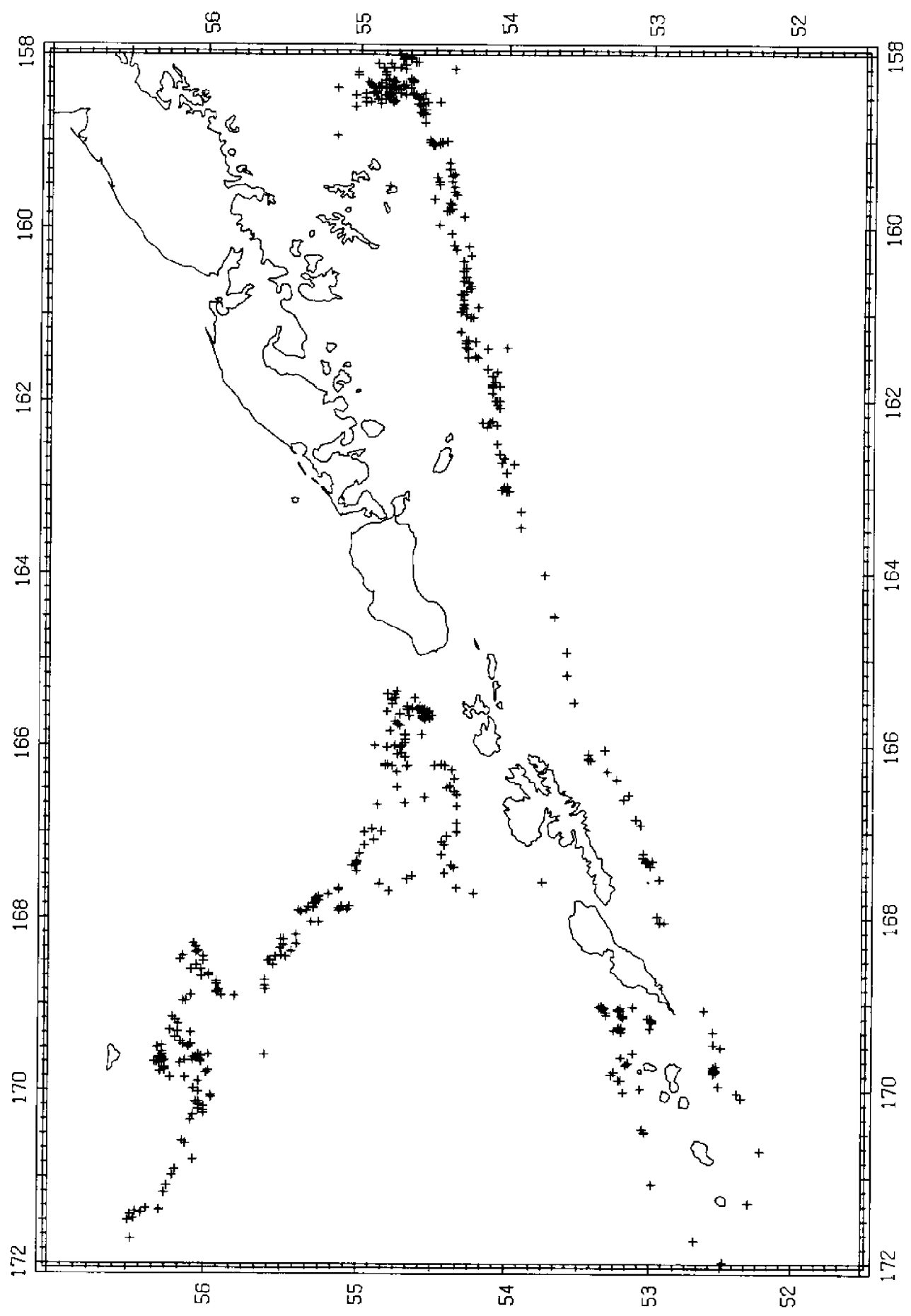


FIGURE B-4. FLOUNDERS, ALL MONTHS, 1977-1979

TABLE B-19. ROCKFISH, JANUARY-MARCH

DATE YPMDD	LAT	LONG	APPROX 7X	LORAN-C 7Y	PULSE 7Z	RATES	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.	1609.	0.1058	2.02	716.	21120.	
79 322	5254N	16724W	17565.4	34965.7	48515.0	109.	19.0	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	3.85	15589.	20020.	
79 1 6	5408N	16203W	18290.9	34256.5	46502.4	98.	15.0	20000.	1340.	0.0674	3.28	1258.	13860.	
79 316	5301N	16721W	17577.6	34561.1	48504.9	109.	20.0	20520.	1315.	0.0641	2.98	893.	32560.	
79 318	5259N	16720W	17569.9	34980.6	48495.7	492.	22.7	18900.	1066.	0.0564	2.82	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	48347.1	126.	14.0	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.	0.0430	4.31	54131.	63140.	
78 1 1	5415N	16023W	18383.7	33999.2	48108.5	355.	18.0	13200.	561.	0.0475	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	18860.	26180.	
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	11655.	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	323.	16.0	17100.	508.	0.0297	3.16	6174.	9900.	
79 2 8	5609N	16926W	18413.0	35074.7	45686.0	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	48538.2	137.	11.0	15680.	367.	0.0234	3.54	618.	19360.	
79 3 7	5204N	16959W	17126.2	35115.6	49132.7	273.	15.0	11988.	265.	0.0221	5.21	7270.	16280.	
79 3 9	5258N	16803W	17443.3	35016.3	48673.1	98.	16.5	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	18266.3	34961.6	45153.2	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	35085.1	48973.7	410.	19.0	16960.	327.	0.0193	3.38	1537.	8800.	
79 310	5254N	16803W	17434.9	35016.7	48567.9	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.	9480.	
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.	263.	0.0134	2.94	2952.	20240.	
79 3 4	5312N	16919W	17307.3	35085.3	49016.5	437.	20.4	18900.	231.	0.0122	5.12	1006.	19360.	
79 216	5226N	16823W	18253.7	34982.3	49216.5	383.	18.0	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	49947.9	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 7X	LORAN-C 7Y	PULSE 7Z	DEPTH (FMS)	HOURS SET	NUMBER 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	45029.5	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	45692.3	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.	0.0096	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	363.	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	48543.4	115.	17.0	7560.	28.	0.0037	2.86	909.	20240.
79 228	5421N	16632W	18075.2	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	33789.1	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	169.	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	693.	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	16946W	16996.5	35108.8	49005.1	93.	7.0	10000.	5.	0.0005	3.30	250.	10120.
79 119	5500N	16721W	18205.4	34679.0	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	LAT	LONG	APPROX LORAN-C 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET HOOK (LBS)	TARGET CATCH PER HOOK (LBS)	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	0.1230	1.95	1987.	18920.
79 6 5	5307N	16934W	17229.8	35100.5	49055.6	273.	16.0	14400.	1397.	0.0970	0.0970	3.26	3846.	11660.
78 6 4	5337N	16930W	17948.8	48034.1	361.	361.	20.0	19200.	1393.	0.0726	0.0726	1.19	86639.	100100.
79 6 11	5421N	16937W	18421.0	33880.6	46031.2	328.	17.0	19200.	1216.	0.0634	0.0634	1.37	23206.	26180.
79 6 10	5404N	16144W	18304.2	34209.6	46790.8	328.	16.0	19200.	1109.	0.0578	0.0578	0.96	11681.	16940.
78 6 3	5335N	16511W	17986.2	34712.8	47937.6	345.	16.0	19200.	1008.	0.0525	0.0525	1.85	3252.	17380.
78 6 2	5354N	16328W	18185.5	34464.9	47391.1	98.	18.5	19200.	952.	0.0496	0.0496	1.17	3751.	17380.
78 4 17	5335N	16455W	18009.0	34680.8	47852.3	317.	16.5	22260.	1005.	0.0452	0.0452	1.46	6101.	11000.
78 4 19	5332N	16530W	17944.3	34753.5	48032.4	306.	16.4	22260.	983.	0.0442	0.0442	1.46	7369.	14960.
78 4 15	5344N	16401W	18113.5	34554.8	47568.3	317.	16.9	22260.	953.	0.0428	0.0428	2.38	4772.	14520.
79 4 10	5315N	16947W	17230.6	35109.0	49125.6	328.	14.0	14134.	585.	0.0414	0.0414	2.54	2746.	14740.
78 4 16	5354N	16317W	18190.4	34440.5	47328.1	328.	17.5	22260.	878.	0.0394	0.0394	1.73	6492.	15400.
78 6 6	5340N	16430W	18062.9	34622.5	47723.8	339.	13.5	19200.	710.	0.0370	0.0370	1.96	5819.	11220.
78 5 30	5414N	16109W	18355.7	34105.1	46582.2	328.	15.0	20160.	725.	0.0359	0.0359	1.37	17605.	21780.
79 5 29	5518N	16803W	18240.1	34948.7	49087.6	410.	16.0	19200.	670.	0.0349	0.0349	5.28	630.	9460.
79 5 25	5221N	17005W	16872.4	35117.2	49027.7	314.	18.5	20720.	559.	0.0270	0.0270	2.05	7009.	22000.
78 5 31	5404N	16140W	18306.9	34200.6	46767.2	355.	18.0	19200.	567.	0.0264	0.0264	1.18	11117.	20020.
79 5 5	5617N	17123W	18040.8	35101.8	50075.4	328.	17.4	23520.	580.	0.0247	0.0247	2.85	5736.	16280.
79 6 2	5515N	16883W	18222.9	34951.5	49078.4	342.	17.0	20720.	482.	0.0233	0.0233	3.40	1554.	10780.
79 4 11	5420N	16634W	18071.2	34826.6	48464.0	427.	14.0	20475.	436.	0.0213	0.0213	2.46	85147.	92840.
79 6 6	5259N	16912W	17257.9	35084.2	48952.4	334.	17.0	19200.	352.	0.0204	0.0204	2.98	735.	7260.
78 6 11	5312N	16937W	17247.8	35102.5	49081.4	328.	16.0	15540.	367.	0.0198	0.0198	3.79	1523.	7920.
79 6 7	5310N	16942W	17219.5	35105.8	49092.6	246.	16.0	16800.	299.	0.0178	0.0178	2.77	3232.	10780.
78 4 14	5340N	16430W	18062.9	34622.5	47723.8	328.	17.5	22260.	389.	0.0175	0.0175	1.21	7566.	11660.
79 5 30	5605N	16854W	18441.7	35012.0	49509.8	328.	14.0	16800.	284.	0.0169	0.0169	5.06	2797.	10780.
79 5 28	5628N	17143W	17997.3	35054.5	50130.5	355.	16.0	16800.	272.	0.0162	0.0162	9.75	905.	25520.
79 4 6	5313N	16916W	17322.6	35086.9	49008.4	372.	13.5	18130.	282.	0.0156	0.0156	5.22	1028.	10780.
79 4 11	5451N	16736W	18133.0	34919.4	48867.7	465.	12.0	16200.	228.	0.0140	0.0140	2.34	4985.	11000.
79 5 27	5420N	16642W	18058.6	34842.6	48506.2	399.	16.0	19200.	263.	0.0137	0.0137	3.38	1414.	16500.
79 6 15	5223N	17003W	16890.1	35116.4	49026.7	342.	22.1	19795.	240.	0.0121	0.0121	2.46	11098.	13420.
79 5 23	5602N	17001W	18275.3	35123.0	49804.1	355.	13.0	16800.	190.	0.0113	0.0113	4.29	3702.	21120.
79 5 4	5604N	17048W	18118.0	35136.3	49957.5	437.	18.3	23520.	257.	0.0109	0.0109	3.05	8462.	12760.
79 6 10	5605N	16836W	18465.6	34969.1	49412.1	364.	20.0	19018.	195.	0.0102	0.0102	6.33	441.	16060.
79 5 25	5259N	16911W	17261.1	35083.4	48948.7	328.	16.0	19200.	195.	0.0102	0.0102	2.08	1101.	12320.
78 6 5	5314N	16623W	17767.5	34865.2	48264.6	355.	17.0	19200.	184.	0.0096	0.0096	0.88	5473.	9900.
79 5 24	5233N	16919W	17095.9	35090.2	48904.6	342.	16.6	20720.	175.	0.0084	0.0084	1.71	15235.	21560.
79 6 9	5603N	16833W	18457.7	34964.5	49389.2	355.	20.3	20720.	170.	0.0082	0.0082	4.54	1888.	17600.
79 6 12	5601N	16841W	18435.7	34986.4	49426.7	342.	18.2	20720.	169.	0.0081	0.0081	5.32	697.	24420.
78 6 13	5259N	17105W	16843.7	35137.0	49320.9	355.	21.0	16650.	129.	0.0078	0.0078	4.40	2760.	7040.
79 6 3	5528N	16827W	18258.7	34988.6	49243.3	342.	20.2	20720.	144.	0.0070	0.0070	3.65	272.	11880.
79 5 28	5217N	17034W	16742.2	35128.4	49107.2	328.	20.2	20720.	139.	0.0067	0.0067	1.90	5075.	7260.
79 6 30	5241N	17144W	16578.9	35138.0	49372.2	410.	19.0	27000.	159.	0.0059	0.0059	3.88	12184.	18920.
79 5 30	5221N	16902W	17411.4	35074.4	48979.6	454.	17.0	19200.	112.	0.0059	0.0059	6.33	373.	16060.
79 4 12	5515N	16745W	18251.2	34913.6	48983.5	260.	15.5	18500.	96.	0.0052	0.0052	3.89	4799.	13860.
79 5 24	5309N	16941W	17217.3	35105.2	49086.3	410.	16.0	19200.	99.	0.0051	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 YYMPDD	LAT	LONG	AFFROX 7X	LORAN-C 7Y	PULSE 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	16448.9	35137.0	49375.6	301.	8.2	7770.	37.	0.0048	4.25	2998.	5280.
79 620	5312N	16919W	17307.3	35089.3	49516.5	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.	16050.
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	34875.5	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	49509.1	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	49621.8	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***

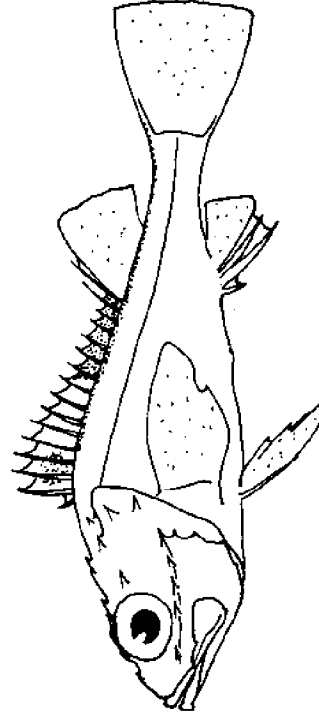


TABLE B-21. ROCKFISH, JULY-SEPTEMBER

DATE YYMMDD	LAT	LONG	AFFRX 7X	LORAN-C 7Y	RATE f/z	DEPTH (FMS)	HOURS SET	NUMBER HOOKS	SET	TARGET CATCH (LBS)	TARGET HOOK (LBS)	TARGET CATCH PER HOOK (LBS)	MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
77 922	5403N	16237W	18262.1	34331.7	47101.3	336.	11.5	14000.	0.2150	3010.	0.2150	0.2150	1.42	4303.	14080.
78 824	5401N	16300W	18236.4	34388.1	47234.4	328.	16.0	17220.	0.2072	3569.	0.2072	0.2072	1.53	35797.	48840.
79 9 7	5403N	16237W	18262.1	34331.7	47101.3	328.	15.5	21280.	0.2070	4405.	0.2070	0.2070	2.39	9684.	21780.
79 728	5404N	16203W	18290.5	34252.5	46502.4	275.	16.5	21280.	0.1886	4012.	0.1886	0.1886	1.92	7835.	21560.
79 818	5407N	16215W	18291.8	34272.6	46573.4	301.	17.5	14400.	0.1600	2304.	0.1600	0.1600	2.05	4046.	13640.
79 727	5404N	16203W	18290.5	34252.5	46502.4	279.	16.0	21280.	0.1579	3361.	0.1579	0.1579	2.09	7376.	17380.
79 8 7	5418N	15952W	18406.7	33922.2	46122.7	303.	16.5	21280.	0.1566	3333.	0.1566	0.1566	1.67	14409.	20460.
78 816	5424N	15919W	18435.9	33832.5	45921.6	347.	16.0	15950.	0.1326	2121.	0.1326	0.1326	1.18	9708.	21560.
75 8 6	5423N	15924W	18431.5	33846.3	45552.3	303.	16.0	21280.	0.1249	2659.	0.1249	0.1249	1.33	13312.	22000.
79 5 8	5402N	16243W	18253.9	34347.5	47136.0	328.	15.0	21280.	0.1242	2643.	0.1242	0.1242	1.06	12925.	25080.
75 7 6	5434N	15827W	18478.1	33690.1	45602.1	323.	18.0	16800.	0.1214	2040.	0.1214	0.1214	1.51	11203.	22440.
79 725	5359N	16303W	18226.8	34399.0	47250.7	328.	16.5	21280.	0.1178	2506.	0.1178	0.1178	1.01	10942.	20900.
77 520	5412N	16055W	18358.2	34078.9	46499.7	432.	12.0	14000.	0.1168	1635.	0.1168	0.1168	1.16	8650.	16720.
77 524	5357N	16244W	18236.2	34300.6	47139.7	448.	11.5	14000.	0.1160	1625.	0.1160	0.1160	1.65	5795.	16500.
79 9 6	5403N	16200W	18285.9	34248.0	46884.7	372.	15.5	21280.	0.1152	2451.	0.1152	0.1152	1.07	26083.	36300.
77 921	5409N	16128W	18329.7	34161.0	46696.0	339.	11.0	14000.	0.1092	1537.	0.1092	0.1092	1.62	2909.	8580.
78 822	5415N	16040W	18374.7	34037.1	46409.4	350.	15.0	17220.	0.1083	1655.	0.1083	0.1083	1.40	19561.	34540.
78 825	5307N	16643W	17692.9	34902.2	48345.1	328.	18.0	17220.	0.1044	1798.	0.1044	0.1044	1.23	31259.	43780.
75 722	5414N	16046W	18368.7	34053.3	46445.5	410.	16.5	21280.	0.1010	2148.	0.1010	0.1010	1.26	22670.	30360.
79 718	5404N	16200W	18293.1	34245.7	46884.8	295.	16.2	18400.	0.1004	1847.	0.1004	0.1004	1.53	7291.	22440.
79 8 8	5416N	16118W	18356.2	34120.2	46635.3	284.	15.5	21280.	0.0997	2121.	0.0997	0.0997	1.35	16342.	25080.
79 7 5	5404N	16230W	18270.5	34131.6	47160.7	410.	16.0	27000.	0.0985	2659.	0.0985	0.0985	2.53	7737.	14960.
77 529	5403N	16143W	18301.8	34209.7	46784.9	356.	12.0	14000.	0.0980	1372.	0.0980	0.0980	2.12	4266.	12100.
79 818	5404N	16217W	18280.7	34284.1	46584.5	328.	16.0	12600.	0.0962	1213.	0.0962	0.0962	1.91	3039.	12980.
77 918	5407N	16126W	18325.1	34161.6	46684.5	391.	12.0	14000.	0.0960	1344.	0.0960	0.0960	1.89	3034.	17600.
77 925	5410N	16124W	18335.2	34149.4	46672.1	446.	12.5	14000.	0.0959	1343.	0.0959	0.0959	2.88	6701.	21340.
79 711	5421N	15931W	18423.7	33867.5	45995.7	388.	18.0	16800.	0.0958	1610.	0.0958	0.0958	1.48	16925.	24420.
79 820	5311N	16637W	17724.5	34890.2	48325.4	328.	16.0	12600.	0.0915	1153.	0.0915	0.0915	1.48	5539.	11660.
79 717	5400N	16250W	18241.4	34367.7	47175.8	295.	18.0	17480.	0.0884	1545.	0.0884	0.0884	1.76	5622.	16720.
79 514	5237N	16904W	17165.8	35078.7	48861.2	355.	16.5	19950.	0.0879	1754.	0.0879	0.0879	1.64	27125.	31020.
78 826	5302N	16712W	17603.9	34948.1	48467.1	301.	16.0	17220.	0.0857	1476.	0.0857	0.0857	2.90	31025.	45760.
79 726	5413N	16119W	18347.0	34130.4	46641.9	301.	16.5	19380.	0.0838	1624.	0.0838	0.0838	1.13	13539.	18700.
79 8 5	5428N	15902W	18452.0	33783.6	45616.5	410.	16.5	21280.	0.0832	1771.	0.0832	0.0832	1.63	23354.	32340.
79 713	5408N	16138W	18320.3	34186.2	46755.2	82.	17.0	16800.	0.0822	1381.	0.0822	0.0822	1.39	2669.	16720.
79 821	5401N	16240W	18253.0	34342.9	47114.1	306.	15.0	21280.	0.0795	1692.	0.0795	0.0795	1.20	23216.	32340.
78 823	5408N	16124W	18329.3	34154.5	46672.5	345.	16.0	17220.	0.0794	1368.	0.0794	0.0794	0.86	20674.	38940.
75 827	5414N	16102W	18355.8	34069.3	46540.6	290.	16.3	21280.	0.0792	1685.	0.0792	0.0792	0.96	57382.	60060.
78 829	5425N	15900W	18446.1	33788.4	45808.4	334.	16.0	19200.	0.0791	1919.	0.0791	0.0791	1.06	41596.	48620.
77 927	5413N	16041W	18368.8	34044.8	46416.3	437.	18.0	14000.	0.0783	1096.	0.0783	0.0783	1.56	2232.	6380.
79 724	5408N	16218W	18292.8	34277.0	46591.3	383.	16.5	21280.	0.0737	1969.	0.0737	0.0737	1.21	11803.	19360.
77 517	5462N	16234W	18261.1	34327.2	47083.5	369.	11.3	14000.	0.0710	994.	0.0710	0.0710	1.50	1469.	17160.
77 926	5420N	15935W	18419.5	33879.1	46020.3	368.	17.3	14000.	0.0694	972.	0.0694	0.0694	1.80	1343.	6380.
79 723	5428N	15901W	18452.4	33781.4	45810.6	301.	16.5	21280.	0.0689	1467.	0.0689	0.0689	1.06	19201.	25520.
75 830	5209N	16634W	17721.3	34686.7	48306.7	306.	16.0	21280.	0.0669	1423.	0.0669	0.0669	1.31	4514.	12320.
79 718	5557N	17003W	18232.5	35124.5	48789.1	355.	21.0	16800.	0.0608	1021.	0.0608	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	LAT	LONG	APPROX LORAN-C 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 816	5422N	15923W	18425.5	33847.1	45947.4	328.	17.0	14400.	858.	0.0575	1.50	7257.	12760.
79 814	5427N	15902W	18449.8	33786.6	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	33716.7	45683.3	104.	11.0	16400.	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	15800.	877.	0.0522	1.30	3046.	33440.
78 9 7	5558N	16946W	18286.8	35107.5	49727.6	394.	15.0	17220.	873.	0.0507	4.31	8707.	31020.
79 831	5306N	16651W	17670.5	34915.1	48380.2	410.	14.4	21280.	1052.	0.0494	1.34	17132.	27500.
79 8 9	5400N	16303W	18230.3	34396.9	47251.2	306.	16.5	21280.	950.	0.0465	0.95	9832.	19140.
79 9 17	5434N	15841W	18473.1	33715.9	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	16075.6	35091.0	50161.6	410.	18.5	18400.	780.	0.0424	3.21	5587.	18260.
79 831	5440N	15803W	18496.4	33820.4	45451.8	383.	16.3	19950.	840.	0.0421	1.47	9271.	16500.
77 915	5403N	16150W	18297.0	34225.5	46626.0	339.	11.0	14000.	562.	0.0402	1.57	5897.	16940.
79 8 7	5422N	15802W	18502.7	33613.8	45442.6	323.	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	50337.4	383.	16.3	18400.	659.	0.0375	3.75	5389.	13860.
78 914	5432N	15859W	18462.1	33764.8	45793.9	93.	19.3	20160.	754.	0.0374	1.78	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.	859.	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.	853.	0.0331	1.23	10899.	16500.
79 7 7	5608N	17035W	18201.5	35136.2	49941.7	410.	21.2	16560.	547.	0.0330	3.31	4415.	10560.
79 730	5312N	16638W	17727.7	34891.2	48132.3	301.	16.5	21280.	654.	0.0326	1.48	6143.	13200.
79 829	5318N	16612W	17756.2	34853.8	48248.5	383.	14.5	23280.	683.	0.0321	1.31	4426.	9240.
79 818	5444N	15800W	18507.3	33601.0	45727.6	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.	354.	0.0223	1.41	707.	29040.
79 7 4	5415N	16015W	18385.8	33590.3	46284.6	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.	364.	0.0209	1.36	17936.	24860.
78 728	5312N	16902W	17361.0	35075.0	49952.0	383.	15.3	19000.	382.	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.	364.	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 YPMDD	LAT	LONG	APPROX 7X	LCRAN-C 7Y	PULSE 7Z	DEPTH (FMS)	HOURS SET	NUMBER HOOKS	EFF SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
78 822	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	45780.1	167	17.3	20000.		200.	0.0100	3.08	622.	17600.
78 824	5433N	15833W	18473.9	33706.0	45638.8	109	10.0	16800.		160.	0.0095	1.42	250.	14080.
79 7 2	5210N	16630W	17734.3	34878.5	48290.0	306	17.9	27000.		251.	0.0093	1.01	22333.	30140.
79 821	5548N	16854W	18334.9	35026.6	49449.1	323	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	1675.	18260.
79 8 1	5318N	16907W	17375.1	35079.1	48589.6	437	15.5	21280.		155.	0.0073	4.71	1058.	15400.
78 915	5417N	16034W	18383.3	34018.2	46372.7	98	13.0	11275.		80.	0.0071	1.34	86.	9680.
75 915	5311N	16905W	17333.6	35081.2	48576.3	437	21.7	19950.		115.	0.0057	3.67	539.	27060.
78 8 7	5613N	16918W	18454.8	35056.2	49662.9	142	16.9	20000.		113.	0.0057	2.68	1317.	9020.
79 5 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	5309N	16902W	17405.7	35074.5	48576.6	437	15.5	21280.		101.	0.0048	3.17	455.	15620.
78 5 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	35060.5	49556.2	301	19.4	20000.		89.	0.0045	3.92	689.	46200.
79 716	5534N	16829W	18291.5	34987.6	49273.6	235	16.3	16800.		73.	0.0043	6.60	1456.	27500.
78 918	5448N	16827W	18507.0	33644.7	45581.6	98	18.5	20160.		73.	0.0036	1.78	570.	21780.
79 9 5	5601N	16836W	18442.2	34974.5	49295.5	153	17.4	17727.		64.	0.0036	3.48	4408.	38060.
78 920	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	48264.2	301	8.0	12950.		44.	0.0034	1.84	413.	30800.
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	18275.2	35013.5	49351.3	301	18.0	21280.		56.	0.0027	3.34	307.	16060.
78 711	5428N	15928W	18441.6	33840.0	45570.3	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	5639N	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	48573.6	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 5 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.		20.	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	16.9	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.	99000.
79 715	5616N	16938W	18436.7	35092.5	49771.0	126	13.5	13800.		9.	0.0006	3.08	1396.	18920.
79 5 7	5519N	16752W	18263.0	34524.3	49032.6	153	16.6	19950.		11.	0.0006	3.08	1521.	47960.

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

TABLE B-22. ROCKFISH, OCTOBER-DECEMBER

DATE YYMMDD	LAT	LONG	APPROX 7X	LRAN-C 7Y	PULSE 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	1615W	18302.8	34229.6	46555.5	342.	17.0	15200.	4223.	0.2778	1.74	6076.	22220.
781123	5406N	1615W	18302.8	34229.6	46555.5	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.	45370.
781015	5443N	15803W	18504.4	33610.6	45446.9	82.	7.0	9600.	2051.	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.
781015	5410N	16210W	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.	1157.	0.0786	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.	856.	0.0593	1.65	1049.	27500.
781124	5440N	15802W	18498.7	33618.3	45445.9	326.	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.
781118	5423N	15928W	18425.8	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	34218.0	46820.2	88.	14.0	18240.	838.	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	5429N	15827W	18486.6	33674.1	45594.8	123.	16.0	15120.	609.	0.0402	1.12	365.	24200.
781027	5417N	16028W	18386.4	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	18455.2	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.	522.	0.0332	1.68	754.	54560.
781014	5446N	15824W	18499.8	33651.5	45569.6	115.	17.0	14400.	401.	0.0278	0.91	2404.	29480.
791231	5442N	15810W	18500.2	33626.5	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	15828W	18521.3	33619.1	45565.5	98.	17.0	14000.	284.	0.0203	1.49	932.	37180.
781118	5433N	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.	340.	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	5420N	16061W	17408.8	35073.6	48972.7	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.	181.	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	5433N	16004W	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	33695.9	46093.8	98.	14.0	19200.	190.	0.0094	1.72	258.	22000.

