



Explorations for the Tanner crab Chionoecetes bairdi off the  
coasts of Kodiak Island, the Alaska Peninsula, and Aleutian  
Islands, 1973-1977

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1980

## ADF&G TECHNICAL DATA REPORTS

This series of reports is designed to facilitate prompt reporting of data from studies conducted by the Alaska Department of Fish and Game, especially studies which may be of direct and immediate interest to scientists of other agencies.

The primary purpose of these reports is presentation of data. Description of programs and data collection methods is included only to the extent required for interpretation of the data. Analysis is generally limited to that necessary for clarification of data collection methods and interpretation of the basic data. No attempt is made in these reports to present analysis of the data relative to its ultimate or intended use.

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Explorations for the Tanner crab Chionoecetes bairdi  
off the coasts of Kodiak Island, the Alaska Peninsula,  
and Aleutian Islands, 1973-1977<sup>1/</sup>

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## DEFINITION OF TERMS

Newshell (NS) - Hard exoskeletal animals. The dorsal side of the carapace is brownish-red. No apparent or limited scratching on ventral side. Epifauna is absent or limited. Dactyli, pterygostomial, and branchial spines sharp.

Oldshell (OS) - An apparent skipmolt. Carapace is hard and brownish. The thoracic sternum and ventral side of the legs have obtained numerous scratches and abrasions. Dactyli, pterygostomial, and branchial spines are worn. Epifauna may be present.

Very oldshell (VOS) - An obvious skipmolt. Carapace is hard, dark brown to blackish. Thoracic sternum and ventral side of legs with multiple scratches and abrasions. Underside of legs may be dark yellow-brown. Dactyli, pterygostomial, and branchial spines heavily worn. Epifauna most always present, e.g., large barnacles.

Carapace width - The straight line distance across the widest part of the carapace, excluding spines, at right angles to a line drawn from the rostrum to the medial posterior margin of the carapace.

Abdomen width - The straight line distance taken across the widest part of the fifth abdominal segment.

Chela width - The widest lateral measurement of the right chela.

Ovigerous - Bearing eggs.

4 - Male Tanner crab  $\leq$  69 mm in carapace width and 4 or more years from legal size.

3 - Male Tanner crab 70-91 mm in carapace width and 3 years from legal size.

2 - Male Tanner crab 92-114 mm in carapace width and 2 years from legal size.

1 - Male Tanner crab 115-139 mm in carapace width and 1 year from legal size.

R - (Recruit) - Newshell male Tanner crab 140-164 mm in carapace width recruited to legal size in year of capture.

PR1 (Post Recruit 1) - Oldshell and very oldshell male Tanner crab 140-165 mm carapace width. Have been legal size at least 1 year.

PR2 (Post Recruit 2) - Male Tanner crab  $\geq$  165 mm in carapace width.

## INTRODUCTION

### Background

During 1973 the Alaska Department of Fish and Game's (ADF&G) Federal Aid Tanner crab (Chionoecetes bairdi) research project was created. The primary objective was to gather knowledge upon which to base interim harvest levels for the commercial fishery.

Assessment of stock composition parameters is the desired basic method of management, hopefully resulting in a fishery based on various age-classes of legal crab.

Since 1971, the ADF&G has been developing a king crab, Paralithodes camtschatica, stock assessment technique utilizing pot fishing methods while simultaneously conducting large scale sampling. Since numerous Tanner crabs were captured incidentally to king crabs during stock assessment surveys, it was proposed that a joint king-Tanner stock assessment survey be conducted annually and evaluated for its effectiveness in assessing populations of king and Tanner crab.

This report documents how, when, and where pot surveys were conducted and summarizes general abundance and distribution data for male Tanner crab captured from 1973 through 1977. It is intended as a source document for retrieval of research catch data and related information. Some preliminary conclusions are made concerning the methodology for assessing Tanner crab stocks.

### Specific Objectives

Since 1973, specific objectives have been to: (1) Establish a method of indexing abundance of Tanner crab populations which will enable the development of appropriate management strategies to insure a harvestable surplus on a sustained basis, (2) to index relative and actual abundance of as many age classes of male and female Tanner crabs as possible with particular reference to major fishing districts, and (3) to determine migration patterns and distribution of the various major stocks of Tanner crab.

### Prior and Present Knowledge of the Resource

The first domestic research program on Tanner crab in Alaskan waters was conducted simultaneously with two National Marine Fisheries Service (NMFS) king crab surveys in the southeastern Bering Sea in 1968. Three additional surveys were completed in 1969. A first approximation of distri-

bution and abundance was obtained for the southeastern Bering Sea (Karinen 1969).

Since 1969, annual crab stock assessment surveys have been conducted to monitor the populations in the southeastern Bering Sea. In 1975 and 1976, NMFS conducted Outer Continental Shelf related surveys as far north as the southeastern Chukchi Sea. Very little usable data was collected on Tanner crab south of the Alaska Peninsula prior to 1973. McMullen and Yoshihara (1970) compiled catch per unit effort, width frequency, average weight, and catch area information for Tanner crab caught incidental to the Shumagin Island 1969-1970 king crab fishery. Annual ADF&G surveys since 1973, plus the development of the commercial fishery, have provide more data on distribution and relative abundance.

The domestic fishery for the Alaskan Tanner crab, Chionoecetes bairdi, has continued to expand since the first harvest of 3.1 MT (6800 lbs) in 1961. Sixteen years of increased processing and fishing technology combined with agency research and management has produced a record catch of 44,588.6 MT (98.3 million lbs) valued at 30.8 million dollars in 1977. Total United States landings of all species of crab was 180,758 MT (398.5 million lbs) in 1977 of which Alaskan Tanner crab comprised 25.4%. Additionally, there is a very large resource of C. opilio only recently exploited by the domestic fishing fleet. The maximum sustainable yield (MSY) of C. opilio was estimated at 199,582.7 MT (440 million lbs) in 1975, nearly 500% greater than C. bairdi MSY.

The foreign fishery for Alaskan Tanner crab in the Fisheries Conservation Zone <sup>1/</sup> totaled 12,473.9 MT (27.5 million lbs) in 1977 and was comprised of about 37% C. bairdi and the remainder C. opilio.

As evidenced by the commercial catch, the size of the resource is very large and emphasizes the need for developing accurate assessment methodology.

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<sup>1/</sup> 4.8 - 320 km off the coastline.

## STUDY AREA

The study area includes the Continental Shelf (0-391 m) south of the Alaska Peninsula and Aleutian Islands of the Westward Region of Alaska which is defined as the latitude of Cape Douglas, west of 151° W. long., east of 172° E. long., and seaward to 366 m depth contour, and all Bering Sea waters east of 172° E. long. Since the surveys have tended to concentrate around areas of major commercial importance the data will be presented by survey area which consist of the Kodiak, Sand Point, Dutch Harbor, and Adak geographical areas (Figure 1). Annual crab stock assessment surveys in the Bering Sea are conducted and reported by the NMFS.

## METHODOLOGY

### Survey Approach and Rationale

A survey method for king crab employing pots was in use in 1973. Because of the extensive area to be surveyed and the cost of chartering vessels, this methodology was adopted for Tanner crab and the sampling conducted simultaneously.

Station distribution was determined from a stratified-random grid pattern. The survey areas were first divided into strata based on prior knowledge of the king crab resource and then high density areas received greater sampling effort. Research stations within selected strata were randomly selected. The experimental design called for offshore stations to consist of a string of 10 to 13 pots spaced 0.4 km (0.25 mi) apart in an east-west direction. Individual stations were spaced 11 km (7 mi) east-west and 4.8 km (3 mi) north-south. Three such stations were to be fished daily. Bay stations consisted of a string of three to four pots spaced 0.4 km (0.25 mi) apart in an east-west direction. Spacing between bay stations was 1.6 km (1 mi) east to west and 3.2 km (2 mi) north to south. Ten such stations were to be fished per day. Repetitive sampling of the same stations was to be attempted between years; however, this was not always accomplished.

The research fishing station grid was redrawn for Kodiak between 1975 and 1976 resulting in a shift of all ocean stations approximately 1.6 km (1 mi) to the west, while bay stations remained the same.

Distance between bay stations at Sand Point, Dutch Harbor, and Adak are inconsistent. The 1975 and 1976 Sand Point bay stations were spaced 1.6 km (1 mi) in all directions while spacing in 1977 was 1.6 km (1 mi) east to west and 3.2 km (2 mi) north to south. Documentation is incomplete for year 1974, the first Sand Point survey.

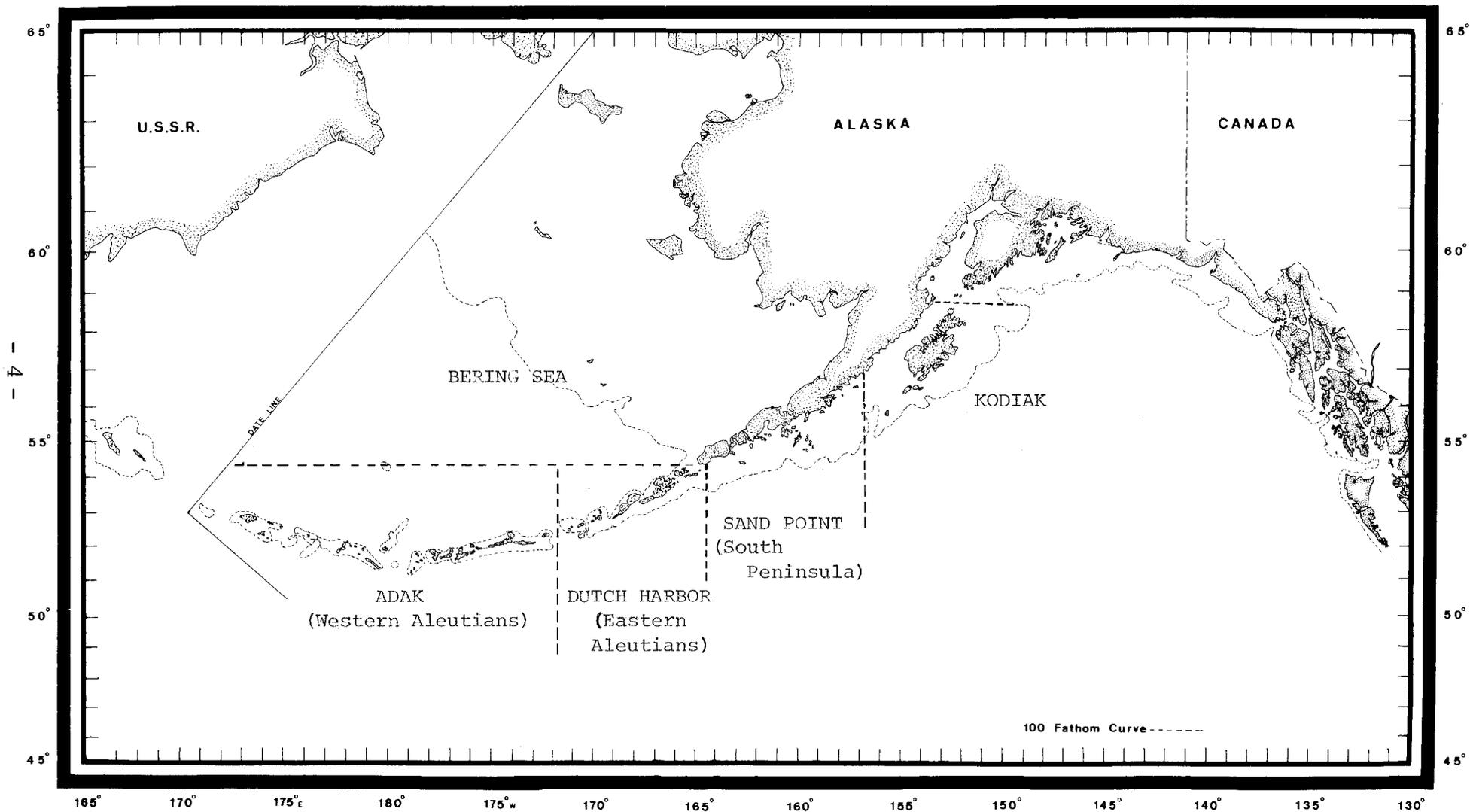


Figure 1. Major Crab survey areas of the Westward Region of Alaska.

The 1975 Dutch Harbor bay stations were spaced 1.6 km (1 mi) in all directions except Beaver Inlet where spacing ranged from 0.8 km (0.5 mi) to 4 km (2.5 mi) north to south. In 1976, bay stations were 1.6 km (1 mi) apart in all directions while the 1977 bay stations were 1.6 km (1 mi) east to west and 3.2 km (2 mi) north to south.

