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1986 KING/DUNGENESS CRAB SURVEY, KODIAK, ALASKA

By:

Dave Hicks

June 1987

ALASKA DEPARTMENT OF FISH AND GAME
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Dave Hicks

Technical Data Report No. 204
Alaska Department of Fish and Game
Division of Commercial Fisheries
Kodiak, Alaska 99615

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ABSTRACT

During April, May, June, and July of 1986, the Alaska Department of Fish and Game conducted a survey of red king crab, *Paralithodes camtschatica,* and Dungeness crab, *Cancer magister*, in select areas of the Kodiak Management District. The survey was designed to ascertain the incidental catch and condition of king crab captured in Dungeness pots and to observe the shell condition of Dungeness crab. The Department's crab research staff was particularly interested in defining the molting season for male Dungeness crab. This report documents the survey, presents results and discusses possible implications of the findings.

The survey employed two vessels, the F/V ANNA D and the Department's research vessel RESOLUTION. The combined pot lifts for both vessels was 782; producing 3,032 Dungeness crab, 437 king crab, and 141 Tanner crab, *Chionoecetes bairdi*.

We observed high percentages of soft male Dungeness crabs in specific areas of the survey. It was also noted that health and shell condition of king crab was generally good and that for every three legal male Dungeness captured, one king crab was captured.

KEY WORDS; Softshell, *Paralithodes camtschatica*, *Cancer magister*, molt (ecdysis), survey, shell condition.

INTRODUCTION

The Alaska Department of Fish and Game (ADF&G) conducted a one time research survey of Dungeness crab, *Cancer magister*, areas around Kodiak Island from April to July 1986. Research focused on the incidental catch of king crab, *Paralithodes camtschatica*, in Dungeness pots and the shell condition of the Dungeness crab encountered.

The Kodiak Island Dungeness fishery begins 1 May and 15 June in the northern and southern portions of the fishing grounds, respectively. Late spring and early summer have been identified as the molting and mating period for female king crab, Powell and Nickerson (1984). The molting period for male Dungeness in the Kodiak area is undefined, however, in Southeast Alaska it has been determined to be predominately late spring and early summer, Koeneman (1984).

This survey was not designed to produce a population estimate but to assess the condition of king and Dungeness crabs during late spring and early summer. There is a question as to whether the incidental catch of poor shell condition king crabs caused significant mortalities to this species which are at dangerously low population levels. Poor shell condition Dungeness crabs are also of concern to managers in preventing resource wastage. Special terms and their definitions used in this report are listed in Table 1.

MATERIALS AND METHODS

The survey areas were selected by examining the grounds that have been fished commercially by Dungeness crab fishermen (Figure 1) in the spring of the past three years (1983-1985). This data was obtained through the Department's skipper interview program.

The location of each research string of pots fished was recorded in loran C by the skipper on a wheelhouse data log (Appendix Table 1). Other information recorded on the wheelhouse log included number of pots fished, date set and picked, number of days soak, depth of the first and last pot in the string in meters, and the depth range of the string of pots in meters (Appendix Table 1).

The large area surveyed required two vessels in order to finish in a timely manner. The 13.4 meter fishing vessel ANNA D fished the East and Northeast areas (Figure 1 and Appendix Figures 1-7) with 126 commercial-style Dungeness crab pots baited alternately with chopped squid (Order Teuthoidea) or whole cracked butter clams, *Saxidomus giganteus*. A 24.6-meter research vessel, RESOLUTION, was used to fish the West side area of Kodiak Island (Figure 1 and Appendix Figures 8-11). The RESOLUTION fished 79 commercial-style Dungeness pots baited with chopped squid exclusively.

Crab pots were soaked 6 to 41 days before being lifted. Soak times varied due to logistics, weather, and obligations of the commercially chartered fishing vessel.

Table 1. Definition of terms.

Durometer	-	A spring driven device used to measure the relative shell hardness of a crab in its intermolt period.
New soft	-	The sternal surface flexes considerably when moderate pressure is applied.
New shell	-	The sternal surface inflexible when moderate pressure is applied, carapace and appendages clean of epifauna and void of excessive wear.
Old shell	-	The sternal surface inflexible when moderate pressure is applied, carapace and appendages with epifauna present, scars and abrasions present on sternal surface and appendages.
Very old shell	-	The sternal surface inflexible when moderate pressure is applied, carapace and appendages heavily encrusted with epifauna, scars and abrasions present, dactyli worn, obvious skip molt.
Legal size	-	165 mm inside the 10th anterolateral spines for male Dungeness crab. 178 mm including the anterolateral spines for male king crab. 140 mm including the anterolateral spines for male Tanner crab.
String of pots	-	A continuous line of individual crab pots spaced a given distance apart from each other.
Molting	-	The process of shedding an exoskeleton in order for a crustacean to obtain a larger size, also ecdysis.
Soak time	-	The time between setting and picking the survey pots.

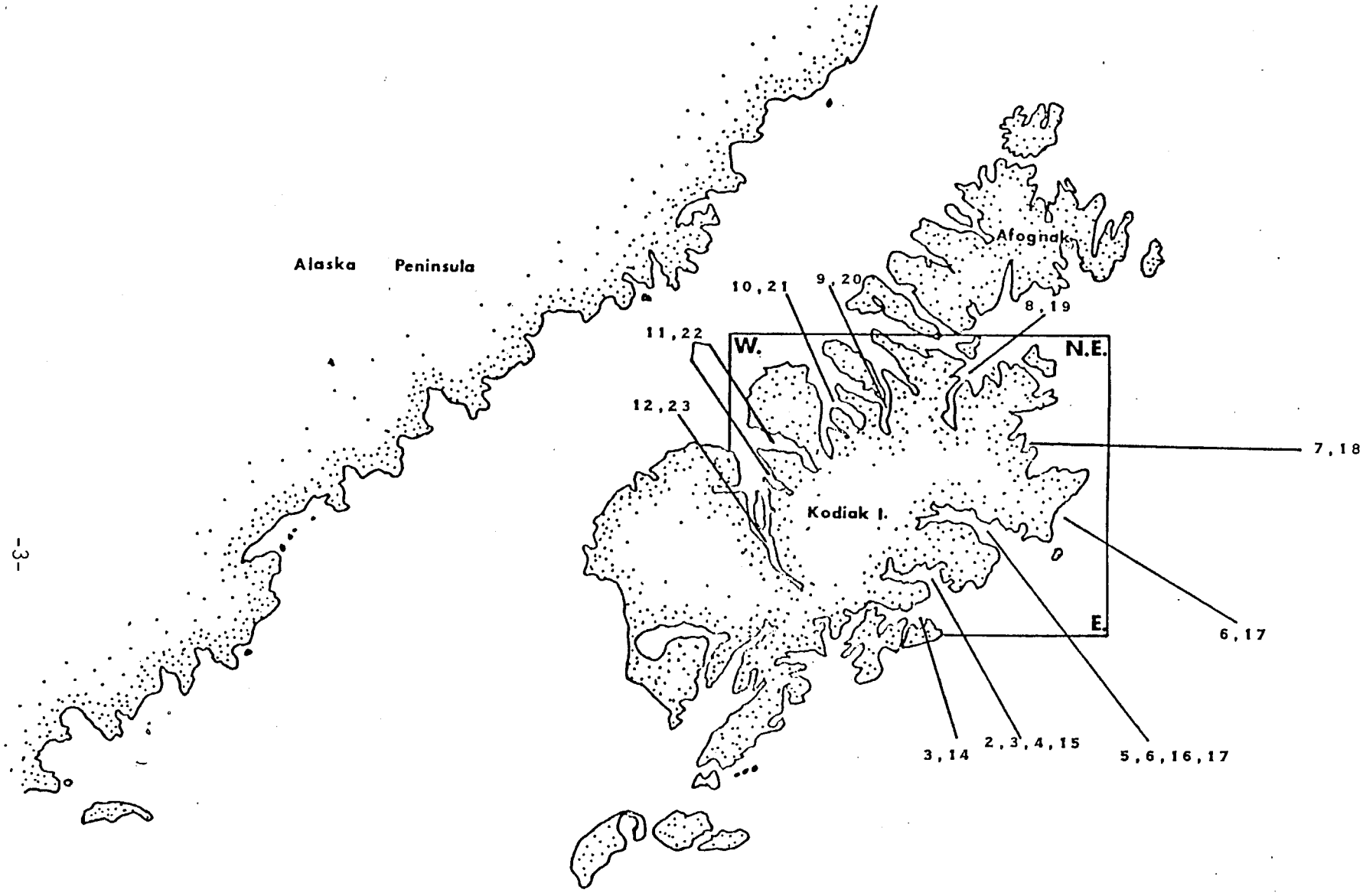

Figure 1. General research area for 1986 Kodiak king/Dungeness survey. (Numbers denote additional appendix figures showing enlargements of areas identified by arrows.)

After the general areas to be fished were determined by the Department, it was left to the skipper to set the pots where he believed Dungeness crabs would be caught. The intent incorporated into the survey design was to simulate a commercial fishing operation during this time period to be sure our crab numbers and composition would be similar to theirs. Much of our fishing gear was fished adjacent to or within the geographic range of commercial Dungeness pots that were already set and fishing the area. Aerial surveys were flown over the study area after research fishing was completed to map the concentration of commercial fishing gear and to document the spatial relationship of the survey strings and commercial gear (Appendix Figures 12-22). These aerial surveys were flown to counter any public concern that our survey did not cover commercially important and historically important Dungeness crab habitat.

Data recorded on crabs captured included species, sex, shell age or shell condition (Table 1), carapace width or length, shell hardness (for male Dungeness), female egg clutch size, comments and types of bait.

Shell hardness readings were made with a Dungeness crab durometer which records hardness of the sternal surface of the crab in a scale of 0-100 durometers (Table 1). Shell age was recorded in categories of new soft, new, old, and very old developed over time by the author and comparisons with the State of Washington's shell hardness criteria (Table 1). These shell age categories are basically the way it is done in Kodiak but may vary region to region.

RESULTS

A total of 782 pot lifts were made on the survey. Total crabs captured were: 3,031 Dungeness crab, 437 king crab, and 141 Tanner crab *(Chionoecetes bairdi)*. The majority of king crab captured were hard-shells with the exception of Kizhuyak Bay 2, where 10 of the 12 adult females were soft (Table 2). A ratio of 3:1 legal-size male Dungeness to all king crab occurred in the pots lifted. The affects of handling and possible attendant mortality of these crab was not determined.

The Tanner crabs were also in hardshell condition throughout most of the survey with only 12 soft male Tanner crab encountered out of 138 caught.

Dungeness crabs were found in the softshell condition in many areas of the survey and in high percentages in some strings (Table 3). Softshell abundance is considered high in Washington state by the Washington Department of Fisheries if in excess of 20% (S. Barry, pers. comm., Washington Department of Fisheries, Montesano, Washington). The softshell percentages in Table 3 were computed by adding the sublegal and legal males from Table 2 for each string and dividing into the total number of sublegal and legal male softshells from the same table. Female Dungeness crabs were not soft during the survey period as they are thought to molt and mate in the late summer and fall.

It was determined from the survey results that May, June, and early July were months when significant numbers of male Dungeness crab molt. Dockside

Table 2. Kodiak king/Dungeness crab survey results by area and string number, 1986.

			Dungeness					Red king crab								Tanner				
Area	String	Pots	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Female	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Juvenile Female	Juv.Fem. Soft	Total Adult Female	Ad.Fem. Soft	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Adult Female
KILIUDA BAY	1	20	35	3	252	50	9	0	0	0	0	0	0	0	0	1	0	0	0	2
KILIUDA BAY	2	20	40	7	406	65	2	0	0	0	0	0	0	0	0	0	0	0	0	2
TANGINAK ANCHORAGE	1	25	4	0	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
DOG BAY	1	5	2	1	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
SHEARWATER BAY	1	25	5	0	21	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
SANTA FLAVIA BAY	1	14	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
BOULDER BAY	1	15	12	0	32	11	3	0	0	0	0	0	0	0	0	0	0	0	0	0
UGAK BAY, S.W. ARM	1	21	2	2	12	3	28	11	0	0	0	8	0	4	0	15	0	7	5	0
HIDDEN BASIN	1	10	0	0	20	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0
SALTERY COVE	1	16	21	5	39	23	74	0	0	0	0	0	0	0	0	0	0	0	0	0
PORTAGE BAY	1	15	2	0	7	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
PASAGSHAK BAY	1	15	6	0	11	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0
FOSSIL BEACH	1	21	4	0	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SACRAMENTO	1	30	6	2	15	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KALSIN BAY	1	38	0	0	22	1	8	10	0	0	0	2	0	0	0	0	0	0	0	0
MIDDLE BAY	1	17	9	2	29	11	136	0	0	0	0	0	0	0	0	0	0	0	0	0
MIDDLE BAY	2	23	1	1	11	8	128	82	0	0	0	28	0	7	0	0	0	0	0	0
WOMENS BAY	1	29	1	1	10	2	64	1	0	0	0	0	0	1	0	47	4	1	1	1
BUSKIN BEACH	1	16	2	0	11	2	112	0	0	0	0	0	0	0	0	1	0	0	0	1
ANTON LARSEN BAY	1	11	0	0	2	0	4	0	0	0	0	0	0	0	0	2	0	0	0	2
ANTON LARSEN BAY	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
ANTON LARSEN BAY	3	8	2	0	7	3	9	0	0	0	0	0	0	0	0	3	1	3	0	2
SHARATIN BAY	1	30	10	2	7	1	13	0	0	0	0	0	0	0	0	0	0	0	0	2
SHARATIN BAY	2	10	6	4	2	1	15	0	0	0	0	0	0	0	0	0	0	0	0	2
KIZHUYAK BAY	1	25	4	2	11	4	5	0	0	0	0	0	0	0	0	0	0	0	0	2
KIZHUYAK BAY	2	34	13	0	46	12	6	43	0	0	0	0	0	12	10	0	0	0	0	2
TERROR BAY	1	22	24	0	67	0	38	6	0	0	0	0	0	4	0	1	0	0	0	3
TERROR BAY	2	19	15	0	44	0	45	6	0	0	0	0	0	6	0	0	0	0	0	3
TERROR BAY	3	21	2	0	0	0	10	77	0	0	0	55	0	31	0	9	0	8	0	3
UGANIK BAY, N.E. A	1	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
UGANIK BAY, E. ARM	1	5	2	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	1
UGAINK BAY, E. ARM	2	5	0	0	0	0	16	0	0	0	0	0	0	0	0	0	0	0	0	1
UGANIK BAY, E. ARM	3	5	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	1
UGANIK BAY, E. ARM	4	5	0	0	2	1	27	0	0	0	0	0	0	0	0	0	0	0	0	1

-Continued-

Table 2. Kodiak king/Dungeness crab survey results by area and string number, 1986 (continued).

			Dungeness					Red king crab								Tanner				
Area	String	Pots	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Female	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Juvenile Female	Juv.Fem. Soft	Total Adult Female	Ad.Fem. Soft	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Adult Female
UGANIK BAY, E. ARM	5	5	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
UGANIK BAY, E. ARM	6	5	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
UGANIK BAY, E. ARM	7	5	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1
UGANIK BAY, E. ARM	8	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
UGANIK BAY, E. ARM	9	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
UGANIK BAY, E. ARM	10	5	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
UGANIK BAY, S. ARM	1	10	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1
UGANIK BAY, S. ARM	2	11	1	0	1	0	23	0	0	0	0	0	0	0	0	0	0	0	0	1
UGANIK BAY, S. ARM	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
SPIRIDON BAY	1	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
SPIRIDON BAY	2	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
ZACHAR BAY	1	18	26	10	14	9	86	11	0	0	0	4	0	2	0	0	0	0	0	1
ZACHAR BAY	2	19	36	20	21	8	67	0	0	0	0	0	0	0	0	0	0	0	0	1
UYAK BAY	1	21	48	0	66	6	240	12	0	0	0	5	0	9	0	0	0	0	0	1
UYAK BAY	2	21	8	0	22	4	142	0	0	0	0	0	0	0	0	0	0	0	0	1
UYAK BAY	3	21	2	0	20	2	45	0	0	0	0	0	0	0	0	0	0	0	0	1
UYAK BAY	4	8	0	0	4	0	18	0	0	0	0	0	0	0	0	14	0	25	0	2
Grand Total		782	351	62	1265	242	1406	259	0	0	0	102	0	76	10	94	5	44	6	60

Table 3. Percent softshell male Dungeness crab by area from the 1986 Kodiak king/Dungeness crab survey.

Area	Sample Date	Total Catch	Percent Softshell
Ugak Bay, S.W. Arm	5/18	14	36%
Hidden Basin	5/18	20	15%
Saltery Cove	5/18	60	47%
Portage Bay	5/18	9	11%
Pasagshak Bay	5/18	17	0%
Fossil Beach	5/18	12	8%
Sacramento	5/18	21	43%
Kalsin Bay	5/20	22	5%
Middle Bay, 1	5/20	38	34%
Middle Bay, 2	5/20	12	75%
Womens Bay	5/20	11	27%
Buskin	5/20	13	15%
Uganik Bay, N.E. Arm	4/23	0	0%
Uganik Bay, E. Arm	4/23	4	25%
Uganik Bay, S. Arm	4/23	2	0%
Spiridon Bay	5/22	0	0%
Zachar Bay, 1	5/22	40	48%
Zachar Bay, 2	5/22	57	49%
Uyak Bay, 1	5/15	114	5%
Uyak Bay, 2	5/14	30	13%
Uyak Bay, 3	5/14	22	9%
Uyak Bay, 4	5/15	4	0%
Anton Larsen Bay	6/5	11	27%
Sharatin Bay, 1	6/5	17	18%
Sharatin Bay, 2	6/5	8	62%
Kizhuyak Bay, 1	6/5	15	40%
Kizhuyak Bay, 2	6/5	59	52%
Kiliuda Bay, 1	6/19	287	18%
Kiliuda Bay, 2	6/19	446	16%
Tanginak Anchorage	6/19	14	7%
Dog Bay	6/19	12	17%
Shearwater Bay	6/19	26	0%
Santa Flavia Bay	6/18	3	33%
Boulder Bay	6/18	44	25%
Terror Bay, 1	7/3	91	*
Terror Bay, 2	7/3	59	*
Terror Bay, 3	7/3	2	*

* Terror Bay shell conditions not recorded

sampling and skipper interview data from the commercial fishery of the same year verified this and extended this period into late August.

The greatest catches of Dungeness crab by string of pots occurred in Kiliuda Bays 1 and 2 (Table 2). The greatest catch of king crab occurred in Terror Bay (Table 2). Tanner crabs were found sporadically throughout the survey with Womens Bay having the highest concentration.

The crab catches in Table 2 (catch by area) and Appendix Table 2 (catch by pot) were not adjusted to a standard soak. King crab catches by area are summarized in Table 4 which lists the string of pots where king crab were found. Table 2 and Appendix Table 2 also list the king crab catches by area and pot respectively, and are organized by sex.

Dungeness crabs actually molted in our pots in the time between setting and picking the gear. When it was possible to positively identify the shed exoskeleton with the newly molted crab we obtained growth per molt information. Table 5 lists growth data for 10 such individuals.

Carapace width and length frequency histograms were generated for all male Dungeness, Tanner, and king crab captured respectively, Figures 2-4. Carapace width or length frequency histograms for all three crab species were generated by research fishing sections, i.e., East, Northeast, and West Sides (Figures 5-19). Female Tanner crabs occurred so infrequently that width frequency graphs were not made.

DISCUSSION

Based on the results of this survey it appears that during May, June, and July substantial numbers of softshell male Dungeness occur and will be subject to handling if a commercial fishery is opened. Estimates of handling mortality of large softshell male Dungeness crabs have been made by the Washington Department of Fisheries. Results indicate a 20 to 40% mortality rate due to handling (Barry 1984).

We expected large adult female king crab to still be soft in May, but we caught primarily the smaller females which molted earlier in the year. Only 13% of the 76 adult female king crabs captured were soft.

When collecting softshell Dungeness crabs for a shell hardness study, we noticed that the softshells had to be isolated from the other crabs or they would be devoured. This cannibalism has also been observed in other studies, Gotshall (1977) and Waldron (1958).

The alternated baits of squid and butter clams on the ANNA D survey turned out to be an interesting observation in bait preference for Dungeness crabs. By simply using the gross catch per pot of male Dungeness crabs, squid caught 2.99 crabs/pot while clams caught 1.78 crabs/pot. In terms of actual numbers of crab captured by bait type, squid baited pots caught about 1/3 more male Dungeness crabs than class baited pots.

Table 4. King crab catches by area, 1986 Kodiak king/Dungeness crab survey.

	Numbers of King Crab		
AREA NAME	Total	Females	Males
UGAK BAY, S.W. ARM	23	12	11
KALSIN BAY	12	2	10
MIDDLE BAY, 2	117	35	82
WOMENS BAY	2	1	1
KIZHUYAK BAY, 2	55	12	43
TERROR BAY, 1	10	4	6
TERROR BAY, 2	12	6	6
TERROR BAY, 3	163	86	77
UYAK BAY, 1	26	14	12
ZACHAR BAY	17	6	11
	437	178	259

Table 5. Dungeness crab growth per molt, 1986 Kodiak king/Dungeness crab survey.

Pre-molt Shell Width (mm)	Post-molt Shell Width (mm)	Growth * (mm)
122	148	26
154	172	18
155	185	30
159	186	27
159	187	28
160	185	25
160	186	26
161	190	29
162	191	29
175	202	27

* Growth data was obtained by measuring the oldshell and newshell of crabs that had molted in our research pots.

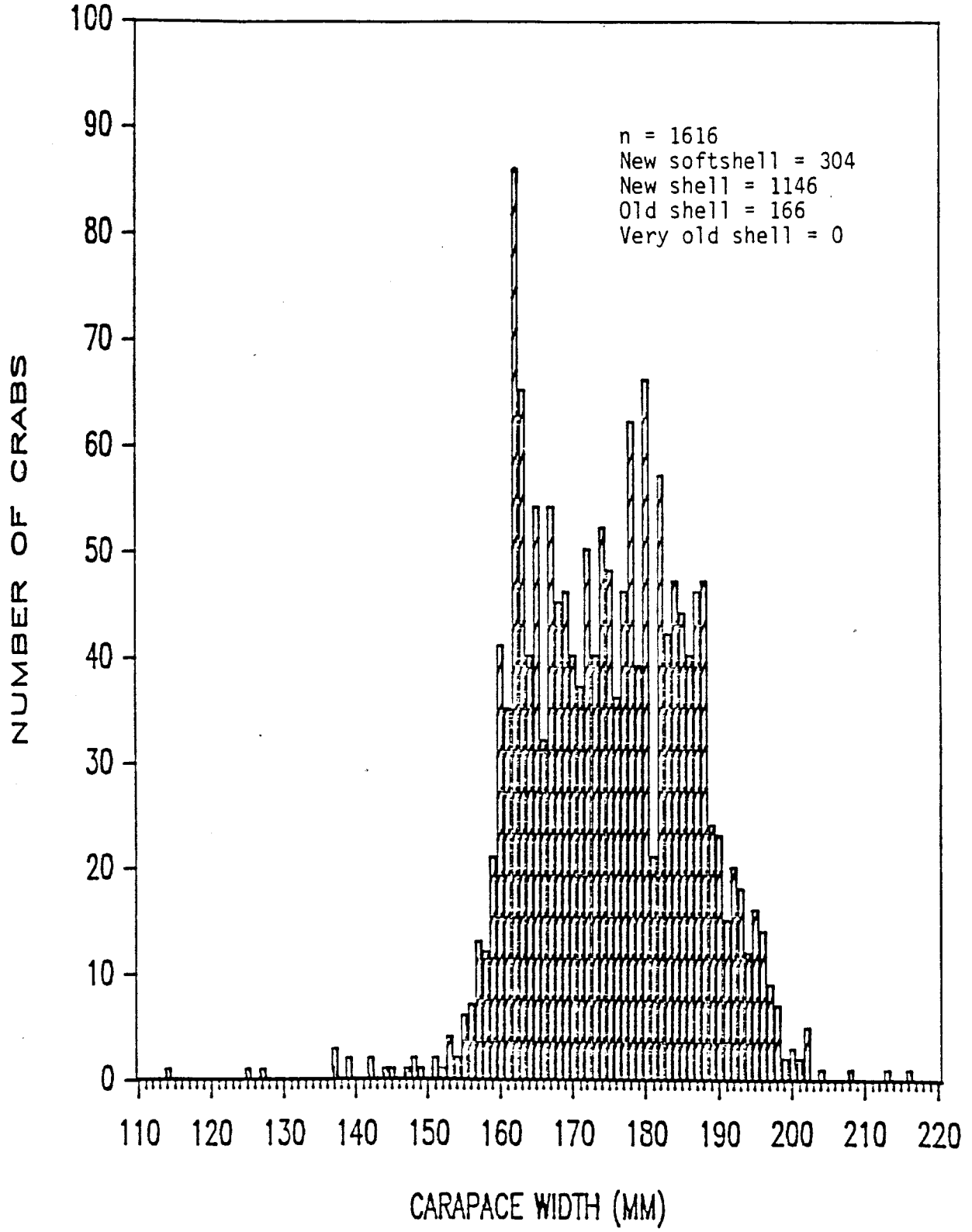

Figure 2. Male Dungeness crab width frequencies, all areas surveyed.