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

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

DATE	LAT	LONG	APPROX LORAN-C 7X	7Y	7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	MEAN SIZE (LBS/FISH)	CISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
781112	5455N	15823W	18522.1	33612.7	45547.4	104.	16.1	15200.	134.	0.0082	1.94	338.	21340.
791111	5448N	15821W	18506.8	33632.0	45545.8	184.	14.5	19600.	171.	0.0087	1.45	682.	23320.
791115	5430N	15903W	18456.1	33779.6	45620.0	120.	12.0	15200.	130.	0.0066	1.57	407.	27500.
781018	5435N	15840W	18475.6	33714.6	45677.4	184.	16.5	14400.	120.	0.0083	0.61	632.	29700.
781111	5452N	15820W	18517.1	33616.5	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.	0.0075	0.63	600.	31680.
781211	5447N	16741W	18102.1	34932.7	48181.9	355.	16.0	12600.	85.	0.0068	2.79	4350.	7260.
791119	5446N	15823W	18504.2	33642.9	45560.7	104.	14.0	19600.	120.	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.
791216	5440N	15823W	18491.9	33662.4	45569.6	120.	12.0	15200.	99.	0.0065	1.60	995.	41800.
791118	5319N	18903W	17397.0	35075.5	48977.4	399.	18.0	20000.	124.	0.0062	4.89	714.	32560.
791110	5474N	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.
781111	5502N	15836W	18532.3	33616.5	45616.5	95.	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.
791119	5450N	15812W	18515.5	33606.3	45489.0	93.	18.0	19600.	57.	0.0029	1.51	635.	23760.
791214	5423N	15944W	18422.7	33890.0	48070.8	109.	12.0	15200.	42.	0.0028	1.54	321.	21780.
781021	5449N	15827W	18505.0	33641.4	45580.2	104.	16.5	14400.	36.	0.0025	0.69	851.	29040.
791113	5434N	16532W	18195.3	34717.7	48263.5	279.	8.0	8000.	21.	0.0026	2.86	203.	5500.
781022	5410N	16132W	18330.2	34167.5	48219.5	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	48567.3	82.	12.0	15200.	26.	0.0017	1.76	816.	6820.
781019	5453N	15831W	18515.5	33616.5	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.
781114	5459N	15813W	18532.7	33577.8	45481.1	86.	4.0	4800.	6.	0.0012	1.10	9.	7760.
781027	5413N	16129W	18340.9	34153.0	48101.3	104.	15.0	19200.	21.	0.0011	1.76	2382.	23980.
781216	5615N	16945W	18413.7	35103.7	49797.8	112.	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	5429N	16216W	18491.5	33655.1	45541.6	115.	13.0	16000.	12.	0.0007	2.20	581.	38060.
781128	5416N	16130W	18345.1	34147.5	48706.9	96.	14.0	12600.	8.	0.0007	1.54	1702.	11220.
791119	5458N	15827W	18526.9	33611.0	45567.2	104.	15.0	20000.	13.	0.0007	1.32	477.	23540.
791029	5444N	15900W	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***

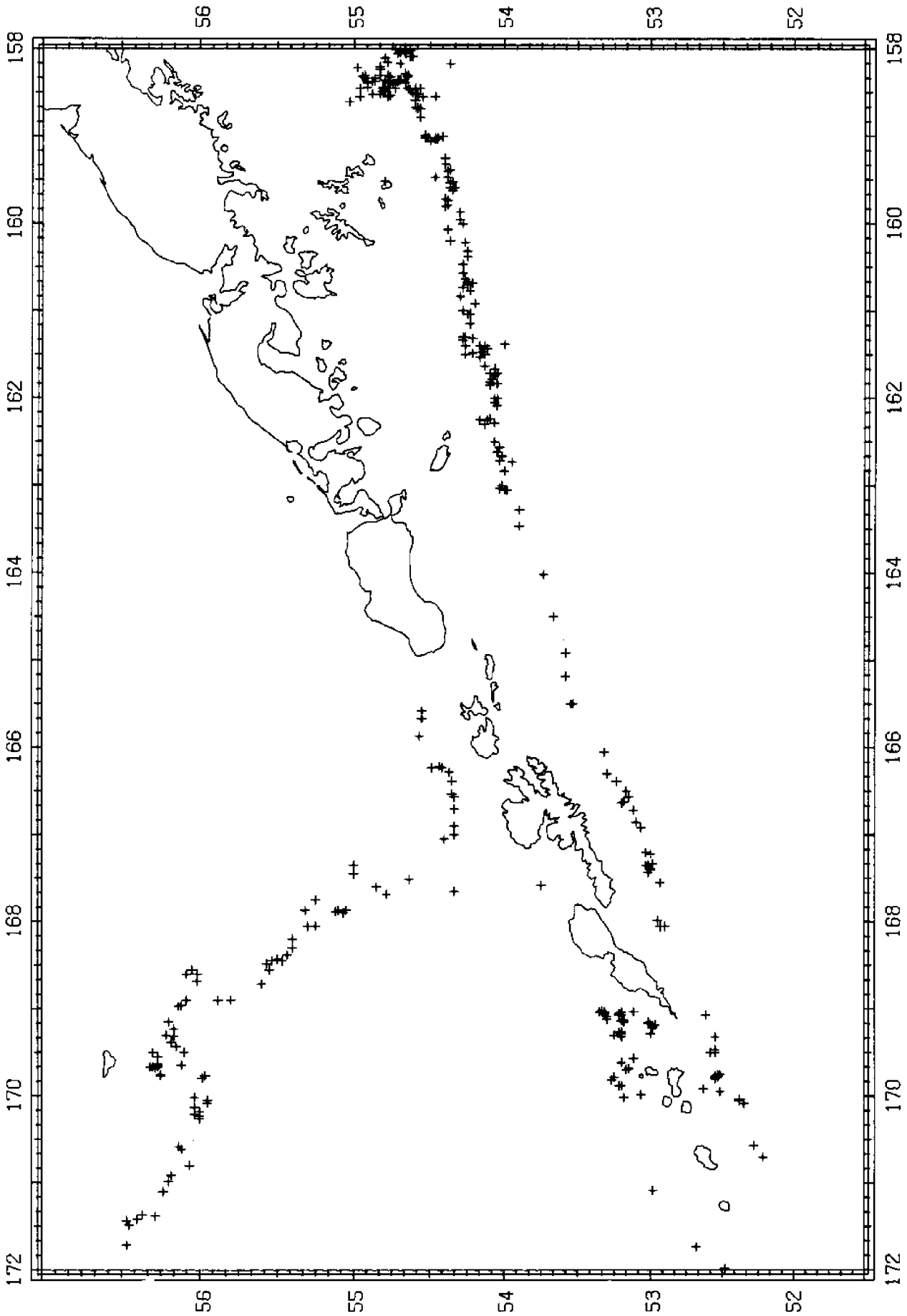
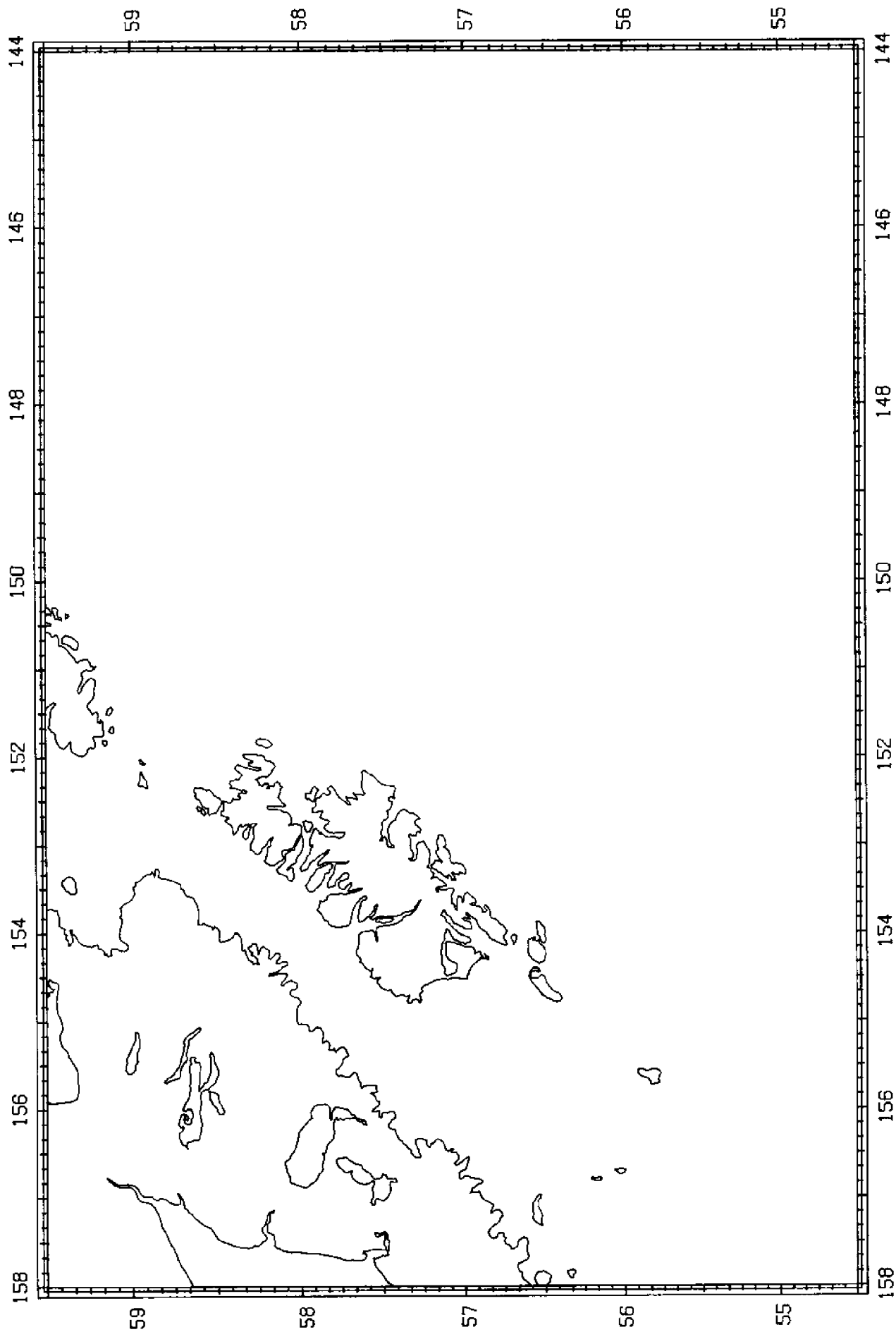


FIGURE B-5. ROCKFISH, ALL MONTHS, 1977-1979



APPENDIX C. KODIAK ISLAND REGION

APPENDIX C

Productive Foreign Fishing Locations in the Kodiak
Island Region

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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/}

<u>Species</u>	<u>Catch Per Hook (lbs)</u>	<u>Proportion of Total Catch</u>	<u>Mean Size (lbs/fish)</u>
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/}

<u>Species</u>	<u>Catch Per Hook (lbs)</u>	<u>Proportion of Total Catch</u>	<u>Mean Size (lbs/fish)</u>
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 YYPPDD	LAT	LONG	APPROX 7X	LCRAN-C 7Y	PULSE 7Z	RATES 7Z	DEPTH (FMS)	FOURS SET	NUMBER HOOKS	CF SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
78 131	5622N	15233W	18685.5	32639.6	4374.5	355.	16.0	15120.	12678.	0.8517	7.01	1701.	15180.		
78 3 3	5510N	15710W	18567.5	33408.7	4504.2	355.	20.0	18480.	15075.	0.8157	6.63	1982.	18700.		
78 3 7	5551N	15437W	18651.9	32913.4	43536.5	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 2 8	5701N	15124W	18719.8	32382.2	43036.8	345.	18.0	18480.	9669.	0.5232	6.09	4254.	16500.		
78 129	5733N	14933W	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	18726.4	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	44595.2	328.	18.0	19480.	5467.	0.2558	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	42216.5	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.	4118.	0.2737	5.12	4062.	8600.		

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

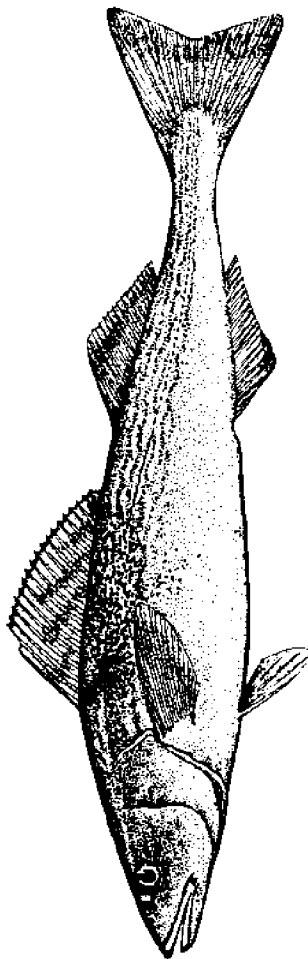


TABLE C-4. SABIEFISH, APRIL-JUNE

DATE YKMD	LAT	LONG	APPROX 7X	LORAN-C 7Y	PULSE 7Z	DEPTH (FMS)	HOURS SET	NUMBER OF SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
78 620	5727N	14952W	18734.2	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	18663	20900
78 628	5912N	14650W	18749.9	31549.2	43217.3	328	14.0	20000	21556	1.0773	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	31392.2	43225.8	328	15.0	20000	20683	1.0341	7.55	26236	49720
79 6 1	5732N	15062W	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	43286.8	363	13.5	15200	15211	1.0007	7.23	8113	26180
78 619	5720N	15021W	18731.0	32221.9	42599.9	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	22860
79 613	5600N	14852W	18745.4	31555.4	43052.5	326	14.0	15120	13007	0.8603	6.67	7510	22880
79 526	5544N	15411W	18643.7	32947.0	43583.0	355	14.0	15120	12693	0.8395	6.47	10131	23580
79 531	5718N	15037W	18729.8	32250.4	43000.0	328	15.0	15120	12562	0.8308	6.32	7327	21340
79 628	5649N	15137W	18712.1	32445.1	43094.6	328	23.5	18400	14834	0.8062	6.72	6603	19580
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
79 525	5656N	15128W	18716.8	32408.2	43056.5	366	16.0	15120	11026	0.7292	7.52	9137	21340
79 615	5824N	14828W	18745.5	31832.4	43108.0	339	17.0	14040	9807	0.6985	7.27	9576	20460
79 423	5540N	15522W	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	18551.2	32525.4	43572.7	328	13.0	19200	12620	0.6577	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	44865.7	284	14.0	15200	9526	0.6267	3.96	4477	16280
79 627	5702N	15120W	18720.5	32372.2	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	0.6191	5.89	13468	26400
78 423	5557N	15441W	18655.0	32548.9	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	0.5968	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	22860
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	5659N	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	18685.9	32639.0	43166.5	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	32035.6	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	44579.3	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	AFFREQ	LCRAN-C	PULSE	RATES	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET HOOK (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 425	5554N	15445W	1850.8	32974.8	44152.4	517-	14.0	19200.	7644.	0.3981	5.83	1002.	10560.		
79 5 1	5558N	15433W	1856.9	32931.0	44050.3	372.	12.0	19200.	7590.	0.3953	5.81	7808.	16540.		
79 429	5570N	15000W	18735.5	32155.3	43005.7	394.	14.0	19200.	7599.	0.3953	6.83	8737.	16940.		
79 630	5927N	14520W	18748.0	31422.3	43229.7	394.	18.0	16800.	6608.	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	16695.7	32581.1	43268.2	301.	16.0	15200.	5853.	0.3850	7.14	6788.	12980.		
78 421	5533N	15227W	18620.2	33124.5	44429.6	301.	17.2	22260.	8529.	0.3831	6.86	8442.	18480.		
79 510	5623N	15220W	18691.2	32615.4	43324.3	410.	14.0	15200.	5772.	0.3797	7.52	18218.	24420.		
78 422	5553N	15402W	18654.7	32897.1	43503.4	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	15305W	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	43003.5	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	32751.8	43615.0	355.	15.0	20160.	5965.	0.2959	7.29	16037.	23100.		
79 629	5612N	15152W	18698.8	32536.7	43200.7	328.	19.5	18400.	5139.	0.2793	7.09	7530.	13860.		
78 5 1	5615N	15249W	18662.5	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	32512.8	43975.8	317.	7.3	8268.	1959.	0.2417	7.51	607.	2860.		
79 512	5630N	15155W	18696.1	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	7.35	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	36884.	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.	18.0	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	LAT	LONG	APPDIX 7X	LORAN-C 7Y	PULSE 7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (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	1.2296	6.42	23870	42500
77 923	5838N	14816W	18750.6	31762.9	43145.3	427	14.8	13320	1.0559	7.67	794	14960
79 825	5922N	14550W	18748.7	31463.5	43225.2	437	11.0	16800	1.0105	8.15	12179	29700
78 827	5446N	15750W	18514.1	33573.6	45365.4	279	17.0	19200	0.8961	6.80	18623	37180
79 825	5568N	15617W	18575.4	33310.9	44780.1	328	11.5	16800	0.8875	7.13	25473	41800
79 9 2	5928N	14440W	18747.7	31396.4	43221.1	492	12.0	16800	0.8750	9.06	895	24800
77 921	5842N	14803W	18750.8	31734.3	43152.9	410	16.2	14800	0.8459	7.76	1586	17600
77 930	5843N	14803W	18750.8	31730.2	43156.0	394	17.6	14800	0.8327	8.00	9201	22880
77 927	5846N	14804W	18750.9	31718.7	43165.6	383	16.2	14800	0.8010	7.78	9150	21780
79 921	5621N	15233W	18688.7	32642.6	43379.4	372	18.7	15960	0.7872	6.87	14302	27940
79 7 5	5606N	15322W	18671.7	32780.0	43655.0	383	19.0	16800	0.7711	7.25	10914	25080
79 8 3	5927N	14504W	18747.9	31411.0	43224.9	383	11.0	17640	0.7670	7.58	9360	23320
77 925	5912N	14702W	18745.9	31558.8	43222.2	410	18.7	14800	0.7303	7.53	9052	21340
78 7 4	5751N	14922W	18742.9	32025.0	43036.5	350	16.0	20000	0.7237	7.08	26602	42680
77 928	5913N	14644W	18745.8	31540.4	43218.1	448	15.3	14800	0.7213	6.26	10846	22000
79 826	5508N	15641W	18570.4	33357.9	44918.1	328	11.5	16800	0.7211	7.17	19535	33880
77 924	5830N	14820W	18750.1	31799.8	43122.8	394	15.6	14800	0.7187	7.68	12236	24200
79 8 5	5833N	14819W	18750.3	31786.5	43131.2	410	11.0	17640	0.7143	7.79	10449	24640
79 8 8	5751N	14919W	18742.9	32021.7	43036.3	383	11.0	17640	0.7038	6.56	13780	26620
77 926	5756N	14903W	18744.3	31983.6	43045.1	394	15.0	14800	0.7025	7.87	15978	28160
78 8 18	5813N	14829W	18748.0	31878.4	43079.4	383	20.2	20400	0.7024	6.48	15446	30580
79 9 3	5927N	14458W	18747.9	31406.7	43223.2	492	12.0	16800	0.6992	7.50	17191	29700
79 8 7	5757N	14901W	18743.6	31992.6	43039.0	394	11.0	17640	0.6923	8.03	13144	26620
78 826	5500N	15706W	18551.4	33436.0	45081.0	273	18.0	19200	0.6873	7.34	15044	30580
79 8 17	5758N	14849W	18744.9	31960.3	43048.0	383	20.0	26600	0.6592	6.27	32092	30800
78 823	5655N	15645W	18564.6	33276.5	44548.0	427	17.0	19200	0.6486	8.03	24429	38280
79 9 10	5926N	14511W	18748.1	31419.7	43224.2	437	13.1	16800	0.6410	5.27	28559	40040
78 8 18	5753N	14910W	18743.5	32002.5	43039.6	366	17.0	17220	0.6273	9.06	6411	18480
78 8 15	5842N	14738W	18750.8	31711.4	43144.9	355	17.0	17220	0.6264	9.08	5810	17820
79 8 14	5758N	14849W	18744.9	31960.3	43048.0	383	17.0	21280	0.6078	7.90	16715	31020
78 8 20	5859N	14758W	18750.8	31659.3	43205.2	377	19.8	20400	0.6032	7.86	23947	37620
78 8 4	5821N	14828W	18749.1	31844.7	43099.7	399	17.3	23200	0.5950	7.56	11924	26400
79 9 13	5711N	15050W	18726.1	32295.8	43004.9	383	12.5	16800	0.5817	7.08	27119	38280
79 8 20	5922N	14551W	18748.7	31464.2	43225.6	383	11.0	16800	0.5720	6.33	28920	39820
78 7 20	5500N	15658W	18553.3	33415.9	45034.4	328	19.5	20000	0.5605	7.13	38103	51260
79 7 21	5534N	15450W	18626.7	33053.3	44222.4	383	20.3	18400	0.5498	4.89	16749	27280
79 7 6	5525N	15540W	18607.3	33176.6	44525.6	366	21.0	16800	0.5446	6.58	13332	23540
79 9 23	5616N	15300W	18682.6	32705.4	43111.5	366	20.0	15960	0.5446	7.19	14102	24640
78 8 25	5450N	15730W	18527.3	33519.0	45240.9	317	15.0	19200	0.5439	8.03	27043	39380
79 9 12	5718N	15025W	18730.1	32235.1	42599.9	355	13.5	16800	0.5384	5.78	15007	25300
79 7 4	5644N	15144W	18707.9	32481.3	43132.5	383	18.0	16800	0.5366	7.13	13054	23540
79 7 24	5557N	15443W	18654.8	32352.4	44109.2	355	16.5	14400	0.5173	8.64	4587	12540
79 7 1	5469N	15730W	18525.5	33522.4	45242.8	312	17.4	18400	0.5107	8.03	9288	18920
79 8 25	5716N	15040W	18728.8	32262.4	43000.7	372	19.7	15960	0.4815	5.28	22713	32560
78 7 30	5910N	14637W	18750.0	31546.9	43206.5	383	16.2	23200	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	AFFRFX 7X	LORAN-C 7Y	PULSE 7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET HOOK (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 8 11	5617N	15301W	18683.4	32703.0	43511.2	399.	13.0	17640.	8290.	0.4700	0.4700	7.56	4771.	14080.
79 8 5	5810N	14840W	18747.4	31901.9	43073.9	410.	16.1	23200.	10902.	0.4695	0.4695	7.39	11827.	25080.
79 8 24	5610N	15320W	18675.6	32761.1	43284.4	383.	15.0	17640.	8049.	0.4563	0.4563	6.97	6545.	15400.
79 8 28	5733N	14959W	18736.7	32141.8	43008.8	416.	20.0	15950.	7045.	0.4406	0.4406	6.00	14494.	22000.
79 8 3	5846N	14807W	18750.9	31721.4	43166.8	437.	16.1	23200.	10186.	0.4391	0.4391	6.58	18040.	28600.
79 7 7	5500N	15700W	18552.8	33423.9	45046.0	372.	20.0	16800.	7173.	0.4269	0.4269	6.72	9676.	19360.
79 8 9	5739N	14931W	18739.2	32084.3	43016.6	410.	11.0	16800.	7150.	0.4256	0.4256	6.54	2687.	10240.
79 8 4	5912N	14700W	18749.9	31557.2	43221.4	301.	10.0	17640.	7496.	0.4249	0.4249	6.85	1224.	12980.
79 7 2	5724N	15009W	18733.0	32190.7	43001.3	372.	18.3	16800.	7049.	0.4196	0.4196	5.88	7636.	16280.
79 9 26	5551N	15414W	18651.2	32925.4	43972.7	355.	18.7	15960.	6662.	0.4174	0.4174	6.20	25491.	33660.
79 8 6	5839N	14827W	18746.9	31851.9	43094.2	399.	10.0	17640.	7289.	0.4132	0.4132	7.57	16635.	25080.
79 9 13	5553N	15416W	18653.2	32921.1	43976.0	320.	15.0	21280.	8647.	0.4064	0.4064	6.88	18252.	28380.
79 8 16	5627N	14823W	18745.8	31815.1	43115.1	355.	16.0	17220.	6896.	0.4005	0.4005	7.95	4377.	11660.
79 9 10	5554N	15400W	18655.9	32889.9	43889.4	301.	15.0	21280.	8269.	0.3886	0.3886	6.06	12720.	22220.
79 8 16	5500N	15707W	18551.1	33438.0	45006.8	394.	18.0	17640.	6819.	0.3866	0.3866	7.12	11759.	20020.
78 9 30	5745N	14928W	18741.1	32056.4	43025.0	402.	22.0	15990.	6171.	0.3859	0.3859	6.76	12349.	20020.
78 8 17	5803N	14845W	18746.1	31935.7	43058.3	355.	16.0	17220.	6599.	0.3832	0.3832	7.35	3285.	10780.
78 9 26	5756N	14900W	18744.4	31980.3	43044.9	399.	18.0	15990.	6065.	0.3793	0.3793	6.91	27290.	35420.
78 9 19	5827N	14821W	18749.8	31813.1	43114.5	448.	11.0	7650.	2859.	0.3769	0.3769	7.45	4800.	7920.
78 9 24	5846N	14804W	18750.9	31716.7	43165.6	410.	18.8	20400.	7711.	0.3780	0.3780	7.58	13933.	23540.
78 9 23	5911N	14637W	18750.0	31542.9	43209.4	410.	19.3	20400.	7709.	0.3779	0.3779	7.81	17620.	25960.
78 9 24	5502N	15655W	18557.4	33406.9	45012.7	383.	17.0	19200.	7149.	0.3724	0.3724	6.75	17863.	27060.
79 7 31	5530N	15530W	18615.7	33141.3	44455.1	355.	16.0	13680.	4879.	0.3567	0.3567	6.10	4414.	10340.
78 9 29	5927N	14513W	18746.0	31417.4	43227.5	448.	17.8	20400.	7247.	0.3553	0.3553	6.95	4414.	10340.
79 8 5	5500N	15704W	18551.8	33432.0	45069.3	383.	13.0	12960.	4539.	0.3502	0.3502	6.97	6286.	11440.
78 9 24	5928N	14917W	18741.2	32015.4	43038.1	394.	17.0	15990.	5456.	0.3412	0.3412	6.88	18206.	24860.
78 8 14	5902N	14738W	18750.6	31629.6	43205.9	355.	16.0	17220.	5872.	0.3410	0.3410	7.89	4933.	11440.
78 7 6	5755N	14900W	18744.1	31984.4	43042.8	345.	13.0	19500.	6603.	0.3386	0.3386	6.46	22963.	30360.
78 9 21	5859N	14740W	18750.8	31643.7	43197.1	470.	19.6	20400.	6811.	0.3339	0.3339	7.03	31574.	40920.
79 7 3	5713N	15041W	18727.3	32276.0	43002.3	355.	18.3	16800.	5473.	0.3258	0.3258	5.07	8172.	15400.
78 7 31	5911N	14657W	18750.0	31558.9	43217.0	383.	17.0	23200.	7503.	0.3234	0.3234	7.34	10633.	18920.
79 8 12	5618N	15227W	18686.6	32846.2	43372.5	437.	15.5	21280.	6861.	0.3224	0.3224	7.99	2084.	9460.
79 8 13	5700N	15124W	18719.2	32366.3	43039.8	383.	16.0	21280.	6743.	0.3169	0.3169	6.45	16037.	23760.
79 8 25	5448N	15745W	18515.4	33556.6	45232.5	437.	16.2	19950.	6318.	0.3167	0.3167	6.33	11481.	18260.
79 8 4	5509N	15640W	18572.2	33352.4	44510.0	383.	16.0	14400.	4554.	0.3162	0.3162	8.04	7211.	12540.
78 9 22	5910N	14705W	18750.1	31569.4	43217.2	410.	17.8	20400.	6395.	0.3135	0.3135	7.79	29027.	37640.
79 7 28	5618N	15256W	18684.6	32891.2	43485.0	355.	18.0	15480.	4815.	0.3114	0.3114	8.03	6001.	11220.
79 8 30	5653N	15717W	18536.3	33482.3	45159.3	410.	16.3	19950.	6111.	0.3063	0.3063	7.10	14313.	21120.
78 8 1	5927N	14534W	18748.0	31432.4	43234.1	383.	16.1	23200.	6870.	0.2561	0.2561	7.19	2228.	9680.
79 7 25	5530N	15533W	18615.3	33146.9	44472.0	355.	17.0	14400.	4244.	0.2947	0.2947	8.37	5729.	10560.
79 7 23	5644N	15326W	18669.4	32994.4	43682.3	328.	17.0	14400.	4239.	0.2943	0.2943	6.82	6678.	12100.
79 9 27	5910N	14646W	18750.1	31554.1	43209.7	383.	16.0	15200.	4455.	0.2931	0.2931	4.61	16251.	21340.
78 9 27	5623N	15234W	18690.3	32637.2	43373.3	372.	19.3	15960.	4487.	0.2811	0.2811	6.00	18910.	25740.
78 9 25	5857N	14740W	18750.6	31651.9	43190.7	355.	16.3	20400.	5719.	0.2603	0.2603	6.11	17422.	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 YRMO	LAT	LONG	APPROX 7X	LOGAN-C 7Y	PULSE 7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOURS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARD CATCH (LBS)	TOTAL CATCH (LBS)
75 525	5914N	14736W	18749.7	31578.2	43244.8	301.	14.0	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.
75 726	5447N	15447W	18645.3	32990.8	44157.2	328.	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	5554N	15405W	18656.5	32094.5	43911.2	328.	16.5	14400.	3547.	0.2463	6.20	8227.	12100.
79 916	5454N	15405W	18645.5	32332.9	43548.9	355.	15.0	21280.	4657.	0.2283	5.17	25076.	32340.
78 726	5532N	15423W	18627.9	33312.9	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	5804N	14851W	18745.4	31554.3	43052.4	383.	17.0	23200.	4523.	0.1950	7.72	2745.	7920.
79 727	5804N	15324W	18669.6	32791.1	43672.9	328.	16.0	14400.	2450.	0.1701	7.02	5681.	8580.
79 512	5555N	15459W	18650.5	32986.6	44205.9	96.	14.0	21280.	3590.	0.1687	2.10	531.	26400.
78 928	5927N	14454W	18747.9	31423.9	43222.1	419.	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.
79 528	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.	2966.	0.1493	6.42	18339.	21780.
79 915	5602N	15420W	18662.5	32892.7	43365.5	246.	15.0	21280.	2965.	0.1394	6.17	6539.	23760.
78 8 2	5628N	14722W	18750.2	31587.4	43221.4	437.	16.1	23200.	2045.	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	501.	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.	1455.	0.1039	8.14	6295.	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	32856.1	43440.9	88.	17.0	15980.	1004.	0.0629	4.10	2413.	60060.
79 515	5544N	15506W	18637.0	33044.1	44278.8	109.	9.5	16300.	951.	0.0590	2.22	1403.	18260.
78 9 6	5453N	15735W	18547.0	33519.1	45264.6	115.	16.3	20000.	689.	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.	16700.
79 828	5453N	15733W	18532.1	33515.0	45252.9	98.	15.3	19950.	422.	0.0211	2.39	265.	30580.
78 9 8	5459N	15716W	18545.4	33463.1	45143.5	115.	15.3	20000.	406.	0.0203	4.19	469.	13640.
79 522	5604N	15340W	18668.2	32817.4	43149.8	93.	18.5	15960.	302.	0.0189	3.62	540.	21560.
78 714	5456N	15732W	18538.3	33496.6	45229.8	88.	16.0	20000.	284.	0.0142	2.69	81.	9240.
78 5 0	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.	216.	0.0105	3.13	578.	16060.
78 715	5451N	15743W	18525.6	33542.4	45115.4	98.	16.0	20000.	156.	0.0098	4.92	197.	10560.
78 9 3	5453N	15735W	18521.5	33519.1	45264.6	120.	16.4	20000.	67.	0.0033	3.80	248.	24860.
78 5 2	5453N	15735W	18521.5	33519.1	45264.6	115.	17.0	20000.	66.	0.0033	3.32	499.	24640.
78 717	5509N	15702W	18567.5	33396.2	45138.0	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	163.	14520.
79 520	5604N	15340W	18668.2	32817.4	43149.8	88.	17.1	15960.	32.	0.0020	3.96	611.	31240.
78 720	5449N	15754W	18518.8	33517.9	45283.8	82.	17.3	23200.	37.	0.0016	4.18	227.	18700.
78 719	5454N	15750W	18529.4	33546.7	45151.5	82.	18.1	23200.	17.	0.0007	1.65	31.	18040.