The 1975 and 1976 Adak bay stations were fished 1.6 km (1 mi) apart in all directions while the north to south spacing increased to 3.2 km (2 mi) with the 1977 survey.

Loran and/or radar bearings were not recorded during fishing until recently and there is no way to verify the accuracy of station location from year to year.

Approximately 30 consecutive days research fishing in each geographic area was attempted per year.

### Vessels

Surveys were conducted utilizing chartered fishing vessels and the ADF&G's research vessel RESOLUTION (Table 1).

### Sampling Gear

Sampling gear consisted of 2.1 x 2.1 m (7 ft x 7 ft) crab pots covered with 89 mm (3.5 in) webbing. Frozen herring Clupea harengus, placed two, 0.95 l (1 qt) perforated containers was used to bait each pot.

### Fishing Procedures

Baited pots were to be set at designated locations and allowed to fish for a 24 hour period. Individual pot identification environmental conditions, depth, and elapsed fishing time were recorded for each pot. Each fishing day pots were retrieved, rebaited, and set at new stations until the survey area had been completed. As many as four vessels fished simultaneously throughout the Westward area.

### Sampling Procedures

Crab caught in each pot were separated by species, sex, and exoskeletal age. Subsampling was used in instances when the catch was large. Tanner crab carapace measurements were taken to the nearest millimeter using vernier calipers and recorded (Figures 2A and B). Exoskeletal age, fecundity,

Table 1: Research Fishing Information and Related Catch Data

Date and Location	Vessel	Keel length (ft.)	Scientific Crew Leader	No. of ocean stations fished	Avg. No. pots per ocean station by vessel	Avg. No. Pots per all ocean stations	No. of bay stations fished	Avg. No. Pots per bay Sta. by vessel	Avg. No. Pots per all bay stations	Total Pot Lifts	Depth Range (fms)	No. of ♂ Tanner Crab <i>C. bairdi</i> captured		No. of ♀ Tanner Crab <i>C. bairdi</i> captured (actual)	
												Actual	Adjusted	Juvenile	Adult
Kodiak: 1973 (6/26-8/4)	Rosie G. Resolution Rosemary <sup>1</sup>	81	G. Powell	80	11.72	11.29	48	3.96	3.97	1990	6-140	16788	21207	139	1885
		81	R. Kaiser	50	11.26		8	4.00							
		87	R. Kaiser	9	10.90		40	3.97							
				139			96								
: 1974 (6/27-7/31)	Virginia Santos Rosemary	167	G. Powell	67	12.35	12.09	33	3.81	3.65	2017	8-125	25563	33170	548	6568
		87	R. Kaiser	69	11.84		70	3.50							
				136			103								
: 1975 (6/28-7/30)	Elizabeth F. Adventure Theresa Marie <sup>2</sup>	81	G. Powell	58	12.93	11.96	45	3.42	3.71	1895	9-135	22369	29734	109	3031
		81	W. Donaldson	68	12.95		9	4.00							
		78	T. Hayden	9	10.00		0	-							
				135			54								
: 1976 (6/23-8/1)	Resolution Katie K. Pacific Mariner <sup>3</sup>	81	W. Nippes	73	9.89	10.23	42	3.14	3.03	1946	6-133	26367	33504	35	2903
		92	G. Powell	80	10.81		39	2.93							
		91	T. Hayden	10	10.00		0	-							
				163			81								
: 1977 (6/26-8/18)	Resolution Rosie G. Alyeska <sup>4</sup>	81	D. Konigsberg	74	9.95	10.90	47	3.46	3.23	1646	5-148	17921	22009	17	1477
		81	G. Powell	51	10.52		58	3.01							
		110	K. Griffin	13	12.23		0	-							
				138			105								
Sand Point: 1974 (7/8-8/2)	Juno	108	A. Paulsen	35	9.91	10.30	82	4.00	3.80	675	21-133	17719	22682	44	1256
:1975 (7/3-7/25)	Theresa Marie	78	T. Hayden	29	10.03	81	3.96	611	9-102	14068	17262	86	6432		
:1976 (7/4-7/29)	Pacific Mariner	91	T. Hayden	49	9.89	80	3.95	801	7-109	20192	27109	4	1044		
:1977 (7/10-7/22)	Alyeska	110	W. Donaldson	13	11.38	62	3.32	354	7-123	8781	11023				

(Continued)

<sup>1</sup>Replaced RESOLUTION<sup>2</sup>Fished 3 days around Kodiak then proceeded to Sand Point<sup>3</sup>Fished 5 days around Kodiak then proceeded to Sand Point<sup>4</sup>Fished 5 days around Kodiak then proceeded to Sand PointNOT  
AVAILABLE

Table 1. Research Fishing Information and Related Catch Data (Continued).

Date and Location	Vessel	Keel length (ft.)	Scientific Crew Leader	No. of ocean stations fished	Avg. No. pots per ocean station by vessel	Avg. No. Pots per all ocean stations	No. of bay stations fished	Avg. No. Pots per bay Sta. by vessel	Avg. No. Pots per all bay stations	Total Pot Lifts	Depth Range (fms)	No. of <i>Tanner Crab C. bairdi</i> captured		No. of <i>Tanner Crab C. bairdi</i> captured (actual)	
												Actual	Adjusted	Juvenile	Adult
Dutch Harbor : 1975 (8/22-9/15)	Resolution	81	P. Tate	18	9.88		56	3.98		493	16-118	4559	5436	5	484
: 1976 (8/16-9/15)	Resolution	81	R. Nelson	31	9.93	9.86	67	3.95	3.95	573	19-160	8055	8655	8	1175
: 1977 (8/7-8/31)	Katie K.	92	P. Tate	39	9.79		56	3.94		602	10-154	3274	4045	0	370
Adak: 1975 (6/26-8/2)	Resolution	81	R. Nelson	45	9.75		148	3.96		1025	9-110	6286	6909	18	1733
: 1976 (6/28-7/22)	Alyeska	110	P. Tate	39	9.79	9.62	84	3.96	3.97	715	9-215	6334	7784	29	1372
: 1977 7/24-8/6	Katie K.	92	R. Nelson	27	9.33		27	4.00		360	28-100	2106	3003	21	507

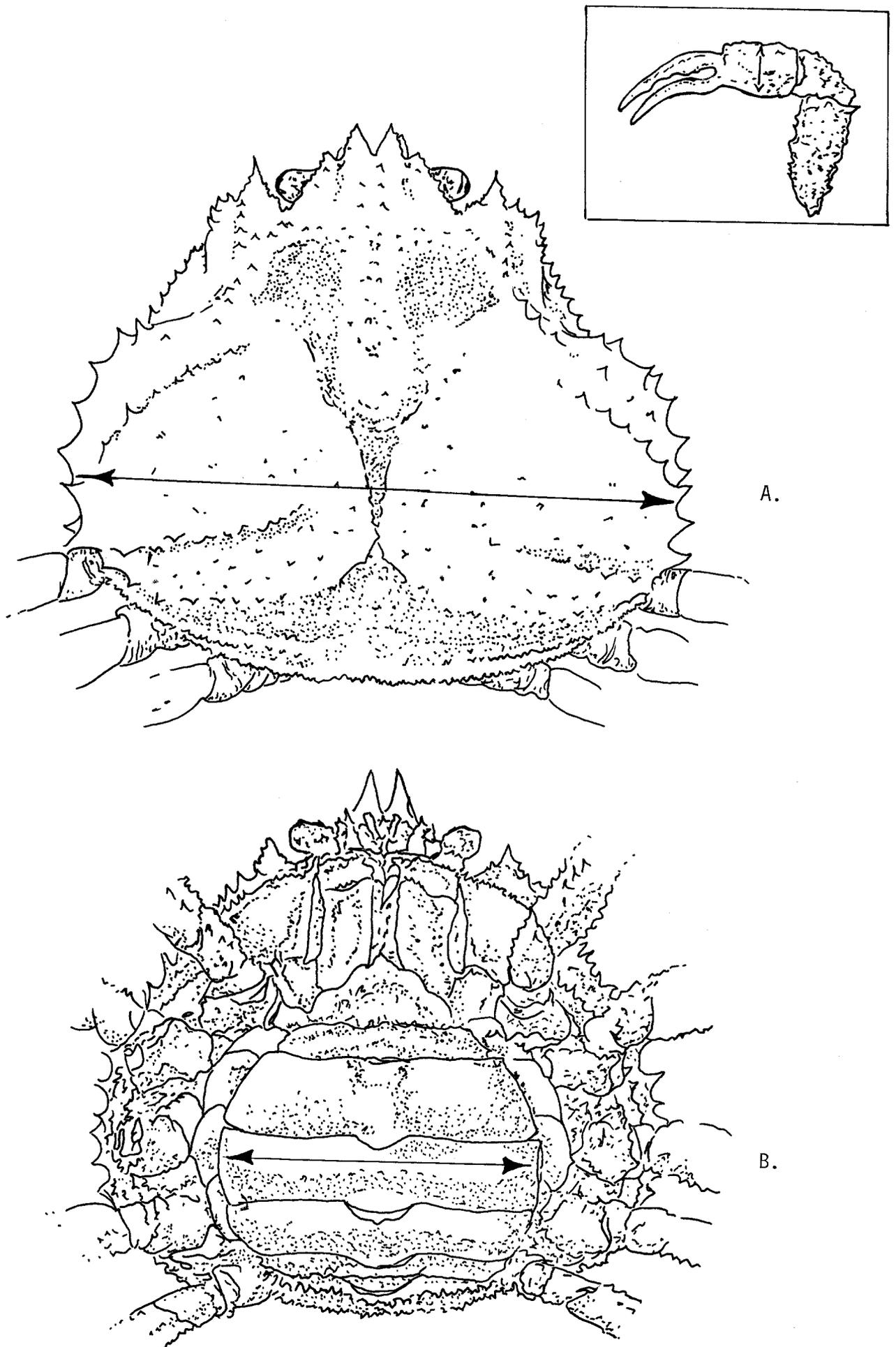


Figure 2. A) Carapace width and chela width measurement taken and  
B) Abdomen width measurement for the Tanner crab, *Chionoecetes bairdi*.

and egg condition were recorded. Commercial size Tanner crab were tagged and released.

All crab were released immediately after data collection and tagging.

Catch figures for individual pots were subsequently adjusted to reflect a standard 24 hour soak period (Table 2). The soak factors represent an approximation of a function derived by Rothschild et al. (1970) from Kodiak king crab logbook data.

## SURVEY RESULTS

### Introduction

Survey results are based on adjusted (24 h) fishing periods unless otherwise specified and are presented by geographic area in a series of tables and charts as follows:

- 1) Nautical charts depicting research station locations and average catch per pot by station of legal size  $\geq 140$  mm carapace width and sublegal size  $\leq 140$  mm carapace width male Tanner crab. Because of the changing nature of station locations and numbering systems between years and the size of the geographic areas surveyed, it is necessary to present annual survey results on separate charts, and in some years several charts are necessary to show station location and survey results. Kodiak area bay station results are not presented individually on charts but are depicted as a figure representing the entire bay system. This was done because Kodiak bay station locations have remained stable between 1973-1977 and are shown in a separate report (Donaldson and Hicks 1977).
- 2) Table presenting year class strengths for male Tanner crab by survey year.
- 3) Table presenting the number of male Tanner crab captured by exoskeletal age by survey year.
- 4) Figure presenting width frequency histograms by exoskeletal age for male Tanner crab by survey year.
- 5) Figure depicting research fishing effort by depth strata by survey year.
- 6) Tables presenting ocean and bay station catch data for male Tanner crab by survey year.

Table 2. Soak Factors Used to Standardize Individual Pot Soak Times

<u>Days Pots Soaked</u>	<u>Soak Factor</u>
0	0
1	1.00
2	1.50
3	2.00
4	2.33
5	2.67
6	3.00
7	3.25
8	3.50
9	3.75
$\geq 10$	4.00

(i.e. A 2-day soak is equivalent to 1.5,1-day soaks)

(i.e. The catch from a 1.5 day soak is divided by a soak factor of 1.25)

Relative Index Values (R.I.V.) of 1 are assigned by station to the average catch per pot of males  $\geq 140$  mm carapace width for the first year research results. Values relative to year 1 were calculated for subsequent years fishing through 1977 and used as an index of relative abundance.