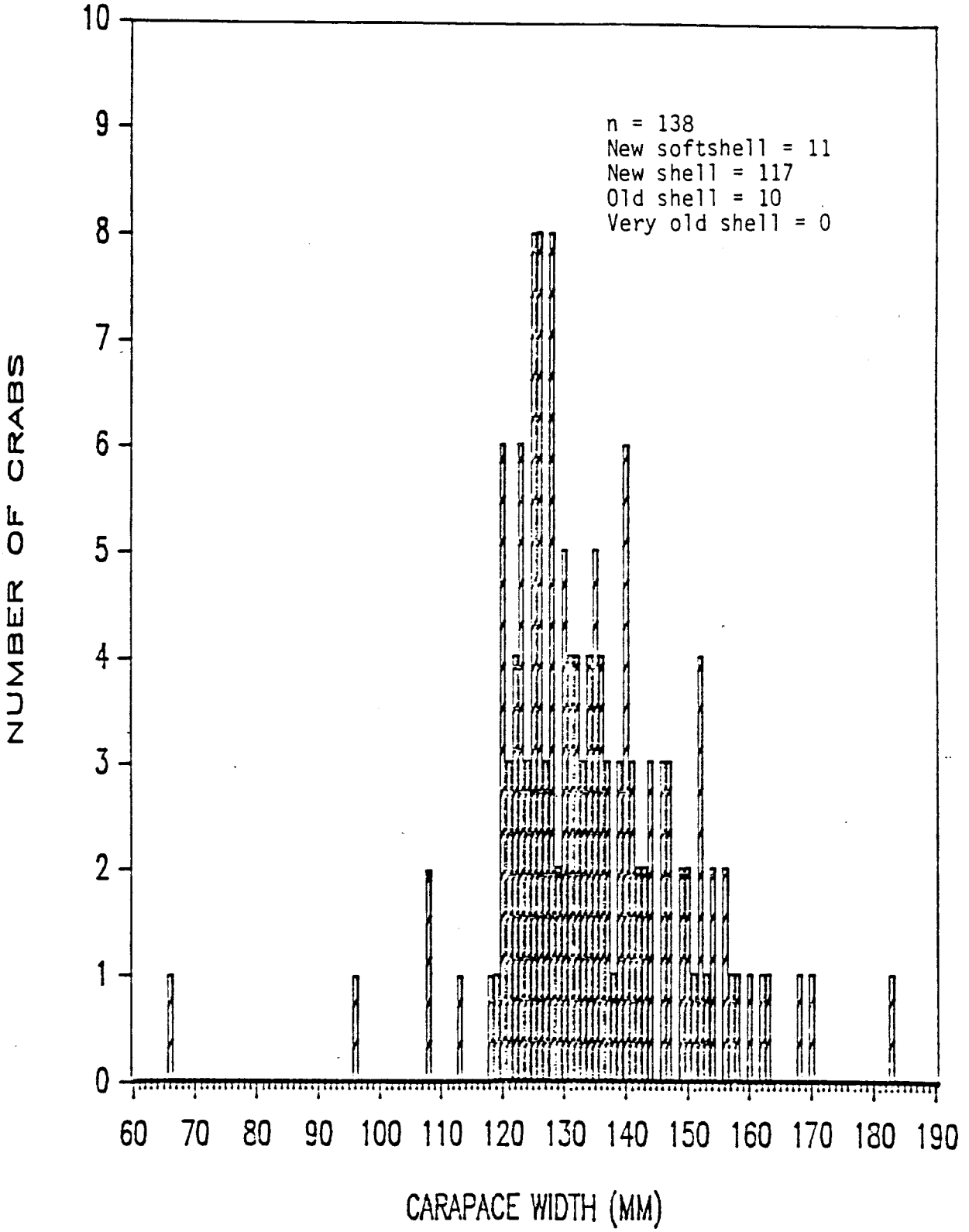

Figure 3. Male Tanner crab width frequencies, all areas surveyed.

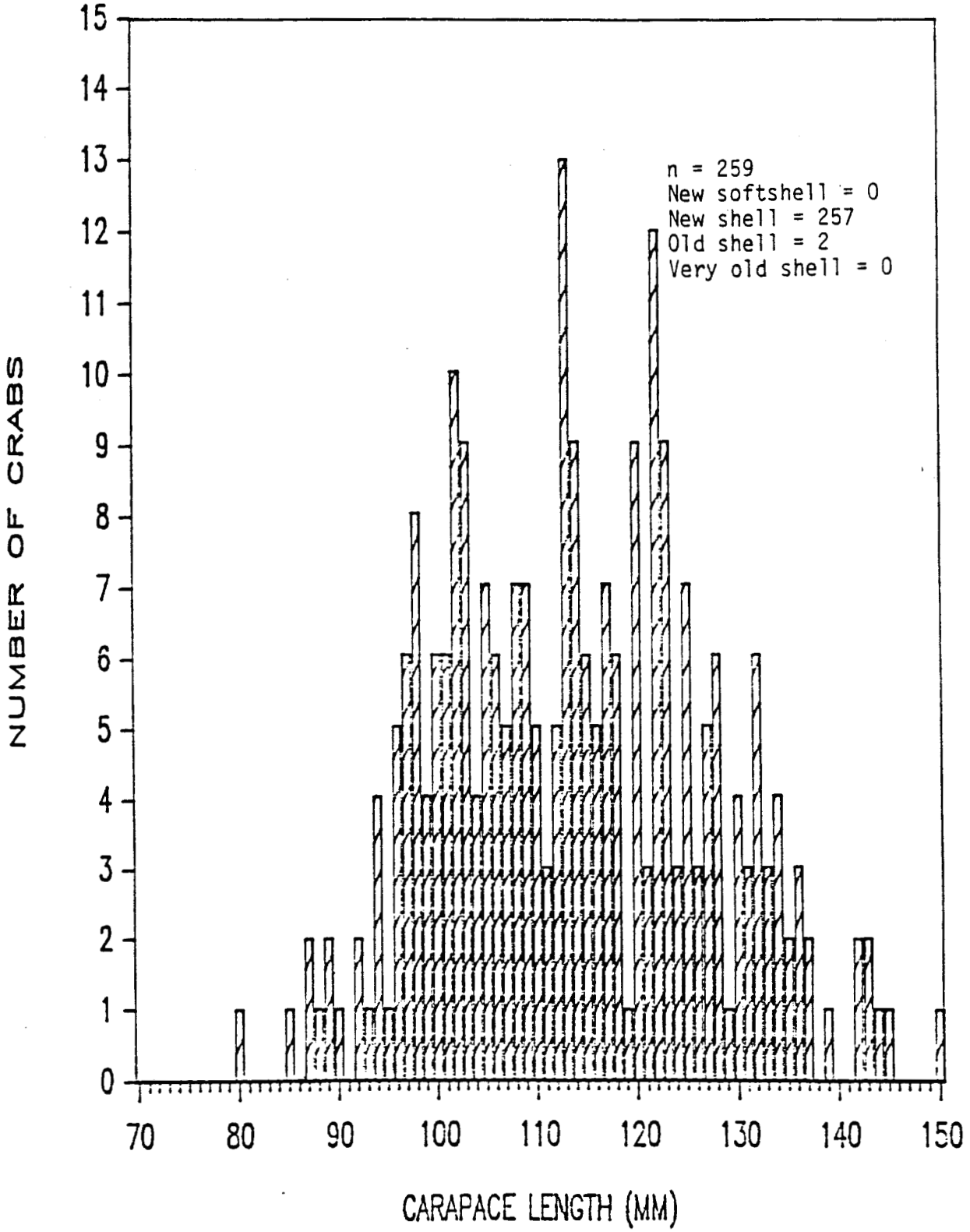

Figure 4. Male king crab length frequencies, all areas surveyed.

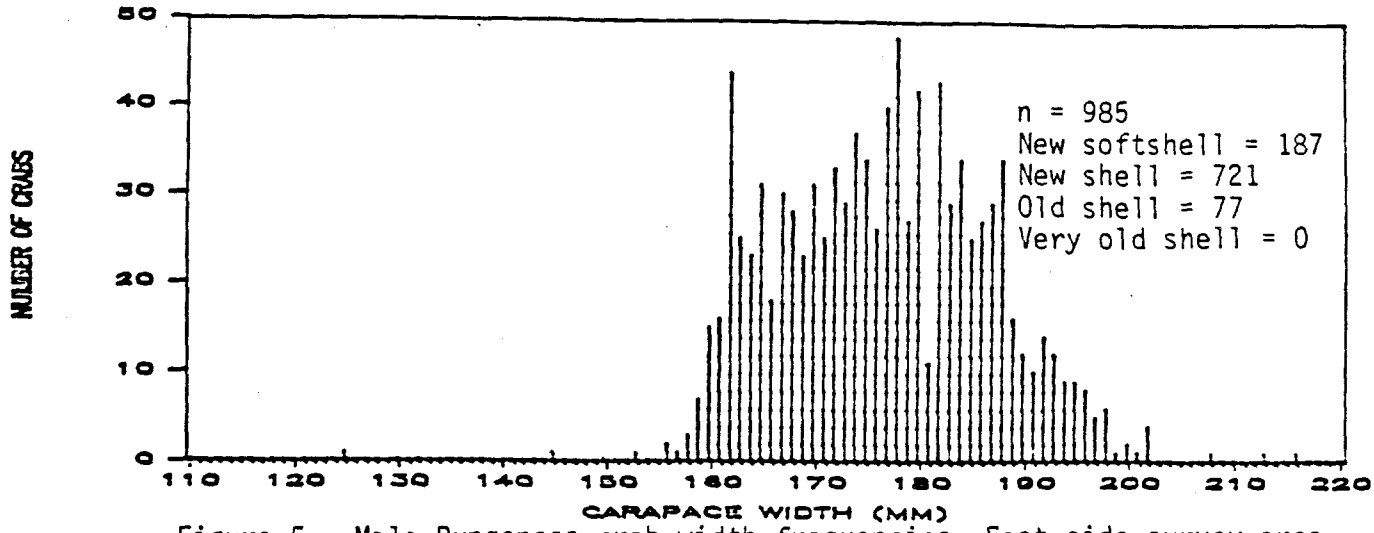

Figure 5. Male Dungeness crab width frequencies, East side survey area.

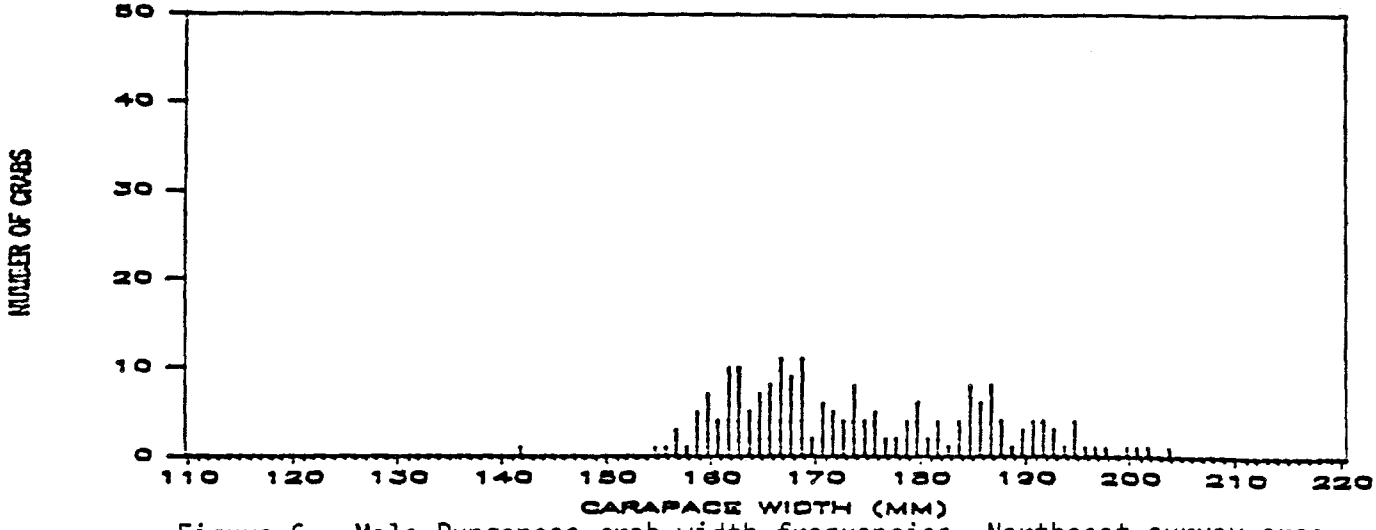

Figure 6. Male Dungeness crab width frequencies, Northeast survey area.

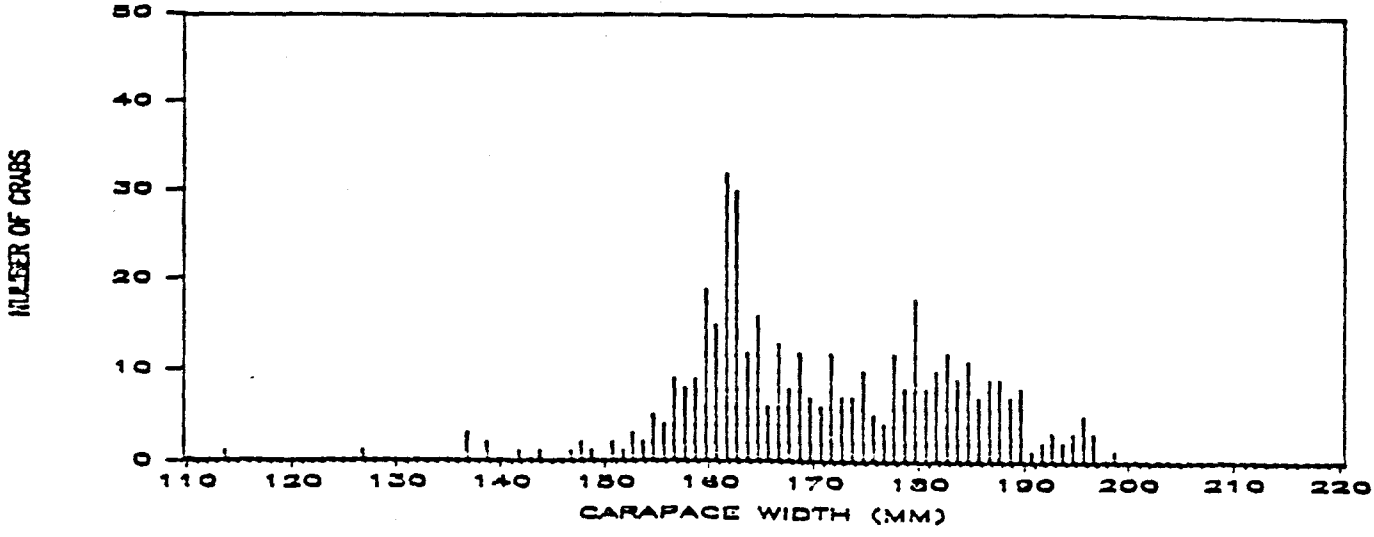

Figure 7. Male Dungeness crab width frequencies, West side survey area.

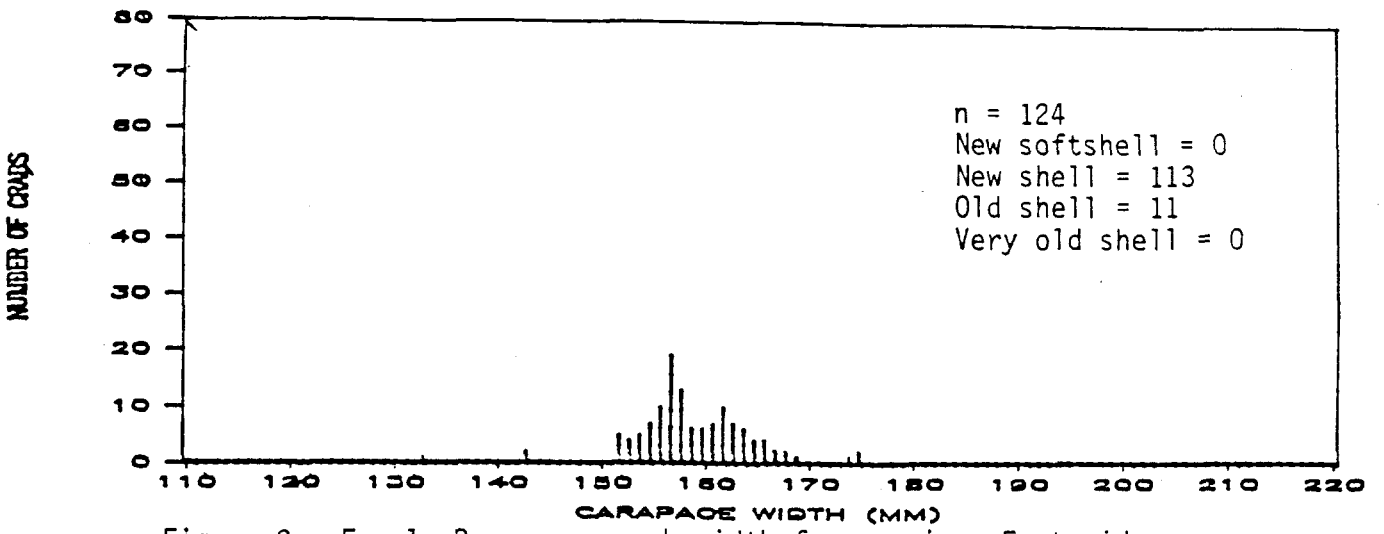

Figure 8. Female Dungeness crab width frequencies, East side survey area.

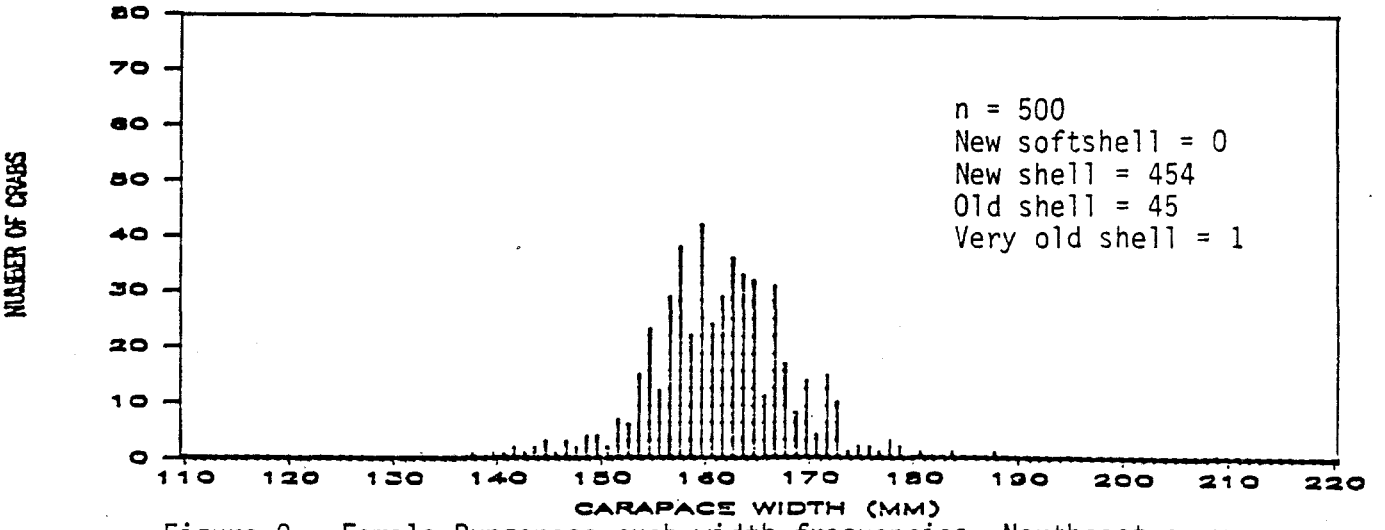

Figure 9. Female Dungeness crab width frequencies, Northeast survey area.

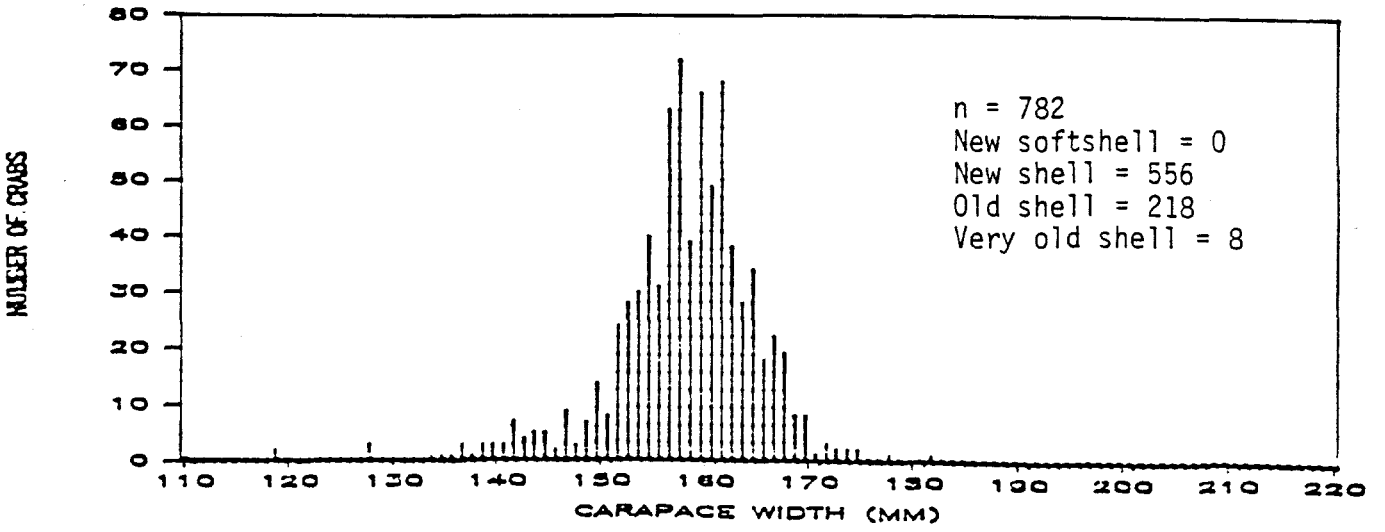

Figure 10. Female Dungeness crab width frequencies, West side survey area.

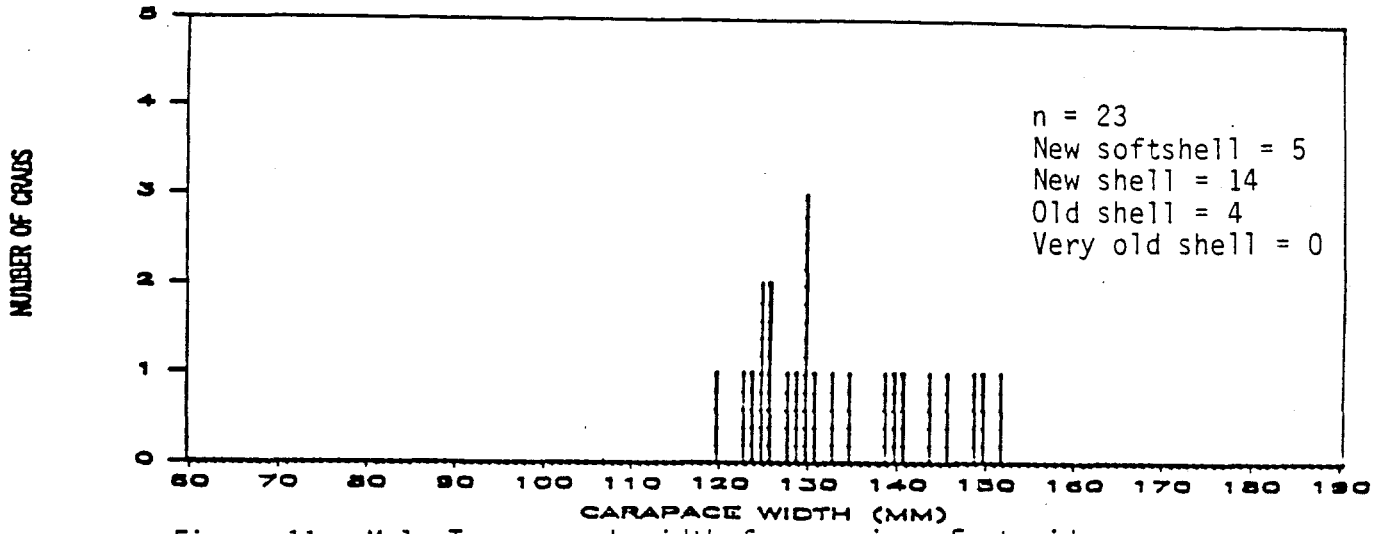

Figure 11. Male Tanner crab width frequencies, East side survey area.

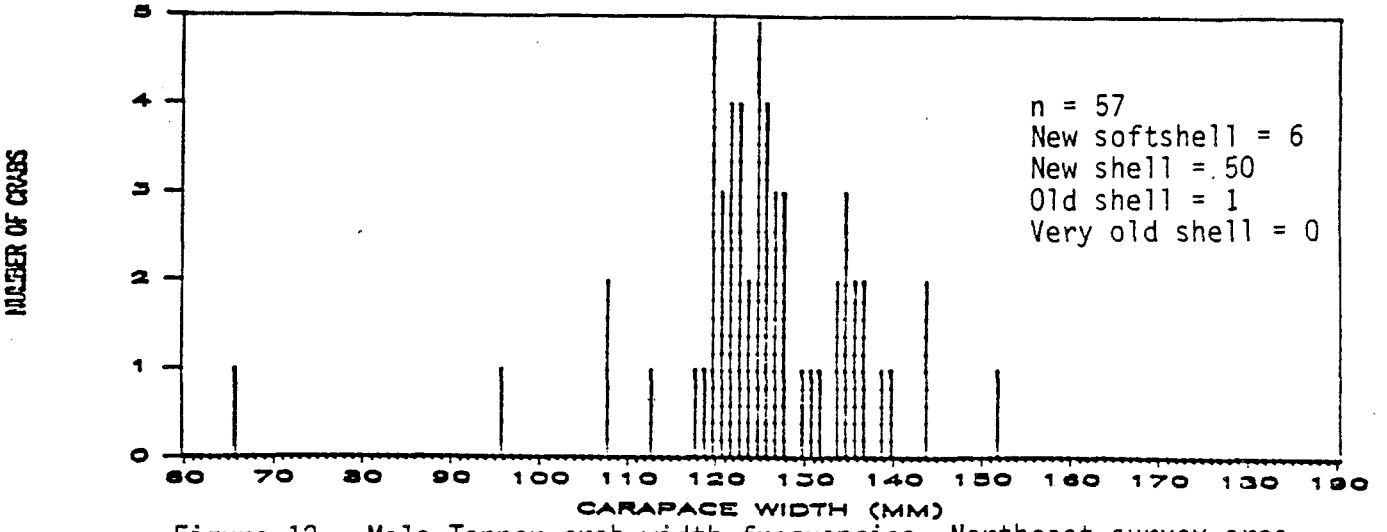

Figure 12. Male Tanner crab width frequencies, Northeast survey area.