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

TABLE C-6. SABLEFISH, OCTOBER-DECEMBER

DATE YMMDD	LAT	LONG	AFFRX 7X	LCRAN-C 7Y	PULSE 7Z	DEPTH (FMS)	HOURS SCT	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	44680.2	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.
791212	5927N	14457W	18747.9	31436.0	43282.9	317.	15.3	15960.	24745.	1.5505	7.35	14237.	40640.
791217	5923N	14551W	18748.6	31460.3	43284.4	448.	16.0	15960.	23595.	1.4784	7.27	16561.	41140.
791126	5820N	14827W	18745.0	31847.9	43696.8	437.	13.2	15960.	20392.	1.2777	8.27	14330.	35420.
791118	5839N	14813W	18750.7	31756.0	43147.3	355.	17.0	14400.	17065.	1.1651	7.48	18702.	36520.
791130	5912N	14700W	18745.9	31557.2	42214.3	372.	14.6	15960.	18319.	1.1472	4.79	17921.	37180.
791117	5910N	14718W	18750.1	31580.0	43222.8	355.	19.0	14400.	15003.	1.0975	6.16	11830.	29260.
791214	5522N	15527W	18605.2	33165.4	44861.4	394.	13.6	15960.	17440.	1.0931	5.45	12413.	31020.
791130	5911N	14647W	18750.0	31550.9	43233.1	405.	12.5	18480.	19670.	1.0649	8.11	3122.	24200.
791216	5927N	14459W	18747.9	31407.4	43223.5	339.	13.0	15960.	15654.	0.9559	6.84	14309.	30800.
791115	5912N	14649W	18749.9	31546.4	43216.9	355.	17.5	14400.	14113.	0.9800	7.48	25975.	39160.
791116	5852N	14804W	18750.5	31693.8	43184.6	355.	21.0	14400.	14073.	0.9773	8.36	13459.	27940.
791025	5828N	14825W	18745.9	31815.9	43119.3	369.	17.5	18000.	17548.	0.9334	5.52	8836.	30380.
791029	5713N	15046W	18727.2	32282.4	43002.7	326.	15.0	10800.	10027.	0.9294	6.82	8243.	19580.
791012	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	43129.9	383.	14.0	15200.	13386.	0.8807	6.46	6571.	21340.
791014	5818N	14826W	18748.7	31855.0	43091.4	383.	19.0	14000.	11664.	0.8488	4.83	18847.	33440.
791017	5750N	14917W	18742.7	32023.5	43034.3	383.	21.0	14000.	11857.	0.8469	6.86	12058.	25740.
791019	5904N	14733W	18750.5	31617.1	43210.1	383.	18.0	14000.	11766.	0.8404	6.24	8545.	28160.
791113	5914N	14640W	18749.7	31533.3	43219.5	359.	17.5	14400.	11941.	0.8293	7.81	14252.	29480.
791018	5840N	14804W	18750.7	31743.4	43147.2	383.	20.0	14000.	11455.	0.8182	7.13	4842.	16940.
791118	5928N	14452W	18747.8	31398.7	43224.2	424.	17.4	20000.	15904.	0.7952	7.65	25870.	42460.
791218	5911N	14650W	18750.0	31553.3	43214.5	454.	15.2	15960.	12675.	0.7942	8.15	20931.	34320.
791012	5916N	14651W	18745.5	31537.5	43230.1	301.	16.5	15960.	12382.	0.7758	5.29	19121.	35860.
791030	5926N	14517W	18748.1	31424.0	43226.0	410.	11.5	8800.	6769.	0.7714	7.41	9233.	17160.
791026	5804N	14842W	18746.3	31528.5	43160.1	437.	17.4	17390.	13114.	0.7541	5.40	17120.	34320.
791031	5808N	14845W	18747.0	31915.3	43059.3	328.	18.0	14400.	10463.	0.7265	7.70	18248.	29700.
791016	5915N	14638W	18749.6	31527.7	43221.8	312.	19.1	15960.	11561.	0.7244	3.43	9885.	30580.
791025	5850N	14801W	18750.9	31695.4	43177.1	424.	17.5	18480.	12720.	0.6883	8.05	5290.	18700.
791130	5557N	15417W	18657.4	32907.2	43566.9	328.	14.0	15200.	10351.	0.6810	7.27	6137.	17160.
791114	5827N	14504W	18747.9	31411.0	43224.9	355.	20.5	14400.	9784.	0.6795	7.70	4590.	17820.
791013	5910N	14716W	18750.1	31578.3	43221.9	437.	18.0	14000.	9375.	0.6697	7.86	24094.	36960.
791013	5928N	14518W	18747.8	31417.1	43231.8	427.	17.3	20000.	13372.	0.6686	6.60	8178.	23580.
791020	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	31566.1	43225.1	284.	18.2	15960.	10383.	0.6506	5.14	10970.	25080.
791030	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.
791021	5810N	14839W	18747.4	31900.9	43073.7	446.	12.6	18480.	11169.	0.6044	7.57	4456.	16280.
791015	5855N	15338W	18659.2	32849.0	43776.8	355.	18.7	15960.	9451.	0.5922	6.64	30580.	44000.
791026	5616N	15300W	18682.6	32705.4	43511.5	383.	16.0	20000.	11638.	0.5519	7.55	15548.	28820.
791014	5911N	14730W	18750.0	31585.7	43231.7	284.	18.1	15960.	9402.	0.5691	4.77	14427.	29920.
791027	5911N	14701W	18750.0	31562.1	43218.7	418.	13.0	18480.	10843.	0.5667	6.71	2574.	14300.

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

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

DATE YYMMDD	LAT	LONG	APPROX 7X	LRAN-C 7Y	PULSE 7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET HOOK (LBS)	TARGET CATCH PER HOOK (LBS)	MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
791022	5623N	1523W	18690.4	32635.7	43369.6	366	15.0	20000	11255	0.5627	0.5627	6.11	7146	19800
791015	5906N	1473W	18750.4	31612.2	43218.5	295	19.5	14820	7953	0.5367	0.5367	4.93	9277	21560
771023	5755N	14901W	18744.1	31985.5	43042.9	418	11.5	18480	9656	0.5334	0.5334	8.41	3577	14080
771015	5824N	14826W	18745.5	31830.4	43107.5	405	12.5	18480	9574	0.5181	0.5181	8.17	2333	12760
771021	5800N	14850W	18745.4	31953.2	43052.3	396	14.3	18480	9155	0.4976	0.4976	6.79	1845	11660
791011	5849N	14806W	18750.9	31708.0	43176.0	334	11.0	21600	10246	0.4744	0.4744	6.31	24588	36080
771027	5907N	14727W	18750.3	31595.7	43217.1	446	13.3	18480	8585	0.4645	0.4645	7.66	3849	12980
791009	5816N	14827W	18748.4	31864.1	43086.5	366	11.3	21600	9960	0.4611	0.4611	6.53	12562	24200
781122	5748N	15730W	18523.6	33525.7	45244.7	334	14.0	11520	5218	0.4529	0.4529	8.16	19485	25960
771006	5853N	14802W	18750.9	31687.8	43187.2	437	9.3	14080	6269	0.4467	0.4467	7.97	2362	9480
771008	5753N	14911W	18743.5	32004.6	43039.7	375	12.3	18480	8016	0.4338	0.4338	7.80	3762	12760
771008	5858N	14754W	18750.8	31659.9	43200.0	437	13.3	18480	7825	0.4240	0.4240	6.75	3608	12560
771024	5813N	14832W	18748.0	31881.5	43079.9	432	13.3	18480	7671	0.4151	0.4151	7.54	6072	14740
791014	5851N	14807W	18750.9	31700.6	43182.9	317	11.5	21600	8712	0.4033	0.4033	4.69	7702	20460
791010	5756N	14900W	18744.4	31980.3	43044.9	339	11.3	21600	8676	0.4016	0.4016	6.77	9383	20240
761001	5912N	14636W	18749.9	31538.1	43212.1	363	18.0	20400	8150	0.3995	0.3995	7.32	11333	20240
791128	5659N	15123W	18716.7	32389.0	43042.1	383	14.0	15200	6023	0.3962	0.3962	6.96	8460	14960
791006	5554N	15405W	18655.4	32898.4	43150.0	366	18.9	15960	6312	0.3955	0.3955	6.54	16597	24860
791007	5744N	14934W	18740.7	32067.4	43024.3	334	10.9	21600	8505	0.3937	0.3937	9.045	9045	21780
791024	5628N	15205W	18696.0	32573.7	43253.7	339	16.5	20000	7527	0.3764	0.3764	4.32	9215	18920
781001	5912N	14703W	18749.9	31559.6	43222.6	410	23.2	20400	7463	0.3658	0.3658	6.73	12855	21120
771028	5859N	14744W	18750.8	31647.1	43198.8	466	14.5	18480	6653	0.3600	0.3600	6.99	10556	17820
791006	5709N	15056W	18724.9	32314.5	43080.6	377	10.5	21600	7775	0.3360	0.3360	5.78	28990	38060
791018	5802N	14846W	18745.8	31940.8	43056.2	345	12.5	21600	7241	0.3352	0.3352	5.75	8728	19800
791030	5702N	15110W	18720.8	32359.1	43025.8	388	17.0	20000	6594	0.3297	0.3297	6.24	14752	22440
791029	5615N	15251W	18682.4	32695.2	43478.2	394	0.0	12000	3928	0.3273	0.3273	4.10	3489	7700
771011	5834N	14819W	18750.4	31782.3	43134.2	410	14.0	18480	6026	0.3261	0.3261	9.32	2476	9020
791017	5817N	14829W	18748.6	31862.1	43089.4	306	12.8	21600	6872	0.3181	0.3181	5.17	10810	19360
791028	5611N	15318W	18676.7	32753.9	43614.7	388	10.0	15000	4740	0.3160	0.3160	8.46	6997	12760
791004	5619N	15228W	18687.4	32643.8	43371.1	399	11.7	21600	6532	0.3024	0.3024	6.20	6994	15400
791016	5916N	14658W	18745.5	31539.4	43233.1	284	18.2	15960	4824	0.3022	0.3022	3.33	10356	17820
771013	5843N	14801W	18750.9	31720.1	43161.4	424	14.0	16280	4668	0.3002	0.3002	10.99	7872	12760
791013	5829N	14820W	18750.0	31803.9	43119.9	328	11.7	21600	6344	0.2937	0.2937	5.28	20820	29260
791021	5710N	15100W	18725.3	32313.0	43007.7	366	16.0	20000	5567	0.2783	0.2783	4.21	21277	27720
771005	5905N	14735W	18750.5	31614.6	43214.3	364	11.5	18480	4846	0.2622	0.2622	7.60	1925	7700
791016	5835N	14820W	18750.5	31779.2	43137.5	323	12.1	21600	5549	0.2569	0.2569	5.32	6196	19140
791011	5913N	14635W	18745.8	31533.3	43214.7	372	16.7	15960	3974	0.2490	0.2490	3.65	24363	28820
781001	5707N	15101W	18723.8	32326.7	43012.4	437	23.0	15950	3948	0.2469	0.2469	5.86	20482	25300
791124	5628N	15203W	18696.2	32570.7	43248.2	383	14.0	15200	3749	0.2466	0.2466	6.32	1831	9020
791013	5721N	15011W	18731.7	32205.4	43000.2	399	17.0	20000	4745	0.2373	0.2373	6.54	8688	15180
781012	5912N	14642W	18745.9	31862.9	43214.3	410	21.0	14000	3259	0.2356	0.2356	4.31	8142	12100
791122	5559N	15331W	18664.0	32825.0	43726.9	191	13.0	15200	3581	0.2356	0.2356	5.44	3058	13200
791217	5457N	15715W	18543.9	33464.6	45139.6	126	18.2	15960	3740	0.2343	0.2343	4.80	432	29480
781005	5927N	14513W	18748.0	31417.4	43227.5	424	29.3	20400	4364	0.2139	0.2139	6.53	6932	12320
771015	5840N	14808W	18750.7	31747.2	43148.6	410	13.0	18480	3739	0.2023	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 7X	LORAN-C 7Y	PULSE 7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET HOOK (LBS)	TARGET CATCH PER HOOK (LBS)	MEAN SIZE (LBS/FISH)	CISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
791015	5722N	15041W	18731.5	32239.0	4300.1	120	8.2	21600	4182	0.1936	0.1936	2.23	540	25960
791017	5912N	14720W	18749.9	31573.4	43230.2	437	20.4	15960	3017	0.1890	0.1890	5.53	13845	18260
791027	5637N	15147W	18703.6	32511.6	43166.0	372	21.0	20000	3669	0.1835	0.1835	4.54	12792	17160
79103	5631N	15153W	18659.0	32547.1	43207.6	348	11.1	21600	3958	0.1833	0.1833	5.05	13789	20020
79105	5454N	15731W	18534.4	32507.5	45239.3	109	18.0	15200	2650	0.1770	0.1770	2.12	670	24200
791010	5747N	14927W	18741.7	32047.1	43029.3	396	16.3	18480	3024	0.1636	0.1636	6.21	4180	4180
79107	5849N	14805W	18750.9	31707.1	43175.5	451	9.5	15400	2494	0.1619	0.1619	8.21	1412	5060
791025	5554N	15402W	18655.7	32893.2	43899.6	394	16.0	20400	3177	0.1589	0.1589	5.18	4417	5900
79103	5846N	14803W	18750.9	31717.8	43165.2	407	18.9	20400	3076	0.1508	0.1508	7.81	34057	38500
791017	5851N	14759W	18750.5	31693.4	43179.5	451	15.8	18480	2178	0.1179	0.1179	7.90	1520	4400
79107	5559N	15357W	18661.5	32865.3	43855.0	93	17.5	15960	1813	0.1136	0.1136	2.43	839	34100
791021	5557N	15337W	18663.4	32839.6	43763.8	109	12.0	15200	1631	0.1073	0.1073	2.57	193	7480
791023	5615N	15250W	18682.4	32693.6	43474.1	246	7.0	8000	839	0.1048	0.1048	6.58	2027	3080
79103	5503N	15711W	18555.4	33435.6	45104.1	109	18.0	15200	1589	0.1046	0.1046	2.61	254	27940
791025	5619N	15301W	18685.1	32695.1	43502.0	164	12.0	15200	1426	0.0544	0.0544	2.52	469	7920
791023	5500N	15710W	18550.4	33444.1	45104.3	98	12.5	15750	1384	0.0879	0.0879	2.40	440	14520
7911	5255N	15614W	18603.7	33243.3	44721.0	109	17.5	17500	1373	0.0785	0.0785	2.97	618	18920
791023	5602N	15331W	18667.0	32810.4	43714.4	109	12.0	15200	1150	0.0783	0.0783	2.63	306	11880
791010	5450N	15751W	18521.5	33562.3	45164.3	101	16.0	13940	976	0.0700	0.0700	3.56	391	30580
791028	5507N	15702W	18564.2	33403.3	45043.0	112	14.5	18800	1127	0.0600	0.0600	4.03	743	40480
791013	5508N	15702W	18565.9	33395.8	45040.9	93	16.0	19600	851	0.0434	0.0434	2.56	730	28820
7911	5808N	14843W	18747.0	31913.2	43069.5	465	21.0	14400	517	0.0359	0.0359	6.60	24635	25740
791025	5500N	15712W	18549.9	33448.1	45116.1	115	15.5	15960	548	0.0343	0.0343	3.49	112	27500
79102	5603N	15340W	18667.2	32821.3	43753.8	88	15.3	15960	486	0.0305	0.0305	2.68	790	33220
79104	5555N	15335W	18655.5	32844.0	43762.5	109	16.5	18000	445	0.0247	0.0247	3.27	294	30140
791015	5450N	15749W	18522.1	33558.2	45152.5	104	16.0	19200	468	0.0244	0.0244	4.84	1624	15840
79107	5455N	15734W	18535.5	33510.2	45255.0	84	17.0	15990	300	0.0188	0.0188	2.20	704	27720
79102	5442N	15752W	18505.8	33590.9	45384.0	109	13.0	15200	263	0.0173	0.0173	3.23	279	5940
79106	5451N	15748W	18524.8	33548.6	45333.0	82	19.0	15990	202	0.0126	0.0126	1.98	1200	27060
79104	5552N	15734W	18629.2	33297.0	45157.2	115	18.0	15200	180	0.0119	0.0119	3.26	296	26840
79112	5516N	15630W	18585.3	33307.5	44835.7	82	15.0	19600	172	0.0088	0.0088	3.08	1561	23980
791031	5526N	15627W	18601.0	33264.7	44795.0	98	14.5	19600	120	0.0061	0.0061	2.75	1166	27280
791014	5501N	15717W	18550.5	33454.6	45143.4	88	15.0	19600	77	0.0039	0.0039	2.79	684	27940
79115	5529N	15628W	18605.2	33255.4	44794.1	96	18.0	19000	44	0.0023	0.0023	2.36	615	39380
79103	5448N	15755W	18516.5	33577.3	45291.4	98	12.0	9430	16	0.0017	0.0017	2.20	25300	38060
791028	5528N	15632W	18603.1	33267.0	44820.1	86	15.0	19600	31	0.0016	0.0016	2.53	1554	38060
79116	5527N	15630W	18601.0	33278.6	44846.1	93	12.0	14500	23	0.0016	0.0016	2.20	428	22220
791025	5529N	15631W	18604.8	33261.3	44811.9	98	18.0	19600	19	0.0010	0.0010	2.20	1017	33880
791024	5525N	15635W	18598.1	33284.1	44844.6	98	14.5	21000	19	0.0009	0.0009	3.30	1725	35420
79117	5527N	15632W	18601.6	33270.7	44822.4	93	9.0	11500	9	0.0008	0.0008	1.98	695	18920
791025	5522N	15629W	18594.6	33283.5	44816.0	53	14.5	16450	12	0.0007	0.0007	1.98	1872	34980
791026	5528N	15638W	18602.1	33278.7	44855.9	88	15.5	19600	13	0.0006	0.0006	2.20	1449	36080
79105	5456N	15736W	18536.8	33510.5	45265.0	69	16.0	15990	5	0.0003	0.0003	1.32	421	25520
79104	5455N	15734W	18535.5	33510.2	45255.0	66	16.0	15990	4	0.0003	0.0003	1.76	344	29920

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

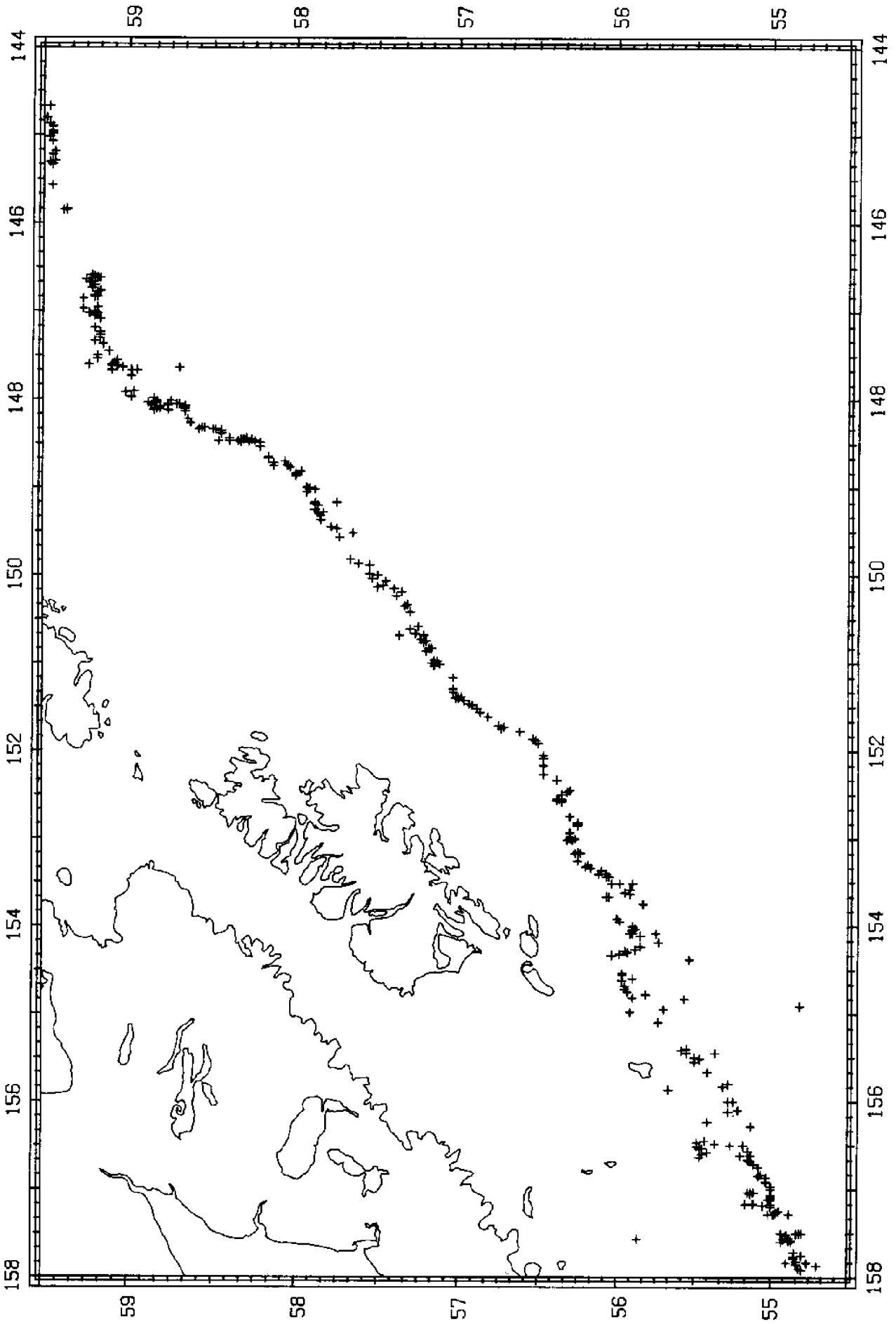


FIGURE C-1. SABLEFISH, ALL MONTHS, 1977-1979

TABLE C-7. PACIFIC COD, JANUARY-MARCH

DATE	LAT	LONG	APPROX LORAN-C 7X	PULSE 7Y	RATES 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	1530W	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	LAT	LONG	APPROX LORAN-C 7X	PULSE 7Y	RATES 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.	1.0548	5.97	377.	22440.
79 5 1	5508N	15703W	18565.7	33463.8	45046.8	93.	12.0	16800.	18069.	1.0755	5.72	780.	19140.
78 5 13	5458N	15724W	18543.5	33479.4	45190.5	107.	18.5	19200.	17146.	0.8930	7.77	447.	17600.
79 5 14	5618N	15256W	18684.6	32697.2	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***

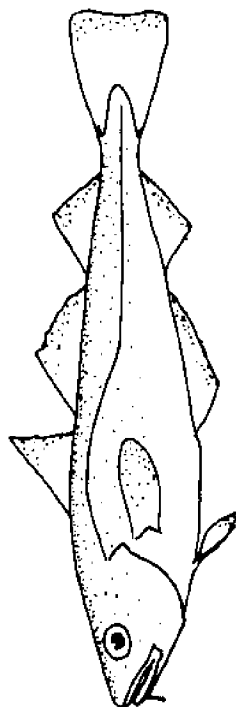


TABLE C-9. PACIFIC COD, JULY-SEPTEMBER

DATE	LAT	LONG	APPROX LORAN-C 7X	7Y	PULSE 7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS	TARGET CATCH (LBS)	TARGET HOOK (LBS)	CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 928	5600N	15355W	18662.7	3285E.1	43840.9	86.	17.0	15960.	51642.	3.2357	3.2357	8.97	2413.	60060.
78 820	5500N	15719W	18548.2	3346Z.3	45157.2	66.	16.0	17220.	4263.	2.5705	2.5705	5.50	1454.	46420.
79 920	5604N	15340W	18668.2	32817.4	43749.8	98.	17.1	15960.	28993.	1.8166	1.8166	9.07	611.	31240.
79 828	5453N	15733W	18532.1	33515.0	45252.9	93.	15.3	19950.	29412.	1.4743	1.4743	9.71	265.	30580.
79 925	5604N	15343W	18667.9	32822.4	43764.6	93.	17.7	15960.	20225.	1.2672	1.2672	8.77	305.	22000.
79 922	5604N	15340W	18668.2	32817.4	43749.8	93.	18.5	15960.	19605.	1.2284	1.2284	8.12	540.	21560.
78 717	5449N	15752W	18519.3	33517.8	45371.9	77.	18.0	23200.	28380.	1.2233	1.2233	5.86	0.	28380.
78 913	5453N	15735W	18531.5	33519.1	45264.6	120.	16.4	20000.	24085.	1.2042	1.2042	9.49	248.	24860.
78 716	5500N	15718W	18548.5	33460.3	45151.3	88.	15.9	20000.	23517.	1.1758	1.1758	6.14	243.	23760.
78 912	5453N	15735W	18531.5	33519.1	45264.6	115.	17.0	20000.	23479.	1.1740	1.1740	7.06	499.	24640.
79 912	5555N	15459W	18650.9	32988.6	44205.9	98.	14.0	21280.	20531.	0.9648	0.9648	4.75	531.	26400.
78 722	5450N	15753W	18521.0	33566.5	45376.1	82.	16.1	23200.	22379.	0.9646	0.9646	5.35	76.	22660.
78 718	5446N	15755W	18512.7	33584.0	45394.8	77.	20.1	23200.	26709.	0.8326	0.8326	6.26	101.	20900.
78 723	5450N	15755W	18520.4	33570.6	45388.0	82.	17.1	23200.	20658.	0.8521	0.8521	5.74	202.	20900.
78 717	5509N	15702W	18567.5	33396.2	45138.8	88.	16.2	20000.	17676.	0.8338	0.8338	5.44	39.	18040.
79 515	5544N	15506W	18637.0	33044.1	44278.8	109.	9.5	16800.	14585.	0.8681	0.8681	5.56	1403.	18260.
78 515	5453N	15735W	18531.5	33519.1	45264.6	115.	15.3	20000.	16263.	0.8132	0.8132	8.40	703.	18700.
78 720	5449N	15754W	18518.8	33571.9	45183.8	82.	17.3	23200.	18358.	0.7930	0.7930	6.83	227.	18700.
78 719	5454N	15750W	18529.4	33546.7	45351.5	82.	18.1	23200.	17703.	0.7630	0.7630	5.86	31.	18040.
78 715	5459N	15717W	18547.0	33461.7	45147.4	83.	16.0	20000.	14061.	0.7430	0.7430	5.46	758.	16280.
78 916	5453N	15735W	18531.5	33519.1	45264.6	115.	16.3	20000.	14268.	0.7134	0.7134	7.39	378.	16720.
78 914	5452N	15736W	18529.7	33522.5	45266.5	126.	16.0	20000.	14088.	0.7044	0.7044	7.78	578.	16060.
78 718	5450N	15719W	18530.3	33496.6	45176.9	88.	15.2	19000.	13301.	0.7001	0.7001	7.79	183.	14520.
78 722	5601N	15717W	18550.5	33454.8	45143.4	77.	15.8	20000.	13468.	0.6744	0.6744	6.22	139.	13860.
78 719	5457N	15726W	18541.2	33487.0	45204.2	77.	16.5	20000.	13255.	0.6628	0.6628	5.68	86.	13420.
78 918	5458N	15716W	18545.4	33463.1	45143.5	115.	15.3	20000.	13147.	0.6574	0.6574	5.38	53.	13200.
78 715	5451N	15743W	18525.6	33542.4	45315.4	98.	16.0	20000.	12122.	0.6061	0.6061	7.98	469.	13640.
79 930	5727N	15006W	18734.3	32174.8	43003.2	383.	18.5	15960.	9989.	0.4994	0.4994	6.78	197.	10560.
78 714	5456N	15730W	18538.3	33498.6	45229.6	88.	16.0	20000.	7405.	0.4640	0.4640	5.30	18762.	29480.
78 918	5453N	15735W	18531.5	33519.1	45264.6	115.	15.5	10000.	8654.	0.4327	0.4327	5.85	81.	9240.
79 915	5602N	15420W	18662.5	32892.7	43965.5	246.	15.0	21280.	3631.	0.3631	0.3631	7.51	154.	3960.
79 814	5512N	14700W	18749.9	31557.2	43221.4	301.	10.0	17840.	6618.	0.3110	0.3110	6.86	6539.	23760.
									228.	0.0129	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