#### Data Limitations and Assumptions

Limitations of the data which should be considered when analyzing the results of any one survey or comparing yearly surveys are:

- 1) Pots are selective for certain size crabs and the catch may be altered from the actual size composition of crab inhabiting the area.
- 2) Pot fishing is dependent on the crabs' attraction to the bait which may vary with size of crab and the ability of one size competing with another to enter the pot. Attraction to bait is probably also related to water current direction in relation to crab location.
- 3) Soak or fishing periods for individual pots differ, thereby necessitating the use of a function to standardize the number of crab caught to a 24 hour fishing period. This, at best, is only an approximation of what would be caught if each pot fished a standard 24 hours and is based on king crab logbook data.
- 4) Crabs can escape from pots.
- 5) Determining the fishing power of a pot(s) or fraction of the population captured per unit time and area is complex and difficult task for which current methodologies have produced variable results.
- 6) Fishing efficiency or the ability to fish the same locations changes with a change in vessels and skippers. Vessels and skippers have changed regularly from 1 year to the next in any one survey area.
- 7) Actual station patterns and spatial distribution between stations have varied, thereby increasing or decreasing effort in a defined area.
- 8) Time of fishing individual areas from year to year is not consistent. Since crabs are migratory and survey areas do not necessarily include all of the animal's range, there is a possibility of underestimating the population.

- 9) Systematic sampling was designed around defined king crab schools and does not necessarily cover major Tanner crab production areas.
- 10) Effort in terms of pots fished per depth interval varies.

Tanner crab behavioral traits are such that crabs one or more years away from attaining commercial size appear not to be captured by successive surveys in a manner reflecting predictable trends in year class or cohort strength. Therefore, direct comparison of results from year to year is difficult at best. Abundance estimates should be made in terms of relative numbers between survey years.

### Kodiak

Surveys were completed yearly from 1973 through 1977. Research station locations are presented on Figures 3 and 4. The greatest number of ocean stations (163) and bay stations (105) were fished in 1976 and 1977, respectively. Three hundred and sixty-one individual station locations (140 bay, 221 ocean) were fished over 5 years. Total number of pot lifts ranged from 2017 in 1974 to 1646 in 1977 (Table 1). Depth range of fishing was 9-269 meters (5-148 fm). Research effort in terms of pots fished per depth zone fluctuated between years. Comparing the 1977 effort by depth with previous years, it is apparent that effort shifted from sampling waters less than 118 m (65 fm) to waters greater than 118 m (65 fm) (Figure 5).

### Catch in Number of Crab:

Distribution patterns and catch of legal and sublegal crab are presented on Figures 6 to 15. Total males captured ranged from 33,504 in 1976 to 21,207 in 1973. The number of females captured (actual) was much lower than the male figure every year with a high of 7016 in 1974 and a low of 1494 in 1977 (Table 1). Appendix Table 1 and 2 present the average catch per pot by station by year with associated relative index values.

### Size Composition:

The average size of male Tanner crab captured ranged from 140 mm in 1974 to 150 mm in 1976 (Table 3). The most frequently captured size group were crabs  $\geq$  140 mm. This size group comprised 70% of the total male catch in 1973 and 1977.

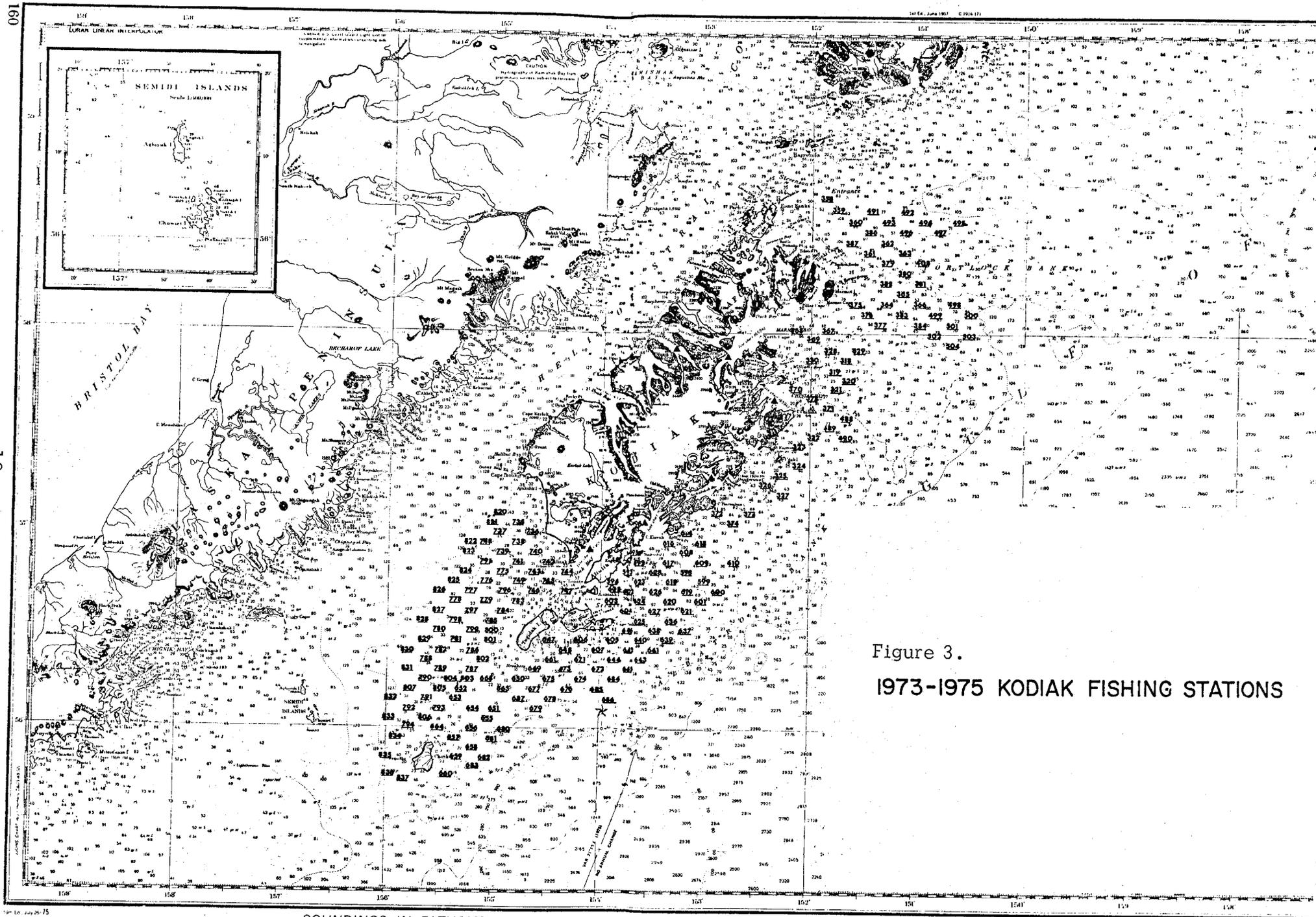


Figure 3.  
1973-1975 KODIAK FISHING STATIONS

CAUTION: LORAN-C STATIONS shown herein are scheduled to become operational on or after January 1, 1977 and should not be used for navigation without consulting the U.S. Coast Guard District Office in Mariners' Log for operational data.

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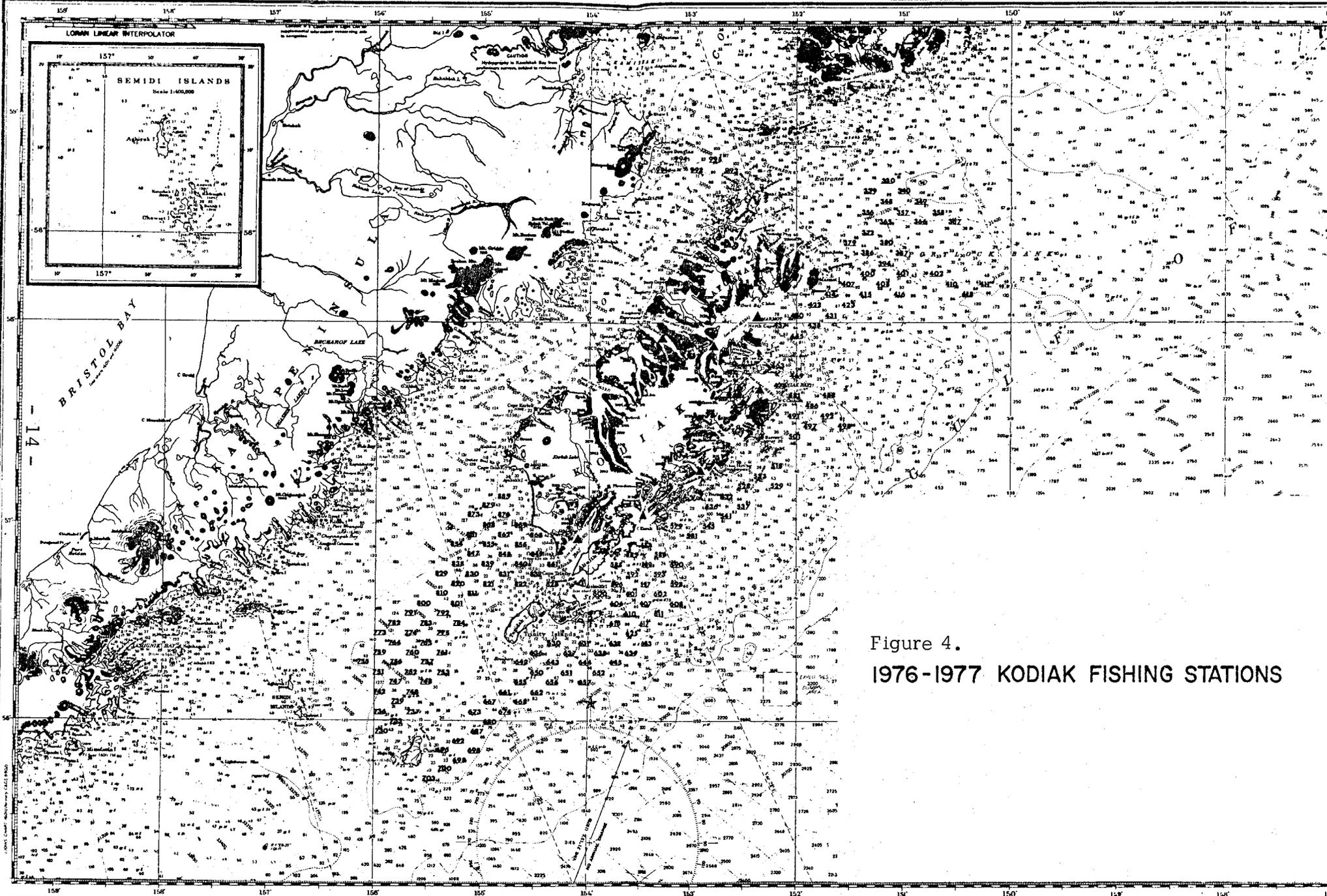


Figure 4.  
1976-1977 KODIAK FISHING STATIONS

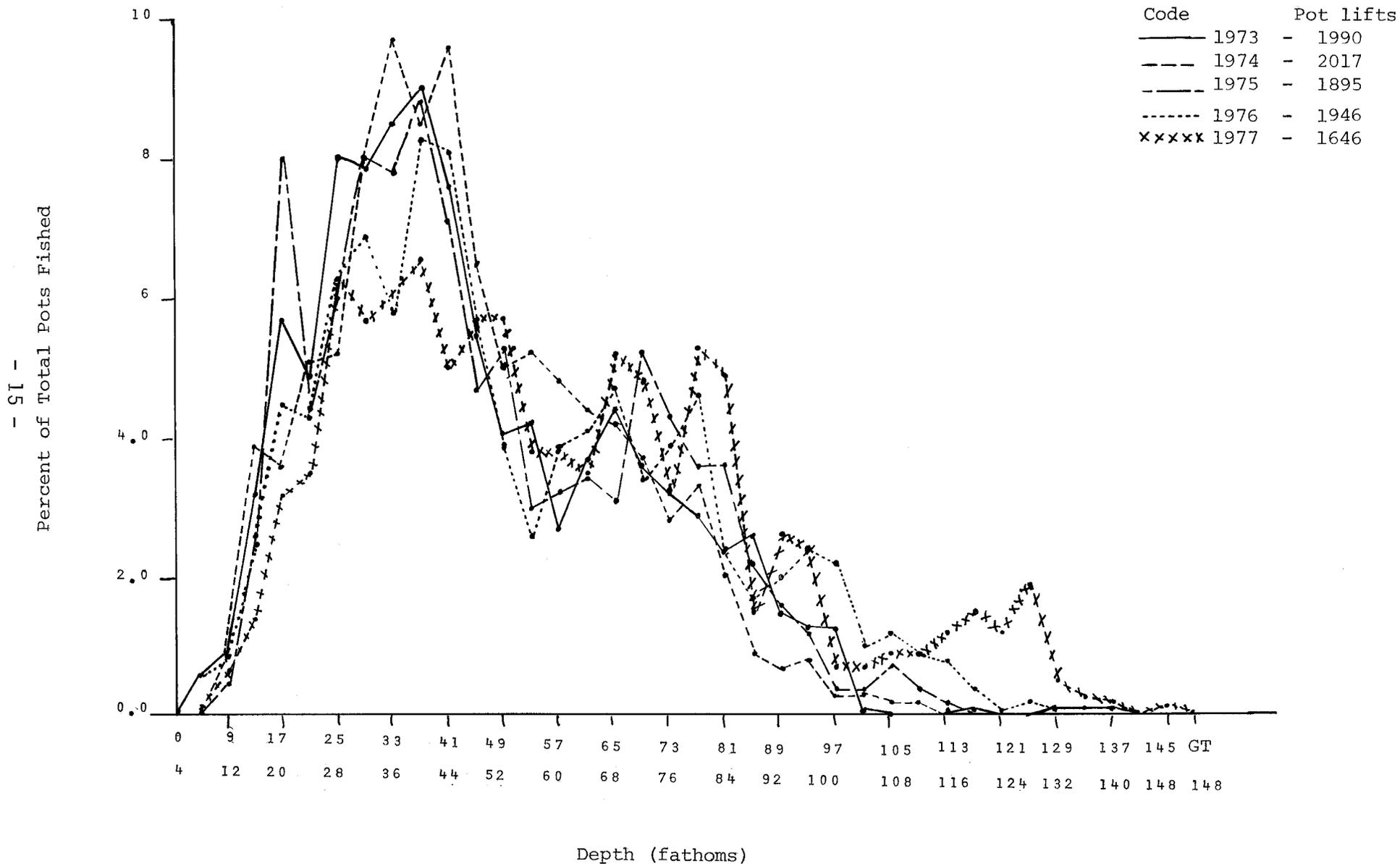


Figure 5 . . Percentage of the total number of pots fished by depth interval, 1973-1977, Kodiak.