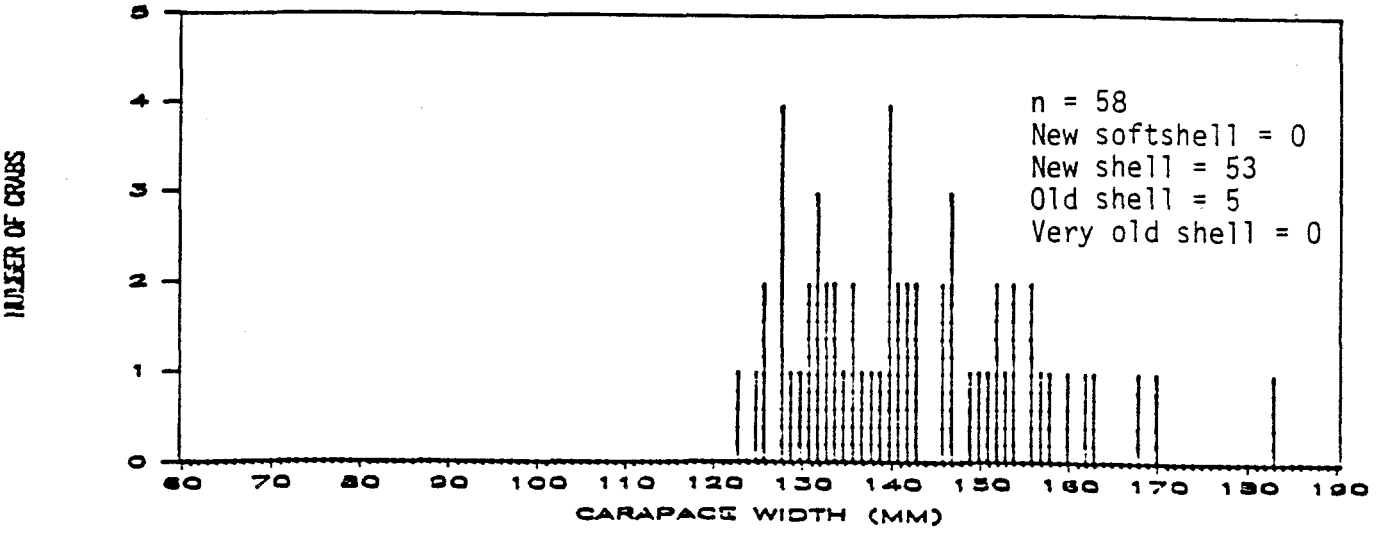

Figure 13. Male Tanner crab width frequencies, West side survey area.

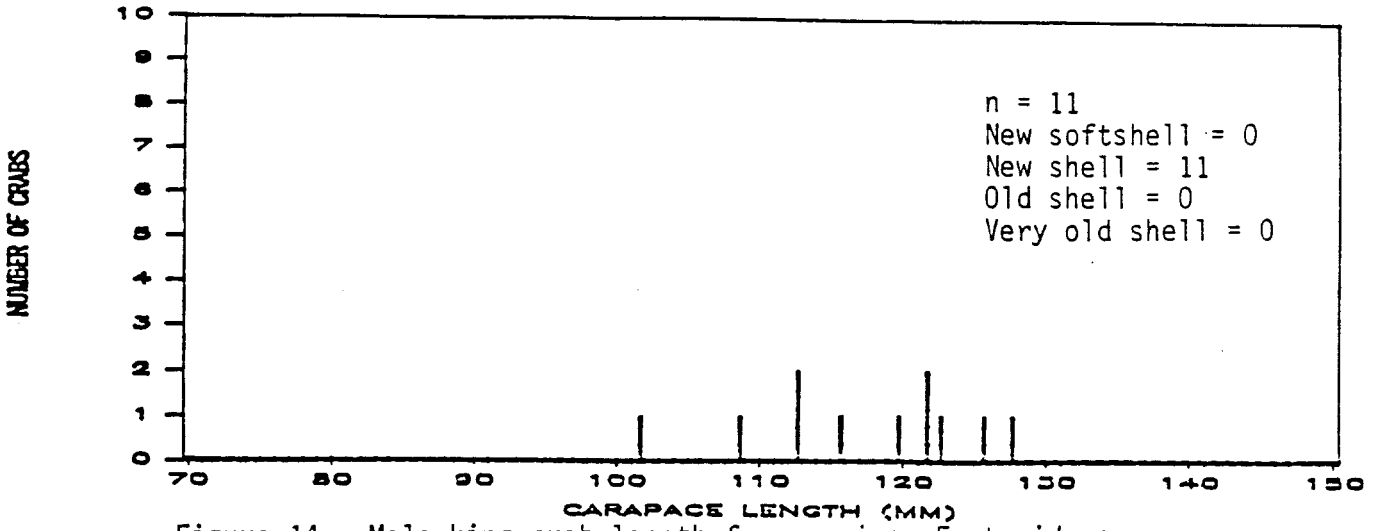

Figure 14. Male king crab length frequencies, East side survey area.

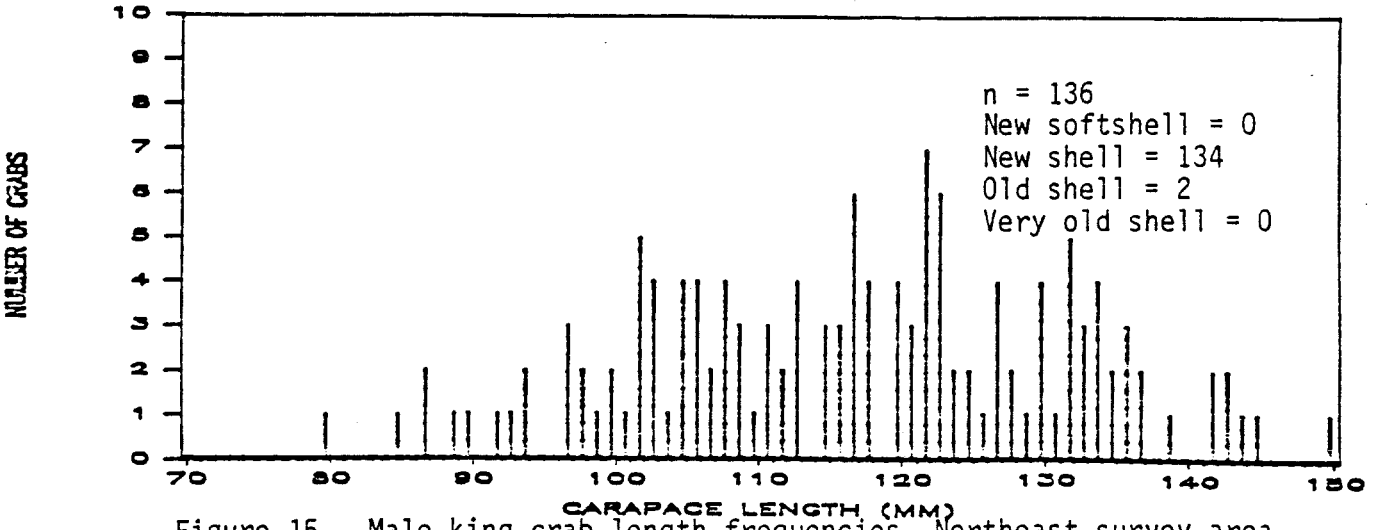

Figure 15. Male king crab length frequencies, Northeast survey area.

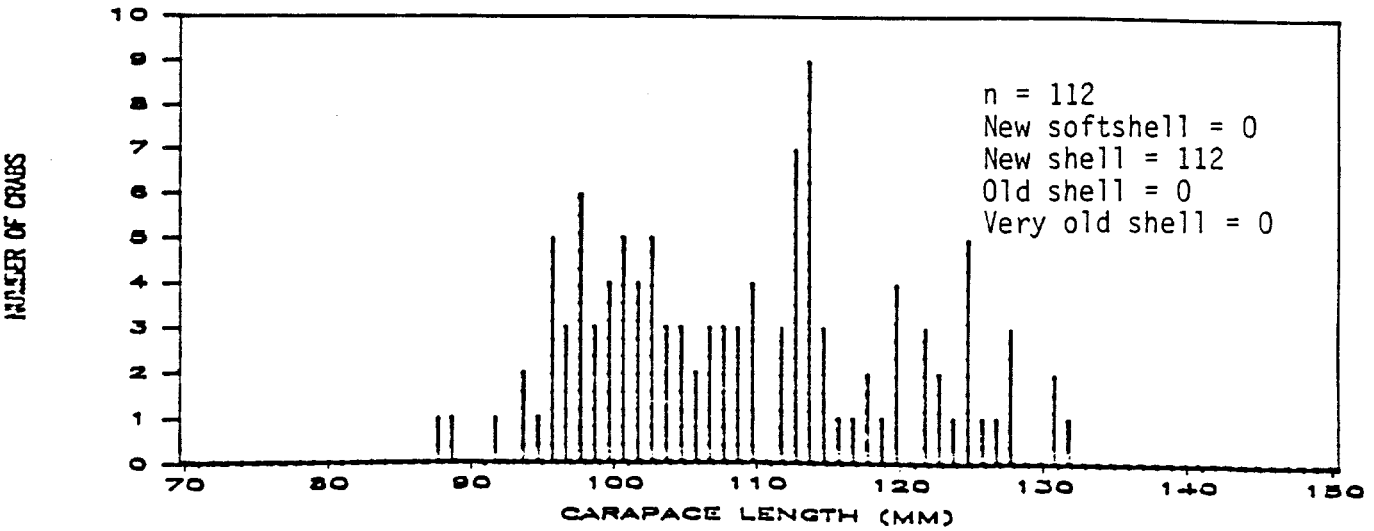

Figure 16. Male king crab length frequencies, West side survey area.

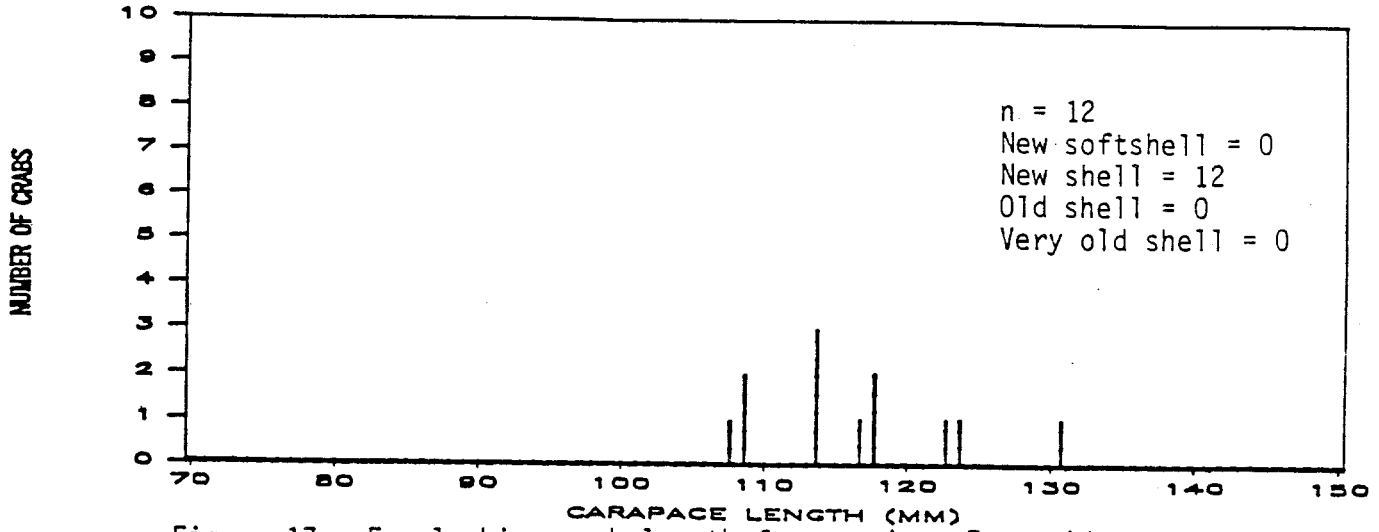

Figure 17. Female king crab length frequencies, East side survey area.

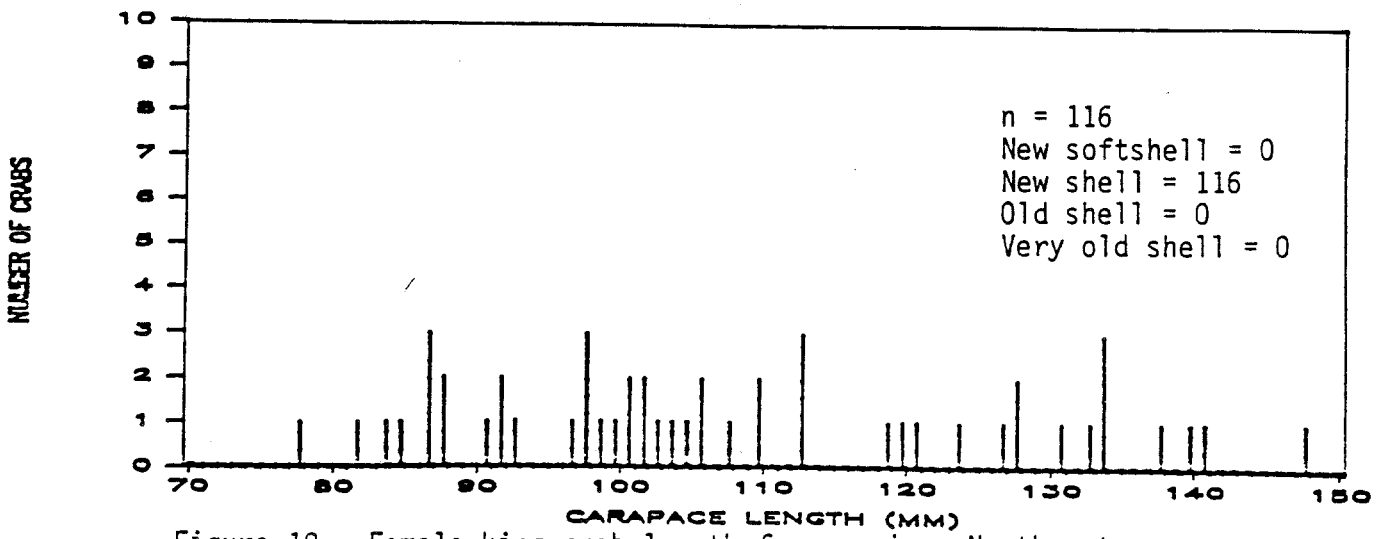

Figure 18. Female king crab length frequencies, Northeast survey area.

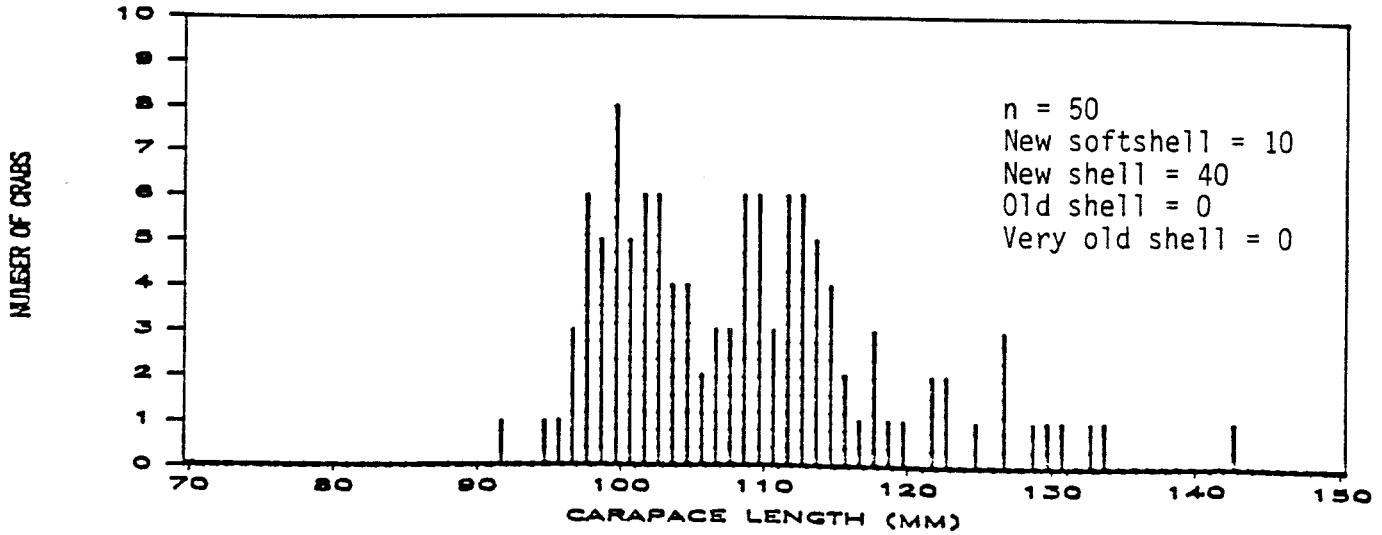

Figure 19. Female king crab length frequencies, West side survey area.

Preliminary observations from our Dungeness dockside interviews and catch sampling programs indicated that the survey was conducted prior to the major Dungeness molt. We concluded that the primary male Dungeness molting period during 1986 occurred in July and August. Further studies need to be developed to determine what the affects of handling poor shell condition crabs are. Repeat handlings, delayed mortalities, growth, affect on eggs, etc., could all be affected detrimentally by handling.

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LITERATURE CITED

Barry, Steve. 1985. Overview of the Washington coastal Dungeness crab fishery. Proceedings of the symposium on Dungeness crab biology and management. University of Alaska, Alaska Sea Grant Report No. 85-3: 33-36.

Gotshall, Daniel. 1977. Stomach contents of northern California Dungeness crabs. California Fish and Game 63(1):43-51.

Koeneman, Timothy M. 1985. A brief review of the commercial fisheries for *Cancer magister* in Southeast Alaska and Yakutat waters, with emphasis on recent seasons. Proceedings of the symposium on Dungeness crab biology and management. University of Alaska, Alaska Sea Grant Report No. 85-3:61-76.

Powell, Guy C. and Richard B. Nickerson. 1965. Reproduction of king crab, *Paralithodes camtschatica* (Tilesius). Journal of the Fisheries Research Board of Canada 22(1).

Waldron, Kenneth D. 1958. Fishery and biology of the Dungeness crab (*Cancer magister* Dana) in Oregon waters. Oregon Fisheries Commission (24):1-43.

APPENDICES

Appendix Table 1. 1986 Kodiak king/Dungeness crab survey wheelhouse data log.

AREA & STRING	NUMBER OF POTS	SET	PICKED	# DAYS SOAK	FIRST X LORAN	FIRST Y LORAN	FIRST DEPTH (meters)	LAST X LORAN	LAST Y LORAN	LAST DEPTH (meters)	DEPTH RANGE (meters)
KILIUDA BAY 1	20	5-17	6-19	33	11041.9	31277.5	24.9	11041.0	31276.0	37.5	11.8-32.9
KILIUDA BAY 2	20	5-17	6-19	33	11033.7	31264.5	20.3	11033.1	31264.2	21.0	7.2-21.0
TANGINAK ANCHORAGE	25	5-17	6-19	33	11005.9	31212.7	11.1	11006.5	31213.7	40.8	7.2-44.3
DOG BAY	5	5-17	6-19	33	11024.6	31256.7	19.7	11024.6	31256.3	22.3	19.7-22.3
SHEARWATER BAY	25	5-17	6-19	33	11019.1	31251.9	10.5	11019.5	31252.0	16.4	7.2-16.4
SANTA FLAVIA BAY	14	5-17	6-18	32	11009.7	31234.5	21.6	11010.4	31235.8	17.0	11.8-21.6
BOULDER BAY	15	5-17	6-18	32	11001.8	31222.0	15.1	11003.0	31224.0	15.7	15.1-15.7
UGAK BAY, S.W. ARM	21	5-12	5-18	6	11054.1	31293.1	11.1	11054.6	31293.4	22.9	11.1-22.9
HIDDEN BASIN	10	5-12	5-18	6	11062.8	31299.8	38.8	11062.5	31299.7	40.1	38.8-40.1
SALTERY COVE	16	5-12	5-18	6	11052.3	31288.5	6.3	11053.9	31290.1	7.2	6.3-7.2
PORTAGE BAY	15	5-12	5-18	6	11031.4	31268.8	8.5	11030.5	31268.1	12.4	7.2-12.4
PASAGSHAK BAY	15	5-12	5-18	6	11013.0	31251.1	7.2	11009.7	31248.1	12.4	7.2-12.4

-Continued-

Appendix Table 1. 1986 Kodiak king/Dungeness crab survey wheelhouse data log (continued).

AREA & STRING	NUMBER OF POTS	SET	PICKED	# DAYS SOAK	FIRST X LORAN	FIRST Y LORAN	FIRST DEPTH (meters)	LAST X LORAN	LAST Y LORAN	LAST DEPTH (meters)	DEPTH RANGE (meters)
FOSSIL BAY (BEACH)	21	5-12	5-18	6	10999.1	31233.2	19.0	10999.7	31235.9	16.4	16.4-19.0
SACRAMENTO	30	5-12	5-18	6	11060.0	31250.0	14.4	11049.5	31246.1	15.7	11.8-15.7
KALSIN BAY	38	5-8	5-20	12	11103.6	31296.6	14.8	11106.3	31294.2	13.7	7.6-14.8
MIDDLE BAY 1	17	5-8	5-20	12	11139.5	31316.2	7.2	11146.3	31317.5	12.3	7.2-12.3
MIDDLE BAY 2	23	5-8	5-20	12	11138.5	31315.2	7.2	11147.0	31316.2	15.1	7.2-15.1
WOMENS BAY	29	5-8	5-20	12	11166.8	31335.2	11.3	11176.5	31339.1	17.0	10.5-17.0
BUSKIN BEACH	16	5-8	5-20	12	11201.7	31342.4	8.5	11207.1	31344.4	9.0	8.5-9.0
ANTON LARSEN BAY 1	11	5-14	6-5	22	11253.7	31385.2	11.6	11254.7	31386.8	24.4	10.1-24.4
ANTON LARSEN BAY 2	4	5-14	6-5	22	11254.6	31386.4	24.2	11254.9	31386.7	25.5	24.2-25.5
ANTON LARSEN BAY 3	8	5-14	6-5	22	11262.6	31390.9	12.7	11265.9	31392.8	20.1	7.6-20.1
SHARATIN BAY 1	30	5-14	6-5	22	11240.2	31391.8	17.0	11244.9	31391.9	15.7	15.7-17.0

-Continued-

Appendix Table 1. 1986 Kodiak king/Dungeness crab survey wheelhouse data log (continued).

AREA & STRING	NUMBER OF POTS	SET	PICKED	# DAYS SOAK	FIRST X LORAN	FIRST Y LORAN	FIRST DEPTH (meters)	LAST X LORAN	LAST Y LORAN	LAST DEPTH (meters)	DEPTH RANGE (meters)
SHARATIN BAY 2	10	5-14	6-5	22	11246.2	31393.1	22.3	11249.8	31394.6	22.9	22.3-22.9
KIZHUYAK BAY 1	25	5-14	6-5	22	11179.1	31370.3	14.4	11178.0	31369.0	22.0	14.4-22.0
KIZHUYAK BAY 2	34	5-14	6-5	22	11185.6	31374.5	11.1	11191.9	31379.8	12.7	9.2-14.8
TERROR BAY 1	22	5-23	7-3	41	32347.2	43380.7	9.2	32337.7	43381.5	51.7	9.2-51.7
TERROR BAY 2	19	5-23	7-3	41	32346.0	43378.4	9.2	32336.9	43385.0	48.0	9.2-48.0
TERROR BAY 3	21	5-23	7-3	41	32336.3	43380.9	51.7	32330.1	43386.0	64.6	51.7-64.6
UGANIK BAY, N.E. ARM	6	4-17	4-23	6	32364.1	43422.1	29.5	32364.8	43427.0	42.5	29.5-42.5
UGANIK BAY, E. ARM 1	5	4-17	4-23	6	32376.9	43470.0	7.4	32375.4	43469.8	5.5	5.5-7.4
UGANIK BAY, E. ARM 2	5	4-17	4-23	6	32375.0	43471.1	7.4	32375.0	43471.8	9.2	7.4-9.2
UGANIK BAY, E. ARM 3	5	4-17	4-23	6	32376.0	43473.5	9.2	32375.0	43472.8	11.1	9.2-11.1
UGANIK BAY, E. ARM 4	5	4-17	4-23	6	32374.6	43473.4	11.1	32375.9	43475.5	11.1	11.1-11.1
UGANIK BAY, E. ARM 5	5	4-17	4-23	6	32376.3	43476.6	12.9	32374.8	43476.4	12.9	12.9-12.9

-Continued-

Appendix Table 1. 1986 Kodiak king/Dungeness crab survey wheelhouse data log (continued).

AREA & STRING	NUMBER OF POTS	SET	PICKED	# DAYS SOAK	FIRST X LORAN	FIRST Y LORAN	FIRST DEPTH (meters)	LAST X LORAN	LAST Y LORAN	LAST DEPTH (meters)	DEPTH RANGE (meters)
UGANIK BAY, E. ARM 6	5	4-17	4-23	6	32374.1	43477.1	14.8	32375.8	43480.0	16.6	14.8-16.6
UGANIK BAY, E. ARM 7	5	4-17	4-23	6	32376.4	43482.0	16.6	32376.4	43481.0	18.5	16.6-18.5
UGANIK BAY, E. ARM 8	5	4-17	4-23	6	32373.5	43482.3	18.5	32375.9	43485.3	20.3	18.5-20.3
UGANIK BAY, E. ARM 9	5	4-17	4-23	6	32375.5	43493.6	27.7	32372.6	43491.9	29.5	27.7-29.5
UGANIK BAY, E. ARM 10	5	4-17	4-23	6	32376.6	43499.3	27.7	32374.4	43494.2	29.5	27.7-29.5
UGANIK BAY, S. ARM 1	10	4-17	4-24	7	32400.0	43471.4	7.4	32398.3	43472.6	14.8	7.4-14.8
UGANIK BAY, S. ARM 2	11	4-17	4-24	7	32392.3	43478.4	29.5	32391.0	43480.0	44.3	29.5-49.8
UGANIK BAY, S. ARM 3	2	4-17	4-24	7	32391.0	43485.8	36.9	32389.7	43486.7	48.0	36.9-48.0
SPIRIDON BAY 1	18	5-15	5-22	7	32412.9	43509.6	14.8	32409.9	43528.7	27.7	14.8-27.7
SPIRIDON BAY 2	18	5-15	5-22	7	32405.0	43515.2	18.5	32411.6	43529.2	33.2	18.5-33.2
ZACHAR BAY 1	18	5-15	5-22	7	32446.2	43550.8	12.9	32445.6	43564.7	29.5	12.9-29.5

-Continued-

Appendix Table 1. 1986 Kodiak king/Dungeness crab survey wheelhouse data log (continued).