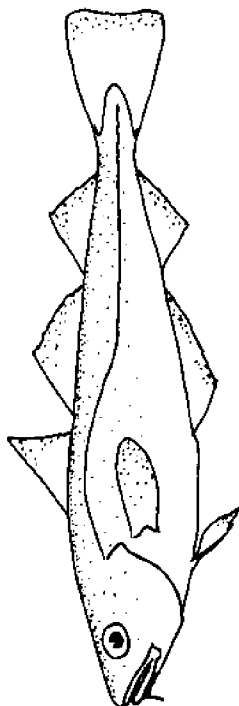
DATE YMPDD	LAT	LONG	APPRX 7X	LCRAN-C 7Y	PULSE 7Z	RATES	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
7910 3	5558N	15359W	18660.3	32872.6	43869.0	93.	18.5	15960.	41293.	2.5873	9.75	600.	49500.	
7910 5	5448N	15752W	18516.5	33577.3	45391.4	98.	12.0	9430.	24286.	2.5754	8.14	647.	25300.	
7810 10	5456N	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.	
7910 25	5522N	15629W	18594.6	33283.5	44816.0	93.	14.5	16450.	32647.	1.9846	8.14	172.	34980.	
7910 28	5507N	15702W	18564.2	33407.3	45043.0	112.	14.5	18800.	35060.	1.8649	8.35	743.	40480.	
7910 28	5528N	15632W	18603.1	33267.0	44820.1	88.	15.0	19600.	36248.	1.8514	10.63	1554.	38060.	
7810 4	5455N	15734W	18535.5	33510.2	45255.0	66.	16.0	15990.	29532.	1.8459	6.16	344.	29920.	
7910 30	5444N	15756W	18507.9	33596.9	45415.8	85.	14.0	18900.	33367.	1.7749	8.25	1387.	35420.	
7910 26	5528N	15638W	18602.1	33278.7	44855.9	88.	15.5	19600.	34153.	1.7446	8.86	1449.	36080.	
7910 4	5522N	15734W	18629.2	33297.0	45157.2	115.	18.0	15200.	25873.	1.7022	9.51	296.	26840.	
7910 27	5527N	15640W	18600.3	33286.4	44870.0	82.	15.0	19600.	32561.	1.6613	7.06	897.	33660.	
7910 2	5603N	15340W	18667.2	32821.3	43753.8	88.	15.3	15960.	26457.	1.6577	8.57	750.	33220.	
7810 7	5455N	15734W	18535.5	33510.2	45255.0	84.	17.0	15990.	26486.	1.6564	7.70	704.	27720.	
7910 29	5529N	15631W	18604.8	33261.3	44611.9	98.	18.0	19600.	32385.	1.6523	8.77	1017.	33880.	
7910 3	5503N	15711W	18555.4	33435.6	45104.1	109.	18.0	15200.	24840.	1.6342	8.63	254.	27940.	
7911 4	5559N	15335W	18659.5	32844.0	43762.5	109.	16.5	18000.	28978.	1.6099	6.13	294.	30140.	
7912 15	5500N	15712W	18549.9	33448.1	45116.1	115.	15.5	15960.	25562.	1.6016	5.48	112.	27500.	
7810 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	655.	18920.	
7810 7	5456N	15736W	18536.8	33510.9	45265.0	69.	16.0	15990.	25076.	1.5668	6.60	421.	25520.	
7910 24	5525N	15635W	18598.1	33284.1	44644.6	98.	14.5	21000.	32904.	1.5668	7.34	1725.	35420.	
7810 3	5454N	15733W	18533.5	33511.6	45251.0	79.	18.0	15990.	24530.	1.5341	6.60	178.	24860.	
7910 4	5559N	15335W	18661.7	32862.0	43844.8	82.	17.0	15960.	23903.	1.4977	8.43	499.	27940.	
7911 6	5527N	15636W	18601.0	33278.6	44846.1	93.	12.0	14500.	21628.	1.4914	7.64	428.	22220.	
7912 17	5457N	15715W	18543.9	33464.6	45139.6	126.	18.2	15960.	23697.	1.4648	8.33	432.	29480.	
7910 7	5594N	15357W	18661.5	32865.3	43855.0	93.	17.5	15960.	21983.	1.3774	8.44	839.	34100.	
7911 14	5501N	15717W	18550.5	33454.8	45143.4	88.	15.0	19600.	26781.	1.3664	6.35	684.	27940.	
7911 3	5508N	15702W	18565.9	33399.8	45040.9	93.	16.0	19600.	26621.	1.3582	6.63	730.	26820.	
7910 5	5454N	15731W	18534.4	33507.5	45239.3	109.	18.0	15200.	20188.	1.3221	6.15	721.	24200.	
7910 31	5526N	15627W	18601.0	33264.7	44795.0	98.	14.5	19600.	25564.	1.3043	6.36	1166.	27280.	
7910 30	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.	21753.	1.1119	7.03	1561.	23980.	
7910 19	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.	
7910 23	5500N	15710W	18550.4	33444.1	45104.3	98.	12.5	15750.	11188.	0.7103	5.28	440.	14520.	
7810 15	5450N	15749W	18522.1	33558.2	45352.5	104.	16.0	19200.	13022.	0.6888	6.64	1624.	15840.	
7910 8	5615N	15301W	18681.6	32710.9	43714.4	109.	12.0	15200.	9887.	0.6505	8.09	306.	11880.	
7910 10	5735N	14952W	18737.5	32125.3	43011.2	366.	20.0	15960.	8744.	0.4225	7.72	31041.	39160.	
7911 22	5559N	15331W	18664.0	32822.0	43726.9	191.	13.0	15200.	5420.	0.2629	7.46	3058.	22440.	
7912 2	5442N	15752W	18505.8	33590.9	45384.0	109.	13.0	15200.	5205.	0.3424	5.58	279.	5940.	
7911 25	5619N	15301W	18685.1	32695.1	43502.0	164.	12.0	15200.	4809.	0.2163	8.45	1469.	7920.	
7911 21	5557N	15337W	18661.4	32839.6	43763.8	109.	12.0	15200.	4218.	0.2775	6.10	193.	7480.	
7910 18	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	LAT	LONG	APPROX 7X	LORAN-C 7Y	PULSE 7Z	SATES	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	18745.7	31537.3	43219.5	355.	17.5	14400.	26.	0.0018	7.04	14252.	29480.	
791013	5912N	14711W	18745.9	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***



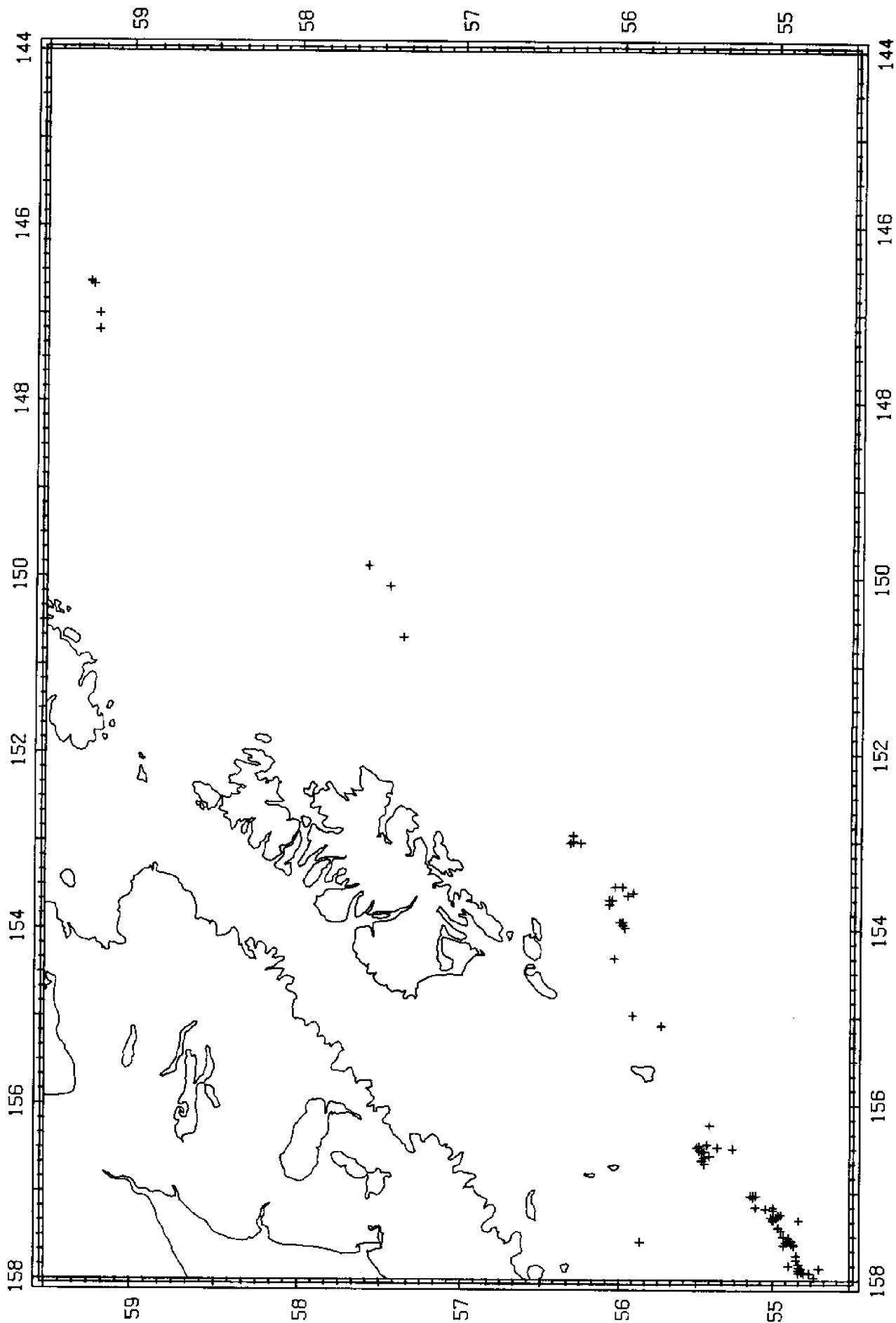


FIGURE C-2. PACIFIC COD, ALL MONTHS, 1977-1979

TABLE C-11. PACIFIC HALIBUT, JANUARY-MARCH

DATE YYMMDD	LAT	LONG	APPRX 7X	LORAN-C 7Y	PULSE 7Z	RATES	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	5918N	15300W	18684.3	32897.5	4302.2	350.	12.0	5400.	213.	0.0394	6.60	320.	3960.	
78 3 2	5701N	15124W	18719.8	32382.2	43036.0	345.	18.0	18480.	561.	0.0303	9.24	4254.	16500.	
78 3 2	5451N	15747W	18524.5	33550.6	45239.0	355.	18.0	18480.	388.	0.0210	8.98	9067.	17600.	
78 3 3	5510N	15710W	18567.5	33608.7	45084.2	355.	20.0	18480.	200.	0.0108	33.00	1982.	18700.	
78 3 5	5509N	15634W	18573.4	33340.6	44875.2	359.	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	APPRX 7Y	LORAN-C 7Y	PULSE 7Z	RATES	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 6 30	5927N	14520W	18748.0	31422.3	42229.7	394.	18.0	16800.	530.	0.0315	44.00	1837.	12980.	
79 7 28	5710N	15050W	18725.6	32299.9	43006.0	383.	14.0	19200.	359.	0.0187	15.00	8575.	17380.	
79 5 1	5508N	15703W	18585.7	33401.8	45046.8	93.	12.0	16800.	253.	0.0150	6.05	780.	19140.	
79 7 22	5519N	15550W	18597.1	33219.5	44598.5	301.	13.0	15200.	153.	0.0101	88.00	15045.	16500.	
79 5 14	5618N	15256W	18884.6	32691.2	43485.0	355.	14.5	15200.	52.	0.0034	8.80	10299.	19800.	
78 5 13	5458N	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-14. PACIFIC HALIBUT, OCTOBER-DECEMBER

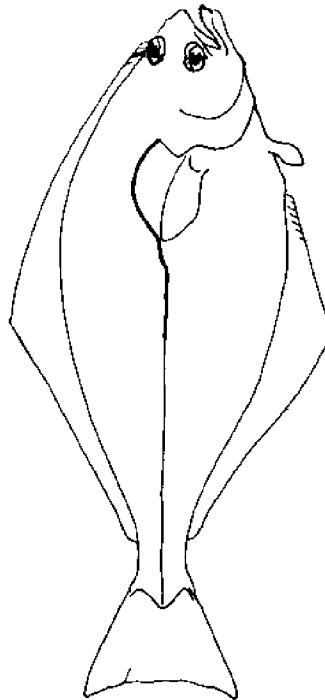
DATE YYMMDD	LAT	LONG	APPFX 7X	LOAN-C 7Y	RATE 7Z	DEPTH (FMS)	HOURS SFT	NUMBER OF HOURS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOUR (LBS)	MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	3029.	0.5657	6.42	839.	34160.
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	3029.	0.5657	6.42	839.	34160.
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	7184.	0.4454	8.12	600.	49500.
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	6615.	0.4345	27.02	9885.	30560.
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	4011.	0.2533	7.71	750.	33220.
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	3341.	0.2034	6.55	499.	27940.
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	3302.	0.2055	12.40	6810.	24420.
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	3166.	0.1985	11.03	14427.	29920.
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	3355.	0.1576	12.06	1631.	5020.
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	3295.	0.1528	10.92	6196.	19140.
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	1714.	0.1074	10.19	19121.	55860.
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	1356.	0.0914	8.97	153.	7480.
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	1234.	0.0633	10.64	9277.	21560.
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	1277.	0.0679	7.63	743.	40480.
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	985.	0.0617	10.12	10570.	25080.
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	762.	0.0603	7.90	432.	29480.
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	947.	0.0504	92.64	8836.	30580.
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	765.	0.0502	9.12	1969.	13860.
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	817.	0.0490	7.54	618.	18920.
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	519.	0.0388	6.71	112.	27500.
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	574.	0.0377	5.07	469.	7920.
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	512.	0.0354	7.14	440.	14520.
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	559.	0.0295	7.31	1725.	35420.
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	422.	0.0264	5.86	254.	27940.
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	433.	0.0277	7.37	306.	11880.
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	595.	0.0260	5.01	5058.	13200.
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	353.	0.0257	7.56	296.	26840.
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	534.	0.0247	14.22	4990.	17820.
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	472.	0.0245	7.55	1872.	34900.
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	523.	0.0242	5.13	540.	25560.
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	334.	0.0210	11.56	10356.	17820.
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	379.	0.0208	4.66	294.	30140.
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	484.	0.0206	7.61	1449.	36080.
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	460.	0.0204	6.07	730.	28920.
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	250.	0.0196	6.17	721.	24200.
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	270.	0.0188	18.31	14252.	29480.
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	319.	0.0175	8.07	1624.	15940.
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	305.	0.0162	7.15	1387.	35420.
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	297.	0.0151	8.38	1017.	33880.
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	261.	0.0133	15.66	1166.	27280.
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	259.	0.0122	3.83	684.	27940.
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	207.	0.0096	6.66	9045.	21780.
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	151.	0.0095	5.28	178.	24860.
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	127.	0.0093	6.30	391.	30580.
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	177.	0.0090	5.59	656.	26400.
7910 7	5559A	13357W	18681.5	32865.3	43855.0	93.	17.5	15960.	126.	0.0089	7.35	428.	22220.

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

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

DATE	LAT	LONG	APPROX LGHAK-C	PULSE	RATES	DEPTH	HOURS	NUMBER	TARGET	TARGET	TARGET	TARGET	TOTAL
YEAR			7X	7Y	7Z	(FMS)	SET	SETS	CATCH	CATCH	MEAN	CATCH	CATCH
									(LBS)	(LBS)	(LBS/FISH)	(LBS)	(LBS)
791027	5527N	15640W	18605.3	33206.4	44870.0	82.	15.0	19600.	0.0087	171.	5.32	897.	33660.
791028	5528N	15632W	18603.1	33267.0	44820.1	82.	15.0	19600.	0.0092	140.	8.65	1554.	38060.
78117	5910N	14718W	18750.1	31580.0	43222.8	555.	19.0	14400.	0.0075	113.	12.77	11830.	29260.
791014	5851N	14607W	18750.5	31700.6	43182.9	317.	11.0	21600.	0.0073	158.	17.60	7702.	20460.
79105	5448N	15755W	18516.5	35577.3	45191.4	93.	12.0	9430.	0.0071	67.	5.39	647.	25300.
79115	5529N	15628W	18605.2	33255.4	44794.1	98.	18.0	19000.	0.0057	109.	11.56	515.	39380.
79118	5839N	14813W	18750.7	31756.0	43147.3	355.	17.0	14400.	0.0054	76.	13.49	13702.	36520.
791214	5522N	15527W	18605.2	33165.4	44461.4	394.	13.8	15960.	0.0035	62.	13.64	12413.	31020.
791213	5554N	15436W	18552.2	32551.9	44180.2	372.	12.0	15960.	0.0032	61.	10.34	2534.	36300.
791017	5817N	14229W	18746.8	31862.1	43189.4	308.	12.8	21600.	0.0028	60.	13.42	10810.	19360.
78107	5455N	15734W	18535.5	33510.2	45255.0	84.	17.0	15960.	0.0027	43.	4.45	704.	27720.
79112	5518N	15630W	18595.3	33307.5	44635.7	82.	15.0	19600.	0.0027	53.	6.53	1561.	23580.
79122	5442N	15752W	18504.8	33590.9	45384.0	109.	13.0	15200.	0.0026	39.	6.99	279.	5940.
78104	5455N	15734W	18535.5	33510.2	45255.0	66.	16.0	15960.	0.0020	32.	4.47	344.	29920.
79117	5527N	15632W	18601.6	33270.7	44822.4	93.	9.0	11500.	0.0018	21.	4.49	695.	18920.
78108	5451N	15746W	18524.8	33548.6	45333.0	82.	19.0	15960.	0.0017	27.	4.22	1200.	27060.
791018	5802N	14646W	18745.0	31940.0	43056.2	345.	12.5	21600.	0.0016	35.	8.36	8728.	19800.
791130	5557N	15417W	18657.4	32907.2	43566.9	323.	14.0	15200.	0.0014	21.	7.26	6137.	17160.

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



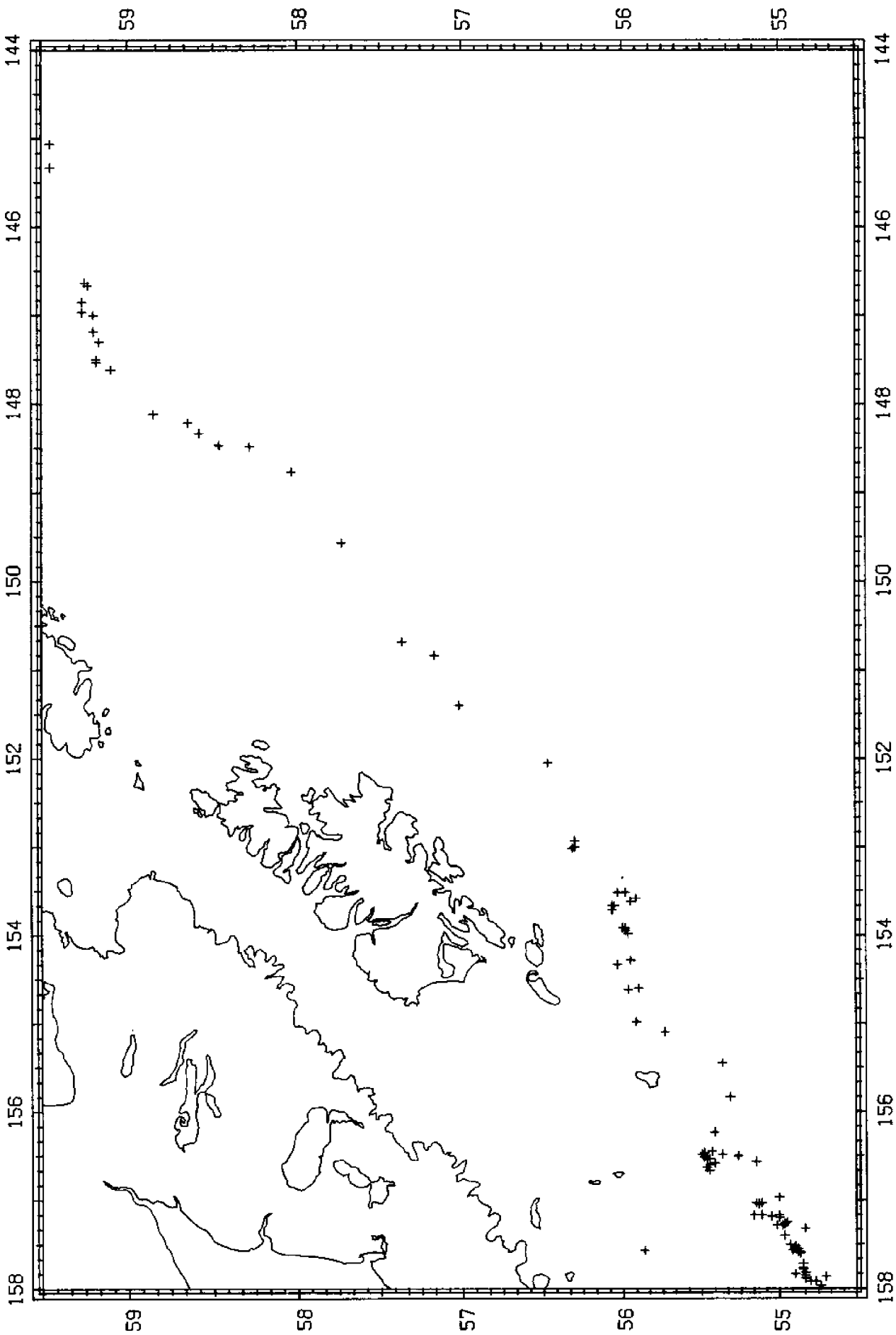


FIGURE C-3. PACIFIC HALIBUT, ALL MONTHS, 1977-1979

TABLE C-15. FLOUNDERS, JANUARY-MARCH

DATE YYMMDD	LAT	LONG	APPROX TX	LORAN-C ZY	PULSE FZ	DEPTH (FMS)	F-OURS 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	43536.5	328.	18.0	18480.	2110.	0.1142	5.66	3456.	21120.
78 3 8	5701N	15124W	18719.6	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.	1925.	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	4315.	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	4082.	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***

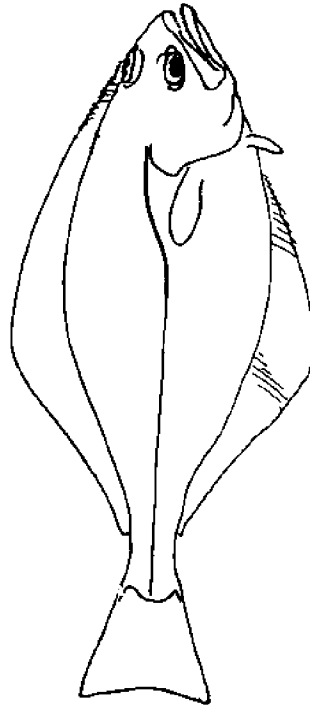


TABLE C-16. FLOWNDERS, APRIL-JUNE

DATE YYMMDD	LAT	LONG	APPROX LCRAN-C 7X	7Y	PULSE 7Z	RATES	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	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.	
79 628	5912N	14650W	18749.9	31549.2	43217.3	328.	14.0	20000.	2770.	0.1395	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	43331.3	328.	24.5	17020.	1827.	0.1074	5.11	18920.	18920.	
79 425	5517N	15607W	18591.1	33259.2	44700.4	334.	18.5	15200.	1543.	0.1015	4.70	10896.	15840.	
79 620	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	326.	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.	0.0872	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.	
79 514	5542N	15457W	18635.7	33035.6	44234.8	334.	17.5	20160.	1619.	0.0803	3.50	101.	11440.	
79 423	5540N	15552W	18626.0	33144.4	44594.8	339.	13.0	19200.	1500.	0.0781	4.42	1812.	17160.	
79 629	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.	22860.	
79 422	5533N	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	44809.7	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 5	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.	885.	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	43572.7	328.	13.0	19200.	787.	0.0399	4.27	5804.	20020.	
79 5 1	5615N	15249W	18682.5	32692.0	43470.0	317.	17.3	22260.	637.	0.0376	3.94	4113.	11660.	
79 426	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.	
79 427	5603N	15326W	18668.4	32796.3	43686.5	339.	16.3	22260.	624.	0.0280	5.27	2997.	7700.	
79 524	5632N	15152W	18695.8	32538.7	43200.7	328.	19.5	18400.	468.	0.0254	3.17	7530.	13860.	
79 425	5558N	15007W	18734.6	32172.0	43003.9	328.	13.8	16800.	426.	0.0254	3.63	5907.	12980.	
79 421	5533N	15527W	18620.2	33124.5	44429.6	301.	18.0	22260.	563.	0.0253	5.60	3293.	12980.	
79 530	5708N	15059W	18724.4	32319.9	43010.3	328.	15.0	15120.	301.	0.0159	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.	
79 619	5720N	15021W	18731.0	32221.9	42599.9	355.	16.0	20000.	351.	0.0176	10.12	26009.	45760.	
79 428	5556N	15418W	18656.3	32912.8	43575.8	317.	7.3	8268.	143.	0.0173	3.83	607.	2860.	
79 525	5504N	15650W	18561.8	33369.9	44579.3	355.	17.0	19200.	329.	0.0171	4.18	45110.	56320.	
79 523	5508N	15637W	18571.2	33350.0	44894.9	326.	13.0	15120.	258.	0.0171	10.73	14258.	21120.	
79 425	5614N	15310W	18680.1	32729.2	43564.9	328.	18.1	23520.	400.	0.0170	4.35	9432.	16280.	
79 615	5824N	14824W	18749.5	31832.4	43008.0	328.	17.0	14040.	207.	0.0148	3.34	9576.	20460.	
79 5 3	5712N	15045W	18726.7	32285.2	43003.5	301.	19.3	22260.	310.	0.0139	4.72	6858.	10560.	
79 430	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.	15.8	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	1663.	20900.	

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

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

DATE YYMMDD	LAT	LONG	APPROX 7X	LORAN-C 7Y	PULSE 7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCF PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 512	5630N	15155W	18698.1	32551.0	42217.5	328.	15.5	15200.	125.	0.0082	5.50	13426.	17600.
79 625	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	5714N	14701W	18749.7	31545.9	42228.1	355.	14.0	20900.	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.	103.	0.0067	5.19	10550.	20620.
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	43815.0	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	33234.5	45084.7	164.	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	32875.9	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	33619.4	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.
79 525	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	18612.5	33150.6	44466.4	383.	18.3	23520.	40.	0.0017	5.28	13233.	16720.
79 5 1	5508N	15703W	18565.7	33601.8	45046.8	93.	12.0	16800.	24.	0.0014	3.08	780.	19140.
79 430	5730N	15008W	18735.4	32165.0	43009.6	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	18651.2	32615.9	43324.3	410.	14.0	15200.	10.	0.0007	2.64	18218.	24420.
78 5 2	5719N	15020W	18730.6	32224.8	42599.9	383.	17.2	22260.	6.	0.0003	2.57	5370.	10560.