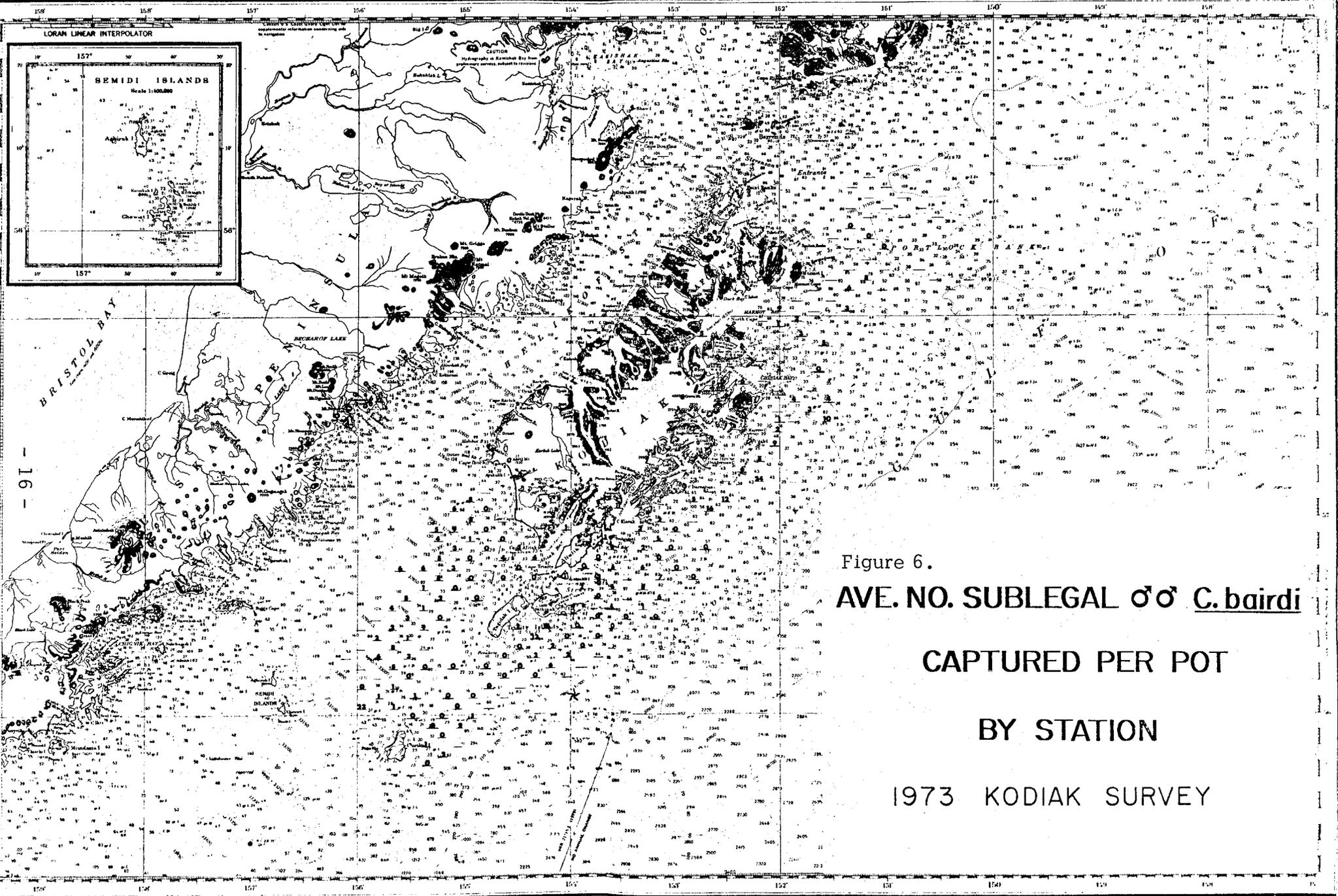


Figure 6.  
**AVE. NO. SUBLEGAL ♂♂ C. bairdi**  
**CAPTURED PER POT**  
**BY STATION**  
**1973 KODIAK SURVEY**

- 16 -

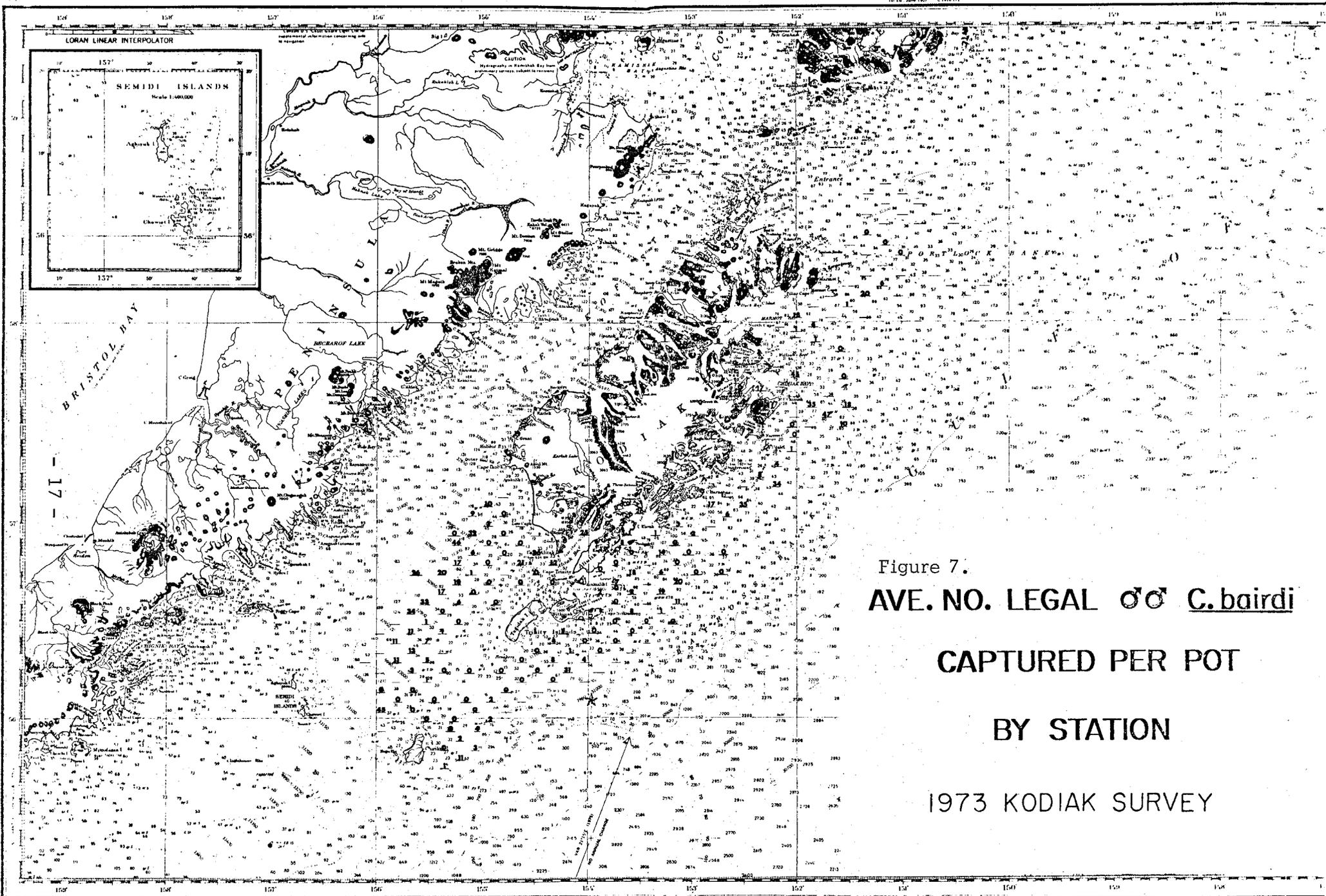


Figure 7.  
**AVE. NO. LEGAL ♂♂ *C. bairdi***  
**CAPTURED PER POT**  
**BY STATION**  
**1973 KODIAK SURVEY**

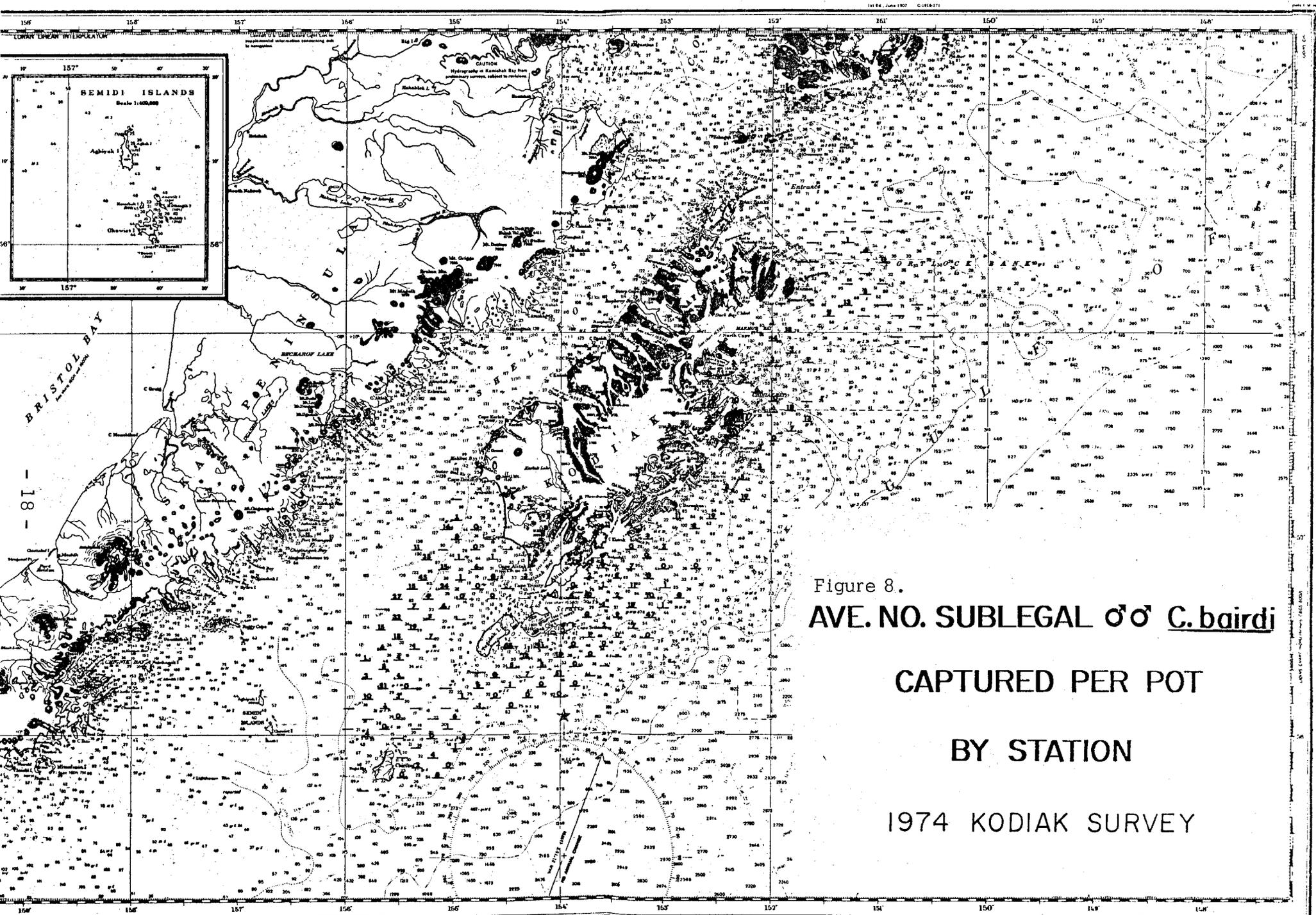


Figure 8.  