AREA & STRING	NUMBER OF POTS	SET	PICKED	# DAYS SOAK	FIRST X LORAN	FIRST Y LORAN	FIRST DEPTH (meters)	LAST X LORAN	LAST Y LORAN	LAST DEPTH (meters)	DEPTH RANGE (meters)
ZACHAR BAY 2	19	5-15	5-22	7	32447.1	43552.9	16.6	32447.0	43568.0	31.4	16.6-31.4
UYAK BAY 1	21	4-24	5-15	21	32491.0	43576.9	53.5	32508.0	43552.5	9.2	9.2-53.5
UYAK BAY 2	21	4-24	5-14	20	32509.0	43553.4	7.4	32492.2	43577.0	57.2	7.4-57.2
UYAK BAY 3	20	4-24	5-14	20	32496.1	43578.3	57.2	32509.0	43557.3	9.2	9.2-57.2
UYAK BAY 4	8	4-24	5-15	21	32487.5	43582.7	64.6	32482.7	43582.8	60.9	60.9-64.6

Appendix Table 2. Number of crabs captured by area, string, and pot from 1986 Kodiak king/Dungeness survey.

			Dungeness					Red king crab								Tanner					
Area	String	Pot Number	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Female	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Juvenile Female	Juv.Fem. Soft	Total Adult Female	Ad.Fem. Soft	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Adult Female	Bait
Kiliuda Bay	1	1	0	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kiliuda Bay	1	2	2	0	18	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kiliuda Bay	1	3	0	0	10	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	squid
Kiliuda Bay	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kiliuda Bay	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kiliuda Bay	1	6	1	1	21	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kiliuda Bay	1	7	3	0	20	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kiliuda Bay	1	8	3	0	13	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kiliuda Bay	1	9	3	0	11	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kiliuda Bay	1	10	0	0	16	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kiliuda Bay	1	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kiliuda Bay	1	12	4	1	14	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kiliuda Bay	1	13	3	0	22	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kiliuda Bay	1	14	3	0	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kiliuda Bay	1	15	0	0	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kiliuda Bay	1	16	4	0	22	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kiliuda Bay	1	17	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kiliuda Bay	1	18	4	1	22	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kiliuda Bay	1	19	2	0	18	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kiliuda Bay	1	20	2	0	14	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
String Total			35	3	252	50	9	0	0	0	0	0	0	0	0	1	0	0	0	2	
Kiliuda Bay	2	1	1	0	21	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kiliuda Bay	2	2	5	0	26	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kiliuda Bay	2	3	3	1	15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kiliuda Bay	2	4	1	0	18	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kiliuda Bay	2	5	1	0	21	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kiliuda Bay	2	6	3	0	36	11	1	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kiliuda Bay	2	7	1	0	34	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kiliuda Bay	2	8	2	0	33	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kiliuda Bay	2	9	1	0	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kiliuda Bay	2	10	0	0	15	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kiliuda Bay	2	11	3	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kiliuda Bay	2	12	3	0	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid

-Continued-

Appendix Table 2. Number of crabs captured by area, string, and pot from 1986 Kodiak king/Dungeness survey (continued).

			Dungeness					Red king crab								Tanner					
Area	String	Pot Number	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Female	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Juvenile Female	Juv.Fem. Soft	Total Adult Female	Ad.Fem. Soft	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Adult Female	Bait
Kiliuda Bay	2	13	1	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kiliuda Bay	2	14	2	0	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kiliuda Bay	2	15	2	0	19	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kiliuda Bay	2	16	2	1	17	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kiliuda Bay	2	17	3	2	19	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kiliuda Bay	2	18	1	0	25	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kiliuda Bay	2	19	1	0	17	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kiliuda Bay	2	20	4	3	19	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
String Total			40	7	406	65	2	0	0	0	0	0	0	0	0	0	0	0	0	2	
Tanginak Anchorage	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Tanginak Anchorage	1	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Tanginak Anchorage	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Tanginak Anchorage	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Tanginak Anchorage	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Tanginak Anchorage	1	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Tanginak Anchorage	1	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Tanginak Anchorage	1	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Tanginak Anchorage	1	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Tanginak Anchorage	1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Tanginak Anchorage	1	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Tanginak Anchorage	1	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Tanginak Anchorage	1	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Tanginak Anchorage	1	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Tanginak Anchorage	1	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Tanginak Anchorage	1	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Tanginak Anchorage	1	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Tanginak Anchorage	1	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Tanginak Anchorage	1	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Tanginak Anchorage	1	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Tanginak Anchorage	1	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Tanginak Anchorage	1	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Tanginak Anchorage	1	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Tanginak Anchorage	1	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid

-Continued-

Appendix Table 2. Number of crabs captured by area, string, and pot from 1986 Kodiak king/Dungeness survey (continued).

			Dungeness					Red king crab								Tanner					
Area	String	Pot Number	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Female	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Juvenile Female	Juv.Fem. Soft	Total Adult Female	Ad.Fem. Soft	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Adult Female	Bait
Tanginak Anchorage	1	25	4	0	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
String Total			4	0	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
Dog Bay	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Dog Bay	1	2	2	1	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Dog Bay	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Dog Bay	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Dog Bay	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
String Total			2	1	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
Shearwater Bay	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Shearwater Bay	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Shearwater Bay	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Shearwater Bay	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Shearwater Bay	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Shearwater Bay	1	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Shearwater Bay	1	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Shearwater Bay	1	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Shearwater Bay	1	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Shearwater Bay	1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Shearwater Bay	1	11	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Shearwater Bay	1	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Shearwater Bay	1	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Shearwater Bay	1	14	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Shearwater Bay	1	15	2	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Shearwater Bay	1	16	2	0	14	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Shearwater Bay	1	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Shearwater Bay	1	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Shearwater Bay	1	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Shearwater Bay	1	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Shearwater Bay	1	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Shearwater Bay	1	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Shearwater Bay	1	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams

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Appendix Table 2. Number of crabs captured by area, string, and pot from 1986 Kodiak king/Dungeness survey (continued).

Area	String	Pot Number	Dungeness Total Sublegal	Dungeness Sublegal Soft	Dungeness Total Legal	Dungeness Legal Soft	Dungeness Total Female	Red king crab Total Sublegal	Red king crab Sublegal Soft	Red king crab Total Legal	Red king crab Legal Soft	Red king crab Total Juvenile Female	Red king crab Juv.Fem. Soft	Red king crab Total Adult Female	Red king crab Ad.Fem. Soft	Tanner Total Sublegal	Tanner Sublegal Soft	Tanner Total Legal	Tanner Legal Soft	Tanner Adult Female	Bait
Shearwater Bay	1	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Shearwater Bay	1	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
String Total			5	0	21	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	
Santa Flavia Bay	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Santa Flavia Bay	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Santa Flavia Bay	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Santa Flavia Bay	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Santa Flavia Bay	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Santa Flavia Bay	1	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Santa Flavia Bay	1	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Santa Flavia Bay	1	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Santa Flavia Bay	1	9	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Santa Flavia Bay	1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Santa Flavia Bay	1	11	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Santa Flavia Bay	1	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Santa Flavia Bay	1	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Santa Flavia Bay	1	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
String Total			0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
Boulder Bay	1	1	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Boulder Bay	1	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Boulder Bay	1	3	3	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Boulder Bay	1	4	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Boulder Bay	1	5	4	0	11	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Boulder Bay	1	6	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Boulder Bay	1	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Boulder Bay	1	8	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Boulder Bay	1	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Boulder Bay	1	10	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Boulder Bay	1	11	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Boulder Bay	1	12	1	0	7	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Boulder Bay	1	13	1	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams

-Continued-

Appendix Table 2. Number of crabs captured by area, string, and pot from 1986 Kodiak king/Dungeness survey (continued).

			Dungeness					Red king crab								Tanner					
Area	String	Pot Number	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Female	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Juvenile Female	Juv.Fem. Soft	Total Adult Female	Ad.Fem. Soft	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Adult Female	Bait
Boulder Bay	1	14	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Boulder Bay	1	15	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
String Total			12	0	32	11	3	0	0	0	0	0	0	0	0	0	0	0	0	0	
Ugak Bay, S.W. Arm	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Ugak Bay, S.W. Arm	1	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Ugak Bay, S.W. Arm	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Ugak Bay, S.W. Arm	1	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Ugak Bay, S.W. Arm	1	3	0	0	1	1	2	1	0	0	0	0	0	0	0	1	0	1	0	0	squid
Ugak Bay, S.W. Arm	1	4	0	0	0	0	1	0	0	0	0	0	0	0	0	6	0	0	0	0	clams
Ugak Bay, S.W. Arm	1	5	0	0	0	0	3	0	0	0	0	0	0	0	0	4	0	0	0	0	clams
Ugak Bay, S.W. Arm	1	6	0	0	0	0	3	1	0	0	0	0	0	1	0	0	0	0	0	0	squid
Ugak Bay, S.W. Arm	1	7	2	2	2	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Ugak Bay, S.W. Arm	1	8	0	0	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Ugak Bay, S.W. Arm	1	9	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Ugak Bay, S.W. Arm	1	10	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Ugak Bay, S.W. Arm	1	11	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Ugak Bay, S.W. Arm	1	12	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	clams
Ugak Bay, S.W. Arm	1	13	0	0	0	0	0	3	0	0	0	7	0	1	0	0	0	2	1	0	squid
Ugak Bay, S.W. Arm	1	14	0	0	0	0	0	4	0	0	0	1	0	2	0	0	0	2	2	0	clams
Ugak Bay, S.W. Arm	1	15	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	clams
Ugak Bay, S.W. Arm	1	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Ugak Bay, S.W. Arm	1	17	0	0	0	0	0	1	0	0	0	0	0	0	0	2	0	2	2	0	squid
Ugak Bay, S.W. Arm	1	18	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Ugak Bay, S.W. Arm	1	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Ugak Bay, S.W. Arm	1	20	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Ugak Bay, S.W. Arm	1	21	0	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
String Total			2	2	12	3	28	11	0	0	0	8	0	4	0	15	0	7	5	0	
Hidden Basin	1	1	0	0	16	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Hidden Basin	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Hidden Basin	1	3	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Hidden Basin	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid

-Continued-

Appendix Table 2. Number of crabs captured by area, string, and pot from 1986 Kodiak king/Dungeness survey (continued).

			Dungeness					Red king crab								Tanner					
Area	String	Pot Number	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Female	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Juvenile Female	Juv.Fem. Soft	Total Adult Female	Ad.Fem. Soft	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Adult Female	Bait
Hidden Basin	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Hidden Basin	1	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Hidden Basin	1	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Hidden Basin	1	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Hidden Basin	1	9	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Hidden Basin	1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
String Total			0	0	20	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
Saltery Cove	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Saltery Cove	1	2	3	0	1	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Saltery Cove	1	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Saltery Cove	1	4	0	0	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Saltery Cove	1	5	0	0	5	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Saltery Cove	1	6	0	0	3	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Saltery Cove	1	7	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Saltery Cove	1	8	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Saltery Cove	1	9	3	1	7	4	5	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Saltery Cove	1	10	4	0	3	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Saltery Cove	1	11	1	1	3	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Saltery Cove	1	12	0	0	3	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Saltery Cove	1	13	4	1	7	7	5	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Saltery Cove	1	14	0	0	1	1	9	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Saltery Cove	1	15	2	2	1	1	14	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Saltery Cove	1	16	1	0	1	1	15	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
String Total			21	5	39	23	74	0	0	0	0	0	0	0	0	0	0	0	0	0	
Portage Bay	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Portage Bay	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Portage Bay	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Portage Bay	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Portage Bay	1	5	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Portage Bay	1	6	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Portage Bay	1	7	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	clams

-Continued-

Appendix Table 2. Number of crabs captured by area, string, and pot from 1986 Kodiak king/Dungeness survey (continued).

			Dungeness					Red king crab								Tanner					
Area	String	Pot Number	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Female	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Juvenile Female	Juv.Fem. Soft	Total Adult Female	Ad.Fem. Soft	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Adult Female	Bait
Portage Bay	1	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Portage Bay	1	9	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Portage Bay	1	10	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Portage Bay	1	11	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Portage Bay	1	12	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Portage Bay	1	13	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Portage Bay	1	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Portage Bay	1	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
String Total			2	0	7	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
Pasagshak Bay	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Pasagshak Bay	1	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Pasagshak Bay	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Pasagshak Bay	1	4	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Pasagshak Bay	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Pasagshak Bay	1	6	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Pasagshak Bay	1	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Pasagshak Bay	1	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Pasagshak Bay	1	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Pasagshak Bay	1	10	3	0	4	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Pasagshak Bay	1	11	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Pasagshak Bay	1	12	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Pasagshak Bay	1	13	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Pasagshak Bay	1	14	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Pasagshak Bay	1	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
String Total			6	0	11	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	
Fossil Beach	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Fossil Beach	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Fossil Beach	1	3	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Fossil Beach	1	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Fossil Beach	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Fossil Beach	1	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid

-Continued-

Appendix Table 2. Number of crabs captured by area, string, and pot from 1986 Kodiak king/Dungeness survey (continued).

			Dungeness					Red king crab								Tanner					
Area	String	Pot Number	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Female	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Juvenile Female	Juv.Fem. Soft	Total Adult Female	Ad.Fem. Soft	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Adult Female	Bait
Fossil Beach	1	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Fossil Beach	1	8	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Fossil Beach	1	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Fossil Beach	1	10	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Fossil Beach	1	11	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Fossil Beach	1	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Fossil Beach	1	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Fossil Beach	1	14	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Fossil Beach	1	15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Fossil Beach	1	16	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Fossil Beach	1	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Fossil Beach	1	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Fossil Beach	1	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Fossil Beach	1	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Fossil Beach	1	21	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
String Total			4	0	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Sacramento	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Sacramento	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Sacramento	1	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Sacramento	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Sacramento	1	5	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Sacramento	1	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Sacramento	1	7	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Sacramento	1	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Sacramento	1	9	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Sacramento	1	10	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Sacramento	1	11	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Sacramento	1	12	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Sacramento	1	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Sacramento	1	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Sacramento	1	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Sacramento	1	16	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Sacramento	1	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid

-Continued-

Appendix Table 2. Number of crabs captured by area, string, and pot from 1986 Kodiak king/Dungeness survey (continued).

			Dungeness					Red king crab								Tanner					
Area	String	Pot Number	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Female	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Juvenile Female	Juv.Fem. Soft	Total Adult Female	Ad.Fem. Soft	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Adult Female	Bait
Sacramento	1	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Sacramento	1	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Sacramento	1	20	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Sacramento	1	21	1	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Sacramento	1	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Sacramento	1	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Sacramento	1	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Sacramento	1	25	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Sacramento	1	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Sacramento	1	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Sacramento	1	28	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Sacramento	1	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Sacramento	1	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
String Total			6	2	15	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Kalsin Bay	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kalsin Bay	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kalsin Bay	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kalsin Bay	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kalsin Bay	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kalsin Bay	1	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kalsin Bay	1	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kalsin Bay	1	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kalsin Bay	1	9	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kalsin Bay	1	10	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kalsin Bay	1	11	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kalsin Bay	1	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kalsin Bay	1	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kalsin Bay	1	14	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kalsin Bay	1	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kalsin Bay	1	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kalsin Bay	1	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kalsin Bay	1	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kalsin Bay	1	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams

-Continued-

Appendix Table 2. Number of crabs captured by area, string, and pot from 1986 Kodiak king/Dungeness survey (continued).

			Dungeness					Red king crab								Tanner					
Area	String	Pot Number	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Female	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Juvenile Female	Juv.Fem. Soft	Total Adult Female	Ad.Fem. Soft	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Adult Female	Bait
Kalsin Bay	1	20	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kalsin Bay	1	21	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kalsin Bay	1	22	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kalsin Bay	1	23	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kalsin Bay	1	24	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kalsin Bay	1	25	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kalsin Bay	1	26	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kalsin Bay	1	27	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kalsin Bay	1	28	0	0	9	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kalsin Bay	1	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kalsin Bay	1	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kalsin Bay	1	31	0	0	0	0	1	9	0	0	0	2	0	0	0	0	0	0	0	0	clams
Kalsin Bay	1	32	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kalsin Bay	1	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kalsin Bay	1	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kalsin Bay	1	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kalsin Bay	1	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kalsin Bay	1	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kalsin Bay	1	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
String Total			0	0	22	1	8	10	0	0	0	2	0	0	0	0	0	0	0	0	
Middle Bay	1	1	0	0	2	1	17	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Middle Bay	1	2	6	1	6	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Middle Bay	1	3	1	1	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Middle Bay	1	4	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Middle Bay	1	5	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Middle Bay	1	6	0	0	1	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Middle Bay	1	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Middle Bay	1	8	0	0	1	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Middle Bay	1	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Middle Bay	1	10	0	0	0	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Middle Bay	1	11	0	0	8	1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Middle Bay	1	12	2	0	4	2	30	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Middle Bay	1	13	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	clams

-Continued-

Appendix Table 2. Number of crabs captured by area, string, and pot from 1986 Kodiak king/Dungeness survey (continued).

			Dungeness					Red king crab								Tanner					
Area	String	Pot Number	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Female	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Juvenile Female	Juv.Fem. Soft	Total Adult Female	Ad.Fem. Soft	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Adult Female	Bait
Middle Bay	1	14	0	0	2	2	9	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Middle Bay	1	15	0	0	5	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Middle Bay	1	16	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Middle Bay	1	17	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
String Total			9	2	29	11	136	0	0	0	0	0	0	0	0	0	0	0	0	0	
Middle Bay	2	1	0	0	3	3	10	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Middle Bay	2	2	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Middle Bay	2	3	0	0	0	0	2	7	0	0	0	0	0	0	0	0	0	0	0	0	squid
Middle Bay	2	4	0	0	0	0	2	8	0	0	0	2	0	0	0	0	0	0	0	0	squid
Middle Bay	2	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Middle Bay	2	6	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Middle Bay	2	7	0	0	0	0	0	13	0	0	0	10	0	3	0	0	0	0	0	0	squid
Middle Bay	2	8	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Middle Bay	2	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Middle Bay	2	10	0	0	0	0	0	18	0	0	0	10	0	4	0	0	0	0	0	0	squid
Middle Bay	2	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Middle Bay	2	12	0	0	0	0	0	8	0	0	0	6	0	0	0	0	0	0	0	0	squid
Middle Bay	2	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Middle Bay	2	14	0	0	0	0	2	16	0	0	0	0	0	0	0	0	0	0	0	0	squid
Middle Bay	2	15	1	1	1	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Middle Bay	2	16	0	0	1	0	9	1	0	0	0	0	0	0	0	0	0	0	0	0	squid
Middle Bay	2	17	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Middle Bay	2	18	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Middle Bay	2	19	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Middle Bay	2	20	0	0	0	0	29	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Middle Bay	2	21	0	0	0	0	31	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Middle Bay	2	22	0	0	0	0	1	11	0	0	0	0	0	0	0	0	0	0	0	0	squid
Middle Bay	2	23	0	0	5	3	17	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
String Total			1	1	11	8	128	82	0	0	0	28	0	7	0	0	0	0	0	0	
Womens Bay	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Womens Bay	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	squid

-Continued-

Appendix Table 2. Number of crabs captured by area, string, and pot from 1986 Kodiak king/Dungeness survey (continued).

			Dungeness					Red king crab								Tanner					
Area	String	Pot Number	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Female	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Juvenile Female	Juv.Fem. Soft	Total Adult Female	Ad.Fem. Soft	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Adult Female	Bait
Womens Bay	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Womens Bay	1	4	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	squid
Womens Bay	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Womens Bay	1	6	0	0	0	0	2	0	0	0	0	0	0	0	0	1	0	0	0	0	squid
Womens Bay	1	7	0	0	0	0	1	0	0	0	0	0	0	0	0	3	0	0	0	0	clams
Womens Bay	1	8	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	squid
Womens Bay	1	9	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Womens Bay	1	10	0	0	0	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	squid
Womens Bay	1	11	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	clams
Womens Bay	1	12	0	0	0	0	1	1	0	0	0	0	0	1	0	7	0	0	0	0	squid
Womens Bay	1	13	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	2	0	squid
Womens Bay	1	14	0	0	3	1	17	0	0	0	0	0	0	0	0	6	0	0	0	0	squid
Womens Bay	1	15	0	0	4	1	6	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Womens Bay	1	16	0	0	0	0	5	0	0	0	0	0	0	0	0	1	0	0	0	0	squid
Womens Bay	1	17	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	clams
Womens Bay	1	18	0	0	0	0	0	0	0	0	0	0	0	0	0	7	3	1	1	0	squid
Womens Bay	1	19	0	0	0	0	2	0	0	0	0	0	0	0	0	3	0	0	0	0	clams
Womens Bay	1	20	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	squid
Womens Bay	1	21	0	0	2	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Womens Bay	1	22	0	0	1	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Womens Bay	1	23	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Womens Bay	1	24	0	0	0	0	1	0	0	0	0	0	0	0	0	2	1	0	0	0	squid
Womens Bay	1	25	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Womens Bay	1	26	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	squid
Womens Bay	1	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Womens Bay	1	28	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Womens Bay	1	29	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	clams
String Total			1	1	10	2	64	1	0	0	0	0	0	1	0	47	4	1	1	1	
Buskin Beach	1	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Buskin Beach	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Buskin Beach	1	3	1	0	3	0	8	0	0	0	0	0	0	0	0	1	0	0	0	0	clams
Buskin Beach	1	4	0	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Buskin Beach	1	5	0	0	1	1	20	0	0	0	0	0	0	0	0	0	0	0	0	0	squid

-Continued-

Appendix Table 2. Number of crabs captured by area, string, and pot from 1986 Kodiak king/Dungeness survey (continued).

			Dungeness					Red king crab								Tanner					
Area	String	Pot Number	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Female	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Juvenile Female	Juv.Fem. Soft	Total Adult Female	Ad.Fem. Soft	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Adult Female	Bait
Buskin Beach	1	6	0	0	0	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Buskin Beach	1	7	0	0	0	0	23	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Buskin Beach	1	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Buskin Beach	1	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Buskin Beach	1	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Buskin Beach	1	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Buskin Beach	1	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Buskin Beach	1	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Buskin Beach	1	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Buskin Beach	1	15	0	0	0	0	19	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Buskin Beach	1	16	0	0	6	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
String Total			2	0	11	2	112	0	0	0	0	0	0	0	0	1	0	0	0	1	
Anton Larsen Bay	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Anton Larsen Bay	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Anton Larsen Bay	1	3	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Anton Larsen Bay	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Anton Larsen Bay	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	squid
Anton Larsen Bay	1	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Anton Larsen Bay	1	7	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Anton Larsen Bay	1	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Anton Larsen Bay	1	9	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Anton Larsen Bay	1	10	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	clams
Anton Larsen Bay	1	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
String Total			0	0	2	0	4	0	0	0	0	0	0	0	0	2	0	0	0	2	
Anton Larsen Bay	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Anton Larsen Bay	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Anton Larsen Bay	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Anton Larsen Bay	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
String Total			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	

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Appendix Table 2. Number of crabs captured by area, string, and pot from 1986 Kodiak king/Dungeness survey (continued).

			Dungeness					Red king crab								Tanner					
Area	String	Pot Number	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Female	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Juvenile Female	Juv.Fem. Soft	Total Adult Female	Ad.Fem. Soft	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Adult Female	Bait
Anton Larsen Bay	3	1	0	0	2	2	2	0	0	0	0	0	0	0	0	3	1	3	0	0	squid
Anton Larsen Bay	3	2	1	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Anton Larsen Bay	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Anton Larsen Bay	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Anton Larsen Bay	3	5	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Anton Larsen Bay	3	6	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Anton Larsen Bay	3	7	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Anton Larsen Bay	3	8	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
String Total			2	0	7	3	9	0	0	0	0	0	0	0	0	3	1	3	0	2	
Sharatin Bay	1	1	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Sharatin Bay	1	2	3	0	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Sharatin Bay	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Sharatin Bay	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Sharatin Bay	1	5	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Sharatin Bay	1	6	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Sharatin Bay	1	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Sharatin Bay	1	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Sharatin Bay	1	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Sharatin Bay	1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Sharatin Bay	1	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Sharatin Bay	1	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Sharatin Bay	1	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Sharatin Bay	1	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Sharatin Bay	1	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Sharatin Bay	1	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Sharatin Bay	1	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Sharatin Bay	1	18	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Sharatin Bay	1	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Sharatin Bay	1	20	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Sharatin Bay	1	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Sharatin Bay	1	22	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Sharatin Bay	1	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid

-Continued-

Appendix Table 2. Number of crabs captured by area, string, and pot from 1986 Kodiak king/Dungeness survey (continued).

			Dungeness					Red king crab								Tanner					
Area	String	Pot Number	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Female	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Juvenile Female	Juv.Fem. Soft	Total Adult Female	Ad.Fem. Soft	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Adult Female	Bait
Sharatin Bay	1	24	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Sharatin Bay	1	25	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Sharatin Bay	1	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Sharatin Bay	1	27	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Sharatin Bay	1	28	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Sharatin Bay	1	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Sharatin Bay	1	30	2	1	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
String Total			10	2	7	1	13	0	0	0	0	0	0	0	0	0	0	0	0	2	
Sharatin Bay	2	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Sharatin Bay	2	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Sharatin Bay	2	3	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Sharatin Bay	2	4	2	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Sharatin Bay	2	5	4	4	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Sharatin Bay	2	6	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Sharatin Bay	2	7	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Sharatin Bay	2	8	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Sharatin Bay	2	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Sharatin Bay	2	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
String Total			6	4	2	1	15	0	0	0	0	0	0	0	0	0	0	0	0	2	
Kizhuyak Bay	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kizhuyak Bay	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kizhuyak Bay	1	3	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kizhuyak Bay	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kizhuyak Bay	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kizhuyak Bay	1	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kizhuyak Bay	1	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kizhuyak Bay	1	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kizhuyak Bay	1	9	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kizhuyak Bay	1	10	1	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kizhuyak Bay	1	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kizhuyak Bay	1	12	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams

-Continued-

Appendix Table 2. Number of crabs captured by area, string, and pot from 1986 Kodiak king/Dungeness survey (continued).