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

TABLE C-17. FLOWNDERS, JULY-SEPTEMBER

DATE	LAT	LONG	APPROX LORAN-C	PULSE	RATES	DEPTH	HOURS	NUMBER OF	TARGET	TARGET	TARGET	DISCARDS	TOTAL
YMPMOD			7X	7Y	7Z	(FMS)	SET	HOOKS SET	CATCH (LBS)	HOOK (LBS)	PER (LBS/FISH)	CATCH (LBS)	CATCH (LBS)
79 515	5602N	15420W	18662.5	32892.7	43565.5	246	15.0	21280	6298	0.2959	5.49	6539	23760
79 8 4	5512N	14700W	18745.9	31557.2	43221.4	301	10.0	17640	2901	0.1645	4.32	1224	12980
79 9 29	5914N	14736W	18745.7	31578.2	43244.8	301	18.0	15200	2061	0.1356	4.01	5269	12320
79 7 7	5500N	15700W	18552.6	33263.5	45046.0	372	20.0	16800	1724	0.1026	6.75	9676	19360
79 9 27	5623N	15234W	18690.3	32637.2	43373.3	372	19.3	15960	1067	0.0681	4.13	18910	25740
78 6 26	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 9 23	5616N	15300W	18682.6	32705.4	43511.5	366	20.0	15960	722	0.0452	4.05	14102	24640
79 9 11	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
75 9 25	5716N	15040W	18728.8	32262.4	43000.7	372	19.7	15960	663	0.0416	4.53	22713	32560
78 6 20	5500N	15719W	18546.2	33462.3	45157.2	66	16.0	17220	703	0.0408	2.93	1454	46420
79 9 28	5600N	15355W	18662.7	32856.1	43840.9	88	17.0	15960	641	0.0401	2.62	2413	60060
75 9 24	5607N	15324W	18672.4	32779.4	43660.1	339	18.5	15960	607	0.0380	4.41	21169	31020
79 6 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 7 23	5604N	15326W	18669.4	32794.4	43682.3	328	17.0	14400	439	0.0305	5.81	6678	12100
79 9 13	5711N	15050W	18726.1	32295.8	43004.9	383	12.5	16800	460	0.0274	4.70	27119	38280
79 9 20	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	24640
79 9 30	5727N	15006W	18734.3	32174.8	43003.2	303	18.5	15960	353	0.0221	2.80	18762	29480
78 9 30	5745N	14928W	18741.1	32056.4	43025.8	402	22.0	15960	344	0.0215	2.90	12349	20020
79 9 22	5604N	15340W	18668.2	32817.4	43749.8	93	18.5	15960	336	0.0211	1.97	540	21560
79 9 16	5500N	15707W	18551.1	33436.0	45086.8	394	18.0	17640	356	0.0202	2.56	11759	20020
79 9 10	5540N	15400W	18635.9	32809.9	43889.4	301	15.0	21280	433	0.0189	4.06	12720	22220
79 9 28	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 9 26	5551N	15414W	18651.2	32925.4	43972.7	355	18.7	15960	257	0.0161	3.05	25491	33660
79 9 25	5604N	15343W	18667.9	32832.4	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 7 31	5530N	15530W	18615.7	33341.3	44455.1	355	16.0	13680	195	0.0143	3.01	4414	10340
79 9 28	5910N	14714W	18750.1	31576.7	43221.0	355	17.0	15200	206	0.0136	4.73	2213	5060
78 9 8	5498N	15716W	18545.4	33463.1	45143.5	115	15.3	20000	262	0.0131	2.45	469	13640
78 6 27	5446N	15750W	18514.1	33573.6	45365.4	279	17.0	19200	244	0.0127	3.72	18623	37180
78 6 23	5505N	15645W	18564.6	33376.5	44548.0	427	17.0	19200	238	0.0124	4.27	24429	38280
78 9 26	5756N	14900W	18744.4	31980.3	43144.9	399	18.0	15960	195	0.0122	3.45	27390	35420
79 9 12	5555N	15459W	18650.9	32586.6	44205.9	98	14.0	21280	237	0.0111	1.99	551	26400
78 6 25	5450N	15730W	18527.3	33519.0	45240.9	317	15.0	19200	205	0.0107	2.23	27043	39380
79 9 13	5553N	15416W	18653.2	32921.1	43976.0	328	15.0	21280	224	0.0105	2.20	18252	26300
77 9 26	5756N	14903W	18744.3	31983.6	43144.9	394	15.0	14800	135	0.0091	2.97	19378	28160
79 6 26	5508N	15641W	18570.4	33357.9	44518.1	328	11.5	16800	146	0.0087	3.78	19335	33880
79 7 26	5549N	15447W	18645.3	32990.8	44157.2	328	16.0	13680	117	0.0086	5.60	5768	9680
79 7 28	5618N	15256W	18684.6	32691.2	43485.0	355	16.0	15480	172	0.0085	4.53	6001	11220
78 7 31	5911N	14657W	18750.0	31558.9	43217.0	383	17.0	23200	186	0.0080	5.23	10633	18920

*** NGIE *** 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	AFFIX LORAN-C 7X	7Y	RATES 7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET HCGK (LBS)	TARGET CATCH PER HCGK (LBS)	MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 7 3	5713N	15041W	18727.3	3227E.0	4302.3	355.	16.3	16800.	133.	0.0079	0.0079	3.56	8172.	15400.
79 7 4	5751N	14922W	18745.9	3202E.0	43036.5	350.	16.0	20000.	156.	0.0078	0.0078	1.76	26602.	42680.
79 8 7	5753N	14901W	18743.6	31993.6	43032.7	394.	11.0	17640.	139.	0.0079	0.0079	1.97	13144.	26620.
79 8 24	5502N	15655W	18557.4	33406.9	45012.0	303.	17.0	19200.	151.	0.0079	0.0079	4.66	17863.	27660.
79 8 12	5610N	15320W	18675.6	32761.1	43628.4	383.	15.0	17640.	132.	0.0075	0.0075	3.33	6545.	15400.
79 8 14	5902N	14738W	18750.6	31629.6	43205.9	355.	16.0	17220.	113.	0.0065	0.0065	6.75	4933.	11440.
79 8 25	5508N	15617W	18575.4	33310.9	44780.1	328.	11.5	16800.	107.	0.0064	0.0064	3.35	25473.	41800.
79 7 24	5557N	15443W	18654.8	32552.4	44109.2	355.	16.5	14400.	51.	0.0063	0.0063	3.36	4547.	12540.
79 8 11	5617N	15301W	18683.4	32703.0	43511.2	399.	13.0	17640.	112.	0.0064	0.0064	2.86	4771.	14080.
79 8 9	5739N	14931W	18735.2	32084.3	43016.6	410.	11.0	16800.	106.	0.0063	0.0063	2.01	2687.	10340.
79 7 30	5559N	15419W	18655.4	32502.8	43570.6	328.	16.0	14400.	67.	0.0061	0.0061	4.84	6768.	11220.
79 7 6	5755N	14900W	18744.1	31584.4	43042.8	345.	13.0	19500.	115.	0.0055	0.0055	2.64	22963.	30360.
79 8 6	5819N	14827W	18748.9	31851.9	43094.2	369.	10.0	17640.	101.	0.0057	0.0057	2.55	16635.	25080.
79 8 15	5544N	15506W	18637.0	33044.1	44278.8	109.	9.5	16800.	91.	0.0054	0.0054	1.66	1403.	18260.
79 7 22	5450N	15753W	18521.0	33566.5	45376.1	82.	16.1	23200.	119.	0.0051	0.0051	3.08	76.	22660.
79 8 28	5927N	14454W	18747.9	31402.9	43222.1	410.	16.8	20400.	100.	0.0049	0.0049	3.55	7422.	12540.
79 8 24	5752N	14917W	18743.2	32015.4	43038.1	394.	17.0	15990.	73.	0.0046	0.0046	2.97	18206.	24860.
79 8 18	5813N	14829W	18748.0	31878.4	43079.4	383.	20.2	20400.	52.	0.0045	0.0045	3.52	15444.	30580.
79 8 12	5718N	15025W	18730.1	32235.1	42999.9	355.	13.5	16800.	71.	0.0042	0.0042	3.83	15007.	25300.
79 8 4	5509N	15640W	18572.2	33552.4	44510.0	383.	16.0	14400.	59.	0.0041	0.0041	2.89	7211.	12540.
79 8 30	5922N	14551W	18748.7	31464.2	43225.6	383.	11.0	16800.	67.	0.0040	0.0040	4.55	28520.	39820.
79 8 25	5727N	15004W	18734.3	32172.4	43003.2	403.	20.0	15990.	60.	0.0037	0.0037	1.94	4334.	7700.
79 8 21	5621N	15233W	18688.7	32643.6	43379.4	372.	18.7	15960.	60.	0.0038	0.0038	3.08	14302.	27940.
79 8 25	5857N	14740W	18750.8	31651.9	43190.7	355.	16.3	20400.	77.	0.0038	0.0038	2.57	17122.	24200.
79 8 2	5512N	15606W	18585.2	33271.8	44704.9	355.	18.0	14400.	53.	0.0037	0.0037	9.75	6255.	8140.
79 8 14	5456N	15730W	18538.3	33496.6	45229.6	88.	16.0	20000.	64.	0.0032	0.0032	1.67	81.	9240.
79 8 12	5618N	15227W	18686.6	32648.2	43372.5	437.	15.5	21280.	57.	0.0027	0.0027	2.14	2084.	9460.
79 8 22	5910N	14705W	18750.1	31569.4	43217.2	410.	17.8	20460.	53.	0.0026	0.0026	4.62	29027.	37840.
79 8 8	5751N	14919W	18742.5	32021.7	43036.3	383.	11.0	17640.	42.	0.0024	0.0024	2.20	13780.	26620.
79 8 15	5454N	15750W	18525.4	33546.7	45351.5	82.	18.1	23200.	53.	0.0023	0.0023	2.64	31.	18040.
79 8 3	5927N	14504W	18747.9	31411.0	43224.9	383.	11.0	17640.	39.	0.0022	0.0022	2.53	9360.	23320.
79 8 20	5859N	14758W	18750.8	31659.3	43205.2	377.	19.8	20400.	43.	0.0021	0.0021	3.52	23947.	37620.
79 8 25	5530N	15533W	18615.3	33146.9	44472.0	355.	17.0	14400.	28.	0.0019	0.0019	2.64	5729.	10560.
79 8 3	5846N	14807W	18750.9	31721.4	43166.8	437.	16.1	23200.	45.	0.0019	0.0019	3.52	18040.	28600.
79 8 5	5453N	15755W	18531.5	33519.1	45264.6	115.	8.5	10000.	18.	0.0018	0.0018	2.14	154.	3960.
79 8 13	5700N	15124W	18719.2	32386.3	43039.6	383.	16.0	21280.	38.	0.0018	0.0018	1.54	16037.	23760.
79 8 27	5604N	15324W	18665.6	32791.1	43672.9	328.	16.0	14400.	25.	0.0017	0.0017	8.80	5681.	8580.
79 8 5	5500N	15704W	18551.8	31432.0	45069.3	383.	13.0	12960.	23.	0.0018	0.0018	3.41	6286.	11440.
79 8 20	5499N	15754W	18518.8	33571.9	45383.6	82.	17.3	23200.	38.	0.0016	0.0016	2.15	227.	18700.
79 8 10	5926N	14511W	18748.1	31419.7	43224.2	437.	13.1	16800.	28.	0.0017	0.0017	2.09	28559.	60040.
79 8 5	5810N	14840W	18747.4	31901.9	43073.9	410.	16.1	23200.	33.	0.0014	0.0014	2.64	11827.	25080.
79 8 30	5453N	15717W	18536.3	33482.3	45159.3	410.	16.3	19950.	29.	0.0014	0.0014	2.46	14313.	21120.
79 8 28	5733N	14959W	18736.7	32143.8	43008.8	416.	20.0	15990.	21.	0.0013	0.0013	1.76	14494.	22000.
79 8 17	5758N	14858W	18744.9	31960.3	43046.0	383.	20.0	26600.	35.	0.0013	0.0013	2.42	12052.	30800.
79 8 21	5859N	14740W	18750.8	31642.7	43197.1	470.	19.6	20400.	27.	0.0013	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	APPRX 7X	LOKAN-C 7Y	PULSE 77	RATES 77	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	FARGET 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.	26.	0.0012	2.64	8823.	20240.	
78 919	5827N	14821W	18745.8	31813.1	42114.5	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.	
78 725	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	31554.3	43052.4	383.	17.0	23200.	20.	0.0009	3.52	2745.	7920.	
78 524	5846N	14804W	18750.9	31710.7	43165.8	410.	12.8	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.	
78 525	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	32394.5	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 LOKAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

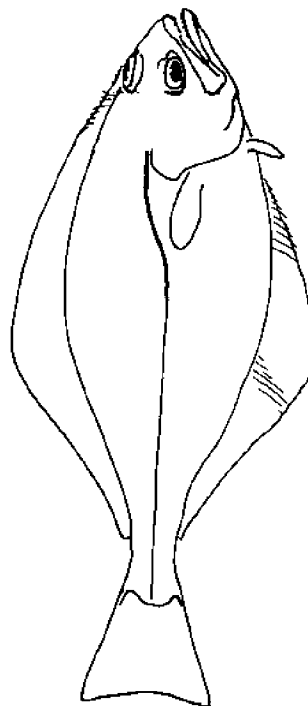


TABLE C-18. FLOUNDERS, OCTOBER-DECEMBER

DATE YYMMDD	LAT	LONG	AFFRCK 7X	LORAN-C 7Y	RATES 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	59C4N	14733W	18750.5	31617.1	43210.1	383.	18.6	14000.	6845.	0.4829	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	14620W	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.	2921.	0.1380	4.57	20460.	20460.
791025	5828N	14828W	18745.9	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	18745.5	31533.5	43230.1	301.	16.5	15960.	1863.	0.1168	3.66	19121.	35860.
791016	5916N	14638W	18745.5	31539.4	43233.1	284.	18.2	15960.	1676.	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	31560.0	43222.8	355.	19.0	14400.	1287.	0.0894	2.75	11830.	29260.
7910 7	5744N	14934W	18749.7	32067.4	43224.3	334.	10.9	21600.	1769.	0.0819	4.10	9045.	21780.
791126	5644N	15145W	18705.5	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	69.	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	31940.9	43056.2	345.	12.5	21600.	1111.	0.0514	4.55	8728.	19800.
791030	5558N	15437W	18656.5	32937.8	44072.5	328.	14.0	15200.	686.	0.0451	4.69	1969.	13860.
781025	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	359.	11.7	21600.	934.	0.0433	4.33	6994.	15400.
791125	5619N	15361W	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.	0.0385	2.56	254.	27940.
791214	5522N	15227W	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	15157W	18659.0	32544.1	43207.8	368.	11.1	21600.	651.	0.0301	4.40	13789.	20020.
7810 9	5448N	15755W	18516.5	33577.3	45191.4	58.	12.0	9430.	276.	0.0292	2.83	647.	25300.
791022	5623N	15233W	18650.4	32635.7	43369.6	366.	15.0	20000.	569.	0.0284	4.69	7146.	19800.
7910 7	5559N	15357W	18661.5	32865.3	43855.0	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	58.	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 5	5615N	15301W	18681.6	32710.9	43520.4	372.	19.1	15960.	366.	0.0229	3.05	31041.	39160.
791215	5500N	15712W	18545.9	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	18692.2	32951.9	44080.2	372.	12.0	15960.	316.	0.0198	3.37	2534.	36300.
791212	5621N	15234W	18688.7	32645.1	43283.1	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	18745.9	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). FLOWNDERS, OCTOBER-DECEMBER

DATE YYMMDD	LAT	LONG	APPROX 7X	LOKRAN-C 7Y	PULSE 7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
7912 2	5927A	14457W	18747.9	31406.0	43222.9	317.	15.3	15960.	259.	0.0162	2.79	14237.	40040.
7910 10	5756A	14900W	18744.4	31980.3	43044.9	339.	11.3	21600.	349.	0.0161	2.76	9387.	20240.
7910 30	5446A	15758W	18507.9	33596.9	45415.8	85.	14.0	18000.	283.	0.0151	2.56	1387.	35420.
7910 26	5804N	14842W	18746.3	31928.5	43060.1	437.	17.4	17390.	259.	0.0149	2.14	17120.	34320.
7910 24	5628N	15205W	18696.0	32573.7	43253.7	339.	16.5	20000.	256.	0.0148	4.76	9215.	18920.
7911 30	5912N	14700W	18749.9	31557.2	43221.4	372.	14.6	15960.	235.	0.0147	3.52	17921.	37180.
7910 6	5709N	15056W	18724.9	32314.5	43008.6	377.	10.5	21600.	272.	0.0126	3.70	28950.	38060.
7910 13	5928N	14518W	18747.8	31417.1	43231.6	427.	17.3	20000.	248.	0.0124	3.30	8178.	23980.
7910 4	5559N	15355W	18661.7	32862.0	43844.8	82.	17.2	15960.	197.	0.0123	1.65	499.	27940.
7910 15	5722N	15041W	18731.5	32239.0	43000.1	120.	8.2	21600.	244.	0.0113	2.25	540.	25960.
7910 30	5702N	15110W	18720.8	32359.1	43025.8	388.	17.0	20000.	216.	0.0108	4.46	14752.	22440.
7911 22	5559N	15311W	18664.0	32922.0	43726.9	191.	13.0	15200.	156.	0.0103	4.22	3058.	13200.
7810 7	5455N	15734W	18535.5	33510.2	45255.0	84.	17.0	15990.	161.	0.0101	1.86	704.	27720.
7911 30	5557N	15417W	18657.4	32907.2	43565.9	329.	14.0	15200.	153.	0.0100	5.19	6137.	17160.
7810 13	5910A	14716W	18750.1	31578.3	43221.9	437.	18.0	14000.	139.	0.0099	1.98	24094.	36960.
7910 9	5816N	14827W	18743.4	31864.1	43026.5	366.	11.3	21600.	200.	0.0096	2.79	12562.	24200.
7910 13	5829A	14820W	18750.0	31803.9	43119.9	328.	11.7	21600.	201.	0.0093	3.08	20820.	29260.
7910 19	5824A	14826W	18745.5	31830.4	43107.5	405.	12.5	18480.	160.	0.0086	7.15	2333.	12760.
7910 31	5526A	15627W	18601.0	33264.7	44795.0	98.	14.5	19600.	169.	0.0087	3.10	1166.	27280.
7810 1	5912A	14703W	18749.9	31559.6	43222.6	410.	23.2	20400.	177.	0.0087	4.60	12895.	21120.
7912 2	5442A	15752W	18505.8	33550.9	45284.0	109.	13.0	15200.	126.	0.0083	2.73	279.	5940.
7910 29	5529A	15631W	18604.8	33261.3	44811.9	98.	18.0	19600.	162.	0.0083	2.64	1017.	33880.
7910 24	5525N	15635W	18598.1	33284.1	44644.6	56.	14.5	21000.	117.	0.0078	2.60	1725.	35420.
7810 30	5723N	15014W	18732.5	32201.0	43000.8	328.	19.5	14400.	162.	0.0078	2.20	17820.	17820.
7910 11	5913N	14635W	18749.8	31531.3	43214.7	372.	18.7	15960.	124.	0.0078	2.50	24383.	28820.
7911 14	5501N	15717W	18550.5	33454.8	45143.4	88.	15.0	19600.	148.	0.0075	2.29	684.	27940.
7810 15	5450N	15749W	18522.1	33558.2	45352.5	104.	16.0	19200.	131.	0.0068	4.73	1624.	15840.
7910 30	5530N	15629W	18606.5	33252.6	44797.6	96.	17.0	19600.	135.	0.0069	3.81	696.	26400.
7810 5	5927A	14513W	18748.0	31417.4	43227.5	424.	29.3	20400.	136.	0.0066	5.75	6932.	12320.
7910 4	5552N	15734W	18629.2	33297.0	45157.2	115.	18.0	19600.	130.	0.0066	2.68	730.	28820.
7910 26	5616N	15300W	18682.6	32705.4	43911.5	383.	16.0	20000.	55.	0.0063	2.07	296.	26840.
7912 8	5927A	14559W	18747.9	31407.4	43223.5	339.	13.0	15960.	85.	0.0061	2.84	15548.	28820.
7910 28	5859A	14744W	18750.8	31647.1	43193.8	446.	14.5	18480.	96.	0.0052	2.83	14309.	30800.
7810 1	5912N	14638W	18749.9	31538.1	43212.1	383.	18.0	20400.	97.	0.0047	7.04	10556.	17820.
7910 10	5735N	14952W	18737.5	32125.3	43011.2	366.	20.0	15960.	64.	0.0044	3.30	11333.	20240.
7910 27	5637N	15197W	18703.6	32513.6	43166.0	372.	21.0	20000.	74.	0.0037	2.05	12752.	17160.
7811 22	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	32896.4	43915.0	366.	18.9	15960.	49.	0.0031	1.85	16597.	24860.
7910 27	5911A	14701W	18750.0	31562.1	43218.7	418.	13.0	18480.	56.	0.0030	3.30	2574.	14300.
7911 23	5602A	15331W	18687.0	32810.4	43914.4	109.	12.0	15200.	45.	0.0030	2.67	306.	11880.
7910 17	5512N	14722W	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.
7810 14	5818N	14826W	18740.7	31855.0	43191.4	383.	19.0	14000.	76.	0.0025	0.88	18847.	33440.
7910 6	5853A	14802W	18750.9	31687.8	43187.2	437.	9.3	14080.	35.	0.0025	3.08	2362.	9460.

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

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

DATE YYMMDD	LAT	LONG	AFFXOX 7X	LORAN-C 7Y	PULSE 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.
7910 5	5522N	15629W	18594.6	33283.5	44816.0	93.	14.5	16450.	42.	0.0026	3.52	1872.	34980.
7910 5	5615N	15251W	18682.4	32695.2	43478.2	354.	0.0	12000.	31.	0.0025	3.30	3489.	7700.
7810 6	5451N	15746W	18524.8	33548.6	45333.0	82.	19.0	15990.	29.	0.0025	1.60	1200.	27060.
7912 5	5911N	14650W	18750.0	31553.3	43214.3	454.	15.2	15960.	29.	0.0024	3.15	20931.	34320.
7910 11	5849N	14806W	18750.9	31708.0	43176.0	334.	11.0	21600.	47.	0.0022	1.94	24588.	36080.
7911 121	5537N	15337W	18661.4	32839.6	43763.6	109.	12.0	15200.	31.	0.0021	1.73	153.	7480.
7910 5	5855N	15338W	18659.2	32849.0	43765.8	355.	18.7	15960.	33.	0.0021	1.32	30588.	44000.
7811 5	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.
7911 28	5659N	15123W	18718.7	32389.0	43042.1	383.	14.0	15200.	26.	0.0017	2.49	8460.	14560.
7910 27	5527N	15640W	18600.3	33286.4	44870.0	82.	15.0	19600.	31.	0.0016	2.42	857.	33660.
7910 12	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.
7911 26	5820N	14827W	18749.0	31847.8	43096.8	437.	15.2	15960.	21.	0.0013	3.52	14330.	35420.
7910 28	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	45285.0	69.	16.0	15990.	16.	0.0011	0.73	421.	25320.
7911 6	5527N	15636W	18601.0	33276.6	44846.1	93.	12.0	14500.	15.	0.0011	2.20	428.	22220.
7910 26	5528N	15638W	18602.1	33276.7	44855.9	88.	15.5	19600.	20.	0.0010	1.76	1449.	36880.
7811 1	5808N	14843W	18747.0	31912.2	43669.5	465.	21.0	14400.	13.	0.0009	1.54	24635.	25740.
7710 8	5858N	14754W	18750.8	31655.5	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.	29320.
7911 5	5529N	15628W	18605.2	33255.4	44794.1	98.	18.0	19000.	6.	0.0003	1.32	615.	39380.
7910 31	5721N	15011W	18731.7	32205.4	43000.2	399.	17.0	20000.	6.	0.0003	0.88	6688.	15180.
7910 28	5611N	15318W	18676.7	32753.9	43614.7	388.	10.0	15000.	4.	0.0002	1.32	6997.	12760.

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

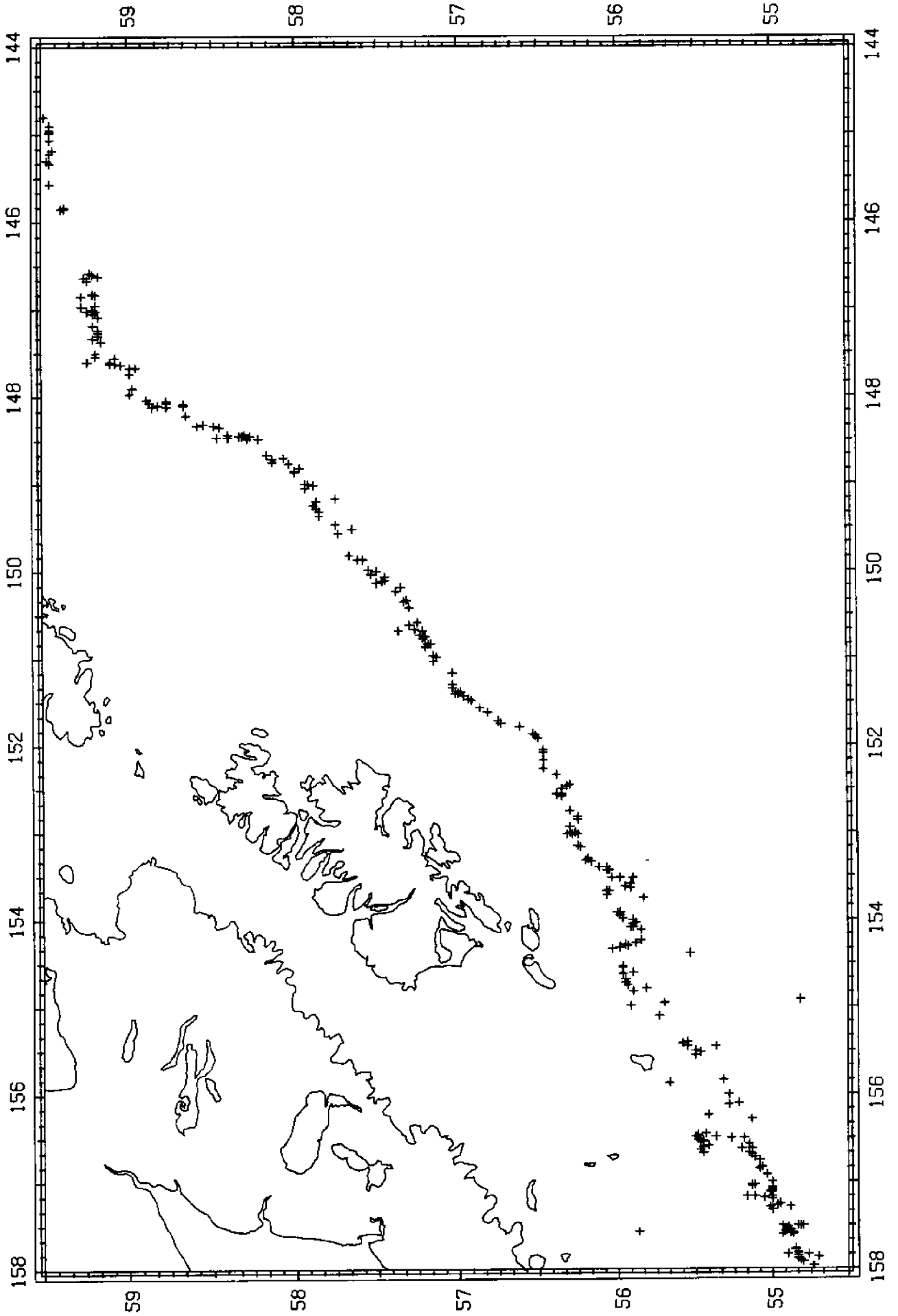


FIGURE C-4. FLOUNDERS, ALL MONTHS, 1977-1979

TABLE C-19. ROCKFISH, JANUARY-MARCH

DATE	LAT	LONG	AFFIX 7X	LOGAN-C 7Y	PULSE 7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET HOOK (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	43336.5	328.	18.0	18480.	1540.	0.0833	0.0833	1.30	3456.	21120.
78 3 4	5502N	15652W	18558.0	33400.5	44595.2	328.	18.0	18480.	1512.	0.0818	0.0818	2.30	7321.	14300.
78 2 1	5618N	15330W	18684.3	32697.5	43502.2	350.	12.0	5400.	313.	0.0610	0.0610	1.11	320.	3560.
78 3 3	5510N	15715W	18567.5	33408.7	45064.2	355.	20.0	19480.	1139.	0.0617	0.0617	1.15	1982.	18700.
78 1 30	5715N	15035W	18728.4	32260.1	43000.9	355.	18.0	15120.	689.	0.0456	0.0456	1.21	3787.	10560.
78 3 5	5509N	15634W	18572.4	33340.6	44075.2	339.	19.0	19480.	799.	0.0432	0.0432	1.10	11213.	17820.
78 3 2	5451N	15747W	18524.5	33550.6	45339.0	355.	18.0	18480.	793.	0.0429	0.0429	1.16	9067.	17600.
78 1 1	5622N	15233W	18685.5	32639.0	43374.5	353.	16.0	15120.	601.	0.0398	0.0398	1.28	1701.	15180.
78 3 8	5701N	15124W	18719.8	32302.2	43036.6	345.	18.0	18480.	507.	0.0274	0.0274	0.95	4254.	16500.
78 1 27	5840N	14805W	18750.7	31744.4	43147.5	355.	25.0	15120.	347.	0.0229	0.0229	1.72	4062.	8600.
78 1 29	5733N	14953W	18736.8	32134.6	43008.9	345.	19.0	15120.	262.	0.0173	0.0173	1.46	4208.	11440.
78 3 8	5652N	15134W	18714.1	32432.8	43078.3	355.	15.0	13200.	162.	0.0122	0.0122	0.77	4345.	11000.
78 1 26	5913N	14640W	18749.8	31537.7	43216.5	355.	18.0	15120.	66.	0.0043	0.0043	2.20	5783.	10120.