**AVE. NO. SUBLEGAL ♂♂ *C. bairdi***  
**CAPTURED PER POT**  
**BY STATION**  
**1974 KODIAK SURVEY**

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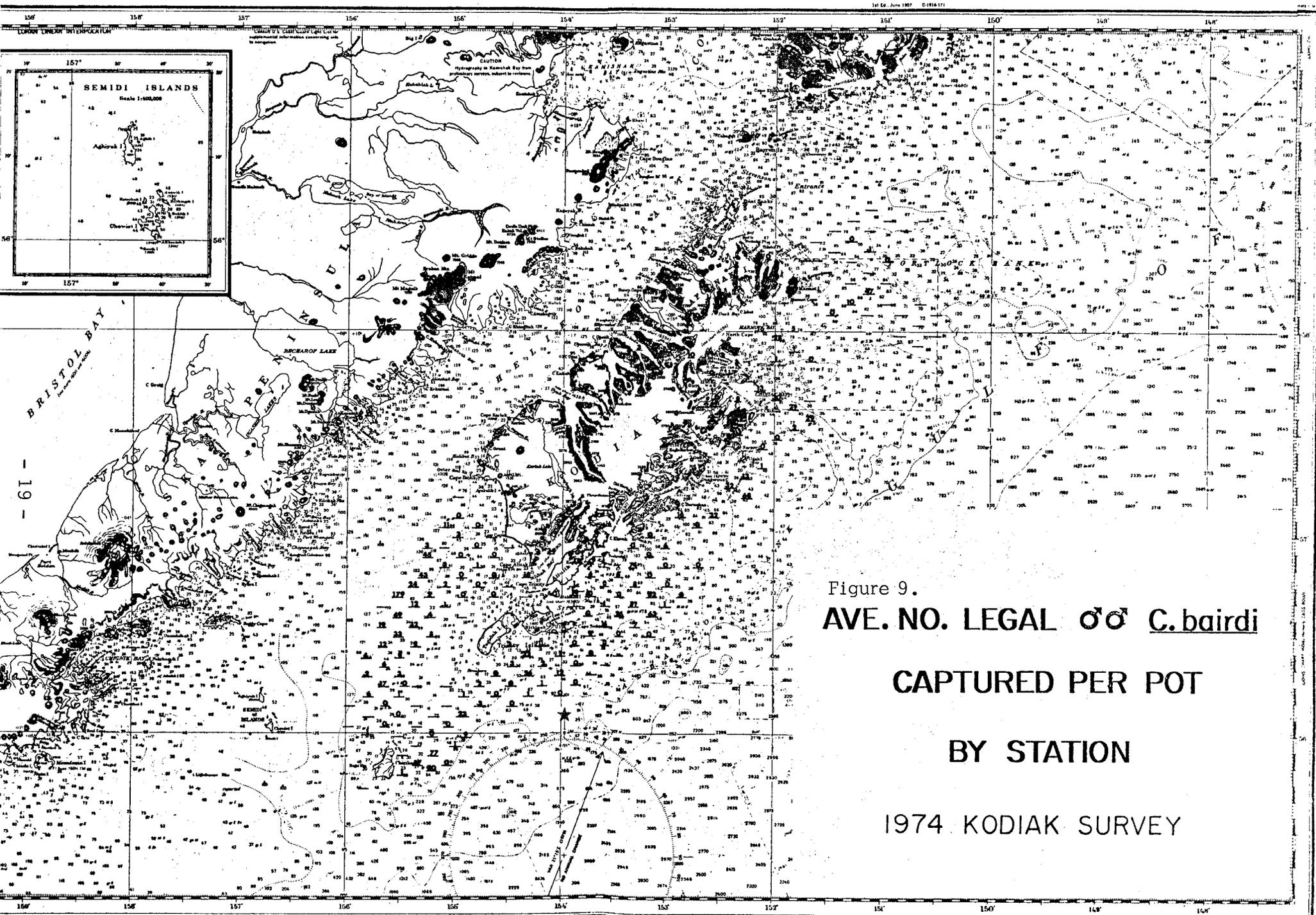


Figure 9.  
**AVE. NO. LEGAL ♂♂ C. bairdi**  
**CAPTURED PER POT**  
**BY STATION**  
**1974 KODIAK SURVEY**

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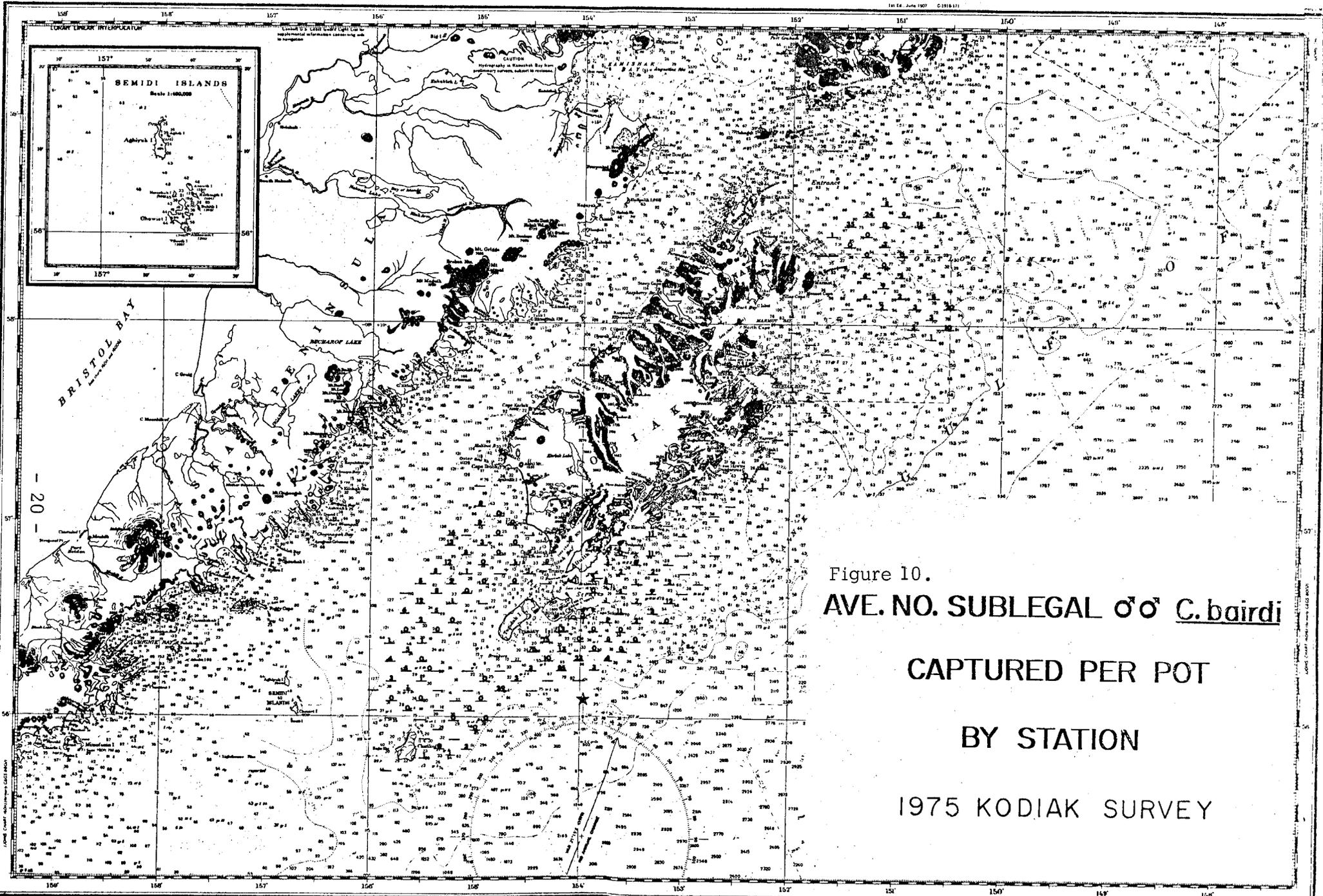