			Dungeness					Red king crab								Tanner					
Area	String	Pot Number	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Female	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Juvenile Female	Juv.Fem. Soft	Total Adult Female	Ad.Fem. Soft	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Adult Female	Bait
Kizhuyak Bay	1	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kizhuyak Bay	1	14	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kizhuyak Bay	1	15	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kizhuyak Bay	1	16	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kizhuyak Bay	1	17	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kizhuyak Bay	1	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kizhuyak Bay	1	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kizhuyak Bay	1	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kizhuyak Bay	1	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kizhuyak Bay	1	22	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kizhuyak Bay	1	23	1	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kizhuyak Bay	1	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kizhuyak Bay	1	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
String Total			4	2	11	4	5	0	0	0	0	0	0	0	0	0	0	0	0	2	
Kizhuyak Bay	2	1	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kizhuyak Bay	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kizhuyak Bay	2	3	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kizhuyak Bay	2	4	2	0	4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kizhuyak Bay	2	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kizhuyak Bay	2	6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kizhuyak Bay	2	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kizhuyak Bay	2	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kizhuyak Bay	2	9	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kizhuyak Bay	2	10	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kizhuyak Bay	2	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kizhuyak Bay	2	12	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kizhuyak Bay	2	13	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kizhuyak Bay	2	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kizhuyak Bay	2	15	0	0	0	0	1	4	0	0	0	0	0	2	1	0	0	0	0	0	squid
Kizhuyak Bay	2	16	0	0	2	0	0	0	0	0	0	0	0	4	4	0	0	0	0	0	clams
Kizhuyak Bay	2	17	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	squid
Kizhuyak Bay	2	18	0	0	0	0	0	6	0	0	0	0	0	2	2	0	0	0	0	0	clams
Kizhuyak Bay	2	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams

-Continued-

Appendix Table 2. Number of crabs captured by area, string, and pot from 1986 Kodiak king/Dungeness survey (continued).

			Dungeness					Red king crab								Tanner					
Area	String	Pot Number	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Female	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Juvenile Female	Juv.Fem. Soft	Total Adult Female	Ad.Fem. Soft	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Adult Female	Bait
Kizhuyak Bay	2	20	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kizhuyak Bay	2	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kizhuyak Bay	2	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kizhuyak Bay	2	23	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	squid
Kizhuyak Bay	2	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kizhuyak Bay	2	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kizhuyak Bay	2	26	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kizhuyak Bay	2	27	2	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kizhuyak Bay	2	28	1	0	6	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kizhuyak Bay	2	29	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kizhuyak Bay	2	30	0	0	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kizhuyak Bay	2	31	1	0	12	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kizhuyak Bay	2	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	clams
Kizhuyak Bay	2	33	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Kizhuyak Bay	2	34	0	0	0	0	0	13	0	0	0	0	0	1	1	0	0	0	0	0	clams
String Total			13	0	46	12	6	43	0	0	0	0	0	12	10	0	0	0	0	2	
Terror Bay	1	1	0	0	0	0	5	1	0	0	0	0	0	0	0	0	0	0	0	0	squid
Terror Bay	1	2	0	0	11	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Terror Bay	1	3	1	0	2	0	6	1	0	0	0	0	0	0	0	0	0	0	0	0	squid
Terror Bay	1	4	8	0	9	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Terror Bay	1	5	0	0	7	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Terror Bay	1	6	1	0	10	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	squid
Terror Bay	1	7	0	0	5	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Terror Bay	1	8	5	0	8	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Terror Bay	1	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Terror Bay	1	10	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Terror Bay	1	11	1	0	2	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Terror Bay	1	12	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Terror Bay	1	13	1	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Terror Bay	1	14	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Terror Bay	1	15	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	squid

-Continued-

Appendix Table 2. Number of crabs captured by area, string, and pot from 1986 Kodiak king/Dungeness survey (continued).

			Dungeness					Red king crab								Tanner					
Area	String	Pot Number	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Female	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Juvenile Female	Juv.Fem. Soft	Total Adult Female	Ad.Fem. Soft	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Adult Female	Bait
Terror Bay	1	16	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Terror Bay	1	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Terror Bay	1	18	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Terror Bay	1	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	squid
Terror Bay	1	20	0	0	0	0	0	1	0	0	0	0	0	4	0	1	0	0	0	0	squid
Terror Bay	1	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Terror Bay	1	22	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
String Total			24	* 0	67	* 0	38	6	0	0	0	0	0	4	0	1	0	0	0	3	
Terror Bay	2	1	5	0	4	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Terror Bay	2	2	1	0	5	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Terror Bay	2	3	0	0	3	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Terror Bay	2	4	1	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Terror Bay	2	5	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Terror Bay	2	6	2	0	5	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Terror Bay	2	7	1	0	4	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Terror Bay	2	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Terror Bay	2	9	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Terror Bay	2	10	0	0	4	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Terror Bay	2	11	4	0	6	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Terror Bay	2	12	0	0	1	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0	squid
Terror Bay	2	13	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Terror Bay	2	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Terror Bay	2	15	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Terror Bay	2	16	0	0	4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Terror Bay	2	17	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Terror Bay	2	18	0	0	0	0	0	4	0	0	0	0	0	2	0	0	0	0	0	0	squid
Terror Bay	2	19	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	0	0	squid
String Total			15	* 0	44	* 0	45	6	0	0	0	0	0	6	0	0	0	0	0	3	
Terror Bay	3	1	0	0	0	0	0	1	0	0	0	3	0	2	0	0	0	0	0	0	squid
Terror Bay	3	2	0	0	0	0	0	5	0	0	0	4	0	4	0	0	0	0	0	0	squid
Terror Bay	3	3	1	0	0	0	7	1	0	0	0	1	0	0	0	0	0	0	0	0	squid

Appendix Table 2. Number of crabs captured by area, string, and pot from 1986 Kodiak king/Dungeness survey (continued).

Area	String	Pot Number	Dungeness Total Sublegal	Dungeness Sublegal Soft	Dungeness Total Legal	Dungeness Legal Soft	Dungeness Total Female	Red king crab Total Sublegal	Red king crab Sublegal Soft	Red king crab Total Legal	Red king crab Legal Soft	Red king crab Total Juvenile Female	Red king crab Juv.Fem. Soft	Red king crab Total Adult Female	Red king crab Ad.Fem. Soft	Tanner Total Sublegal	Tanner Sublegal Soft	Tanner Total Legal	Tanner Legal Soft	Tanner Adult Female	Bait
Terror Bay	3	4	0	0	0	0	0	3	0	0	0	7	0	2	0	0	0	0	0	0	squid
Terror Bay	3	5	0	0	0	0	2	2	0	0	0	4	0	0	0	0	0	0	0	0	squid
Terror Bay	3	6	0	0	0	0	0	3	0	0	0	5	0	5	0	0	0	0	0	0	squid
Terror Bay	3	7	0	0	0	0	0	7	0	0	0	1	0	2	0	0	0	0	0	0	squid
Terror Bay	3	8	0	0	0	0	0	2	0	0	0	3	0	1	0	0	0	2	0	0	squid
Terror Bay	3	9	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	squid
Terror Bay	3	10	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	squid
Terror Bay	3	11	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	1	0	0	squid
Terror Bay	3	12	1	0	0	0	0	2	0	0	0	4	0	3	0	1	0	1	0	0	squid
Terror Bay	3	13	0	0	0	0	0	7	0	0	0	3	0	1	0	0	0	0	0	0	squid
Terror Bay	3	14	0	0	0	0	0	8	0	0	0	3	0	1	0	0	0	0	0	0	squid
Terror Bay	3	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Terror Bay	3	16	0	0	0	0	0	6	0	0	0	2	0	1	0	4	0	1	0	0	squid
Terror Bay	3	17	0	0	0	0	0	1	0	0	0	0	0	4	0	0	0	0	0	0	squid
Terror Bay	3	18	0	0	0	0	0	4	0	0	0	5	0	0	0	1	0	1	0	0	squid
Terror Bay	3	19	0	0	0	0	0	8	0	0	0	3	0	2	0	0	0	0	0	0	squid
Terror Bay	3	20	0	0	0	0	0	13	0	0	0	5	0	3	0	0	0	0	0	0	squid
Terror Bay	3	21	0	0	0	0	1	2	0	0	0	1	0	0	0	0	0	0	0	0	squid
String Total			2	* 0	0	* 0	10	77	0	0	0	55	0	31	0	9	0	8	0	1	
Uganik Bay, N.E. A	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, N.E. A	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, N.E. A	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, N.E. A	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, N.E. A	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, N.E. A	1	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
String Total			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Uganik Bay, E. Arm	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, E. Arm	1	2	1	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, E. Arm	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, E. Arm	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid

-Continued-

Appendix Table 2. Number of crabs captured by area, string, and pot from 1986 Kodiak king/Dungeness survey (continued).

			Dungeness					Red king crab								Tanner					
Area	String	Pot Number	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Female	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Juvenile Female	Juv.Fem. Soft	Total Adult Female	Ad.Fem. Soft	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Adult Female	Bait
Uganik Bay, E. Arm	1	5	1	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
String Total			2	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	1	
Uganik Bay, E. Arm	2	1	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, E. Arm	2	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, E. Arm	2	3	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, E. Arm	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, E. Arm	2	5	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
String Total			0	0	0	0	16	0	0	0	0	0	0	0	0	0	0	0	0	1	
Uganik Bay, E. Arm	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, E. Arm	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, E. Arm	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, E. Arm	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, E. Arm	3	5	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
String Total			0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	1	
Uganik Bay, E. Arm	4	1	0	0	1	0	19	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, E. Arm	4	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, E. Arm	4	3	0	0	1	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, E. Arm	4	4	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, E. Arm	4	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
String Total			0	0	2	1	27	0	0	0	0	0	0	0	0	0	0	0	0	1	
Uganik Bay, E. Arm	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, E. Arm	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, E. Arm	5	3	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, E. Arm	5	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, E. Arm	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
String Total			0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	

-Continued-

Appendix Table 2. Number of crabs captured by area, string, and pot from 1986 Kodiak king/Dungeness survey (continued).

			Dungeness					Red king crab								Tanner					
Area	String	Pot Number	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Female	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Juvenile Female	Juv.Fem. Soft	Total Adult Female	Ad.Fem. Soft	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Adult Female	Bait
Uganik Bay, E. Arm	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, E. Arm	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, E. Arm	6	3	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, E. Arm	6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, E. Arm	6	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
String Total			0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	
Uganik Bay, E. Arm	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, E. Arm	7	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, E. Arm	7	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, E. Arm	7	4	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, E. Arm	7	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
String Total			0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	
Uganik Bay, E. Arm	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, E. Arm	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, E. Arm	8	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, E. Arm	8	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, E. Arm	8	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
String Total			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Uganik Bay, E. Arm	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, E. Arm	9	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, E. Arm	9	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, E. Arm	9	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, E. Arm	9	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
String Total			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Uganik Bay, E. Arm	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, E. Arm	10	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid

-Continued-

Appendix Table 2. Number of crabs captured by area, string, and pot from 1986 Kodiak king/Dungeness survey (continued).

			Dungeness					Red king crab								Tanner					
Area	String	Pot Number	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Female	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Juvenile Female	Juv.Fem. Soft	Total Adult Female	Ad.Fem. Soft	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Adult Female	Bait
Uganik Bay, E. Arm	10	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, E. Arm	10	4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	squid
Uganik Bay, E. Arm	10	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
String Total			0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	
Uganik Bay, S. Arm	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, S. Arm	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, S. Arm	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, S. Arm	1	4	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, S. Arm	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, S. Arm	1	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, S. Arm	1	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, S. Arm	1	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, S. Arm	1	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, S. Arm	1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
String Total			0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1	
Uganik Bay, S. Arm	2	1	0	0	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, S. Arm	2	2	1	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, S. Arm	2	3	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, S. Arm	2	4	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, S. Arm	2	5	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, S. Arm	2	6	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, S. Arm	2	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, S. Arm	2	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, S. Arm	2	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, S. Arm	2	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, S. Arm	2	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
String Total			1	0	1	0	23	0	0	0	0	0	0	0	0	0	0	0	0	1	
Uganik Bay, S. Arm	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uganik Bay, S. Arm	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid

-Continued-

Appendix Table 2. Number of crabs captured by area, string, and pot from 1986 Kodiak king/Dungeness survey (continued).

Area	String	Pot Number	Dungeness Total Sublegal	Dungeness Sublegal Soft	Dungeness Total Legal	Dungeness Legal Soft	Dungeness Total Female	Red king crab Total Sublegal	Red king crab Sublegal Soft	Red king crab Total Legal	Red king crab Legal Soft	Red king crab Total Juvenile Female	Red king crab Juv.Fem. Soft	Red king crab Total Adult Female	Red king crab Ad.Fem. Soft	Tanner Total Sublegal	Tanner Sublegal Soft	Tanner Total Legal	Tanner Legal Soft	Tanner Adult Female	Bait
String Total			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Spiridon Bay	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Spiridon Bay	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Spiridon Bay	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Spiridon Bay	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Spiridon Bay	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Spiridon Bay	1	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Spiridon Bay	1	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Spiridon Bay	1	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Spiridon Bay	1	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Spiridon Bay	1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Spiridon Bay	1	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Spiridon Bay	1	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Spiridon Bay	1	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Spiridon Bay	1	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Spiridon Bay	1	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Spiridon Bay	1	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Spiridon Bay	1	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Spiridon Bay	1	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
String Total			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Spiridon Bay	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Spiridon Bay	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Spiridon Bay	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Spiridon Bay	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Spiridon Bay	2	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Spiridon Bay	2	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Spiridon Bay	2	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Spiridon Bay	2	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Spiridon Bay	2	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Spiridon Bay	2	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Spiridon Bay	2	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid

-Continued-

Appendix Table 2. Number of crabs captured by area, string, and pot from 1986 Kodiak king/Dungeness survey (continued).

			Dungeness					Rec king crab								Tanner					
Area	String	Pot Number	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Female	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Juvenile Female	Juv.Fem. Soft	Total Adult Female	Ad.Fem. Soft	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Adult Female	Bait
Spiridon Bay	2	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Spiridon Bay	2	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Spiridon Bay	2	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Spiridon Bay	2	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Spiridon Bay	2	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Spiridon Bay	2	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Spiridon Bay	2	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
String Total			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Zachar Bay	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Zachar Bay	1	2	2	1	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Zachar Bay	1	3	1	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Zachar Bay	1	4	1	0	0	0	0	11	0	0	0	4	0	2	0	0	0	0	0	0	squid
Zachar Bay	1	5	4	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Zachar Bay	1	6	3	1	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Zachar Bay	1	7	4	1	2	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Zachar Bay	1	8	2	2	3	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Zachar Bay	1	9	1	1	2	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Zachar Bay	1	10	3	1	3	3	6	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Zachar Bay	1	11	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Zachar Bay	1	12	0	0	1	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Zachar Bay	1	13	1	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Zachar Bay	1	14	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Zachar Bay	1	15	1	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Zachar Bay	1	16	3	3	1	1	6	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Zachar Bay	1	17	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Zachar Bay	1	18	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
String Total			26	10	14	9	86	11	0	0	0	4	0	2	0	0	0	0	0	1	
Zachar Bay	2	1	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Zachar Bay	2	2	1	1	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Zachar Bay	2	3	13	5	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Zachar Bay	2	4	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid

-Continued-

Appendix Table 2. Number of crabs captured by area, string, and pot from 1986 Kodiak king/Dungeness survey (continued).

			Dungeness					Red king crab								Tanner					
Area	String	Pot Number	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Female	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Juvenile Female	Juv.Fem. Soft	Total Adult Female	Ad.Fem. Soft	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Adult Female	Bait
Zachar Bay	2	5	3	2	5	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Zachar Bay	2	6	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Zachar Bay	2	7	1	1	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Zachar Bay	2	8	5	4	1	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Zachar Bay	2	9	2	2	1	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Zachar Bay	2	10	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Zachar Bay	2	11	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Zachar Bay	2	12	2	0	2	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Zachar Bay	2	13	1	0	3	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Zachar Bay	2	14	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Zachar Bay	2	15	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Zachar Bay	2	16	2	2	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Zachar Bay	2	17	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Zachar Bay	2	18	0	0	1	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Zachar Bay	2	19	1	1	1	1	7	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
String Total			36	20	21	8	67	0	0	0	0	0	0	0	0	0	0	0	0	1	
Uyak Bay	1	1	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	1	2	0	0	0	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	1	3	0	0	1	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	1	4	2	0	5	0	19	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	1	5	4	0	3	0	24	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	1	6	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	1	7	3	0	4	1	16	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	1	8	2	0	1	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	1	9	0	0	1	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	1	10	5	0	5	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	1	11	4	0	7	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	1	12	4	0	11	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	1	13	0	0	0	0	0	6	0	0	0	5	0	2	0	0	0	0	0	0	squid
Uyak Bay	1	14	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	1	15	0	0	2	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	1	16	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	1	17	13	0	7	2	11	0	0	0	0	0	0	0	0	0	0	0	0	0	squid

-Continued-

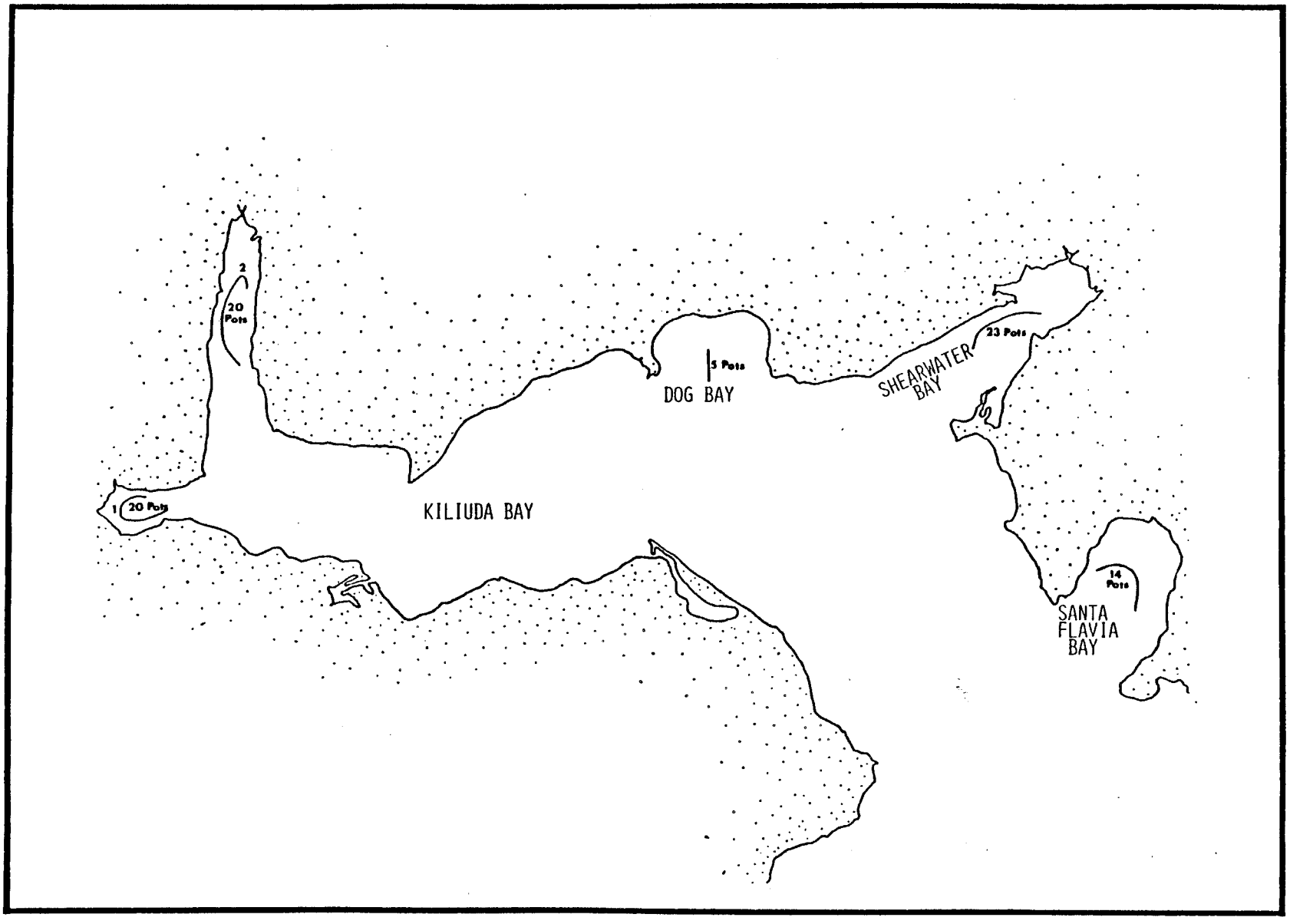
Appendix Table 2. Number of crabs captured by area, string, and pot from 1986 Kodiak king/Dungeness survey (continued).

			Dungeness					Red king crab								Tanner					
Area	String	Pot Number	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Female	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Juvenile Female	Juv.Fem. Soft	Total Adult Female	Ad.Fem. Soft	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Adult Female	Bait
Uyak Bay	1	18	0	0	4	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	1	19	0	0	2	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	1	20	2	0	2	1	24	6	0	0	0	0	0	6	0	0	0	0	0	0	squid
Uyak Bay	1	21	8	0	11	2	22	0	0	0	0	0	0	1	0	0	0	0	0	0	squid
String Total			48	0	66	6	240	12	0	0	0	5	0	9	0	0	0	0	0	1	
Uyak Bay	2	1	1	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	2	2	0	0	3	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	2	3	0	0	3	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	2	4	2	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	2	5	1	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	2	6	2	0	1	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	2	7	0	0	1	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	2	8	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	2	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	2	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	2	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	2	12	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	2	13	0	0	3	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	2	14	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	2	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	2	16	0	0	3	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	2	17	0	0	1	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	2	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	2	19	0	0	2	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	2	20	0	0	1	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	2	21	0	0	0	0	38	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
String Total			8	0	22	4	142	0	0	0	0	0	0	0	0	0	0	0	0	1	
Uyak Bay	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid

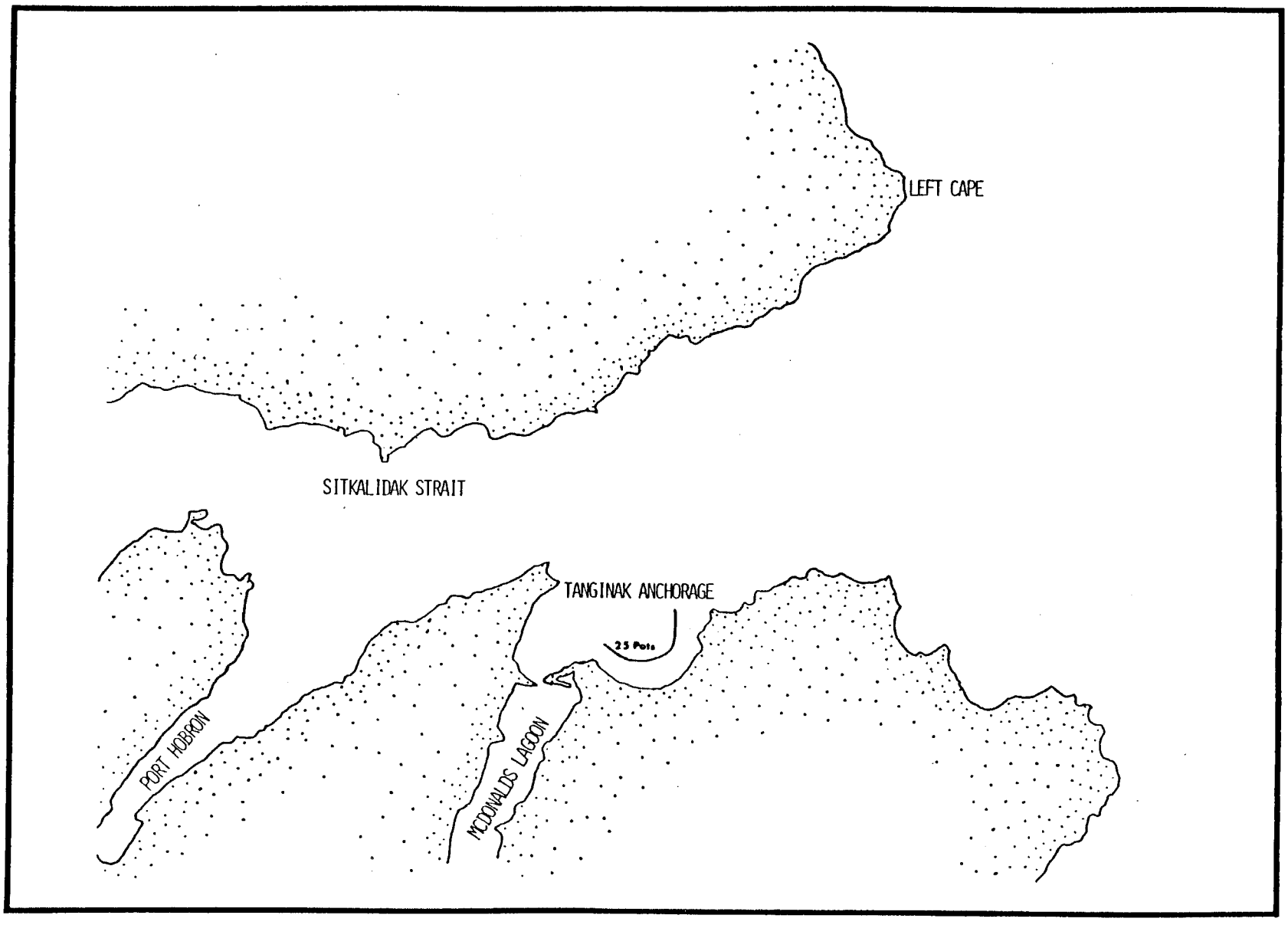
-Continued-

Appendix Table 2. Number of crabs captured by area, string, and pot from 1986 Kodiak king/Dungeness survey (continued).