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

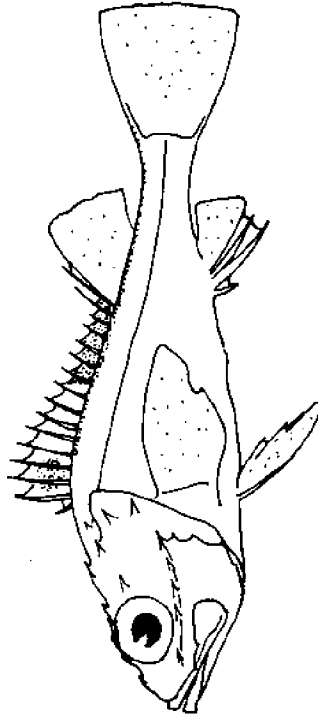


TABLE C-20. ROCKFISH, APRIL-JUNE

DATE YMPDD	LAT	LONG	APPROX 7X	LRAN-C 7Y	PULSE 7Z	RATES	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
78 525	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.	61280.
79 527	5554N	15331W	18658.5	32841.2	43747.9	410.	15.0	15120.	1544.	0.1021	1.51	14159.	24280.
79 524	5517N	15600W	18592.4	33245.8	44680.5	339.	14.0	16200.	1450.	0.0920	1.70	11568.	23100.
79 613	5800N	14652W	18745.4	31555.4	43052.5	328.	14.0	15120.	1301.	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	42599.9	355.	16.0	20000.	1710.	0.0655	1.49	26009.	49500.
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	264.	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.	1151.	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	18645.7	32947.0	43583.0	355.	14.0	15120.	1155.	0.0764	1.37	10131.	23980.
79 529	5656N	15128W	18716.8	32408.2	43056.5	365.	16.0	15120.	1121.	0.0741	1.18	9137.	21340.
78 524	5728N	15007W	18734.6	32172.0	43003.9	328.	15.6	15800.	1233.	0.0734	3.23	5907.	12980.
79 624	5649N	15137W	18712.1	32449.1	43094.6	328.	23.5	14040.	1342.	0.0729	2.26	7127.	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	18735.3	32101.2	43018.2	334.	16.0	15120.	1020.	0.0674	1.23	1863.	20500.
79 523	5508N	15637W	18571.2	33350.0	44194.9	326.	13.0	15120.	1002.	0.0662	1.34	14258.	21120.
78 629	5929N	14448W	18747.6	31392.0	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.	669.	0.0619	1.29	9576.	20460.
79 614	5752N	14912W	18741.2	32009.8	43037.8	355.	16.0	15120.	924.	0.0611	1.19	12009.	22220.
79 426	5550N	15345W	18653.2	32879.9	43830.7	372.	13.0	19200.	1150.	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	9074.	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	5513N	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	5615W	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	43554.8	328.	18.1	23520.	964.	0.0410	1.01	9432.	16280.
79 629	5632N	15152W	18659.8	32536.7	43200.7	326.	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	5958N	15433W	18656.9	32931.0	44650.3	372.	12.0	19200.	705.	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	326.	15.0	15120.	548.	0.0362	1.15	8233.	20460.
79 424	5505N	15651W	18563.3	33386.4	44582.9	410.	16.0	15200.	546.	0.0359	2.16	21618.	25520.

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

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

DATE YYPMDD	LAT	LONG	APPROX 7X	LORAN-C 7Y	PULSE 7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET HOOK (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.	459.	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	5710N	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.	563.	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	44044.0	301.	18.0	22260.	516.	0.0232	1.29	3293.	12980.	
78 427	5603N	15326W	18668.4	32798.3	43686.5	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.	369.	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	44090.0	326.	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	18725.6	32295.9	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	10856.	15840.	
79 423	5507N	15643W	18568.3	33365.4	44531.9	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	32912.0	43975.0	317.	7.3	8268.	111.	0.0134	0.91	607.	2860.	
78 5 2	5719N	15020W	18750.6	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	43047.0	345.	15.8	19200.	167.	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 (continued). ROCKFISH, JULY-SEPTEMBER

DATE	LAT	LONG	AFFNOX 7X	LOGRAN-C 7Y	PULSE 7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LPS/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	14927W	18746.9	31051.9	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.
79 513	5533N	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.
77 525	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	33571.6	45165.4	279.	17.0	19200.	1068.	0.0556	1.45	18623.	37180.
79 8 4	5912N	14700W	18745.9	31557.2	43221.4	301.	10.0	17640.	982.	0.0557	1.95	1224.	12980.
79 913	5711N	15050W	18726.1	32295.8	43049.9	383.	12.5	16800.	928.	0.0552	0.96	27119.	38280.
77 927	5840N	14804W	18750.9	31715.7	43165.6	383.	18.2	14800.	776.	0.0524	2.49	9150.	21780.
78 817	5803N	14845W	18746.1	31535.7	43058.3	355.	16.0	17220.	896.	0.0520	1.40	3285.	10780.
79 723	5664N	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	14736W	18745.7	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	5662N	15420W	18662.5	32892.7	43565.5	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.	0.0465	1.13	9676.	19360.
79 8 5	5500N	15704W	18551.8	33432.0	45069.3	383.	13.0	12960.	552.	0.0457	1.27	6286.	11440.
79 5 3	5927N	14458W	18747.9	31400.7	43223.2	492.	12.0	16800.	744.	0.0443	0.98	17191.	29700.
79 813	5700N	15124W	18719.2	32385.3	43039.8	383.	16.0	21280.	941.	0.0442	1.33	16037.	23760.
79 817	5758N	14849W	18744.5	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.
79 510	5926N	14511W	18740.1	31419.7	43224.2	437.	13.1	16800.	684.	0.0407	1.65	28559.	40040.
79 725	5530N	15332W	18615.3	33146.5	44472.0	355.	17.0	14400.	559.	0.0398	1.54	5729.	10560.
79 910	5554N	15400W	18655.9	32885.9	43889.4	301.	15.0	21280.	828.	0.0389	1.13	12720.	22220.
79 5 2	5928N	14440W	18747.7	31394.4	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.
78 518	5813N	14829W	18748.0	31878.4	43075.4	383.	20.2	20400.	717.	0.0351	1.90	15444.	30580.
78 7 6	5759N	14900W	18744.1	31584.4	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.
77 524	5913N	14644W	18749.8	31540.4	43216.1	448.	15.3	14800.	478.	0.0323	1.61	10846.	22000.
79 829	5926N	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.	651.	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	18745.1	31844.7	43099.7	399.	17.3	23200.	672.	0.0290	1.48	11924.	26400.
79 730	5559N	15419W	18659.4	32502.8	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	5627N	14821W	18749.8	31613.1	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.	559.	0.0258	1.09	10633.	18920.

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

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

DATE	YRMO	LAT	LONG	APPROX LORAN-C	PULSE	RATES	DEPTH	HOURS	NUMBER OF	TARGET	TARGET	TARGET	MEAN SIZE	DISCARDS	TOTAL
YRMO				7X	7Y	7Z	(FMS)	SET	HOOKS SET	CATCH	CATCH PER	HOOK (LBS)	(LBS/FISH)	(LBS)	(LBS)
79 6 1	5927N	14534W	18748.0	31432.4	43234.1	383.	16.1	23200.	570.	0.0246	1.37	2228.	9660.		
79 6 9	5739N	14931W	18739.2	32084.3	43016.6	410.	11.0	15800.	356.	0.0236	1.13	2687.	10340.		
79 6 2	5513N	15066W	18585.2	33271.8	44704.9	355.	18.0	14400.	337.	0.0234	1.83	6255.	8140.		
79 6 25	5448N	15745W	18515.4	33556.6	45332.5	437.	16.2	19950.	461.	0.0231	2.60	11481.	18260.		
79 7 21	5534N	15450W	18626.7	33053.3	44222.4	383.	20.3	18400.	415.	0.0225	1.54	16749.	27280.		
78 6 16	5827N	14823W	18749.8	31815.1	43115.1	355.	16.0	17220.	387.	0.0225	1.73	4377.	11660.		
79 6 3	5927N	14504W	18747.9	31411.0	43224.9	383.	11.0	17640.	392.	0.0222	0.99	9360.	23320.		
79 7 29	5555N	15405W	18656.5	32894.5	43911.2	328.	16.5	14400.	318.	0.0221	1.31	8227.	12100.		
79 6 8	5751N	14919W	18742.5	32021.7	43036.3	383.	11.0	17640.	384.	0.0218	1.69	13780.	26620.		
79 6 12	5618N	15227W	18686.6	32646.2	43372.5	437.	15.5	21280.	458.	0.0215	0.99	2084.	9460.		
79 5 28	5910N	14714W	18750.1	31576.7	43221.0	355.	17.0	15200.	311.	0.0205	1.20	2213.	5060.		
79 6 1	5517N	15548W	18594.5	33222.0	44592.6	328.	17.0	14400.	251.	0.0202	2.01	9272.	11880.		
78 7 30	5910N	14637W	18750.0	31546.9	43206.5	383.	16.2	23200.	461.	0.0199	1.10	8823.	20240.		
79 7 28	5618N	15256W	18684.6	32691.2	43485.0	355.	18.0	15490.	272.	0.0176	1.37	6001.	11220.		
79 7 26	5549N	15447W	18645.3	32990.8	44157.2	328.	16.0	13680.	225.	0.0165	1.65	5768.	9680.		
78 5 8	5458N	15716W	18545.4	33463.1	45143.5	115.	15.3	20900.	309.	0.0155	1.48	469.	13640.		
79 6 3	5449N	15455W	18563.7	33222.1	44395.6	328.	11.0	9000.	177.	0.0153	1.17	4062.	6820.		
78 9 6	5453N	15735W	18531.5	33519.1	45264.6	115.	16.3	20900.	301.	0.0150	1.47	378.	16720.		
78 6 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.	277.	0.0129	0.98	9268.	18920.		
78 7 3	5906N	14740W	18750.4	31614.7	43219.9	312.	14.0	20900.	256.	0.0128	1.22	18539.	21780.		
79 7 20	5515N	15600W	18589.4	33253.1	44665.7	328.	16.1	18400.	235.	0.0128	1.10	16269.	18040.		
78 7 26	5532N	15423W	18627.9	33012.9	44087.9	355.	16.4	23200.	293.	0.0126	1.58	4070.	9240.		
78 7 25	5846N	14807W	18750.9	31721.4	43166.8	301.	16.4	23200.	278.	0.0120	2.11	7952.	10780.		
79 9 22	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	20900.	163.	0.0081	1.74	703.	18700.		
77 9 23	5638N	14816W	18750.6	31762.9	43145.3	427.	14.8	13320.	101.	0.0076	0.67	794.	14960.		
79 9 25	5604N	15343W	18667.9	32822.4	43764.6	93.	17.7	15960.	121.	0.0076	1.72	305.	22000.		
79 9 20	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 9 12	5555N	15459W	18650.9	32988.6	44205.9	98.	14.0	21280.	81.	0.0038	1.79	531.	26400.		
78 7 14	5456N	15730W	18538.3	33498.6	45229.6	88.	16.0	20900.	66.	0.0033	1.71	81.	9240.		
79 5 15	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	20900.	40.	0.0020	2.26	248.	24860.		
78 7 22	5501N	15717W	18550.5	33454.8	45143.4	77.	15.8	20900.	32.	0.0016	3.85	86.	13420.		
79 6 28	5453N	15733W	18532.1	33515.0	45252.9	98.	15.3	19950.	27.	0.0014	4.18	265.	30580.		
78 5 2	5453N	15735W	18531.5	33519.1	45264.6	115.	17.0	20900.	26.	0.0013	1.32	459.	24640.		
79 9 22	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 7X	LORAN-C 7Y	PULSE 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 5	5555N	15338W	18659.2	32849.0	43776.8	353.	18.7	15960.	3927.	0.2460	1.18	30588.	44000.
791013	5910N	14716W	18750.1	31572.3	43221.9	437.	18.0	14000.	3352.	0.2394	3.67	24054.	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.	17220.
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	32891.4	43151.0	366.	18.9	15960.	1902.	0.1192	1.20	16597.	24860.
791025	5554N	15402W	18655.7	32893.2	43099.6	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	43111.2	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.
7710 7	5849N	14805W	18750.9	31707.1	43175.5	451.	9.5	15400.	1154.	0.0750	2.74	1412.	5060.
781015	5904N	14733W	18750.5	31617.1	43210.1	383.	18.0	14000.	1005.	0.0718	1.51	8545.	28160.
7910 5	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.
7810 3	5846N	14803W	18750.9	31717.8	43165.2	407.	16.9	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.	0.0566	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.
7910 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	YKPOD	LAT	LONG	APPROX 7X	LUKAN-C 7Y	PULSE 7Z	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS	TARGET CATCH (LBS)	TARGET HOOK (LBS)	CATCH PER HOOK (LBS)	MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
791012	5916N	14651W	1651M	18745.5	31533.9	43230.1	301	16.5	15960	779	0.0488	0.99	19121	35860	
791016	5909N	15058W	15058W	18724.9	32314.5	43008.6	377	10.5	21600	1023	0.0473	0.99	28950	38060	
791018	5912N	14642W	14642W	18749.9	31542.9	43214.3	410	21.0	14000	660	0.0471	2.58	8142	12100	
791018	5840N	14804W	14804W	18750.7	31743.4	43147.3	383	20.0	14000	643	0.0459	1.72	4842	16940	
791027	5913N	14701W	14701W	18750.0	31562.1	43218.7	418	13.0	18480	827	0.0447	2.56	2574	14300	
791025	5828N	14828W	14828W	18749.9	31615.9	43119.3	369	17.5	16800	829	0.0441	1.31	8836	30580	
791130	5912N	14700W	14700W	18749.9	31557.2	43221.4	372	14.6	15960	705	0.0442	1.16	17921	37180	
791030	5702N	15110W	15110W	18720.8	32359.1	43025.8	388	17.0	20000	878	0.0439	1.12	14752	22440	
791021	5710N	15100W	15100W	18725.3	32313.0	43007.7	388	16.0	20000	876	0.0438	1.31	21277	27720	
791015	5927N	14513W	14513W	18748.0	31417.4	43227.5	424	29.3	20400	868	0.0435	2.80	6932	12320	
791014	5619N	15228W	15228W	18687.4	32643.8	43371.1	399	11.7	21600	940	0.0435	1.00	6994	15400	
791026	5820N	14827W	14827W	18749.0	31847.8	43096.8	437	15.2	15960	677	0.0424	1.22	14330	35420	
791015	5911N	14650W	14650W	18750.0	31553.3	43214.3	454	15.2	15960	675	0.0423	1.43	20931	34320	
791014	5851N	14807W	14807W	18750.9	31700.6	43182.9	317	11.5	21600	908	0.0420	1.30	7702	20460	
791024	5628N	15203W	15203W	18696.2	32570.7	43248.2	383	14.0	15200	835	0.0418	2.67	1831	9020	
791022	5623N	15233W	15233W	18690.4	32635.7	43369.6	166	15.0	20000	831	0.0415	0.91	7146	19800	
791020	5815N	14828W	14828W	18748.3	31869.2	43184.1	429	12.8	18480	761	0.0412	2.03	2714	15620	
791016	5835N	14820W	14820W	18750.5	31779.2	43137.5	323	12.1	21600	865	0.0400	2.30	6196	19140	
791011	5808N	14658W	14658W	18747.0	31913.2	43069.5	465	21.0	14400	574	0.0399	1.02	24635	25740	
791016	5815N	14759W	14759W	18749.5	31539.4	43233.1	284	18.2	15960	628	0.0393	1.49	10356	17820	
791017	5851N	14759W	14759W	18750.9	31693.4	43179.5	451	15.8	18480	701	0.0380	2.43	1520	4400	
791019	5824N	14826W	14826W	18749.5	31830.4	43107.5	405	12.5	18480	653	0.0375	2.95	2333	12760	
791025	5850N	14801W	14801W	18750.9	31699.4	43177.1	424	17.5	18480	690	0.0373	2.74	5290	18700	
791031	5808N	14845W	14845W	18747.0	31915.3	43069.8	328	18.0	14400	532	0.0369	1.33	18248	29700	
791021	5810N	14839W	14839W	18747.4	31900.9	43073.7	446	12.0	18480	655	0.0354	1.87	4456	16280	
791030	5723N	15014W	15014W	18732.5	32201.0	43000.8	328	19.5	14400	511	0.0355	0.77	8013	17820	
791023	5755N	14901W	14901W	18744.1	31985.5	43042.9	418	11.5	18480	646	0.0349	1.86	3577	14080	
791017	5923N	14551W	14551W	18748.6	31460.3	43228.4	448	16.0	15960	553	0.0346	1.73	16961	41140	
791018	5928N	14528W	14528W	18747.8	31398.7	43224.2	424	17.4	20000	686	0.0343	1.07	25870	42460	
791023	5500N	15710W	15710W	18550.4	33444.1	45104.3	58	12.5	15750	531	0.0337	2.93	440	14520	
791021	5800N	14850W	14850W	18745.4	31953.2	43052.3	356	14.3	18480	619	0.0335	1.95	1845	11660	
791024	5522N	1527W	1527W	18605.2	33165.4	44461.4	394	13.8	15960	534	0.0334	1.07	12413	31020	
791130	5557N	15417W	15417W	18557.4	32907.2	43566.9	328	14.0	15200	498	0.0328	1.16	6137	17160	
791011	5912N	14636W	14636W	18749.9	31538.1	43212.1	383	18.0	20400	661	0.0324	1.75	11333	20240	
791019	5911N	14732W	14732W	18750.0	31587.3	43232.7	295	17.5	15960	514	0.0322	2.00	6810	24420	
791018	5927N	14459W	14459W	18747.9	31407.4	43223.5	339	13.0	15960	512	0.0321	1.31	14309	30800	
791027	5637N	15147W	15147W	18703.6	32511.6	43166.0	372	21.0	20000	625	0.0312	1.11	12792	17160	
791130	5558N	15437W	15437W	18556.5	32937.9	44672.5	328	14.0	15200	472	0.0311	1.25	1569	13860	
791128	5659N	15123W	15123W	18718.7	32389.0	43042.1	383	14.0	15200	451	0.0297	1.30	8460	14960	
791027	5907N	14727W	14727W	18750.3	31599.7	43217.1	446	13.3	18480	546	0.0295	2.41	3849	12980	
791013	5912N	14711W	14711W	18749.9	31566.1	43283.1	284	18.2	15960	464	0.0291	1.14	10970	25080	
791021	5621N	15234W	15234W	18688.7	32645.1	43283.1	410	15.5	15960	459	0.0288	0.94	12287	39160	
791011	5912N	14703W	14703W	18749.9	31559.6	43222.6	410	23.2	20400	585	0.0287	0.99	12895	21120	
791012	5613N	15340W	15340W	18667.2	32821.3	43753.8	88	15.3	15960	449	0.0281	2.08	790	33220	
791011	5834N	14819W	14819W	18750.4	31782.3	43134.2	410	14.0	18460	518	0.0260	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 YRMMDD	LAT	LONG	AFFRCK 7X	LRAN-C 7Y	PULSE 7Z	RATES 77	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SFT	TARGET CATCH (LBS)	TARGET HOOK (LBS)	TARGET CATCH PER HOOK (LBS)	MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
771028	5859N	14744W	18750.8	31647.1	43198.6	446.	14.5	18480.	515.	0.0279	1.51	10556.	17820.		
791018	5915N	14638W	18749.6	31527.7	43221.8	312.	19.1	15960.	424.	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.		
781116	5852N	14804W	18750.9	31693.8	43384.8	355.	21.0	14400.	380.	0.0264	0.88	13459.	27540.		
771010	5747N	14927W	18741.7	32047.1	43029.3	396.	16.3	18480.	486.	0.0263	2.00	670.	4180.		
771126	5644N	15145W	18708.5	32460.7	43329.9	383.	14.0	15200.	388.	0.0255	0.95	6571.	21140.		
791213	5554N	15436W	18652.2	32951.9	44680.2	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.		
781118	5839N	14813W	18750.7	31756.0	43347.3	355.	17.0	14400.	324.	0.0225	1.64	18702.	36520.		
791011	5913N	14635W	18745.8	31533.3	43214.7	372.	16.7	15960.	339.	0.0212	1.23	24383.	28820.		
791025	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.		
781117	5810N	14712W	18750.1	31560.0	43222.8	355.	19.0	14400.	227.	0.0157	0.88	11830.	29260.		
791013	5503N	15711W	18555.4	33435.6	45104.1	109.	18.0	15200.	233.	0.0153	1.59	254.	27540.		
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	43226.9	191.	13.0	15200.	189.	0.0124	1.13	3058.	13200.		
791111	5255N	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	422.	29480.		
791013	5558N	15359W	18660.3	32872.6	43669.0	93.	18.5	15960.	87.	0.0054	2.40	600.	49500.		
791113	5508N	15702W	18565.9	33395.8	45040.9	93.	16.0	19600.	87.	0.0045	1.35	730.	28620.		
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.		
781017	5455N	15734W	18505.8	33590.9	45384.0	109.	13.0	15200.	27.	0.0012	1.49	279.	5940.		
791015	5454N	15731W	18534.4	33507.5	45239.3	109.	17.0	15990.	25.	0.0016	1.89	704.	27720.		
781019	5448N	15753W	18516.5	33577.3	45391.4	98.	16.0	15200.	17.	0.0011	1.76	721.	24200.		
791121	5557N	15337W	18661.4	32839.6	43763.8	109.	12.0	15200.	8.	0.0008	0.77	647.	25300.		
751125	5619N	15301W	18685.1	32695.1	43502.0	164.	12.0	15200.	11.	0.0007	0.57	193.	7480.		
791014	5552N	15734W	18629.2	33297.0	45157.2	115.	18.0	15200.	6.	0.0004	2.86	469.	7920.		
791024	5525N	15635W	18598.1	33284.1	44844.6	98.	14.5	21000.	6.	0.0003	1.32	296.	28840.		
															35420.

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

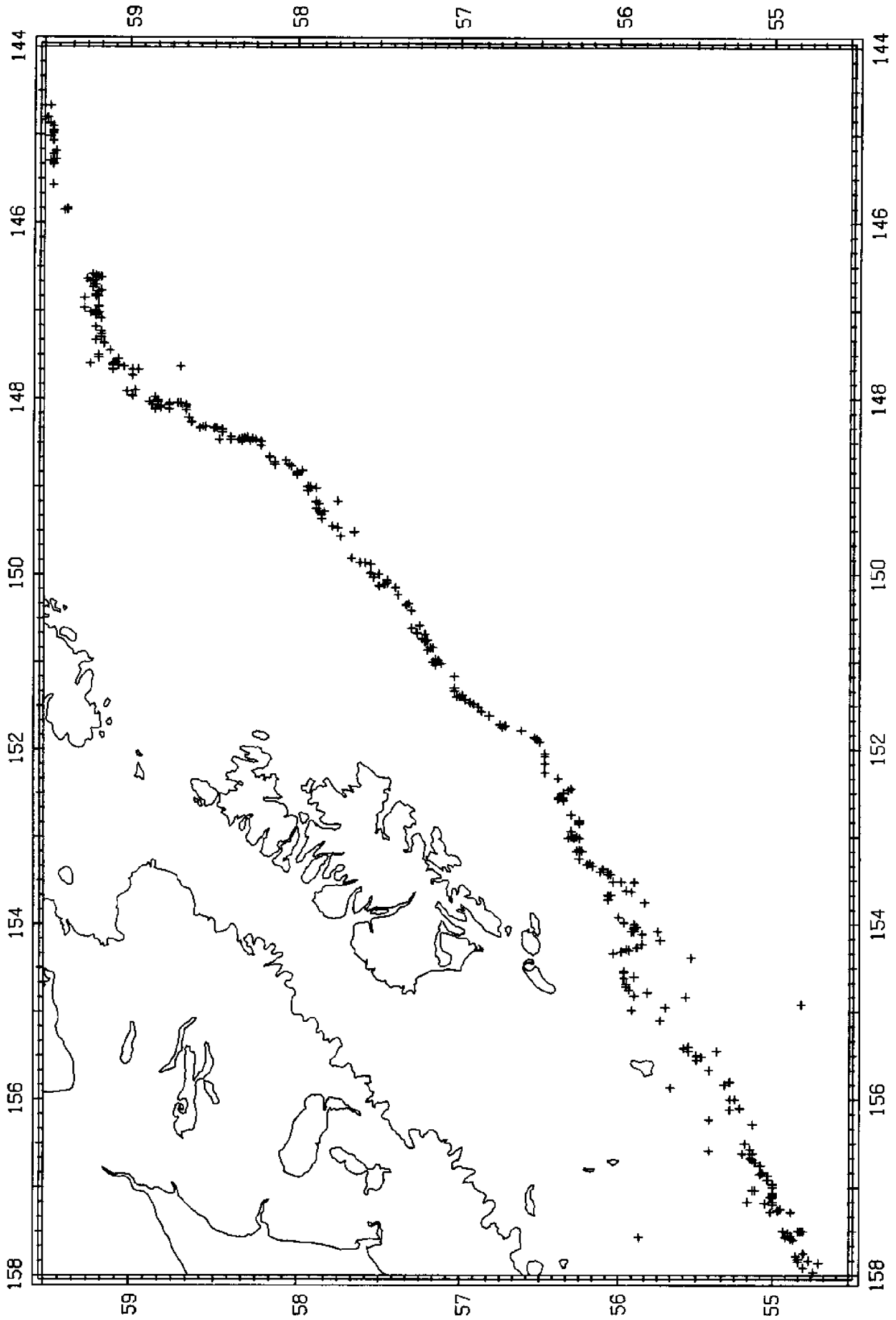
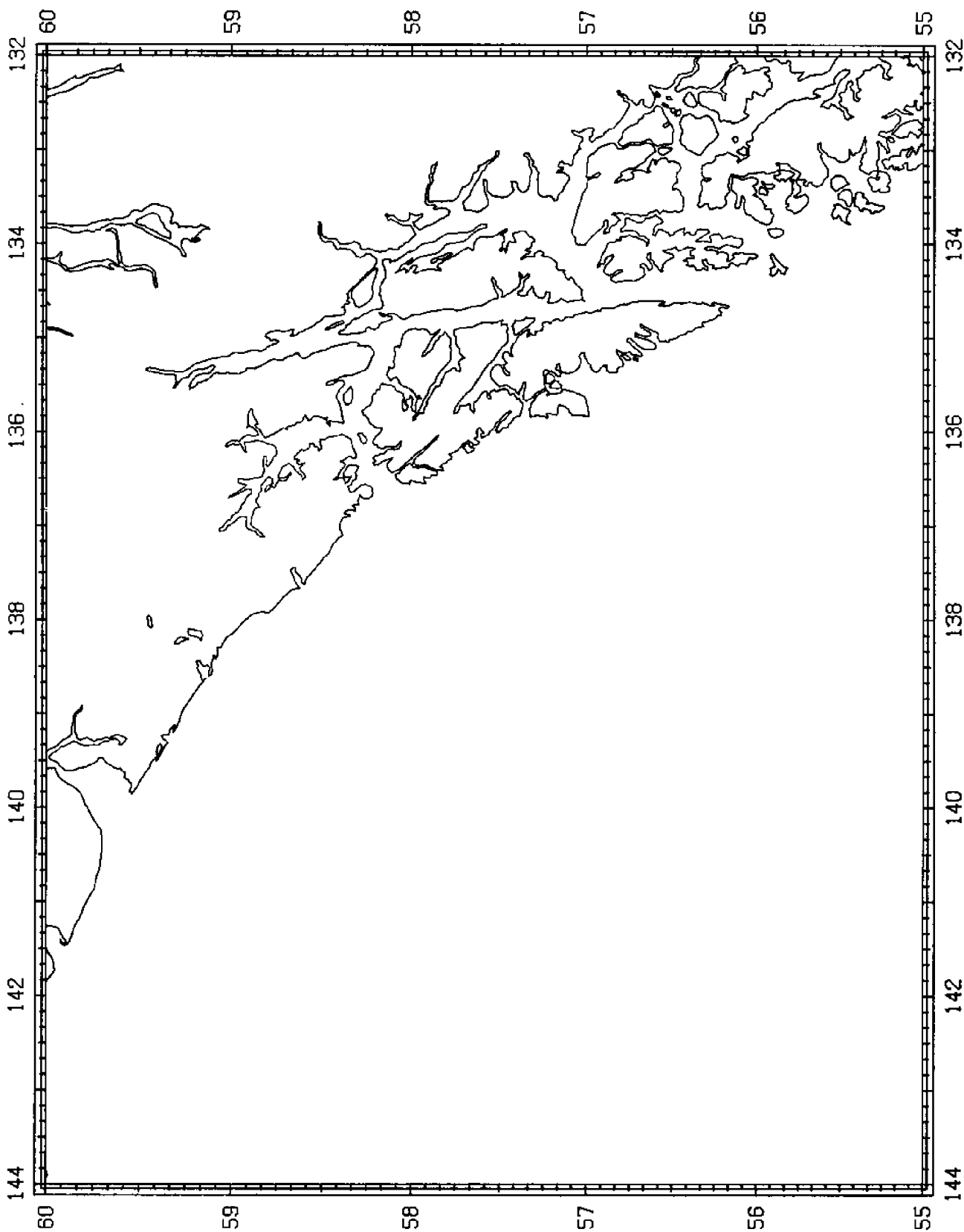


FIGURE C-5. ROCKFISH, ALL MONTHS, 1977-1979



APPENDIX D. SOUTHEAST ALASKA REGION

APPENDIX D

Productive Foreign Fishing Locations in the Southeast
Alaska Region

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Productive Foreign Fishing Locations in the Southeast
Alaska Region

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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/}

<u>Species</u>	<u>Catch Per Hook (lbs)</u>	<u>Proportion of Total Catch</u>	<u>Mean Size (lbs/fish)</u>
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/}