Figure 10.  
 AVE. NO. SUBLEGAL ♂♂ C. bairdi  
 CAPTURED PER POT  
 BY STATION  
 1975 KODIAK SURVEY



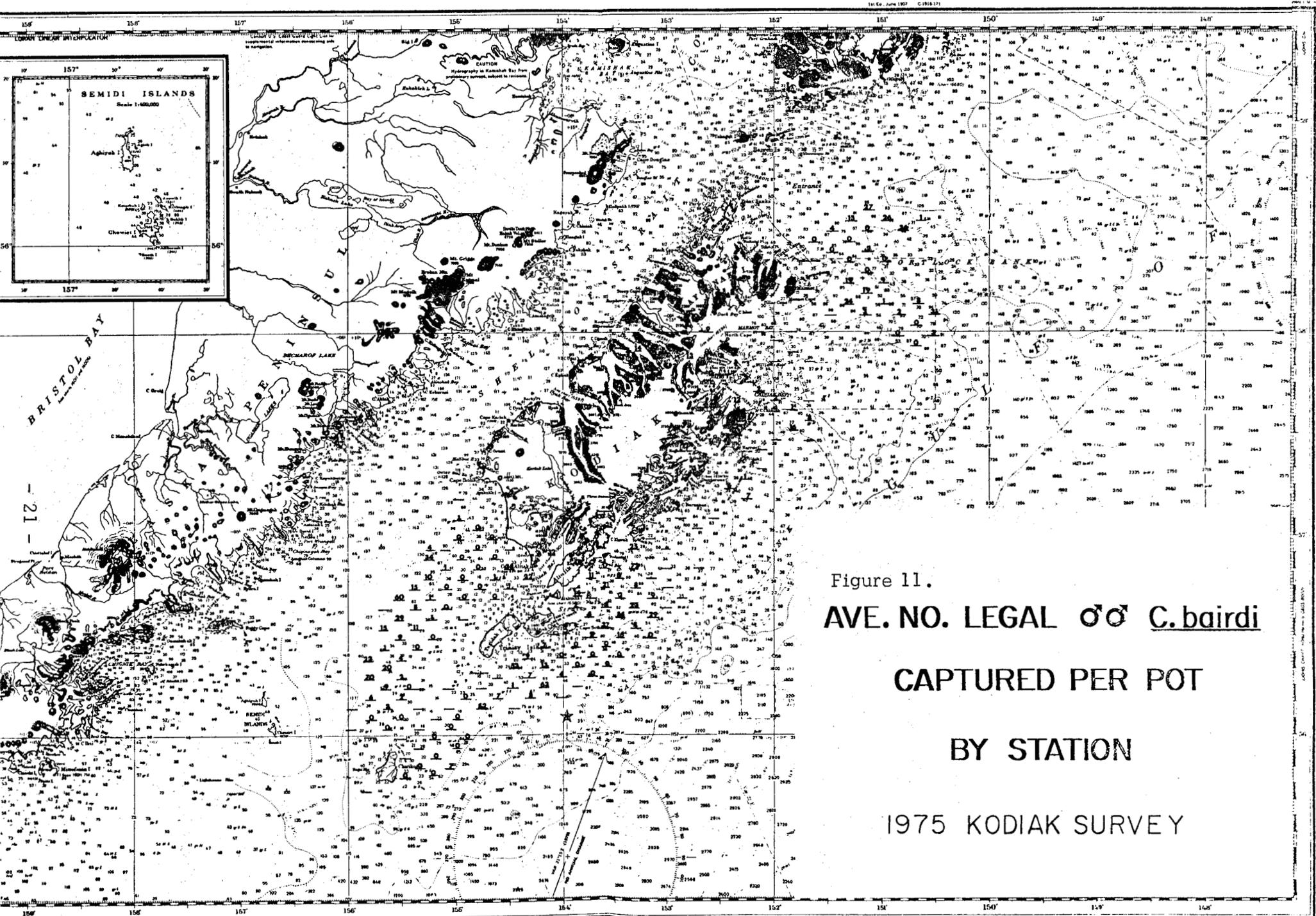


Figure 11.  
**AVE. NO. LEGAL ♂♂ C. bairdi**  
**CAPTURED PER POT**  
**BY STATION**  
**1975 KODIAK SURVEY**

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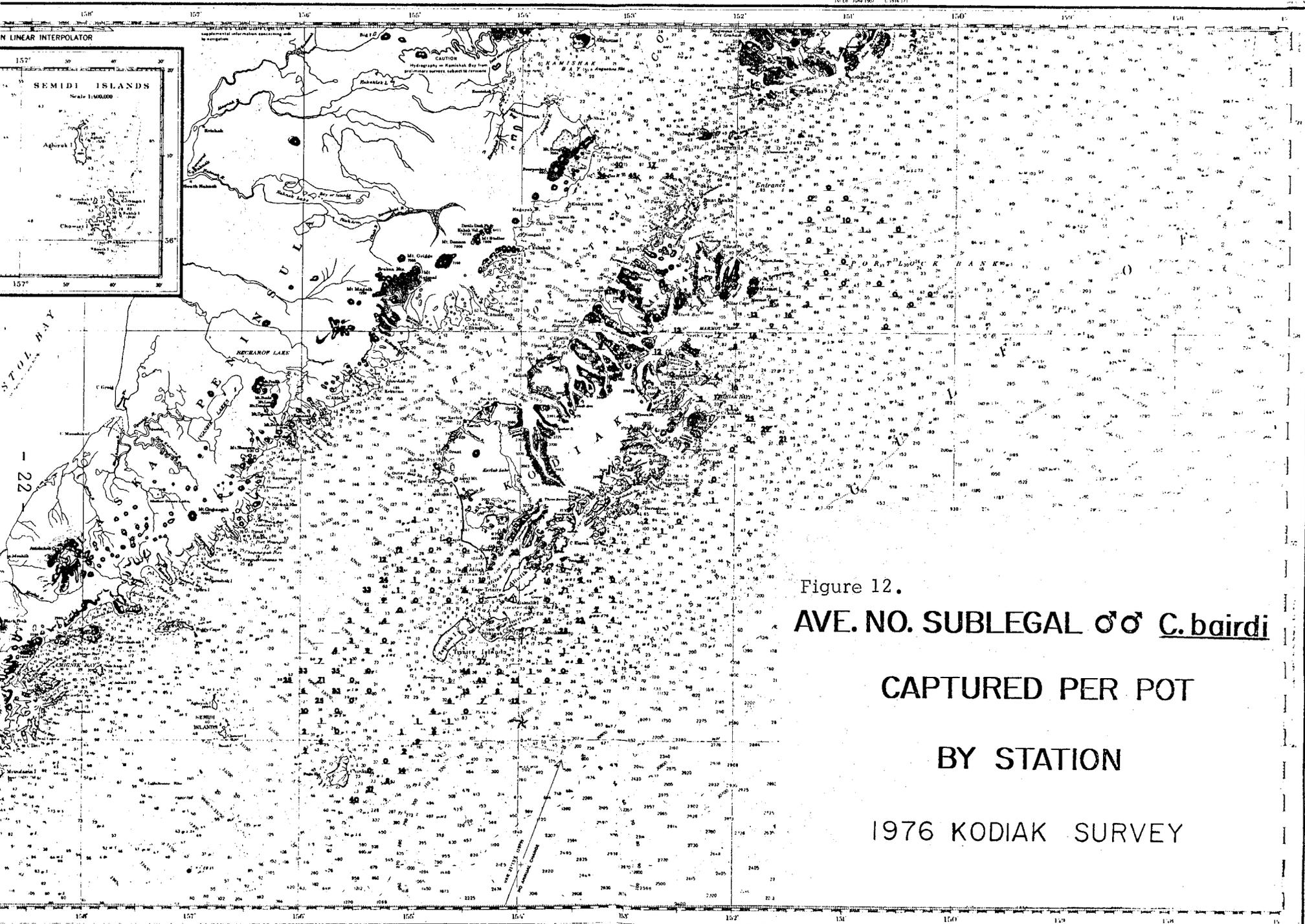


Figure 12.  
 AVE. NO. SUBLEGAL ♂♂ C. bairdi  
 CAPTURED PER POT  
 BY STATION  
 1976 KODIAK SURVEY

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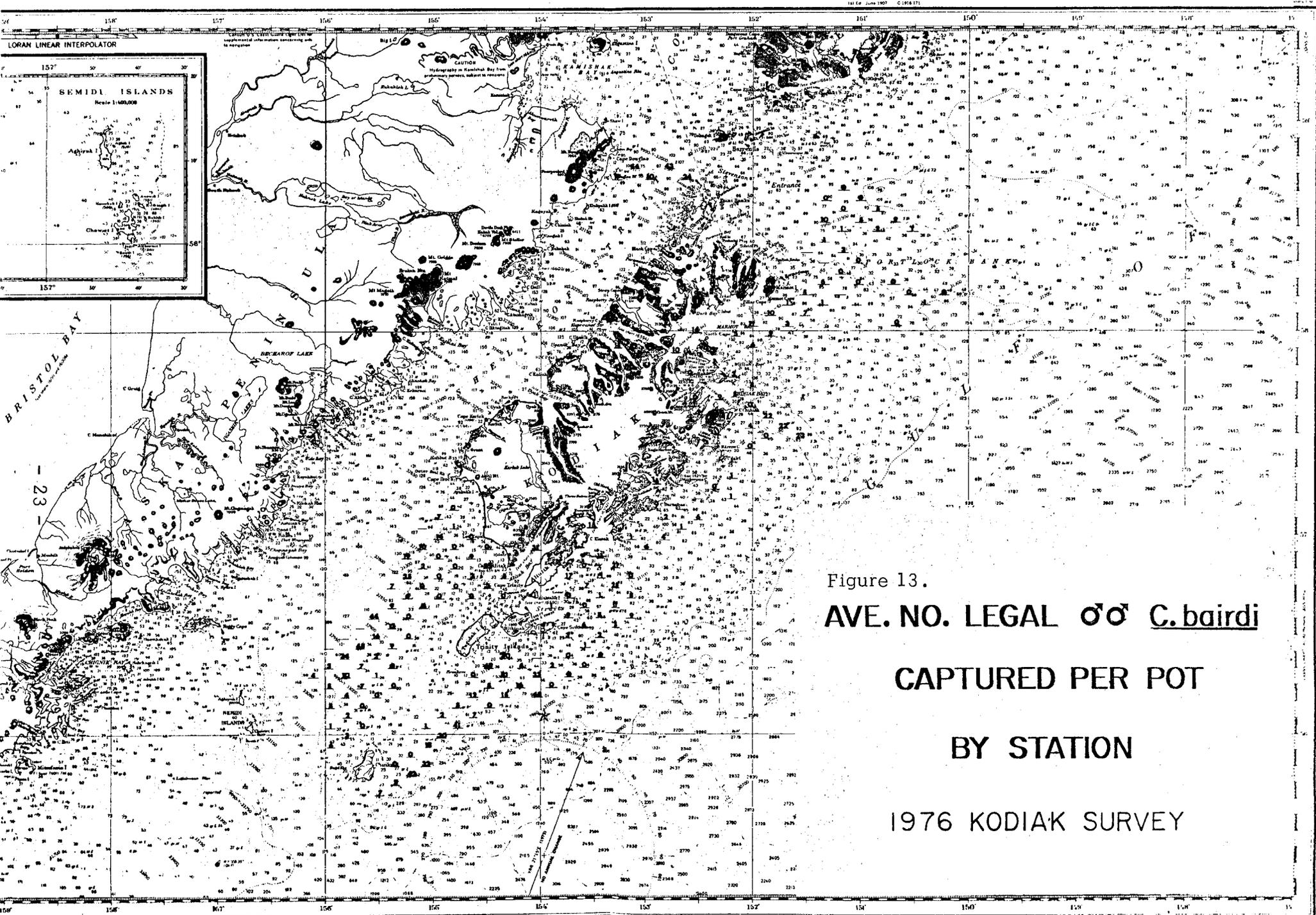


Figure 13.  
**AVE. NO. LEGAL ♂♂ C. bairdi**  
**CAPTURED PER POT**  
**BY STATION**  
**1976 KODIAK SURVEY**

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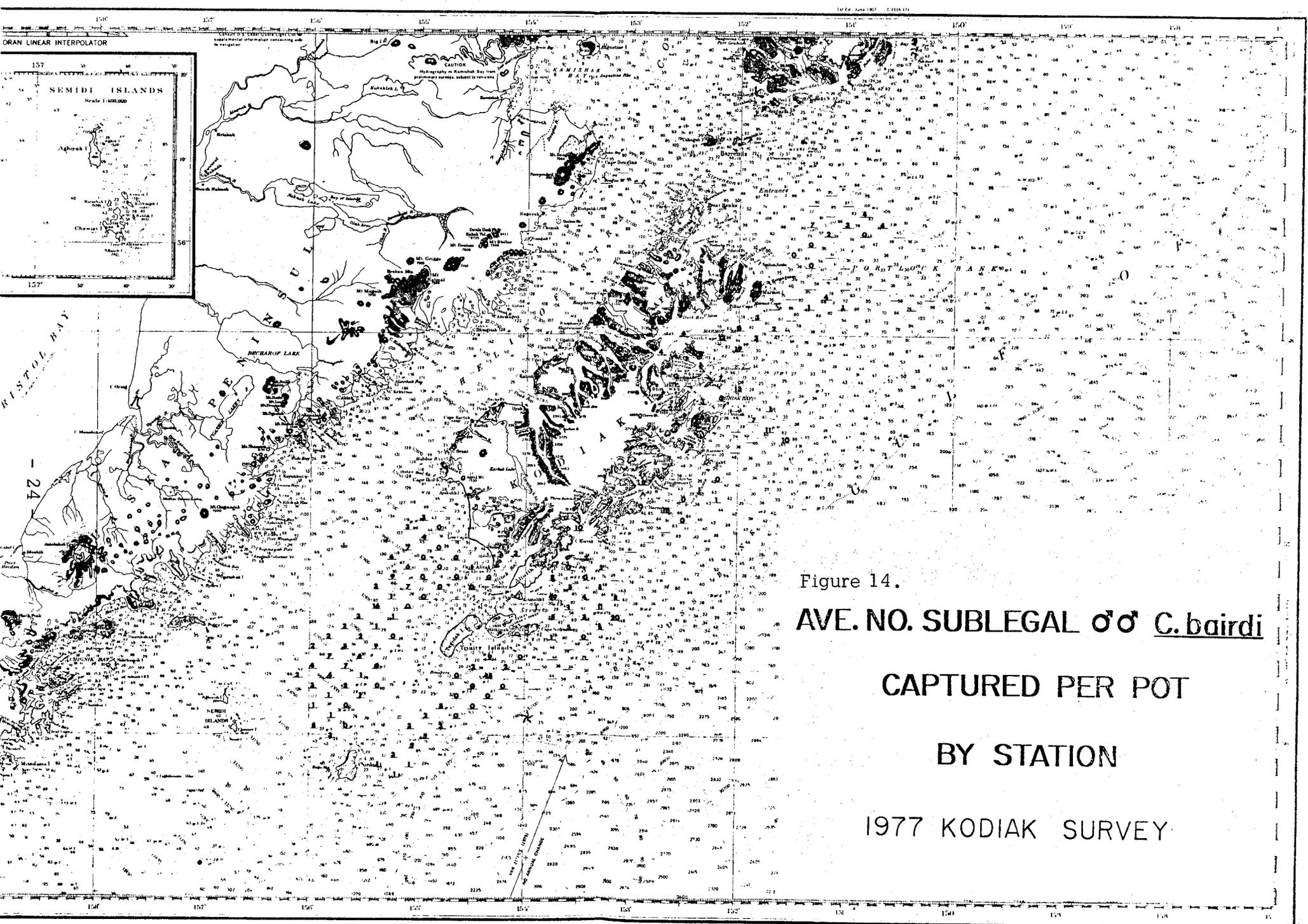