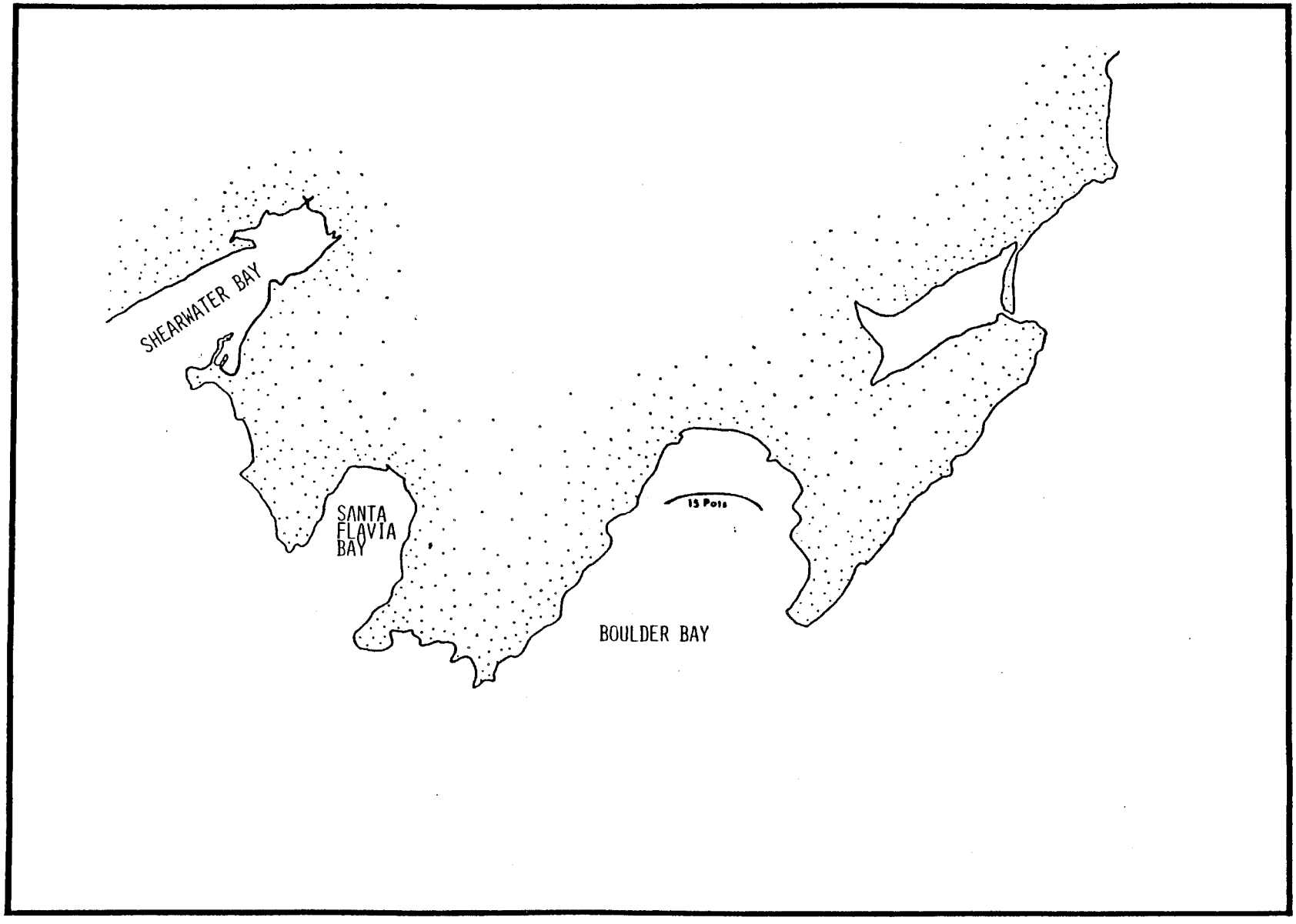
			Dungeness					Red king crab								Tanner					
Area	String	Pot Number	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Female	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Total Juvenile Female	Juv.Fem. Soft	Total Adult Female	Ad.Fem. Soft	Total Sublegal	Sublegal Soft	Total Legal	Legal Soft	Adult Female	Bait
Uyak Bay	3	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	3	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	3	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	3	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	3	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	3	10	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	3	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	3	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	3	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	3	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	3	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	3	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	3	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	3	18	2	0	3	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	3	19	0	0	2	1	14	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	3	20	0	0	8	1	6	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
Uyak Bay	3	21	0	0	7	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
String Total			2	0	20	2	45	0	0	0	0	0	0	0	0	0	0	0	0	1	
Uyak Bay	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	4	0	1	squid
Uyak Bay	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	6	0	0	squid
Uyak Bay	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	squid
Uyak Bay	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	2	0	0	squid
Uyak Bay	4	5	0	0	1	0	2	0	0	0	0	0	0	0	0	1	0	5	0	0	squid
Uyak Bay	4	6	0	0	0	0	4	0	0	0	0	0	0	0	0	3	0	2	0	0	squid
Uyak Bay	4	7	0	0	3	0	10	0	0	0	0	0	0	0	0	3	0	0	0	0	squid
Uyak Bay	4	8	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	squid
String Total			0	0	4	0	18	0	0	0	0	0	0	0	0	14	0	25	0	2	
Grand Total		782	351	62	1265	242	1406	259	0	0	0	102	0	76	10	94	5	44	6	60	



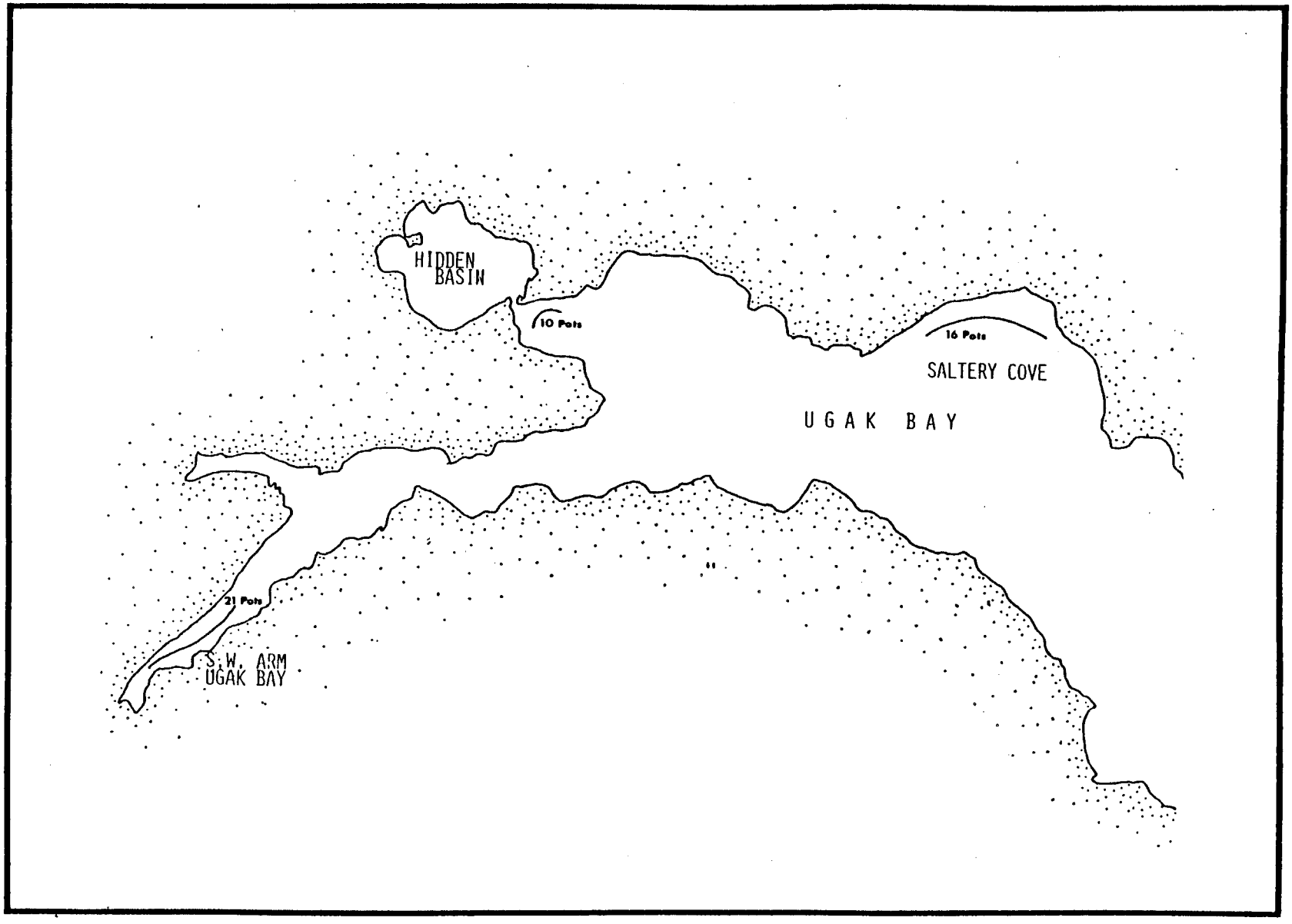
Appendix Figure 1. Kiliuda, Dog, Shearwater and Santa Flavia bays with string locations and number of survey pots fished.



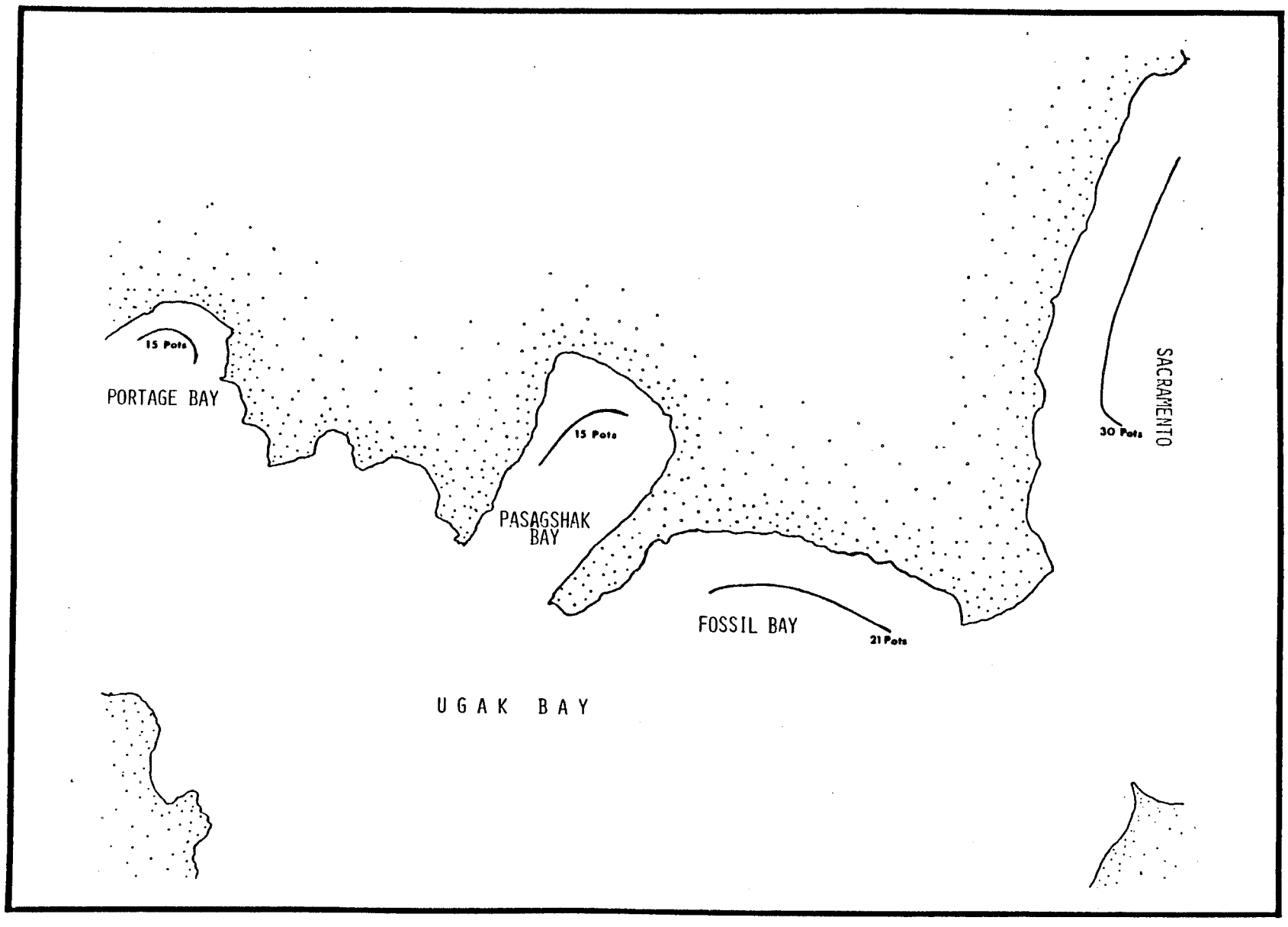
Appendix Figure 2. Tanginak Anchorage with string location and number of survey pots fished.



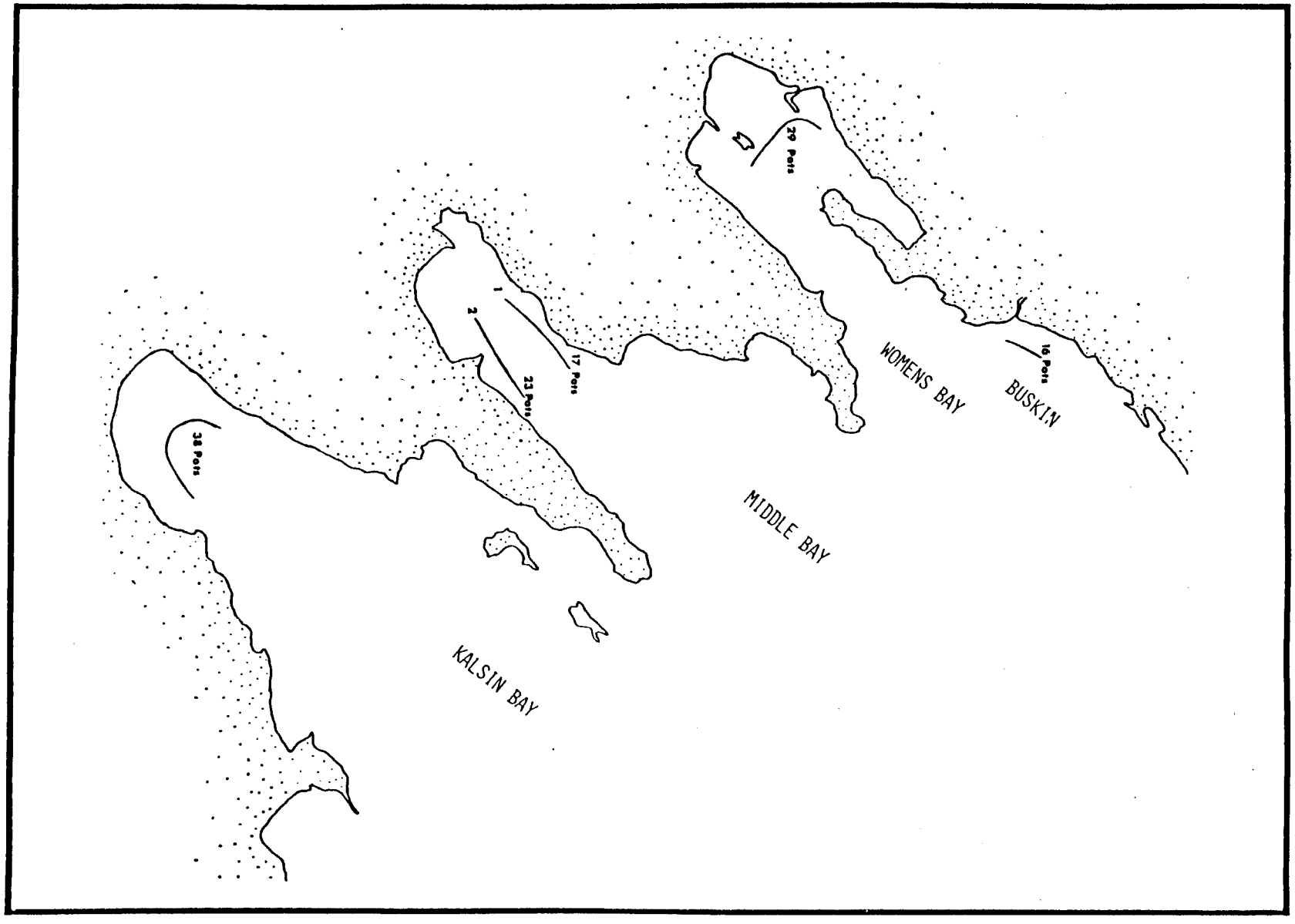
Appendix Figure 3. Boulder Bay string location and number of survey pots fished.



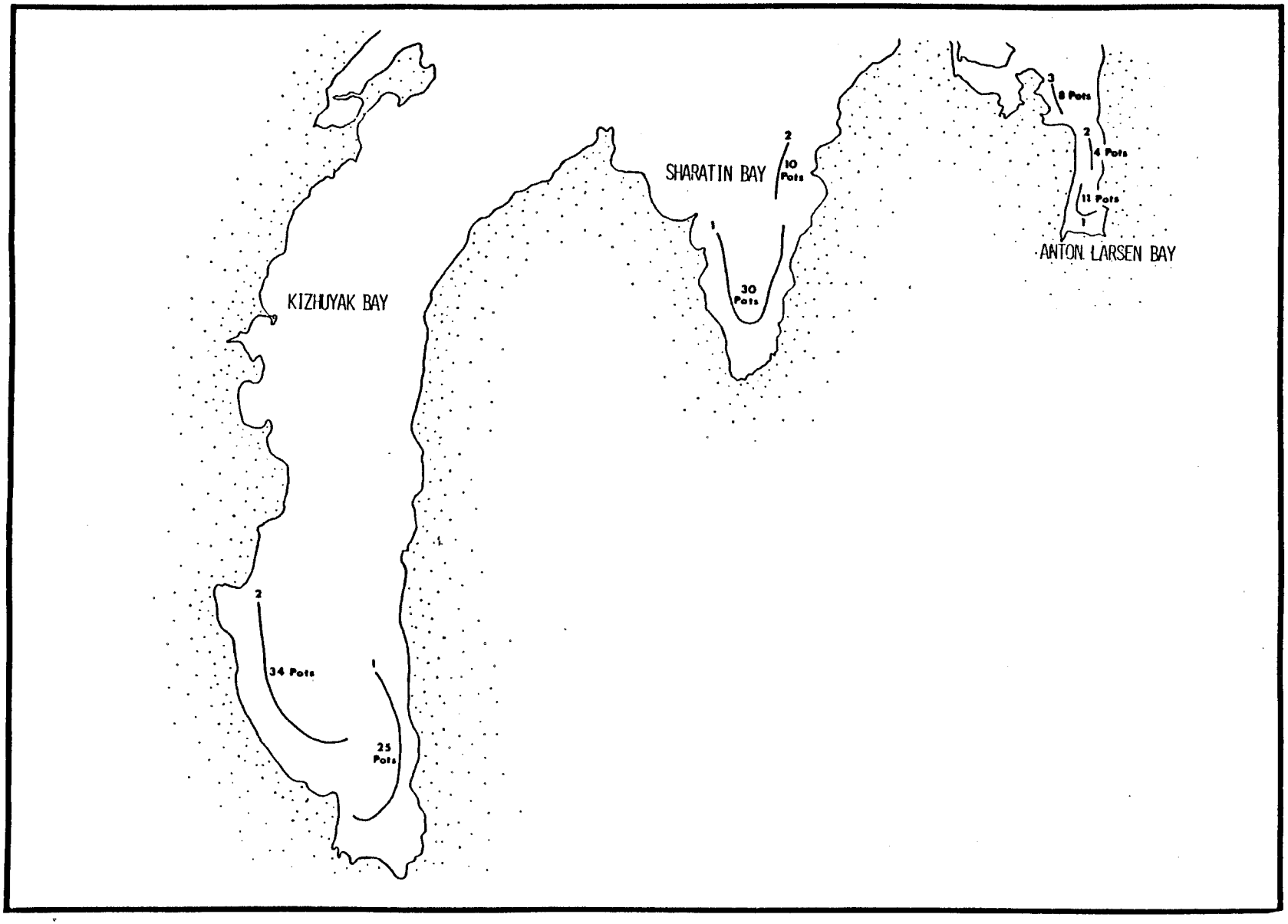
Appendix Figure 4. Ugak Bay, S.W. Arm, Hidden Basin and Saltery Cove string locations with number of survey pots fished.



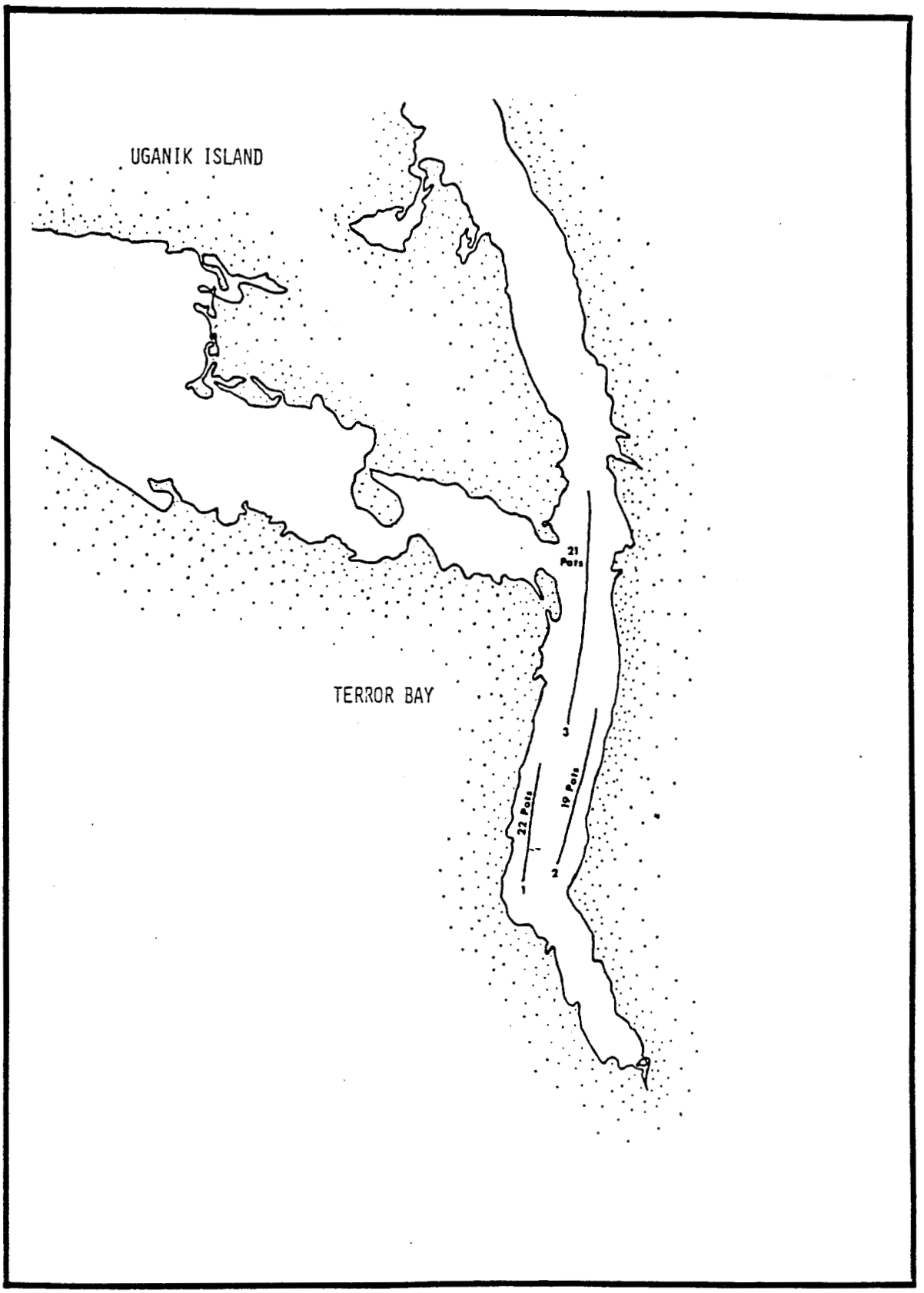
Appendix Figure 5. Portage, Pasagshak, Fossil and Sacramento areas with string locations and number of survey pots fished.



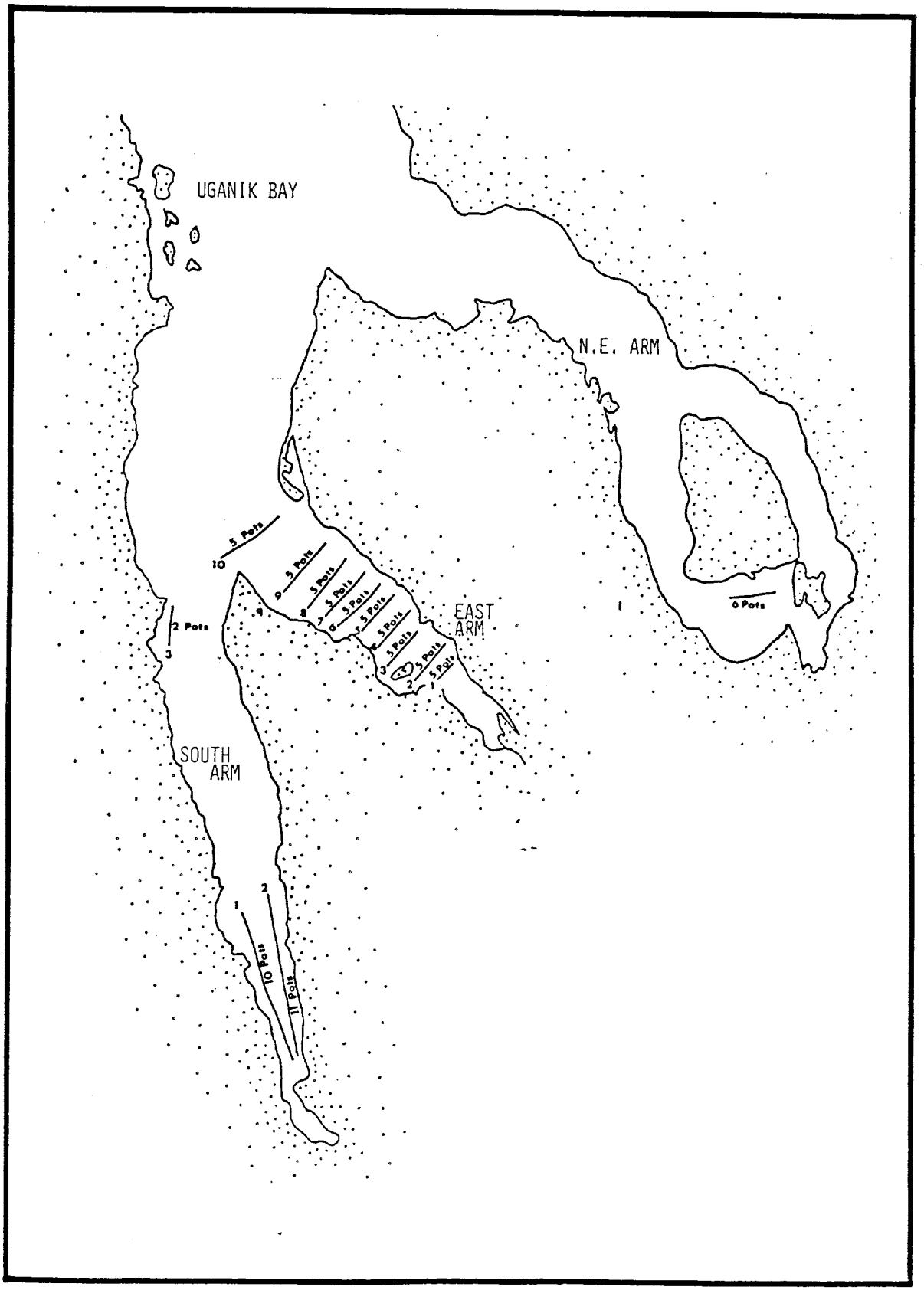
Appendix Figure 6. Kalsin, Middle, Womens and Buskin areas with string locations and number of survey pots fished.