<u>Species</u>	<u>Catch Per Hook (lbs)</u>	<u>Proportion of Total Catch</u>	<u>Mean Size (lbs/fish)</u>
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
Rougeye 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 YR/MO/D	LAT	LONG	APPROX LORAN-C 6X	PULSE 6Y	RATES	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.	16.3	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.	15759.	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	323.	17.0	15120.	12996.	0.8595	7.06	3080.	17160.
78 115	5818N	13926W	14429.4	29634.1	0.0	350.	16.0	15120.	12244.	0.8098	6.89	1437.	14560.
78 115	5929N	14223W	14458.7	30502.7	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	14160W	14392.2	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	14336W	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.	6654.	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 YR/MO/D	LAT	LONG	APPROX LORAN-C 6X	PULSE 6Y	RATES	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.	1.1463	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 6 10	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	30471.9	0.0	328.	14.0	15120.	15546.	1.0282	6.64	4012.	21340.
79 6 29	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	5.83	4344.	17600.
79 6 11	5916N	14208W	14399.2	30738.9	0.0	394.	13.0	15120.	12367.	0.8180	5.18	8042.	22000.
79 6 28	5920N	14322W	14286.9	31074.7	0.0	394.	18.0	16800.	9634.	0.5734	5.10	7255.	18920.
79 6 7	5845N	14055W	14371.6	30221.3	0.0	361.	14.0	15120.	7665.	0.5070	7.28	9263.	17160.
79 6 26	5932N	14324W	14299.1	31097.9	0.0	323.	17.0	16800.	7964.	0.4740	5.28	4047.	13200.
79 5 2	5920N	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	5920N	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	31065.5	0.0	335.	13.0	15200.	4206.	0.2767	3.62	4176.	12760.
79 4 30	5928N	14227W	14435.2	30905.1	0.0	465.	13.0	15200.	2475.	0.1626	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 YHRDD	LAT	LONG	APPROX 6X	LORAN-C BY	PULSE RATES	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)
77 515	5523N	13455W	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
77 923	5632N	13549W	14331.7	27843.7	0.0	355	10.0	8000	11465	1.4331	15.02	551	12540
77 913	5753N	13736W	14505.9	28598.6	0.0	437	16.7	15540	18773	1.2081	8.45	2021	21120
77 5 5	5519N	13442W	14173.3	27032.5	0.0	410	16.0	15540	18081	1.1635	6.93	887	20020
77 518	5604N	13534W	14244.4	27563.8	0.0	377	19.0	15000	17481	1.0926	6.79	670	19140
77 912	5714N	13622W	14457.5	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	14490.5	28502.8	0.0	437	25.0	16000	16414	1.0259	8.23	1160	17820
77 918	5618N	13532W	14293.9	27604.7	0.0	394	17.0	16000	16251	1.0157	7.74	1354	18260
77 526	5650N	13606W	14377.9	28066.6	0.0	383	18.0	16000	16251	1.0157	5.92	707	17380
77 9 8	5615N	13530W	14285.3	27652.9	0.0	416	17.0	15540	15657	1.0075	8.32	640	16940
77 910	5631N	13548W	14325.4	27831.2	0.0	394	16.5	15540	15632	1.0059	9.32	346	16280
77 9 5	5649N	13605W	14375.3	28053.8	0.0	443	18.2	15540	15555	1.0036	8.11	19	16080
77 927	5652N	13536W	14244.6	27580.4	0.0	383	18.0	15200	15227	1.0017	9.06	1292	16720
77 528	5612N	13535W	14275.0	27626.0	0.0	355	17.0	16000	16016	1.0010	7.63	1646	18040
77 520	5623N	13548W	14295.4	27765.3	0.0	383	17.0	14400	13881	0.9540	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
77 511	5707N	13615W	14436.3	28250.2	0.0	427	15.1	15540	14364	0.9243	7.68	773	15400
77 514	5515N	13443W	14157.1	27017.3	0.0	394	16.0	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
77 514	5756N	13754W	14485.6	29098.7	0.0	354	15.1	15540	14061	0.9048	7.37	970	15180
77 919	5753N	13737W	14507.9	29002.7	0.0	440	14.5	14800	13218	0.8931	7.19	458	14080
77 515	5619N	13925W	14414.7	29877.2	0.0	437	18.5	15540	13726	0.8833	7.48	816	14960
77 9 6	5614N	13535W	14283.2	27640.7	0.0	354	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 5 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
79 525	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	0.5578	7.05	15574	26180
79 5 6	5912N	14355W	14198.2	31175.7	0.0	492	13.2	16800	9963	0.5930	6.55	10095	20460
78 812	5500N	14130W	14384.7	30473.9	0.0	437	14.0	19200	11233	0.5799	7.06	5067	17160
78 815	5914N	14205W	14392.3	30711.6	0.0	328	15.0	19200	11133	0.5799	7.06	5067	17160
77 5 4	5502N	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	AFFROX GX	LOKAN-C 6Y	PULSE RATES	DEPTH (FMS)	HOURS SET	NUMBER HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 924	5913A	14200W	1439E.8	30687.2	0.0	421.	11.0	20160.	10254.	0.5106	7.17	1174.	12100.
79 731	5910N	14152W	1435E.4	30635.0	0.0	399.	11.0	17640.	8950.	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	1438C.2	30514.7	0.0	359.	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.	8068.	0.4619	5.70	27926.	37400.
79 8 2	5929N	14225W	14451.0	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.	0.4177	6.26	15816.	28600.
79 710	5833N	14001W	14427.0	29921.9	0.0	375.	16.4	27000.	10138.	0.3755	4.63	4518.	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 6 1	5918N	14214W	14397.6	30775.3	0.0	394.	11.0	17640.	6154.	0.3488	6.79	2249.	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.	6692.	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	11612.	19580.
78 927	5859N	14118W	14405.9	30425.6	0.0	355.	17.9	20160.	5417.	0.2687	6.16	4110.	10560.
79 930	5852A	14106W	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	15800.	4215.	0.2509	6.78	11119.	16060.
78 819	5910N	14152W	14396.4	30635.0	0.0	383.	15.5	19200.	4120.	0.2146	6.05	3750.	8140.
79 712	5841N	14048W	14362.5	30161.2	0.0	369.	14.8	27000.	5267.	0.1951	5.63	6923.	12540.
79 716	5933N	14231W	14466.0	30562.7	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 LOKAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

TABLE D-6. SABLEFISH, OCTOBER-DECEMBER

DATE YYMMCC	LAT	LONG	APPRX LCRAN-C 6X	6Y	PULSE RATES	DEPTH (FMS)	HOURS SET	NUMER OF HOOKS SET	TARGET CATCH (LBS)	TARGET HOOK (LBS)	TARGET CATCH PER HOOK (LBS)	MEAN SIZE (LBS/FISH)	OISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
7710 3	5611N	1533W	14272.8	27614.0	0.0	383.	17.0	15200.	17453.	1.1422	1.1422	7.52	625.	18520.
7710 5	5523N	14230W	14470.9	30559.8	0.0	355.	19.5	16000.	17269.	1.0793	1.0793	7.06	2248.	21340.
7710 12	5545N	12512W	14212.4	27330.2	0.0	383.	18.5	16000.	16988.	1.0618	1.0618	11.14	843.	18480.
7710 11	5537N	13506W	14193.6	27251.4	0.0	410.	16.2	16000.	16355.	1.0222	1.0222	7.55	4634.	17380.
7710 6	5520N	14328W	14269.7	31090.3	0.0	396.	18.6	21000.	21205.	1.0044	1.0044	7.35	21322.	27280.
7712 4	5934N	16359W	14201.7	31201.0	0.0	427.	16.0	15960.	16030.	0.9792	0.9792	7.52	1470.	38660.
7710 1	5648N	12603W	14374.7	26036.6	0.0	383.	17.0	12000.	11750.	0.9745	0.9745	8.87	1470.	13660.
7710 6	5747N	13705W	14531.5	28831.6	0.0	383.	17.5	16000.	15592.	0.9600	0.9600	8.23	371.	16500.
7710 28	5708N	12615W	14443.0	28258.9	0.0	402.	17.5	20000.	19199.	0.9227	0.9227	6.23	8120.	27720.
7710 2	5648N	12603W	14374.7	28036.6	0.0	383.	8.0	6000.	5536.	0.9221	0.9221	8.02	395.	6820.
7710 28	5529N	14213W	14427.0	30673.4	0.0	383.	16.2	16000.	14736.	0.9175	0.9175	6.53	4608.	19890.
7710 25	5916N	14200W	14421.7	30714.6	0.0	383.	17.5	16000.	14679.	0.8987	0.8987	7.67	1639.	18780.
7710 13	5559N	13531W	14230.3	27514.7	0.0	383.	18.3	16000.	14379.	0.8486	0.8486	7.22	612.	16280.
7710 23	5548N	13519W	14210.5	27383.5	0.0	413.	17.1	20000.	16972.	0.8219	0.8219	8.11	176.	17620.
7910 12	5839N	14035W	14395.0	30080.2	0.0	328.	21.0	15200.	12596.	0.7840	0.7840	7.11	3602.	17380.
7710 22	5938N	13504W	14201.2	27247.6	0.0	391.	15.7	20000.	16439.	0.7324	0.7324	6.82	574.	17600.
7710 19	5609N	13532W	14268.5	27590.0	0.0	383.	16.4	16000.	12545.	0.6917	0.6917	8.65	3296.	16720.
7710 18	5707N	12615W	14438.1	28250.2	0.0	410.	16.0	16000.	12373.	0.6584	0.6584	9.41	2268.	17380.
7710 7	5750N	13723W	14519.6	28916.3	0.0	383.	18.3	20000.	14649.	0.6262	0.6262	6.34	6730.	22440.
7910 13	5840N	14034W	14351.6	30103.3	0.0	355.	17.5	16000.	11067.	0.6106	0.6106	8.33	562.	13640.
7710 15	5543N	13520W	14189.2	27356.6	0.0	366.	18.0	15200.	10454.	0.5770	0.5770	6.12	2913.	14520.
7710 22	5623N	13540W	14310.9	27732.0	0.0	383.	17.5	20000.	13168.	0.5591	0.5591	5.60	1870.	15620.
7710 12	5931N	14332W	14265.2	31109.5	0.0	413.	22.4	16000.	10443.	0.5084	0.5084	7.14	2655.	14960.
7910 14	5500N	14122W	14406.2	30847.8	0.0	366.	15.5	20000.	12524.	0.4744	0.4744	7.13	7532.	21340.
7710 23	5631N	13546W	14333.2	27822.0	0.0	383.	17.5	13320.	8134.	0.4608	0.4608	7.93	531.	16720.
7910 15	5832N	14002W	14418.1	29916.5	0.0	317.	19.0	15200.	9206.	0.4550	0.4550	5.07	3726.	13640.
7710 8	5754N	13740W	14507.2	29023.9	0.0	354.	19.2	16000.	9233.	0.4345	0.4345	7.15	2071.	14300.
7710 25	5605N	13535W	14246.5	27575.7	0.0	424.	20.0	15200.	8731.	0.4262	0.4262	7.19	885.	13200.
7810 5	5635N	14008W	14423.0	29965.4	0.0	383.	17.5	20000.	8946.	0.4170	0.4170	8.28	982.	12100.
7910 16	5846N	14056W	14375.9	30233.8	0.0	295.	17.8	20160.	10169.	0.4069	0.4069	6.99	10059.	21340.
7810 8	5639N	14027W	14402.5	30065.6	0.0	334.	18.1	15200.	9637.	0.4044	0.4044	6.49	7627.	19580.
7910 11	5830N	14002W	14405.2	29898.5	0.0	383.	21.0	20160.	7212.	0.4022	0.4022	5.59	3941.	12760.
7910 17	5832N	14003W	14415.7	29920.2	0.0	295.	20.5	15200.	9479.	0.4008	0.4008	7.48	3198.	17380.
7810 3	5846N	14056W	14375.9	30233.8	0.0	366.	18.0	15200.	7004.	0.4008	0.4008	7.83	7859.	15180.
7910 18	5832N	14002W	14418.1	29916.5	0.0	301.	18.0	15200.	6915.	0.4069	0.4069	6.54	134.	15840.
7810 1	5908N	14140W	14416.4	30578.9	0.0	383.	16.9	19200.	7813.	0.3940	0.3940	6.27	2205.	13200.
7810 2	5900N	14116W	14422.2	30428.1	0.0	388.	19.0	15200.	5969.	0.3573	0.3573	5.43	4783.	11280.
7810 7	5835N	14007W	14425.5	29963.8	0.0	345.	18.3	20160.	7203.	0.3435	0.3435	6.25	5682.	16720.
7810 4	5855N	14059W	14430.9	30325.6	0.0	317.	17.5	20160.	3648.	0.1810	0.1810	7.92	1720.	9240.
7810 4	5855N	14059W	14430.9	30325.6	0.0	317.	16.9	19200.	3360.	0.1750	0.1750	6.25	212.	12980.

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

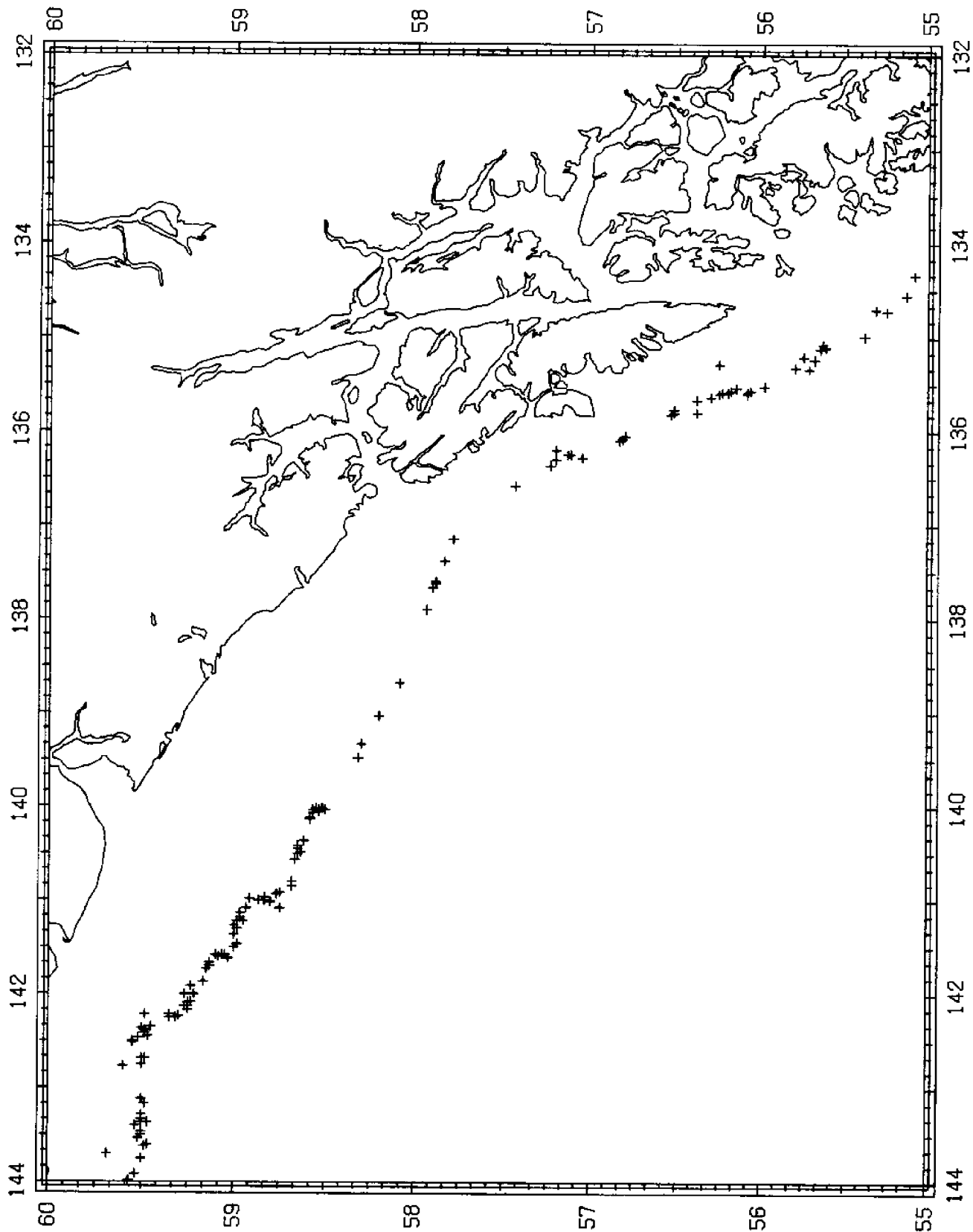


FIGURE D-1. SABLEFISH, ALL MONTHS, 1977-1979

TABLE D-7. PACIFIC COD, JULY-SEPTEMBER

DATE	LAT	LONG	APPROX LORAN-C EX	PULSE RATES	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
79 5 8	5941N	14342W	14317.3	31224.1	77.	9.0	15200.	6467.	0.4254	5.08	879.	10780.
78 524	5858N	14105W	14436.7	30373.2	355.	17.2	20160.	7712.	0.3825	6.25	1125.	9240.
78 818	5930N	14245W	14402.6	30974.7	363.	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	LAT	LONG	APPROX LORAN-C EX	PULSE RATES	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
7810 4	5855N	14059W	14430.9	30325.6	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	LAT	LONG	APPROX LORAN-C EX	PULSE RATES	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET HOOK (LBS)	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
78 317	5927N	14221W	14448.5	30878.5	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***

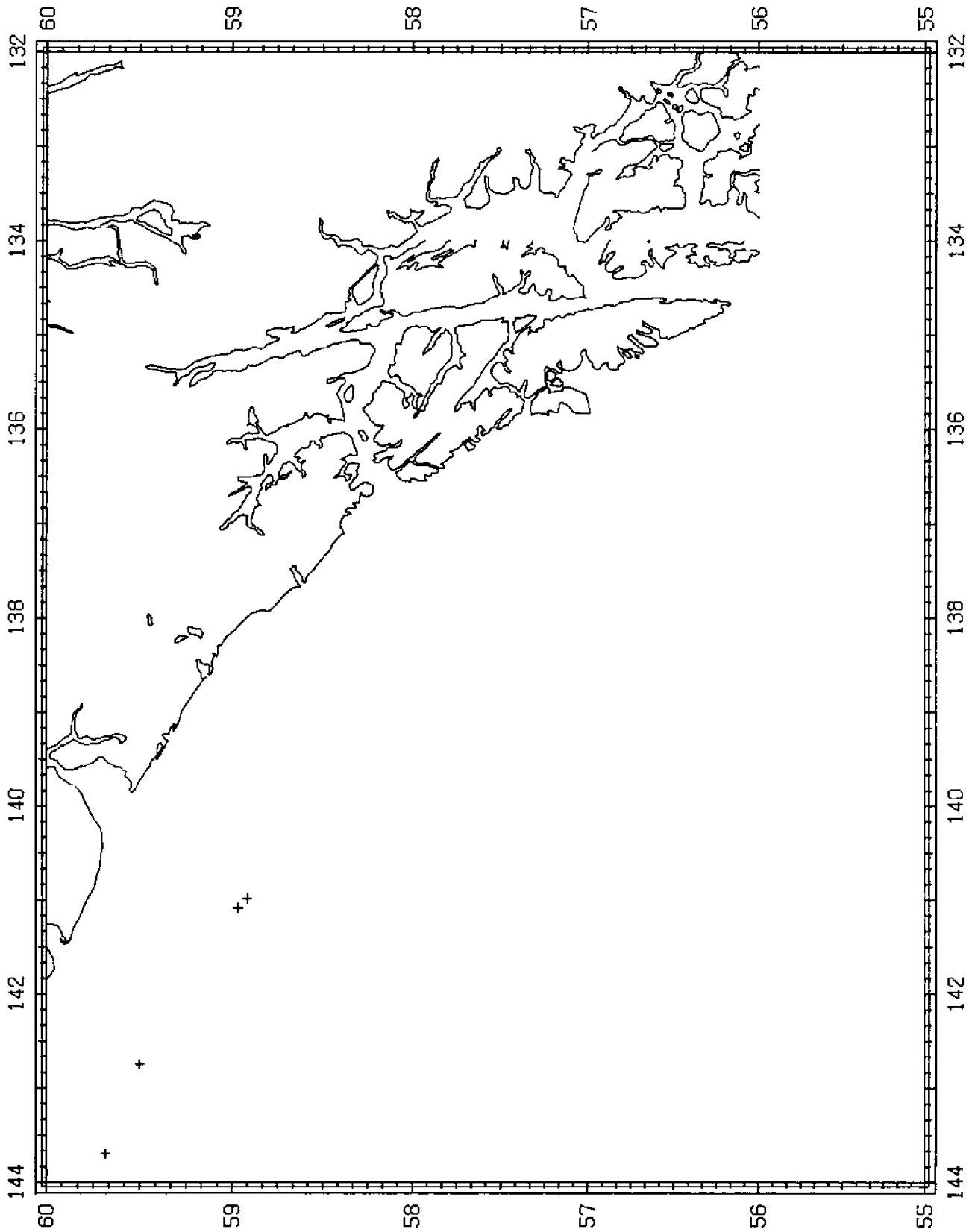


FIGURE D-2. PACIFIC COD, ALL MONTHS, 1977-1979

TABLE D-10. PACIFIC HALIBUT, APRIL-JUNE

DATE	LAT	LONG	APPROX 6X	LORAN-C 6Y	PULSE RATES	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.	1126.	0.0741	8.63	4176.	12760.
79 5 3	5930N	14345W	14214.5	31137.4	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	LAT	LONG	APPROX 6X	LORAN-C 6Y	PULSE RATES	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 8	5941N	14342W	14317.3	31224.1	0.0	77.	9.0	15200.	2504.	0.1647	10.76	879.	10780.
79 7 27	5834N	14062W	14431.1	29934.6	0.0	323.	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	LAT	LONG	APPROX 6X	LORAN-C 6Y	PULSE RATES	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.	1267.	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.
7910 2	5900N	14116W	14422.2	30428.1	0.0	388.	18.3	20160.	417.	0.0207	54.36	5682.	16720.
791013	5840N	14034W	14351.6	30103.3	0.0	355.	18.0	15200.	201.	0.0132	10.59	2913.	14520.
7810 4	5855N	14059W	14430.9	30325.6	0.0	317.	16.9	19200.	250.	0.0130	29.63	212.	12580.
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***

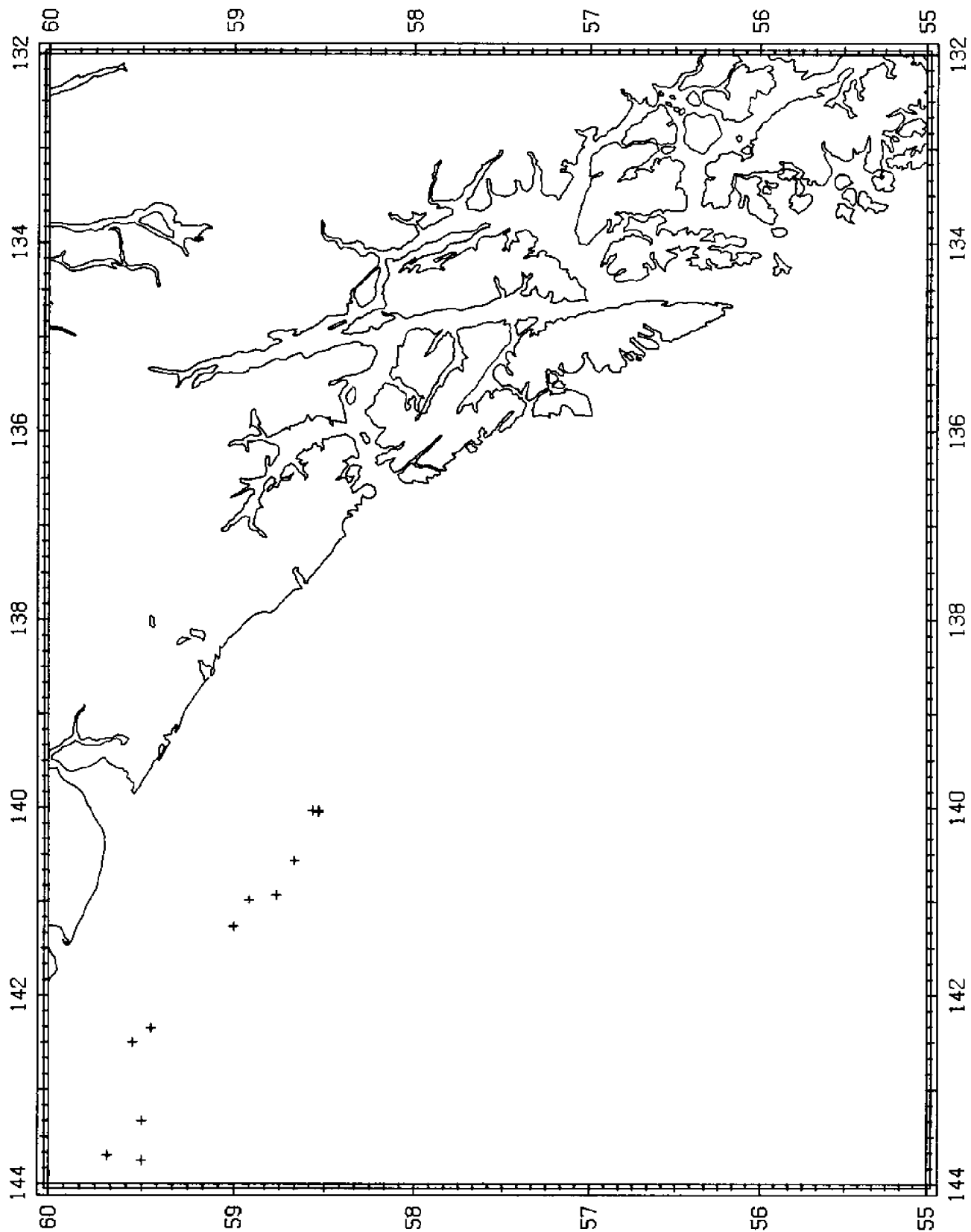


FIGURE D-3. PACIFIC HALIBUT, ALL MONTHS, 1977-1979

TABLE D-13. FLOUNDERS, JANUARY-MARCH

DATE YYMMDD	LAT	LONG	APPROX 6X	LORAN-C 6Y	PULSE RATES	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	5657N	14113W	14406.6	30390.8	0.0	326.	16.5	15120.	1095.	0.0724	4.06	848.	16280.
78 217	5927N	14221W	14446.5	30878.5	0.0	317.	15.6	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	3680.	17160.
78 114	5834N	14064W	14426.2	29541.8	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.	0.0054	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	5650N	14108W	14393.2	30283.6	0.0	355.	18.0	15120.	105.	0.0069	5.06	3078.	12980.
78 122	5831N	14061W	14414.1	29903.9	0.0	350.	18.0	15120.	79.	0.0052	2.86	1623.	10120.
78 115	5818N	13920W	14425.4	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 6X	LORAN-C 6Y	PULSE RATES	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	14364.7	30672.9	0.0	328.	14.0	15120.	855.	0.0592	4.36	4012.	21340.
79 6 11	5916N	14208W	14395.2	30738.9	0.0	328.	13.0	15120.	748.	0.0495	4.16	8042.	22000.
79 6 10	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	29541.8	0.0	320.	16.0	15120.	383.	0.0253	6.33	3038.	21120.
79 6 29	5929N	14241W	14406.4	30354.3	0.0	368.	18.3	16800.	301.	0.0179	3.77	4319.	20680.
79 6 28	5930N	14322W	14288.9	31074.7	0.0	394.	18.0	16800.	277.	0.0165	4.84	7295.	18920.
79 6 26	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 6X	LORAN-C 6Y	RATES	DEPTH (FMS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET CATCH PER HOOK (LBS)	MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
76 930	5245N	14105W	14345.3	30255.5	0.0	334	17.3	20160	957	0.0474	4.84	975	10560
76 818	5330N	14245W	14402.6	30974.7	0.0	383	15.0	19200	867	0.0451	4.46	5047	17160
79 727	5234N	14002W	14331.1	29934.6	0.0	383	12.0	16800	604	0.0360	5.00	2143	15180
77 521	5632N	13545W	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 5 4	5908N	14142W	14411.0	30585.3	0.0	383	14.0	14400	188	0.0131	4.73	956	10120
76 813	5902N	14137W	14380.2	30514.7	0.0	399	13.5	19200	167	0.0087	9.68	3789	14300
78 525	5850N	14058W	14358.5	30276.8	0.0	328	17.3	20160	161	0.0080	3.80	2967	12540
78 526	5904N	14135W	14402.4	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	5920N	14222W	14469.6	30909.1	0.0	485	14.0	19200	126	0.0066	3.67	9514	19800
78 927	5659N	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	28600
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	56	0.0036	2.49	5273	14740
79 713	5858N	14108W	14428.9	30382.3	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	5529N	13567W	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	5827N	14022W	14403.7	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	16.0	27000	46	0.0017	2.05	4918	15400
78 928	5848N	14101W	14376.7	30268.5	0.0	345	18.9	20160	26	0.0013	1.71	5523	13640
79 712	5841N	14048W	14382.5	30161.2	0.0	369	14.8	27000	22	0.0008	2.36	6923	12540
78 924	5859N	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	LAT	LONG	AFFRAX LORAN-C 6X	BY	PULSE RATES	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	29520.2	0.0	295.	16.0	15200.	5722.	0.3765	3.92	134.	15840.
7810 4	5855N	14055W	14430.9	30325.6	0.0	317.	16.9	19200.	5069.	0.2640	5.39	212.	12980.
771027	5921N	14213W	14423.9	30759.7	0.0	383.	17.5	13320.	1368.	0.1027	4.89	531.	16720.
7810 6	5839N	14027W	14402.5	30069.4	0.0	334.	20.5	20160.	2045.	0.1014	5.12	3198.	17380.
7810 2	5900N	14116W	14422.2	30428.1	0.0	385.	12.3	20160.	1593.	0.0750	4.70	5682.	16720.
7810 5	5835N	14008W	14423.0	29565.4	0.0	383.	18.1	20160.	1139.	0.0565	4.96	7627.	19580.
7810 3	5846N	14056W	14375.9	30232.8	0.0	366.	16.5	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	14531W	14230.3	27514.7	0.0	383.	18.3	16000.	515.	0.0322	8.80	412.	16280.
791013	5640N	14034W	14391.6	30103.3	0.0	355.	16.0	15200.	424.	0.0279	3.21	2913.	14520.
7810 7	5835N	14007W	14425.5	29561.8	0.0	345.	17.5	20160.	556.	0.0276	5.23	1720.	9240.
771023	5611N	13546W	14333.2	27822.0	0.0	383.	19.2	15000.	390.	0.0244	10.56	2071.	14300.
7710 6	5930N	14228W	14265.7	31090.3	0.0	396.	18.6	21000.	492.	0.0234	5.11	4634.	27280.
7810 1	5908N	14140W	14416.4	30578.9	0.0	383.	18.0	20160.	329.	0.0163	4.34	1843.	10340.
791016	5846N	14056W	14375.9	30232.6	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.	52.	0.0061	2.70	4383.	11880.
771025	5605N	13535W	14246.5	27575.7	0.0	424.	17.6	20000.	55.	0.0042	3.74	10059.	21340.
771019	5543N	13520W	14189.2	27356.6	0.0	369.	17.5	20000.	74.	0.0037	3.41	1870.	15620.
791014	5900N	14122W	14406.2	30447.8	0.0	365.	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	LAT	LONG	AFFRAX LORAN-C 6X	BY	PULSE RATES	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.	0.0996	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	14428.2	29941.8	0.0	345.	18.3	15120.	720.	0.0476	2.30	1438.	19140.
78 124	5830N	14307W	14335.5	31035.0	0.0	383.	17.0	15120.	613.	0.0406	1.30	3080.	17160.
78 116	5878N	14113W	14406.6	30390.8	0.0	328.	16.5	15120.	520.	0.0344	1.39	848.	16280.
78 317	5827N	14221W	14446.5	30878.5	0.0	317.	15.0	20580.	600.	0.0292	1.27	1276.	6160.
78 115	5829N	14223W	14458.7	30502.7	0.0	355.	17.5	15120.	325.	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	30287.6	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	29902.9	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***