Figure 14.  
 AVE. NO. SUBLEGAL ♂♂ C. bairdi  
 CAPTURED PER POT  
 BY STATION  
 1977 KODIAK SURVEY

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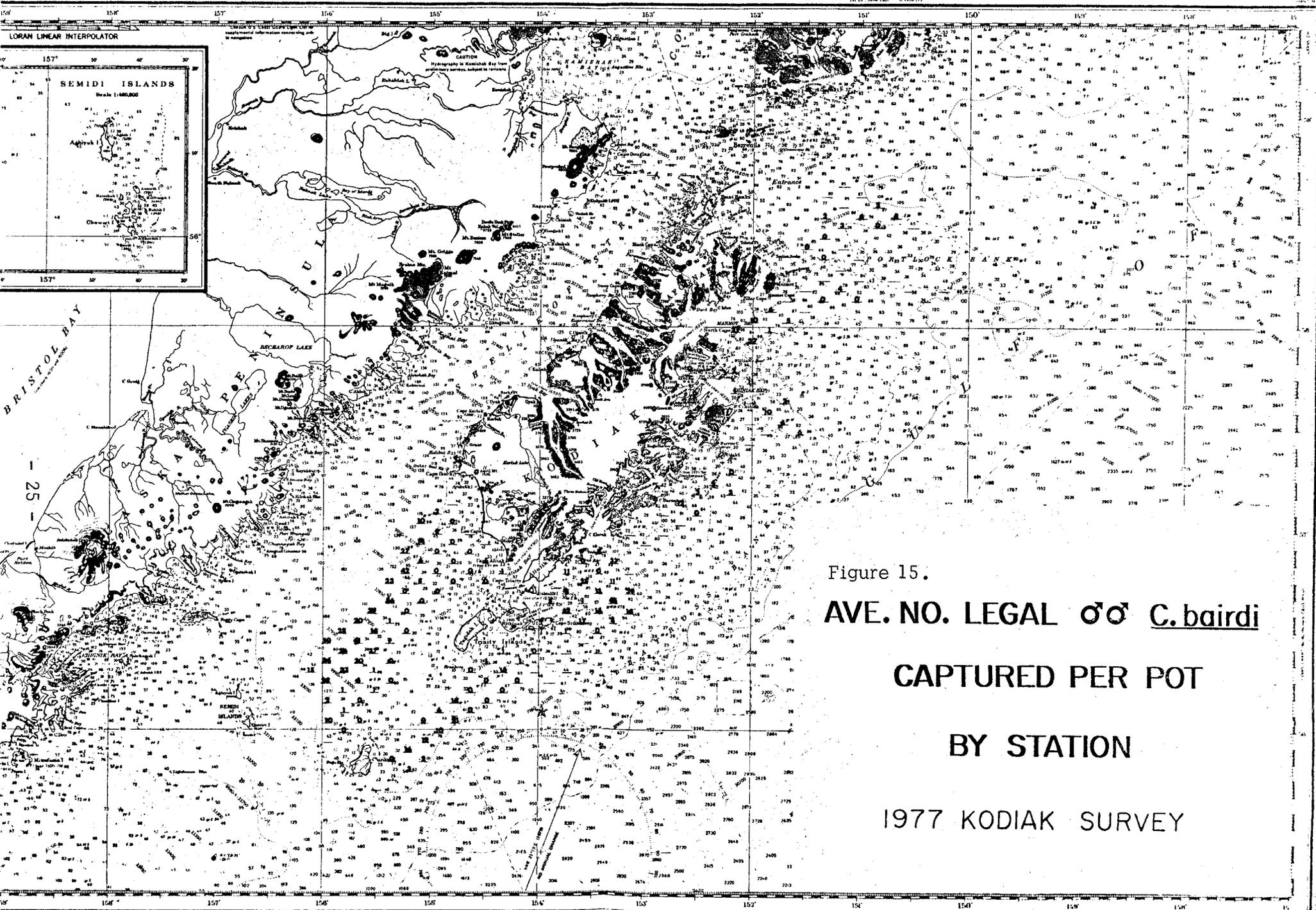


Figure 15.  
**AVE. NO. LEGAL ♂♂ C. bairdi**  
**CAPTURED PER POT**  
**BY STATION**  
**1977 KODIAK SURVEY**

Table 3 . Year class (Cohort) strengths by number of male Tanner crab *Chionoecetes bairdi* captured and percent of male catch for years 1973-1977, Kodiak

Cohort Group	1973		1974		1975		1976		1977	
	No.	%								
4 $\leq$ 69	52	.2	41	.1	7	.0	6	.0	4	.0
3 70-91	179	.8	947	2.8	122	.4	185	.6	36	.0
2 92-114	1252	5.9	4064	12.2	1836	6.2	2195	6.6	561	2.6
1 115-139	4934	23.3	9510	28.7	8829	29.7	10088	30.1	6135	27.9
Newshe11 R 140-164	5822	27.4	7035	21.2	5288	17.8	6931	20.7	7293	33.2
Oldshe11+ VOS PR 1 140-164	4614	21.7	6209	18.7	9499	31.9	9394	28.0	4826	21.9
PR 2 $\geq$ 165	4354	20.5	5368	16.1	4065	13.7	4703	14.0	3142	14.3
Legal TOTAL $\geq$ 140	14790	69.7	18612	56.0	18852	63.3	21028	62.8	15261	69.4
TOTAL CRABS X (mm)	21207 148		33170 140		29734 144		33504 150		22009 148	
POT LIFTS	1990		2017		1895		1946		1646	

### Exoskeletal Age:

Newshell crabs were the most abundant in every year, up to 60%, except for 1975 when they accounted for only 39% of the catch (Table 4). Oldshell crabs were the second most abundant category except for 1975 when they accounted for 53% of the catch. Very oldshell crabs were always the least abundant ranging from a low of 2.6% in 1974 to 15.6% in 1977. The number of newshell, oldshell, and very oldshell crab by carapace width captured each survey are depicted on Figures 16 to 20.

### Cohort Analysis:

Year class strengths by number and percent of male Tanner crab captured are presented in Table 3. An analysis of this data shows no pronounced trends in year class strengths and appears to vary somewhat unpredictably when attempting to follow various size classes (cohorts) from age of entry in the samples through subsequent attainment of legal size and beyond.

### Sand Point

Surveys were completed yearly from 1974 through 1977. Research station locations are presented on Figures 21A to 23. The greatest number of ocean stations (49) and bay stations (82) were fished in 1976 and 1974, respectively. Three hundred and thirteen individual station locations (209 bay, 104 ocean) were fished over the 4 year period. Total number of pot lifts ranged from 354 to 801 in 1977 and 1976, respectively. Depth range of fishing was 13 to 242 meters (4-133 fm) (see Table 1). Research effort in terms of pots fished per depth zone varied between years. In 1977 more sampling was conducted in waters of less than 60 meters (33 fm) than in any previous year while sampling in waters greater than 60 meters (30 fm) decreased by 40-50% between 73-109 meters (40-60 fm) (Figure 24).

### Catch in Number of Crab:

Distribution patterns and catch figures for legal and sublegal crab are presented on Figures 25A to 32. Total males captured ranged from 27,109 in 1976 to 11,023 in 1977. The number of females captured (actual) was, in every year, lower than the male figure with a high of 6518 in 1976 to a low of 1048 in 1977 (Table 1). Appendix Tables 3 and 4 present the average catch per pot by station by year with associated relative index values.

Table 4. Number of male Tanner crab *Chionoecetes bairdi* captured by cohort and exoskeletal age group, 1973-1977, Kodiak

Cohort Group	1973			1974			1975			1976			1977		
	NS	OS	VOS	NS	OS	VOS	NS	OS	VOS	NS	OS	VOS	NS	OS	VOS
Fours $\leq$ 69	38	12	2	38	3	0	7	0	0	3	3	0	2	2	0
Threes 70-91	120	36	23	836	105	6	91	22	9	100	46	39	21	7	8
Twos 92-114	464	616	172	2431	1445	188	978	667	182	1060	835	300	279	206	76
Ones 115-139	1897	2635	402	4738	4297	475	3874	4157	798	4917	4065	1115	3920	1636	579
Newshe11 Recruits 140-164	5822	-	-	7035	-	-	5288	-	-	6931	-	-	7293	-	-
Post recruits Oldshell + 1 VOS	-	4416	198	-	6059	150	-	8564	935	-	7106	2288	-	2662	2164
Post Recruits $\geq$ 165 2	3078	1245	31	3275	2076	17	1331	2546	188	1939	2042	722	1810	717	615
TOTAL	11419	8960	828	18356	13987	836	11569	16056	2112	14950	14082	4464	13325	5230	3442
% of TOTAL	53.8	42.3	3.9	55.3	42.2	26.3	38.9	53.9	7.1	44.6	42.0	13.3	60.6	23.8	15.6

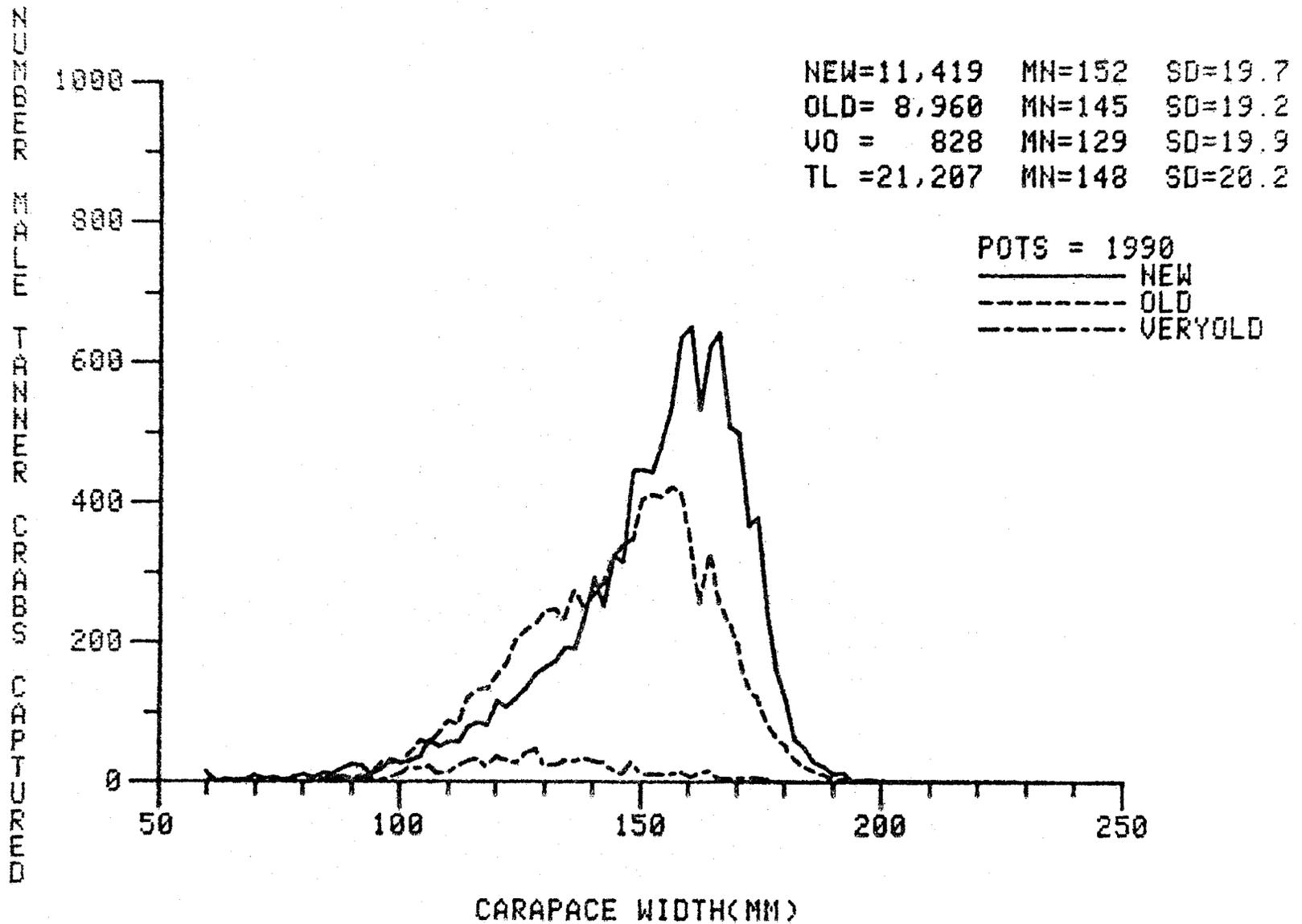


Figure 16. Carapace width frequency of new, old, and very old shell male Tanner crab, *Chionoecetes bairdi*, captured on the 1973 Kodiak survey.









For Symbols and Abbreviations see Chart No. 1  
 Note: This chart is a reproduction of the original chart published by the Hydrographic Office, Washington, D.C., and is subject to the same conditions of sale and use as the original chart.