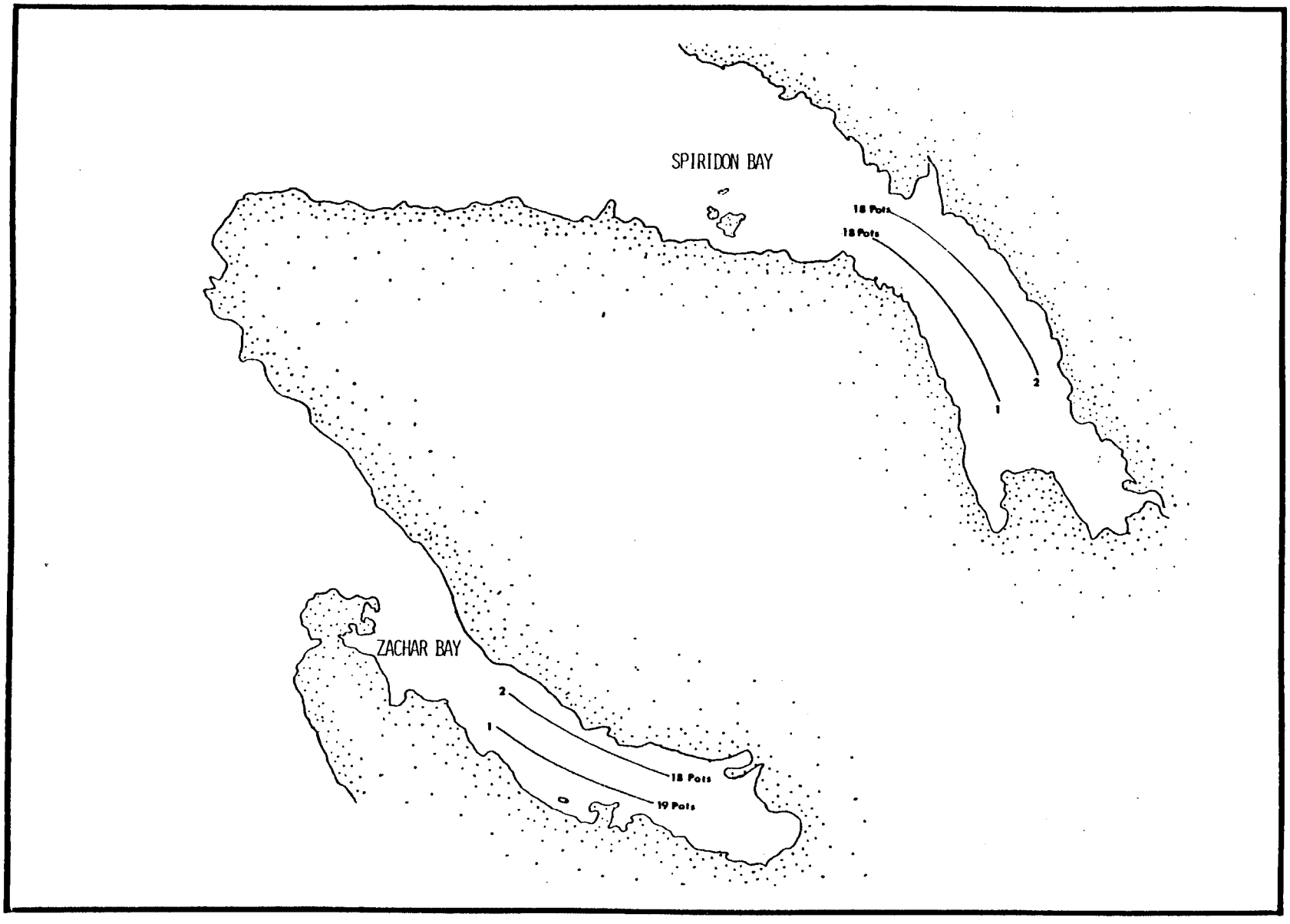
Appendix Figure 7. Kizhuyak, Sharatin and Anton Larsen bays with string locations and number of survey pots fished.



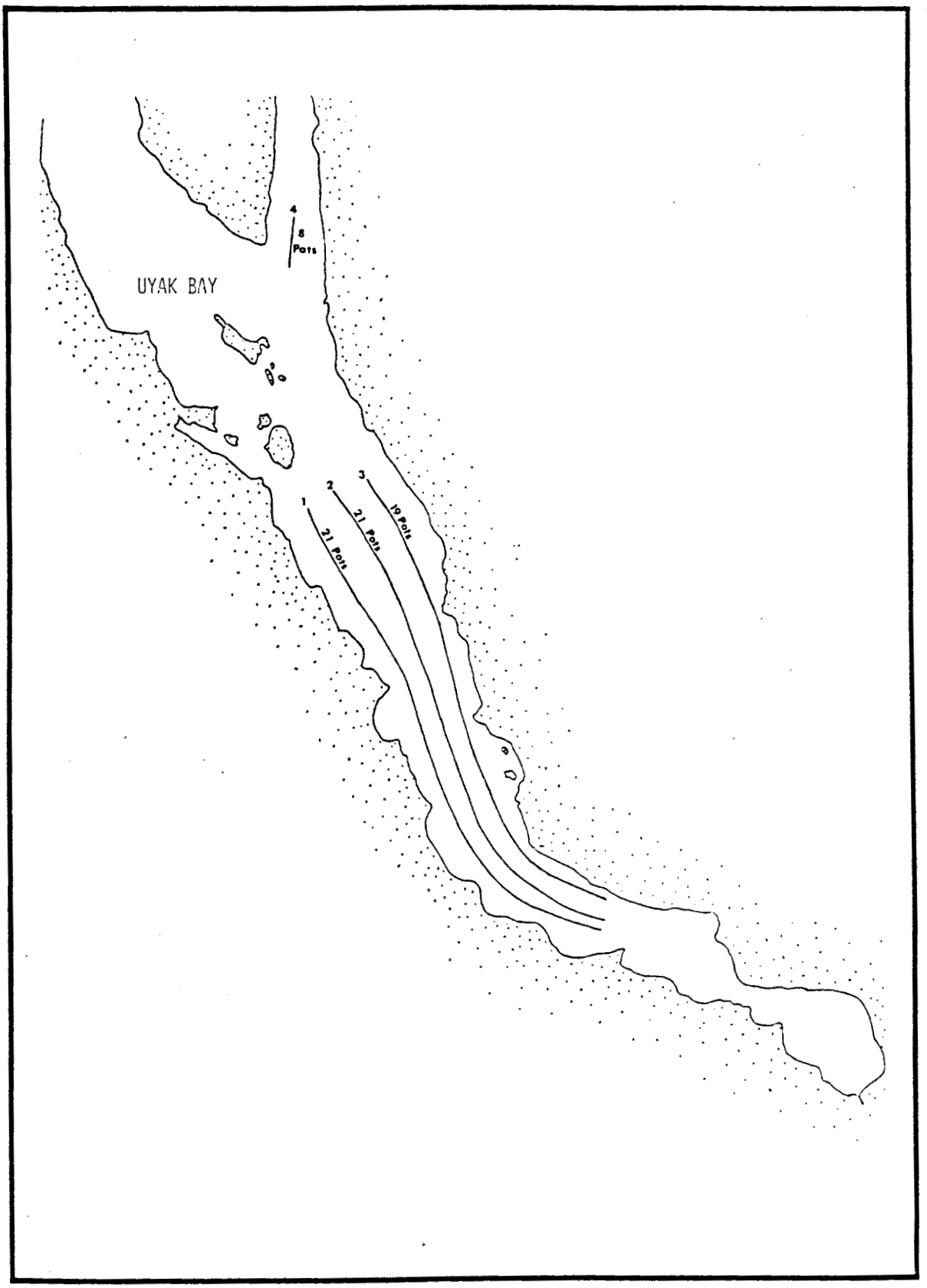
Appendix Figure 8. Terror Bay with string locations and number of survey pots fished.



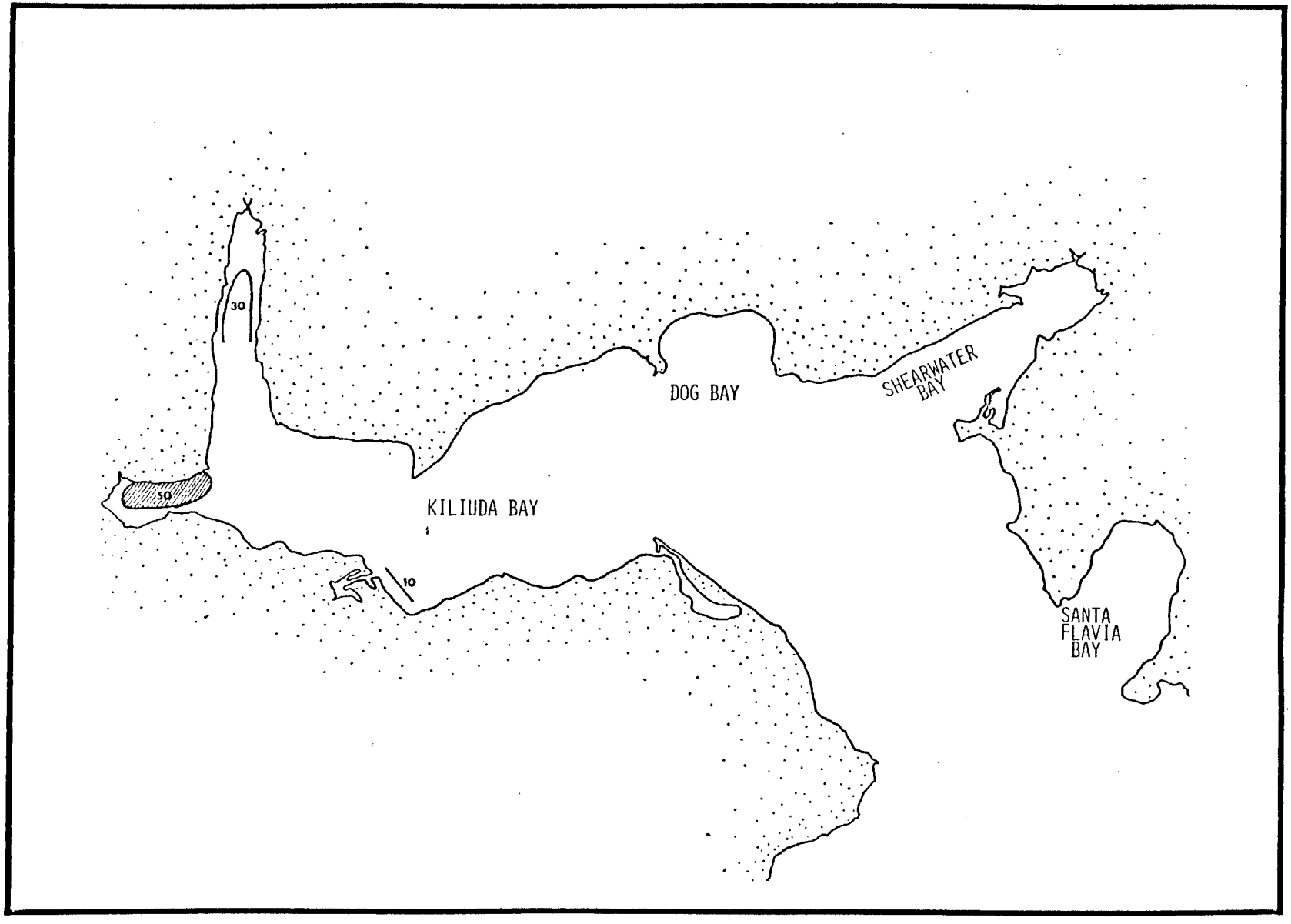
Appendix Figure 9. Uganik Bay with string locations and number of survey pots fished.



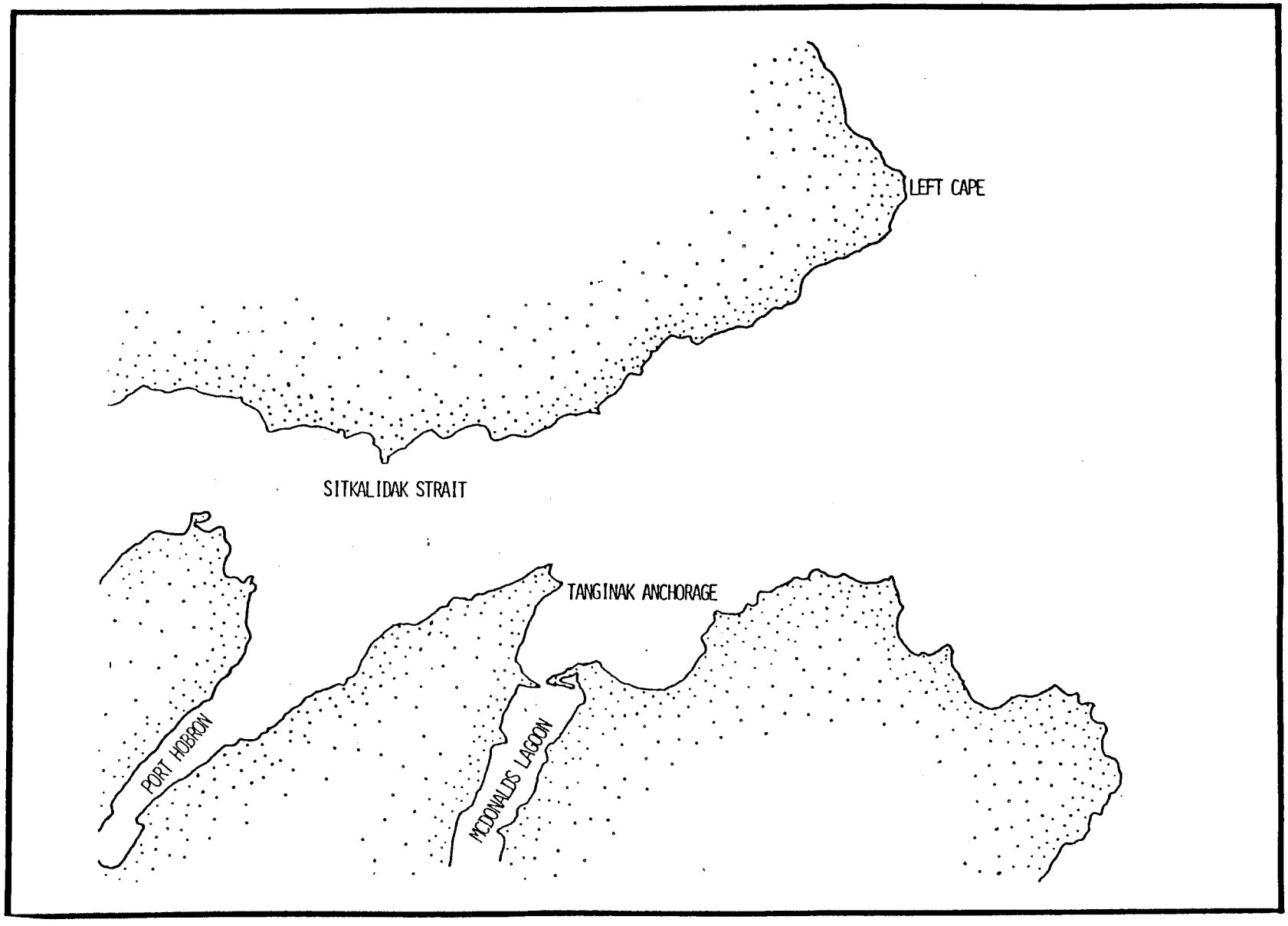
Appendix Figure 10. Spiridon and Zachar bays with string locations and number of survey pots fished.



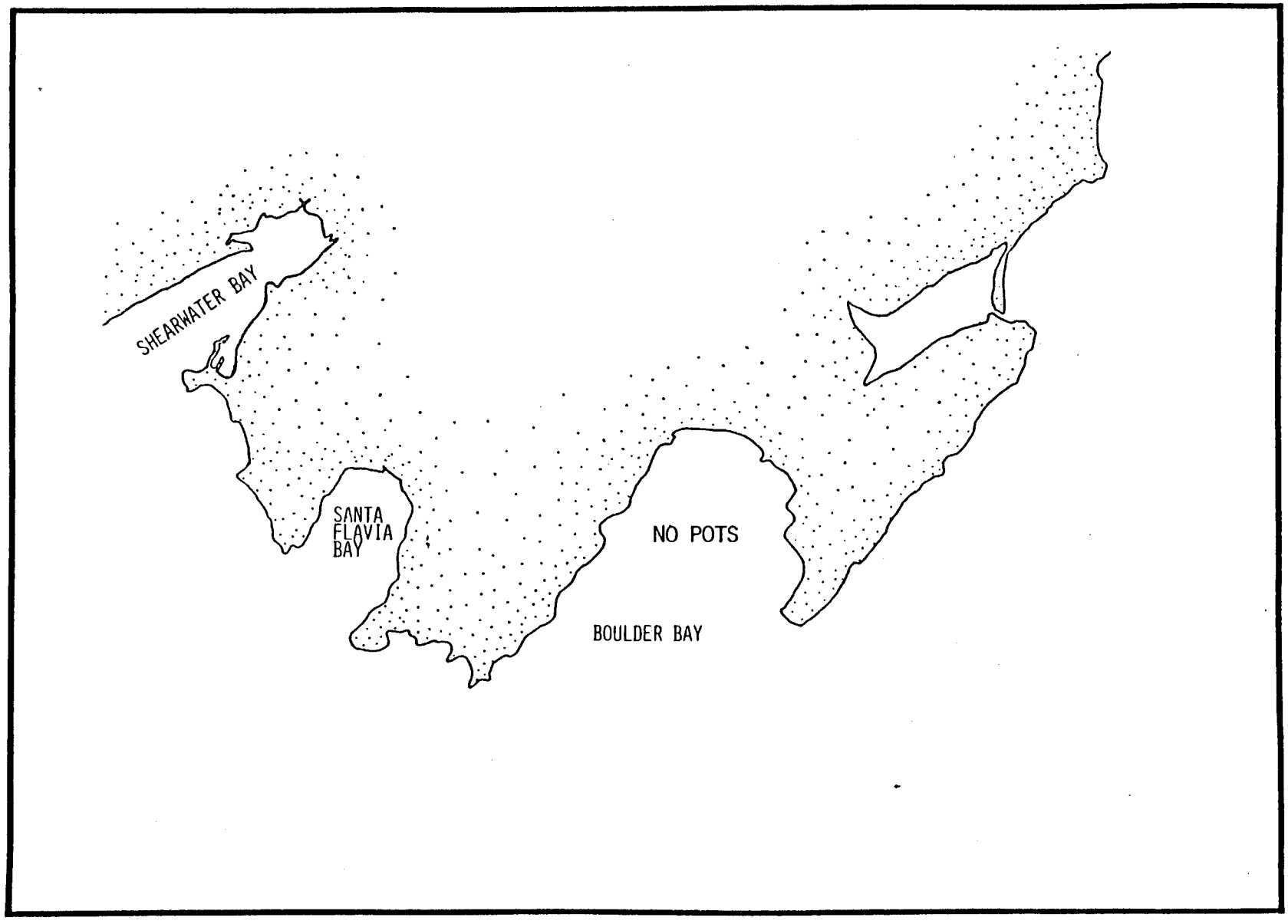
Appendix Figure 11. Uyak Bay with string locations and number of survey pots fished.



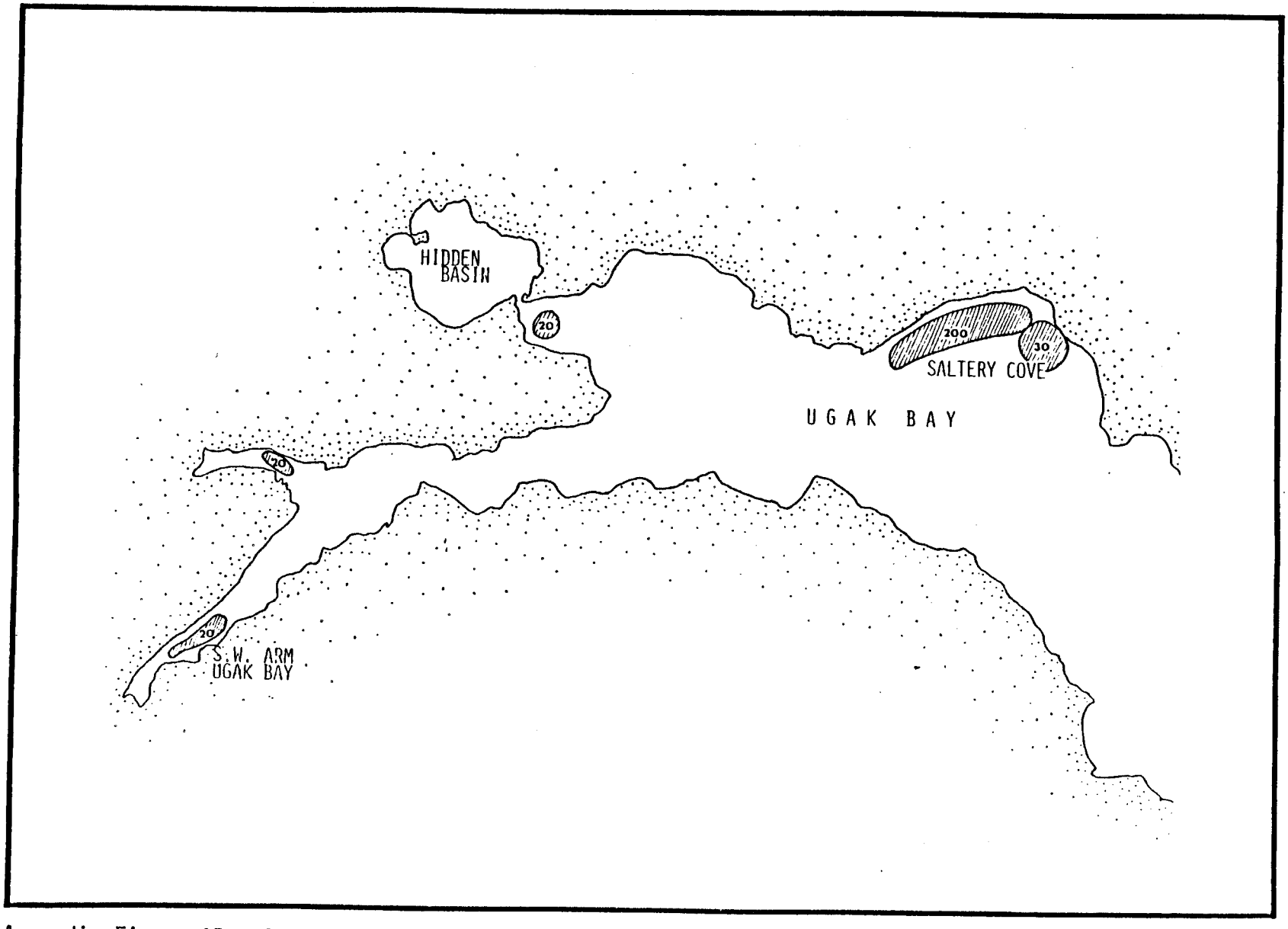
Appendix Figure 12. Aerial survey of commercial Dungeness gear density (number of pots) in *Kiliuda Bay* 7/9/86.