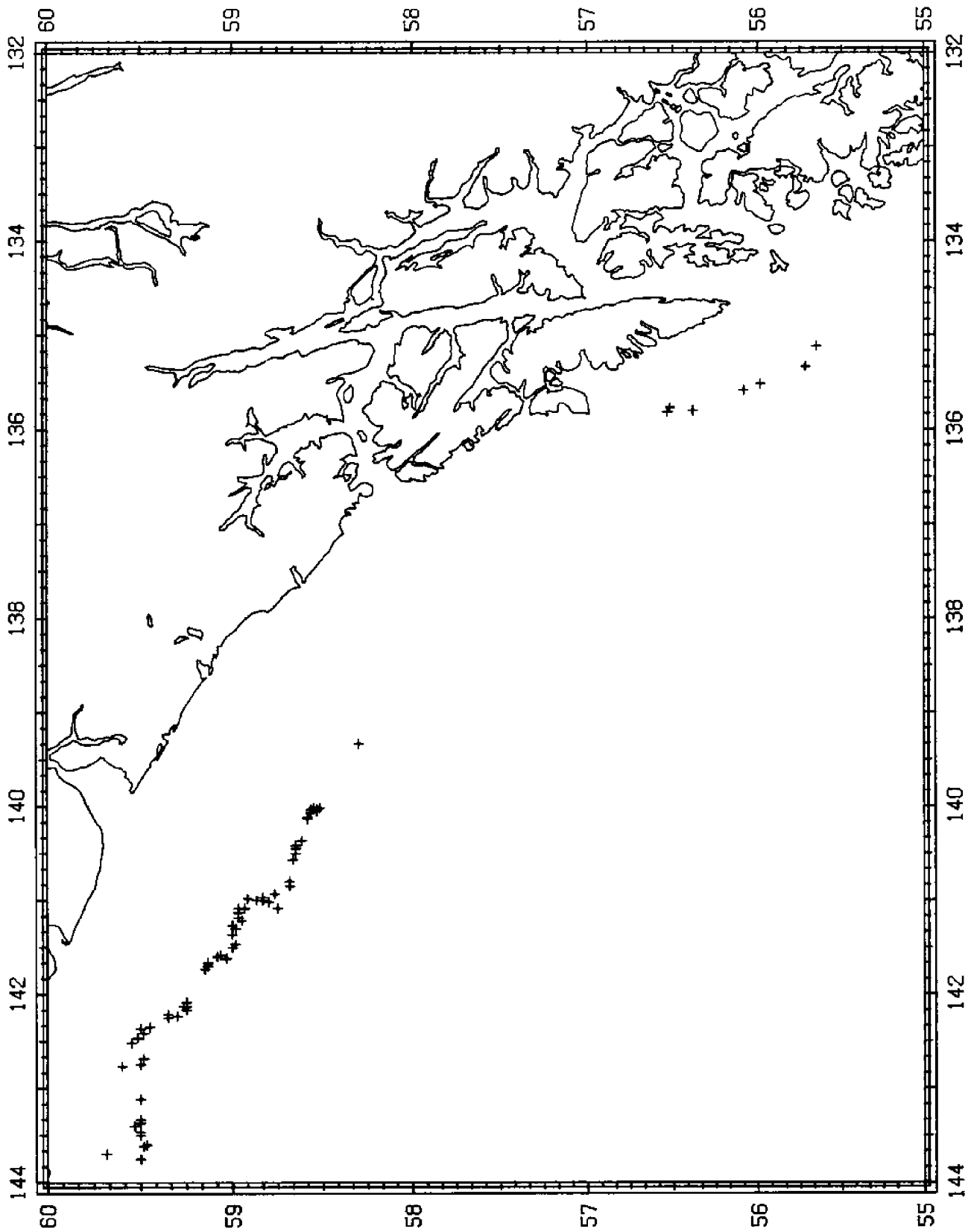


FIGURE D-4. FLOUNDERS, ALL MONTHS, 1977-1979

TABLE D-18. ROCKFISH, APRIL-JUNE

DATE YYMMDD	LAT	LONG	APPROX 6X	LORAN-C 6Y	PULSE RATES	DEPTH (FMS)	FOURS SET	NUMBER OF HOOKS	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.C	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 6 11	5916N	14208W	14399.2	30736.9	0.0	328.	13.0	15120.	843.	0.0557	0.99	8042.	22000.
79 6 26	5932N	14324W	14299.1	31097.9	0.0	383.	17.0	16800.	915.	0.0544	1.05	4047.	13200.
79 6 6	5838N	14029W	14390.8	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 6 10	5909N	14144W	14413.0	30600.7	0.0	328.	13.0	15120.	636.	0.0421	1.02	2295.	19580.
79 4 30	5928N	14227W	14439.2	30505.1	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***

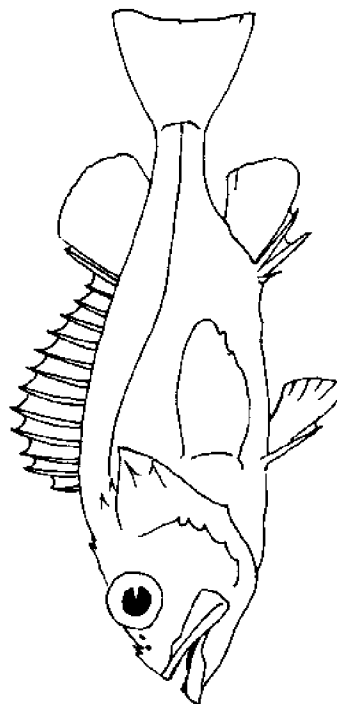


TABLE D-19. ROCKFISH, JULY-SEPTEMBER

DATE YYMMDD	LAT	LONG	APPROX 6X	LORAN-C 6Y	PULSE RATES	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 5 5	5923N	14345W	14155.2	27137.4	0.0	363	20.0	14000	2940	0.2100	3.08	6909	40700
77 5 5	5812N	13902W	14434.3	29511.4	0.0	394	20.0	16000	1491	0.0936	2.42	22	11220
78 8 18	5930N	14245W	14402.6	30974.7	0.0	383	15.0	19200	1740	0.0564	1.85	5047	17160
79 6 2	5829N	14225W	14453.0	30908.6	0.0	383	11.0	17640	1511	0.0858	1.61	6118	15400
79 9 26	5930N	14330W	14263.3	31095.5	0.0	359	9.1	21600	1806	0.0836	1.22	4021	16060
77 5 7	5937N	13507W	14195.2	27268.4	0.0	363	17.0	16000	1228	0.0767	1.78	836	13200
77 5 5	5913N	13442W	14173.3	27032.5	0.0	410	16.0	15540	1052	0.0677	4.44	887	20020
77 9 16	5644N	12534W	14244.4	27563.8	0.0	377	19.0	16000	989	0.0618	1.52	19140	19140
79 5 25	5921N	14215W	14418.2	30805.7	0.0	432	11.7	21600	1334	0.0613	1.00	669	17380
77 5 4	5908N	14142W	14411.0	30585.3	0.0	383	14.0	14400	877	0.0609	1.34	956	10120
79 7 16	5933N	14231W	14468.0	30962.7	0.0	325	17.9	27000	1546	0.0573	1.47	13251	20020
79 7 17	5936N	14245W	14448.7	31032.5	0.0	298	17.5	27000	1523	0.0564	1.26	15816	28600
78 9 30	5845N	14105W	14345.3	30255.5	0.0	334	17.3	20160	1094	0.0543	1.44	975	10560
77 9 12	5908N	13433W	14151.3	26934.9	0.0	383	21.0	16000	856	0.0535	1.43	211	11220
78 8 15	5914N	14205W	14392.3	30711.6	0.0	328	15.0	19200	960	0.0500	1.25	5067	17160
79 9 26	5931N	14228W	14460.4	30935.6	0.0	354	11.6	21600	1052	0.0487	1.13	1271	9460
78 8 13	5902N	14137W	14380.2	30514.7	0.0	399	13.5	19200	932	0.0485	1.02	3789	14700
78 5 28	5848N	14101W	14376.7	30268.9	0.0	345	18.9	20160	927	0.0460	1.30	5523	13640
79 9 30	5852N	14100W	14407.2	30301.7	0.0	405	11.1	21600	927	0.0457	0.94	18167	24860
78 5 27	5859N	14118W	14409.7	30425.6	0.0	355	17.9	20160	906	0.0450	1.10	4110	10560
78 8 14	5906N	14135W	14415.2	30544.7	0.0	363	13.0	19200	835	0.0435	1.07	2706	13200
79 5 31	5829N	14310W	14316.3	31034.0	0.0	437	11.0	16800	725	0.0432	1.31	11119	16060
79 7 31	5910N	14152W	14398.4	30635.0	0.0	359	11.0	17640	734	0.0416	1.22	4576	14300
77 5 8	5615N	13536W	14285.3	27652.9	0.0	416	17.0	15540	643	0.0414	2.08	640	16940
77 5 18	5618N	13538W	14293.9	27684.7	0.0	394	17.0	16000	655	0.0409	1.72	1354	18260
78 8 16	5919N	14215W	14402.5	30707.4	0.0	492	16.0	19200	787	0.0399	1.13	7683	18260
78 5 26	5904N	14135W	14400.4	30526.5	0.0	350	17.4	20160	778	0.0386	1.10	2480	13200
79 7 30	5859N	14128W	14382.9	30458.4	0.0	410	11.0	17640	653	0.0370	0.97	6040	17600
78 5 29	5859N	14113W	14422.5	30409.0	0.0	410	18.0	20160	726	0.0360	1.14	6658	16720
78 8 15	5914N	14135W	14420.4	30680.9	0.0	301	14.5	19200	668	0.0348	1.06	3545	14300
78 9 25	5850N	14056W	14398.5	30278.8	0.0	378	17.3	20160	693	0.0339	1.41	2967	12540
79 5 4	5928N	14322W	14272.3	31056.8	0.0	437	12.0	16800	563	0.0335	1.32	15574	26180
78 8 17	5930N	14222W	14465.6	30909.1	0.0	465	14.0	19200	619	0.0333	1.05	9514	19800
78 8 12	5900N	14130W	14384.7	30473.9	0.0	437	14.0	19200	616	0.0331	1.32	7932	19800
77 5 6	5614N	13535W	14283.2	27640.7	0.0	394	19.0	15540	500	0.0322	1.33	516	14520
78 8 20	5930N	14241W	14414.5	30963.5	0.0	519	16.5	19200	607	0.0316	1.32	27926	37400
79 9 24	5913N	14200W	14398.8	30687.2	0.0	421	11.0	20160	622	0.0314	1.28	1174	12100
77 9 21	5632N	12545W	14331.7	27843.7	0.0	355	10.0	8000	242	0.0302	1.13	551	12540
79 7 27	5834N	14002W	14431.1	29934.6	0.0	383	12.0	16800	507	0.0302	1.21	2143	15180
77 5 11	5905N	13420W	14165.3	26857.7	0.0	383	21.0	16000	461	0.0288	1.95	535	13860
77 5 9	5649N	12605W	14375.2	28053.8	0.0	443	18.2	15540	445	0.0287	1.47	19	16060
77 5 22	5632N	13545W	14331.7	27843.7	0.0	555	22.0	16000	454	0.0284	1.17	1135	11880
77 5 15	5753N	13737W	14507.9	29002.7	0.0	437	14.6	14800	404	0.0273	1.20	458	14080
77 5 17	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	AFFRCX 6X	LRAN-C 6Y	PULSE RATES	DEPTH (FMS)	HOURS SKT	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET HOOK (LBS)	TARGET PFR	TARGET MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
77 515	5819N	13929W	14414.7	29277.2	0.0	448.	18.5	15540.	418.	0.0269	0.0269	1.44	816.	14960.
77 526	5650N	13606W	14377.9	28066.6	0.0	383.	18.0	16000.	423.	0.0264	0.0264	1.08	707.	17380.
79 714	5903N	14135W	14353.0	30517.4	0.0	416.	15.5	27000.	697.	0.0258	0.0258	1.08	7758.	17160.
79 728	5837N	14022W	14401.7	30033.7	0.0	454.	12.0	17640.	447.	0.0253	0.0253	1.31	6920.	18040.
79 711	5839N	14025W	14407.5	30062.5	0.0	361.	18.3	27000.	679.	0.0251	0.0251	1.44	5273.	14740.
79 5 6	5922N	14355W	14198.2	31175.7	0.0	492.	13.2	16800.	402.	0.0240	0.0240	1.40	10095.	20460.
77 528	5612N	13535W	14275.0	27626.0	0.0	355.	17.0	16000.	378.	0.0236	0.0236	0.99	1646.	18040.
79 5 8	5941N	14342W	14317.3	31224.1	0.0	77.	9.0	15200.	355.	0.0234	0.0234	1.46	879.	10780.
77 516	5841N	13841W	14440.1	29366.9	0.0	377.	20.5	15540.	351.	0.0226	0.0226	2.36	7540.	21120.
77 514	5515N	13443W	14157.1	27017.3	0.0	394.	18.0	16000.	360.	0.0225	0.0225	1.44	256.	15400.
77 923	5712N	13618W	14456.0	28306.6	0.0	437.	16.0	16000.	358.	0.0224	0.0224	2.12	3674.	20460.
77 913	5752N	13736W	14509.9	28998.6	0.0	437.	16.7	15540.	326.	0.0210	0.0210	0.63	2021.	21120.
77 910	5621N	13548W	14325.4	27831.2	0.0	394.	18.5	15540.	302.	0.0194	0.0194	1.06	346.	16280.
78 524	5858N	14105W	14436.7	30371.2	0.0	355.	17.2	20160.	386.	0.0191	0.0191	1.28	1125.	9240.
77 930	5712N	13612W	14467.4	28280.6	0.0	383.	27.0	16000.	304.	0.0190	0.0190	1.01	2755.	18480.
79 8 1	5918N	14214W	14397.6	30775.3	0.0	394.	11.0	17640.	323.	0.0193	0.0193	1.08	2240.	8800.
77 912	5714N	13622W	14457.9	28341.4	0.0	372.	20.0	13320.	241.	0.0181	0.0181	0.97	1298.	15400.
77 911	5707N	13615W	14438.3	28250.2	0.0	427.	15.1	15540.	264.	0.0170	0.0170	1.10	773.	15400.
79 729	5858N	14111W	14421.0	30393.3	0.0	437.	11.0	17640.	292.	0.0166	0.0166	1.11	7718.	18920.
79 713	5858N	14108W	14426.9	30383.3	0.0	377.	15.2	27000.	445.	0.0165	0.0165	1.21	11612.	19580.
79 525	5841N	14051W	14354.7	30171.6	0.0	383.	10.5	21600.	353.	0.0163	0.0163	2.54	15333.	23540.
77 924	5726N	13635W	14490.9	28502.8	0.0	437.	25.0	16000.	246.	0.0154	0.0154	1.67	1160.	17220.
79 819	5910N	14152W	14398.4	30635.0	0.0	383.	15.5	19200.	270.	0.0141	0.0141	1.24	3750.	8140.
77 927	5605N	13536W	14244.6	27580.4	0.0	383.	18.0	15200.	202.	0.0133	0.0133	1.10	1292.	16720.
79 712	5841N	14048W	14362.5	30161.2	0.0	369.	14.8	27000.	328.	0.0122	0.0122	1.21	6923.	12540.
79 710	5833N	14001W	14427.0	29921.9	0.0	375.	16.8	27000.	298.	0.0110	0.0110	1.14	4918.	15400.
77 529	5703N	13617W	14415.9	28224.7	0.0	377.	17.0	16000.	156.	0.0098	0.0098	1.32	3907.	32560.
77 514	5756N	13754W	14489.6	29096.7	0.0	394.	15.1	15540.	149.	0.0096	0.0096	0.88	970.	15180.
77 920	5623N	13548W	14295.4	27765.3	0.0	383.	17.0	14400.	126.	0.0087	0.0087	1.50	323.	14520.

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

TABLE D-20. ROCKFISH, OCTOBER-DECEMBER

DATE	LAT	LONG	APPROX 6X	LUHAN-C 6Y	PULSE RATES	DEPTH (FPS)	HOURS SET	NUMBER OF HOOKS SET	TARGET CATCH (LBS)	TARGET HOOK (LBS)	TARGET CATCH PER HOOK (LBS)	MEAN SIZE (LBS/FISH)	DISCARDS CATCH (LBS)	TOTAL CATCH (LBS)
771027	5921N	14214W	14423.9	30799.7	6.0	383.	17.5	13320.	6687.	0.5020	0.566	531.	16720.	
771018	5707N	13615W	14438.3	28250.2	0.0	410.	16.0	16000.	2739.	0.1712	2.08	2268.	17380.	
78107	5835N	14007W	14425.5	25961.8	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.	0.1829	2.21	2071.	14300.	
771025	5516N	14200W	14421.7	30714.6	0.0	383.	17.5	16000.	2382.	0.1489	4.53	1639.	18700.	
77102	5648N	13603W	14374.7	28036.6	0.0	383.	8.0	6000.	889.	0.1482	2.78	395.	6820.	
78104	5855N	14055W	14430.9	30325.5	0.0	317.	16.9	19200.	2840.	0.1479	2.84	212.	12980.	
791015	5812N	14002W	14416.1	25916.5	0.0	317.	20.0	15200.	2238.	0.1473	2.81	885.	13200.	
77108	5754N	13740W	14507.2	29023.9	0.0	394.	17.5	16000.	2172.	0.1358	3.06	982.	12100.	
78106	5839N	14027W	14402.5	30065.6	0.0	334.	20.5	20160.	2658.	0.1319	3.04	3158.	17380.	
77107	5750N	13723W	14519.8	28918.3	0.0	383.	17.5	16000.	2012.	0.1257	2.86	562.	13640.	
791017	5832N	14003W	14415.7	29920.2	0.0	295.	18.0	15200.	1801.	0.1185	3.95	134.	15840.	
771022	5623N	13540W	14310.5	27732.0	0.0	383.	22.4	16000.	1862.	0.1164	3.47	2655.	14960.	
78103	5846N	14056W	14375.5	30233.8	0.0	366.	16.9	19200.	2185.	0.1126	1.96	2205.	13200.	
771029	5933N	14230W	14479.9	30959.8	0.0	355.	19.5	16000.	3719.	0.1074	1.61	2248.	21340.	
78102	5900N	14116W	14422.2	30428.1	0.0	380.	18.3	20160.	2103.	0.1043	1.99	5682.	16720.	
791018	5832N	14002W	14416.1	29916.5	0.0	301.	19.0	15200.	1416.	0.0931	2.05	4383.	11880.	
791016	5846N	14056W	14375.5	30233.8	0.0	295.	21.0	15200.	1373.	0.0903	2.12	3941.	12760.	
771012	5931N	14332W	14265.2	31109.5	0.0	413.	15.9	20000.	1284.	0.0862	1.01	7532.	21340.	
78105	5835N	14008W	14423.0	29965.4	0.0	382.	18.1	20160.	1177.	0.0584	3.00	7627.	19580.	
77103	5611N	13534W	14272.8	27614.0	0.0	383.	17.0	15200.	843.	0.0554	2.72	625.	18920.	
77101	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.	1061.	0.0530	1.56	6730.	22440.	
771025	5605N	13535W	14246.5	27575.7	0.0	424.	17.8	20000.	1017.	0.0509	1.66	10059.	21340.	
771019	5609N	13532W	14268.5	27590.0	0.0	383.	18.4	16000.	779.	0.0487	1.58	3396.	16720.	
771012	5559N	13531W	14230.3	27514.7	0.0	383.	18.3	16000.	773.	0.0483	2.03	612.	16280.	
78101	5908N	14140W	14416.4	30578.9	0.0	383.	18.0	20160.	955.	0.0479	1.14	1843.	10340.	
77106	5930N	14328W	14269.7	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.	
79124	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.	0.0347	1.62	3602.	17380.	
791012	5840N	14034W	14391.6	30103.3	0.0	355.	16.0	15200.	529.	0.0344	1.63	2913.	14520.	
771023	5543N	13519W	14210.5	27383.5	0.0	410.	17.1	20000.	672.	0.0336	1.17	176.	17820.	
77102	5747N	13709W	14531.9	28833.6	0.0	383.	17.5	16000.	588.	0.0336	2.79	371.	16500.	
771022	5528N	13504W	14201.2	27247.6	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	14185.2	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	25898.5	0.0	383.	18.0	15200.	310.	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 LOGAN-C INFORMATION REPORTED IN THIS TABLE IS UNKNOWN. USE WITH CAUTION***

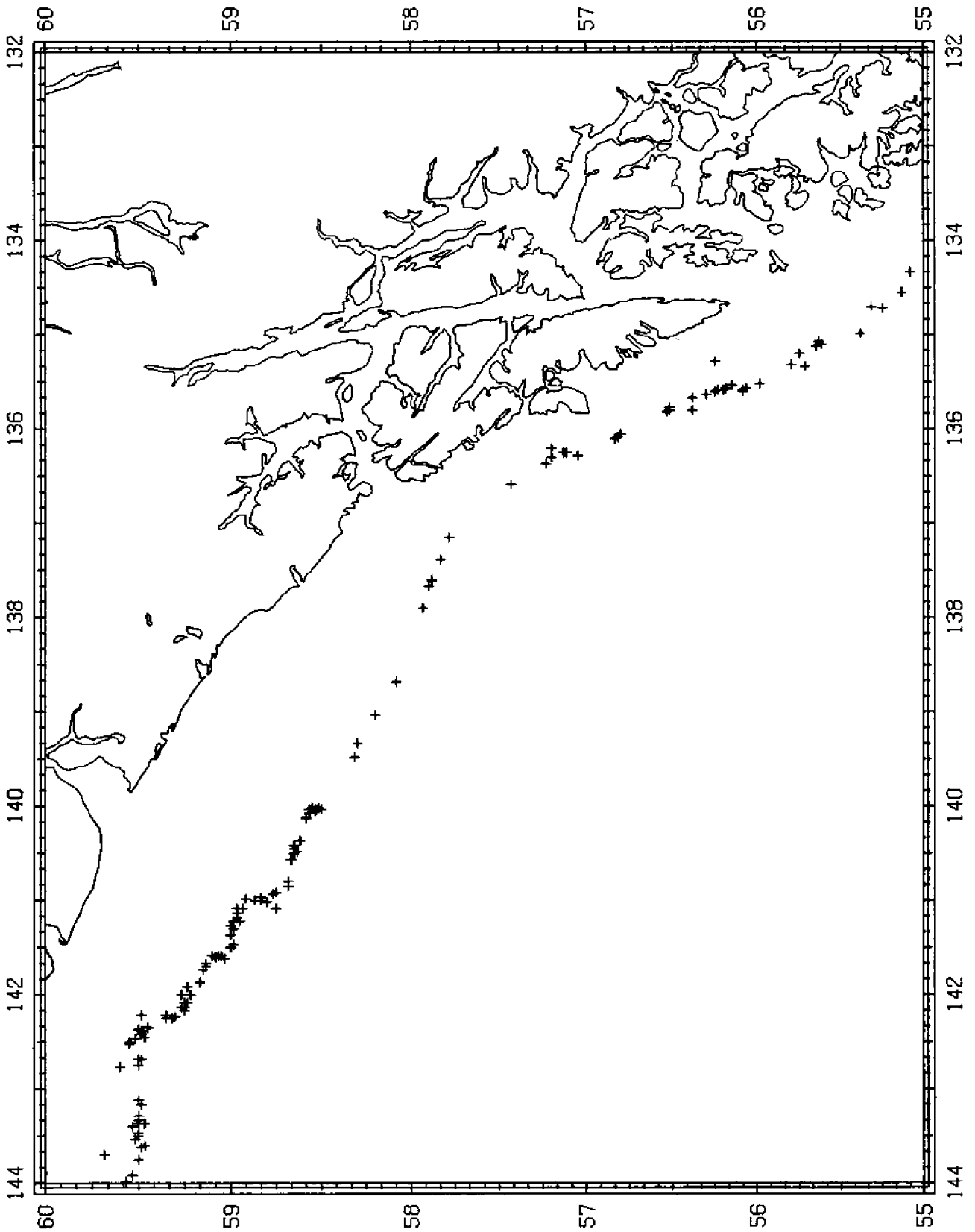


FIGURE D-5. ROCKFISH, ALL MONTHS, 1977-1979

APPENDIX E

Other Sources of Information

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

ANON.

1979 Mechanized system for small long-line boats. Aust. Fish. 38(8): 38.

ANON.

1979 Electronic jig fishing machine. Aust. Fish. 38(8): 39.

BAYNE, R.

1979 Automatic jiggling machine handles everything but unhooking the fish. Natl. Fisherman 59(11): 54.

BROWNING, R. J.

1980 Efficient new 'rack' gear gaining popularity among W.C. longliners. Natl. Fisherman 60(11): 50-51.

CUSHING, W.

1980 Black cod: U.S. takes the lead. Pac. Fish. 1(2): 20-23.

GIBSON, D.

1979 What hook should I use? N. Z. '79 6(5): 3-5.

HIGH, W. L.

1971 Trapping sablefish. Commer. Fish. Rev. 33(6): 43-47.

HIPKINS, F. W.

1974 A trapping system for harvesting sablefish. U.S. Dep. Commer., Natl. Mar. Fish. Serv., Fishery Facts 7, 20 p.

HUGHES, S. E.

1979 Effects of U.S. 200 mile fishery zone on sablefish fishermen. Fishermen's News 34(5): 33.

HUGHES, S. E., D. D. WORLUND, and F. W. HIPKINS.

1970 Adaptation of king crab pots for capturing sablefish (Anoplopoma fimbria). J. Fish. Res. Board Can. 27: 1747-1755.

INTERNATIONAL PACIFIC HALIBUT COMMISSION.

1978 The Pacific halibut: Biology, fishery, and management. International Pacific Halibut Commission, P. O. Box 5009, University Station, Seattle, WA 98105, Tech. Rep. 16, 56 p.

LOW, L. L. and R. MARASCO.

1979 Bio-economic considerations of harvesting sablefish by longline and trawl gear in the Gulf of Alaska. U.S. Dep. Commer., Natl. Oceanic Atmos. Admin., Natl. Mar. Fish. Serv., Northwest and Alaska Fish. Center, Seattle, WA, Processed Rep., 75 p.

LOW, L. L., G. K. TANONAKA, and H. H. SHIPPEN.

- 1976 Sablefish of the northeastern Pacific Ocean and Bering Sea. U.S. Dep. Commer., Natl. Oceanic Atmos. Admin., Natl. Mar. Fish. Serv., Northwest and Alaska Fish. Center, Seattle, WA, Processed rep., 115 p.

MOORE, M.

- 1980 Britons devise automatic longlining system for mid-size boats. Natl. Fisherman 60(9): 56-57.

NYGAARD, W.

- 1979 Mustad Autoline for mechanized long lining. Aust. Fish. 38(1): 36-37.

VAUGHAN, V.

- 1979 Positions of Japanese longliners fishing sablefish in the Gulf of Alaska between 131° west longitude and 147° west longitude, 1974-1979. U.S. Dep. Commer., Natl. Oceanic Atmos. Admin., Natl. Mar. Fish. Serv., Alaska Regional Office, Juneau, AK, Processed rep., 99 p.