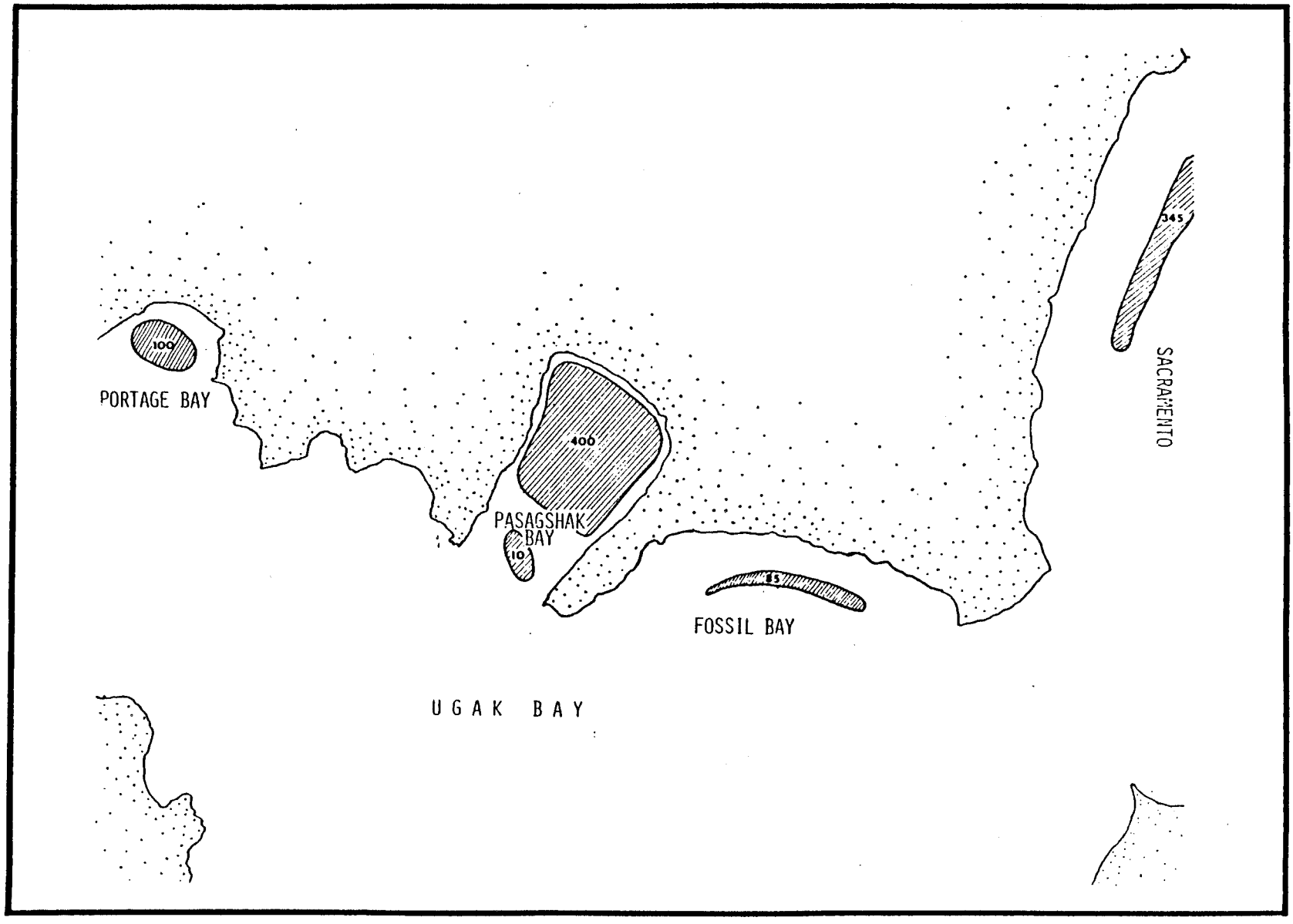
Appendix Figure 13. Aerial survey of commercial Dungeness gear density (number of pots) in *Tanginak Anchorage* 7/9/86.



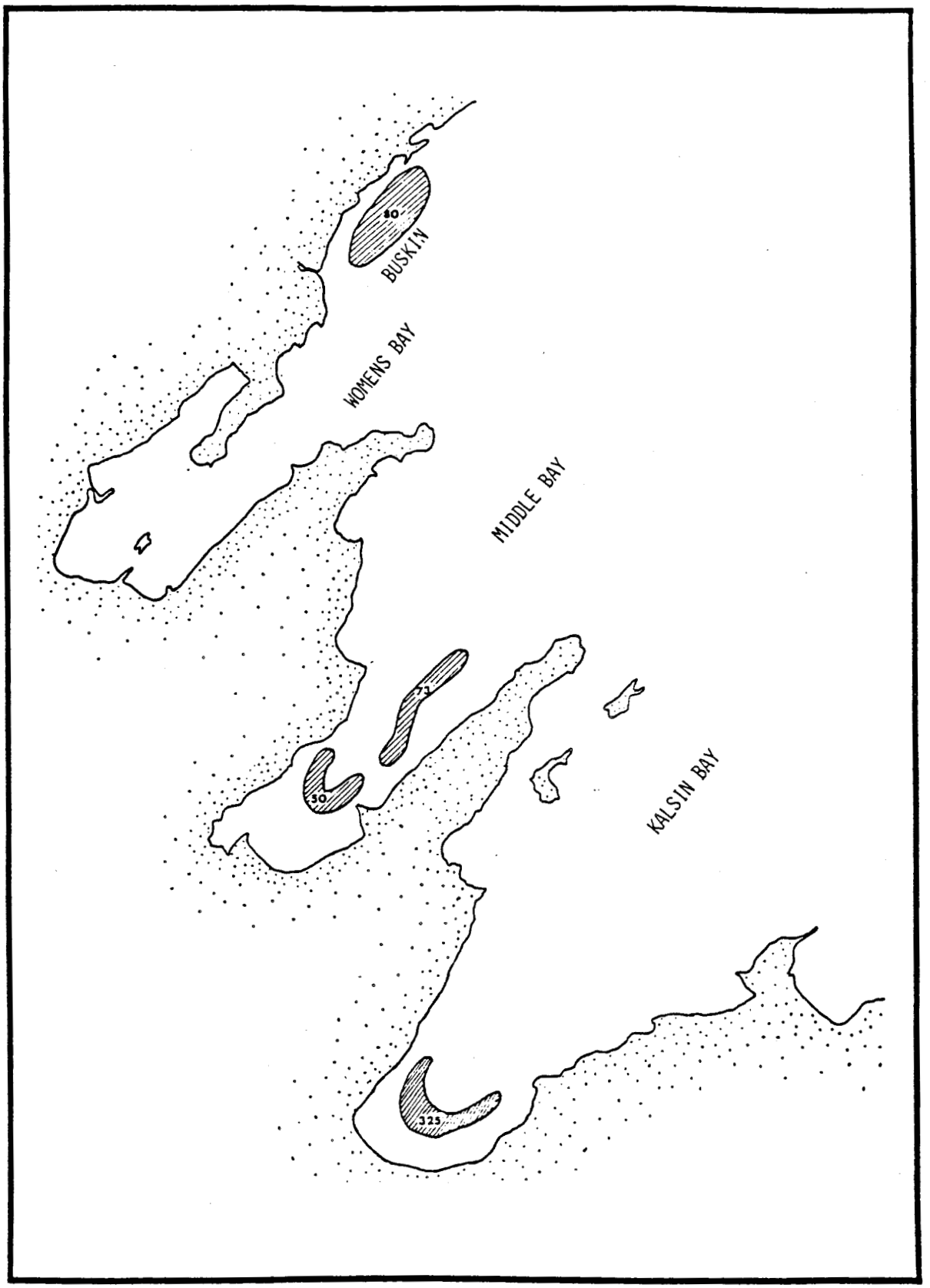
Appendix Figure 14. Aerial survey of commercial Dungeness gear density (number of pots) in *Boulder Bay* 7/9/86.



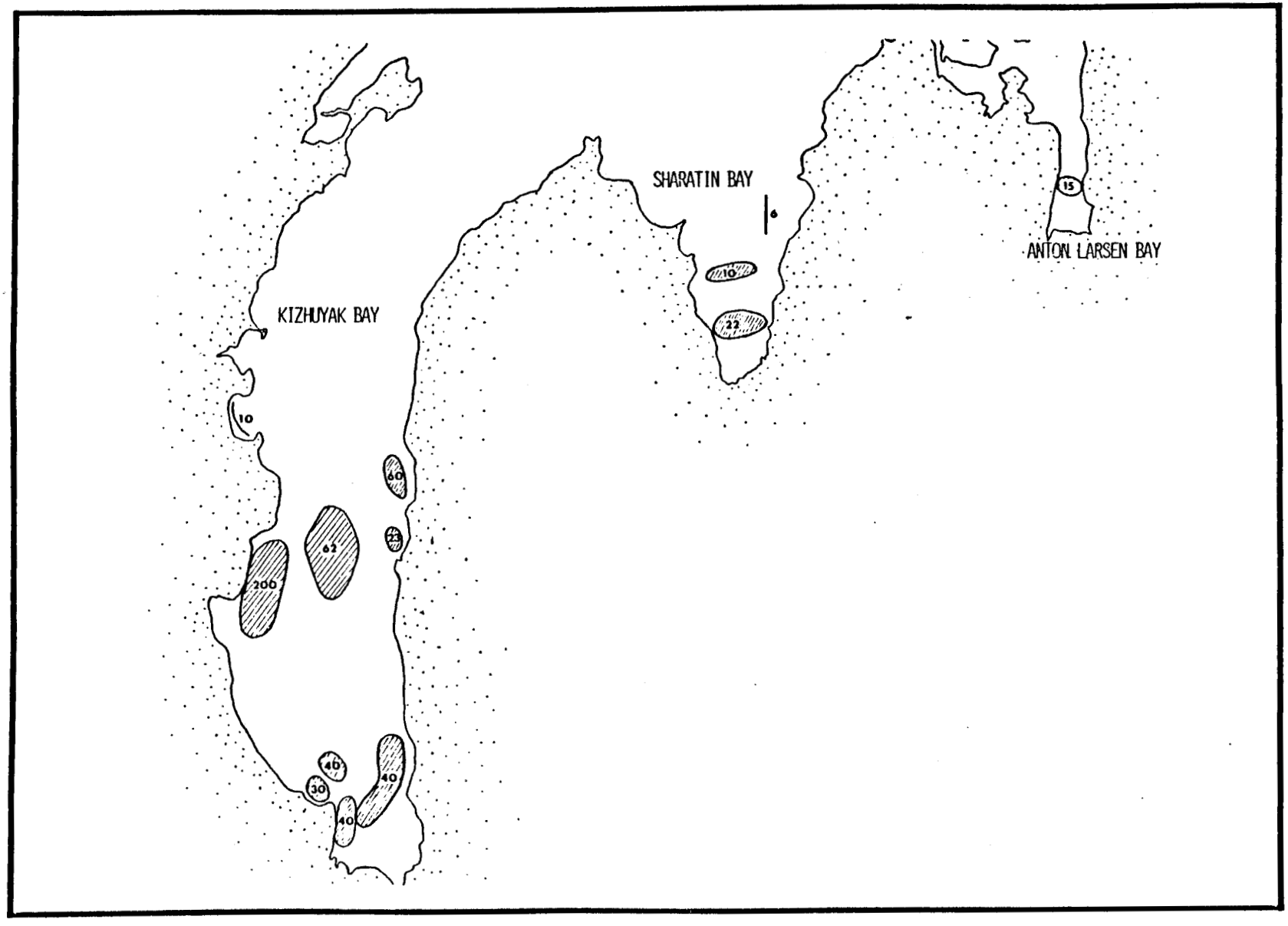
Appendix Figure 15. Aerial survey of commercial Dungeness gear density (number of pots) in *Uyak Bay* 7/9/86.



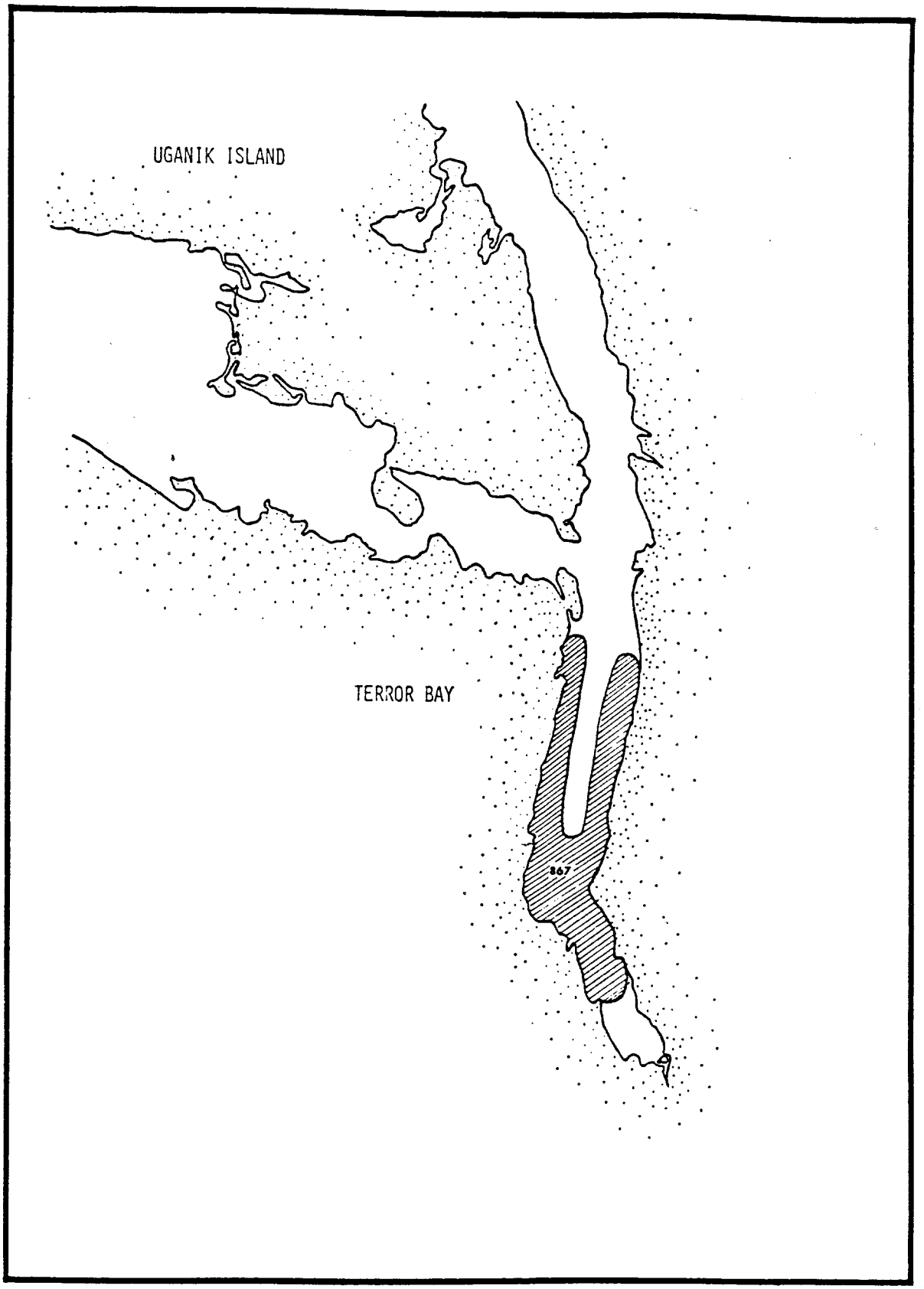
Appendix Figure 16. Aerial survey of commercial Dungeness gear density (number of pots) in *Ugak* and *Sacramento* 7/9/86.



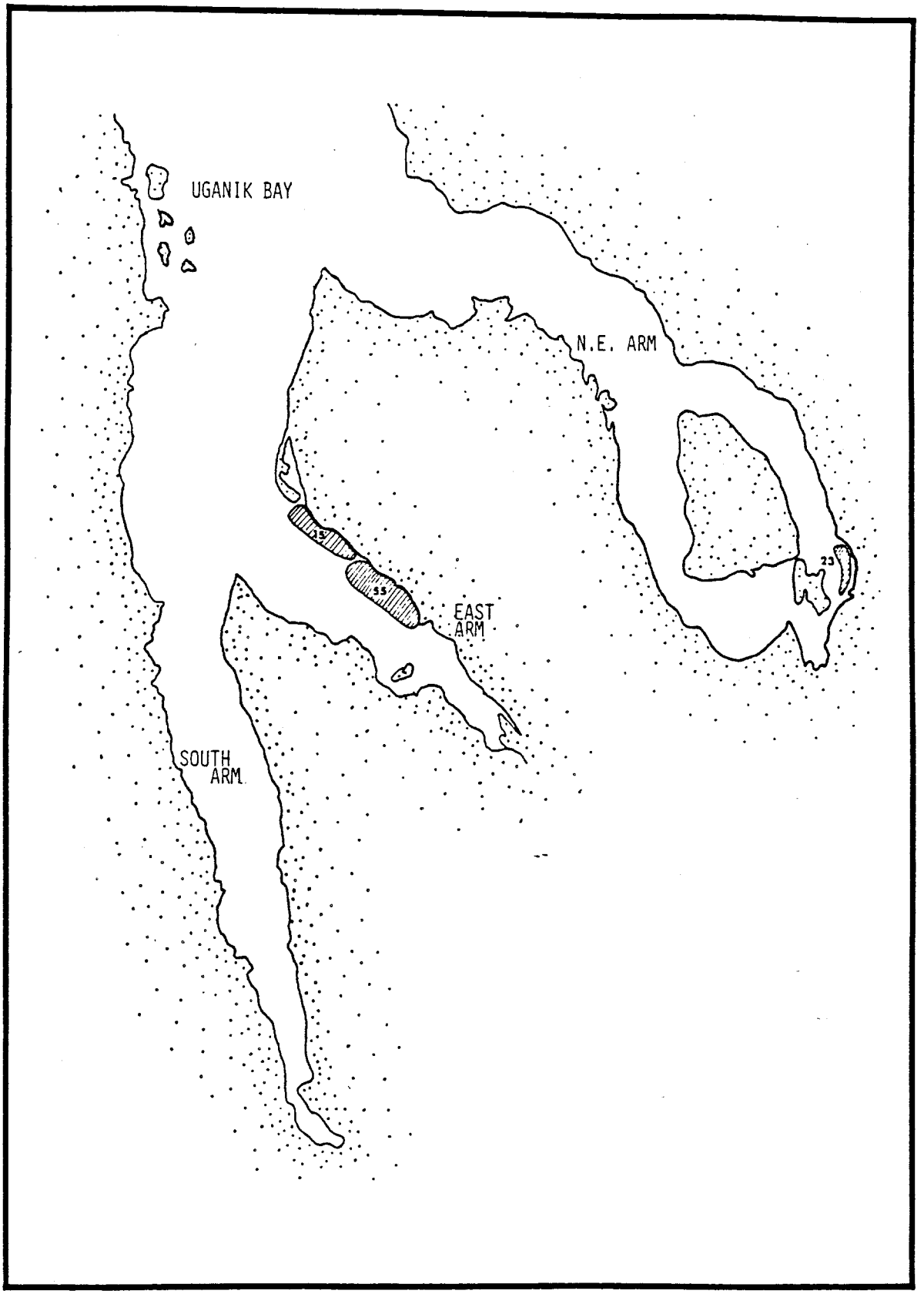
Appendix Figure 17. Aerial survey of commercial Dungeness gear density (number of pots) in *Kalsin, Middle, Womens* and *Buskin* 7/9/86.



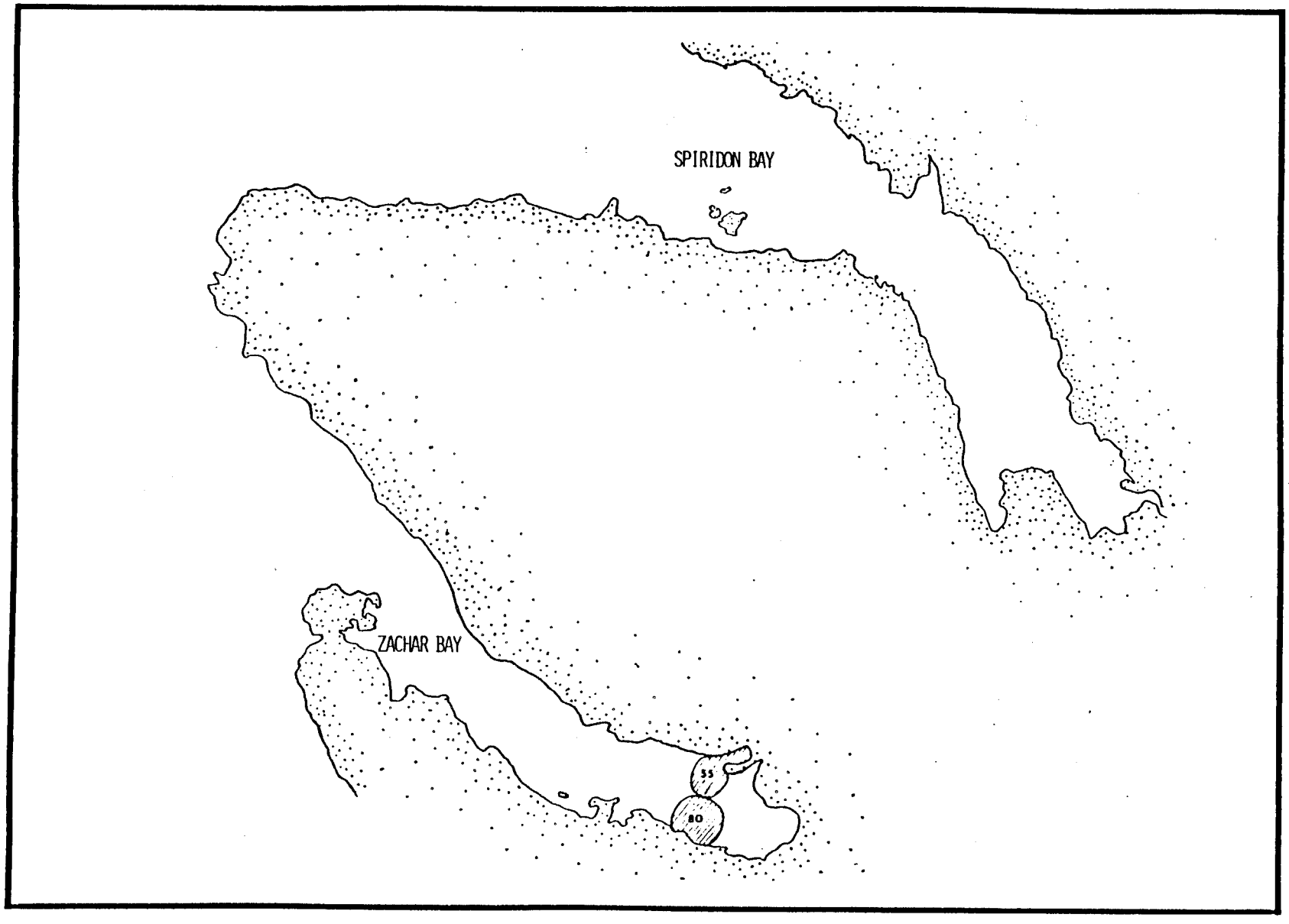
Appendix Figure 18. Aerial survey of commercial Dungeness gear density (number of pots) in *Kizhuyak, Sharatin* and *Anton Larsen* 7/9/86.



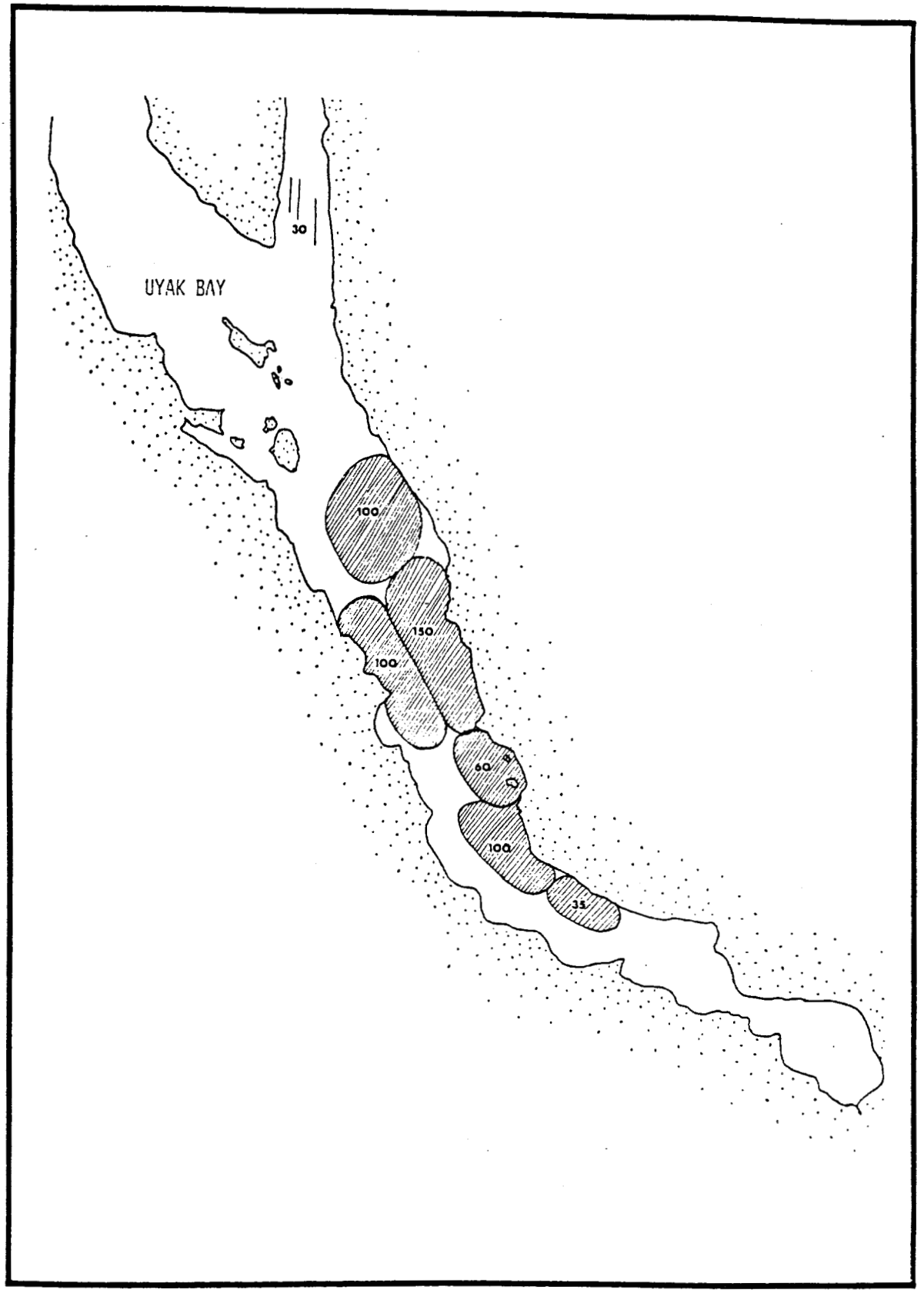
Appendix Figure 19. Aerial survey of commercial Dungeness gear density (number of pots) in *Terror Bay* 7/9/86.



Appendix Figure 20. Aerial survey of commercial Dungeness gear density (number of pots) in *Uganik Bay* 7/9/86.



Appendix Figure 21. Aerial survey of commercial Dungeness gear density (number of pots) in *Spiridon* and *Zachar* 7/9/86.



Appendix Figure 22. Aerial survey of commercial Dungeness gear density (number of pots) in *Uyak* 7/9/86.

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