**LOTRAN-C**  
 GENERAL EXPLANATION  
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UNITED STATES  
 ALASKA—SOUTH COAST  
 ALASKA PENINSULA  
 SHUMAGIN ISLANDS TO SANAK ISLANDS

Scale: 1:50,000  
 North Arrow: 1974  
 Magnetic Variation: 1974  
 True North: 1974

SOUNDINGS IN FATHOMS  
 AT MEAN LOWER LOW WATER

SOUNDINGS IN FATHOMS

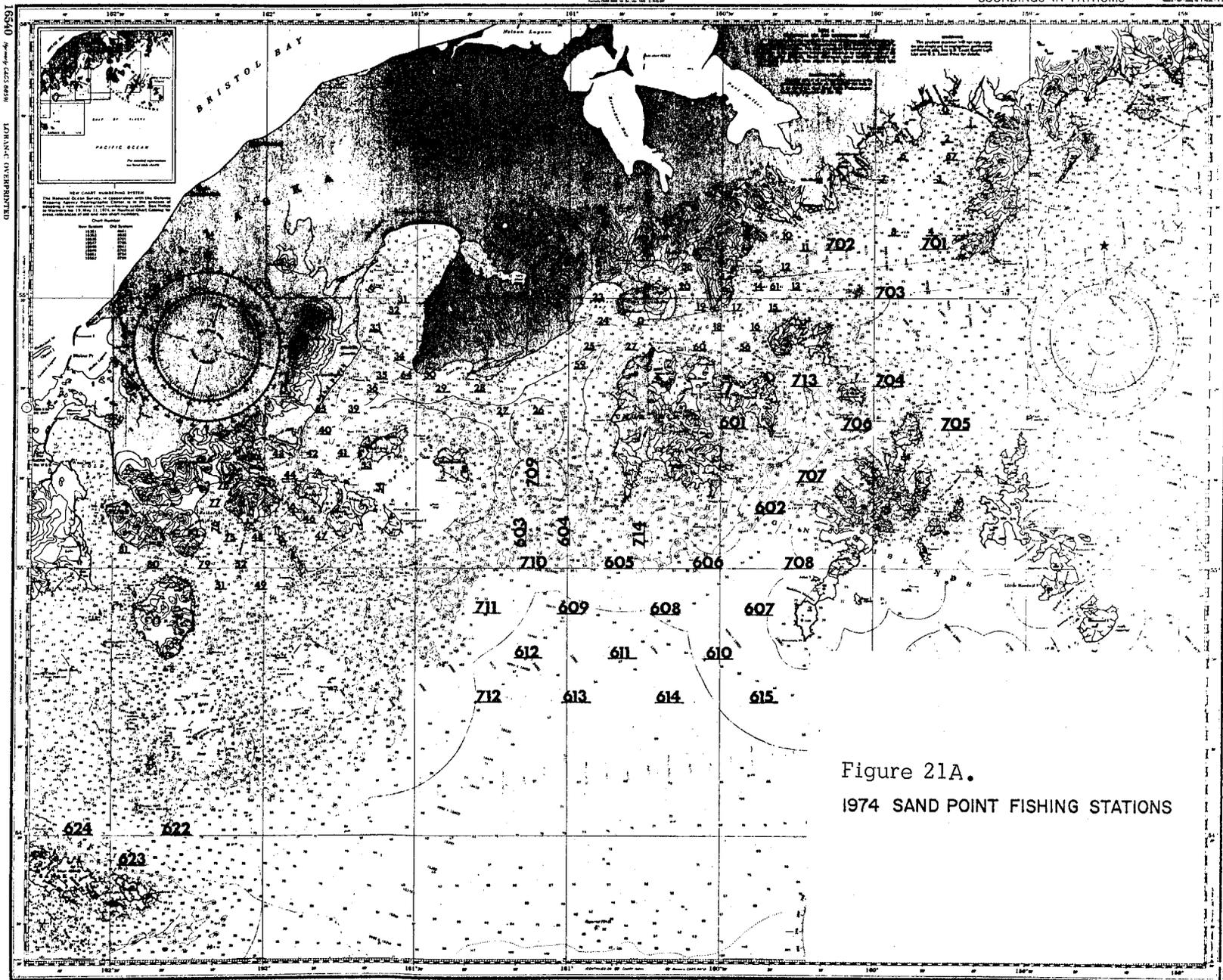


Figure 21A.  
 1974 SAND POINT FISHING STATIONS

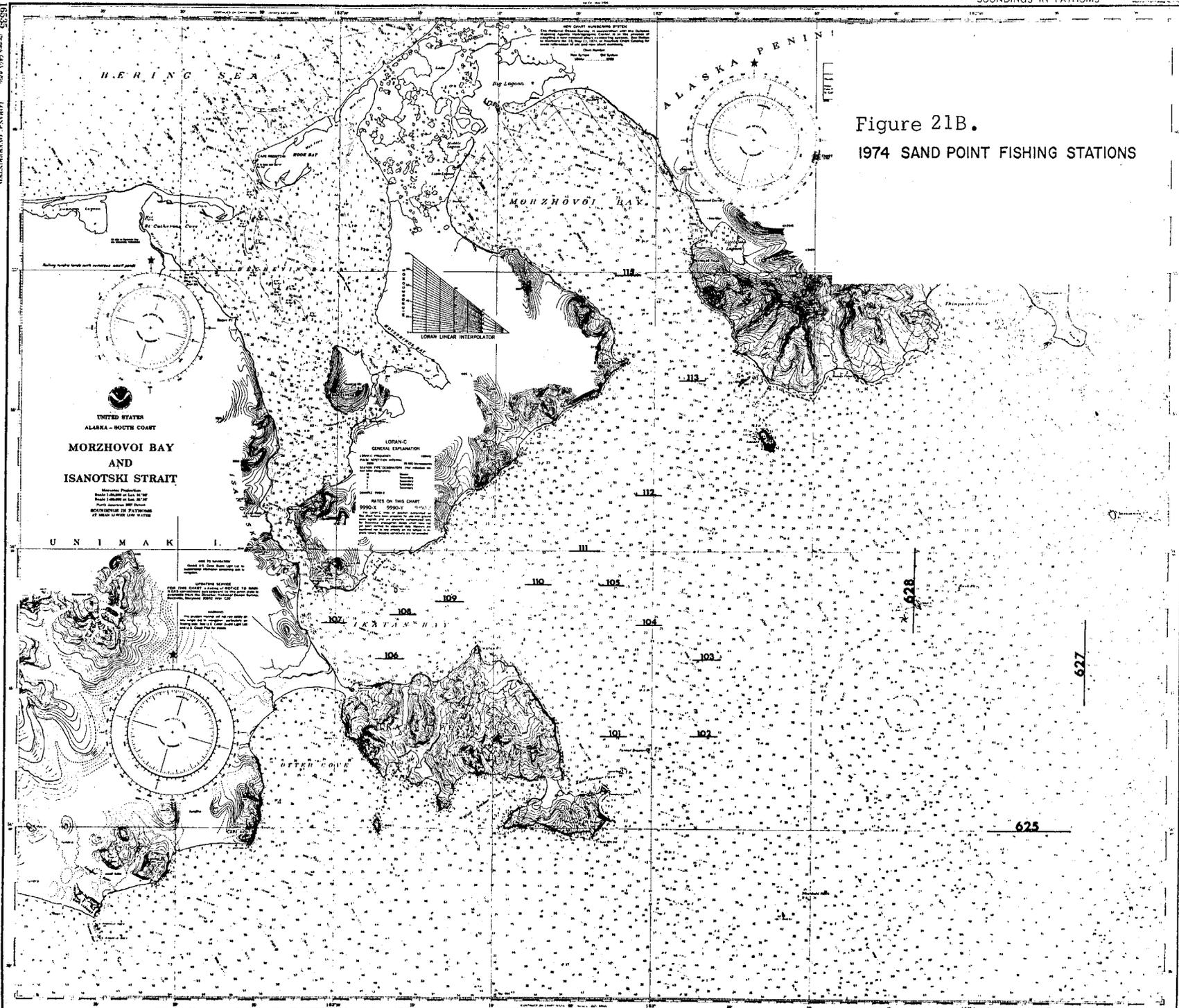


Figure 21B.  
1974 SAND POINT FISHING STATIONS

- 35 -



For Symbols and Abbreviations See Chart No. 1  
 (Chart No. 1 Symbols and Abbreviations are published in the 1975 Edition of the International Hydrographic Association's "SOUNDINGS IN FATHOMS" and "SOUNDINGS IN METERS" and are available from the Hydrographic Office, Washington, D.C. 20340.)

**LORAN-C**  
 GENERAL EXPLANATION  
 DATE OF ISSUE: 1986  
 DATE OF REVISION: 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025

UNITED STATES  
 ALASKA—SOUTH COAST  
 ALASKA PENINSULA  
**SHUMAGIN ISLANDS TO SANAK ISLANDS**

**SOUNDINGS IN FATHOMS**  
 HORIZONTAL SCALE: 1:50,000  
 VERTICAL SCALE: 1:50,000  
 NORTH ARROW: 0° 00' 00" (True)  
 MAGNETIC VARIATION: 1985  
 MAGNETIC DEVIATION: 1985  
 MAGNETIC ANGLE: 1985  
 MAGNETIC ANGLE: 1985  
 MAGNETIC ANGLE: 1985

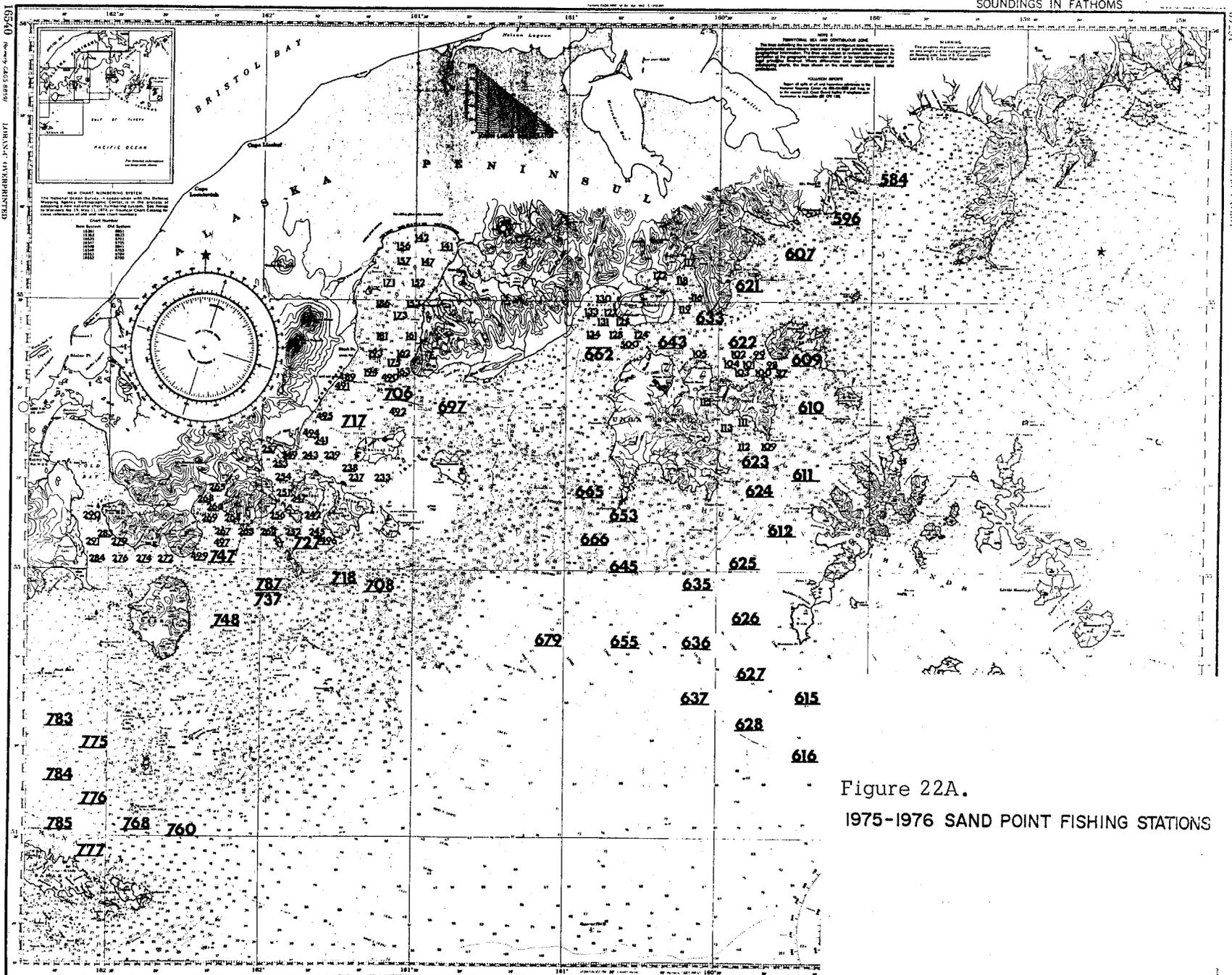
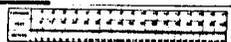


Figure 22A.  
 1975-1976 SAND POINT FISHING STATIONS



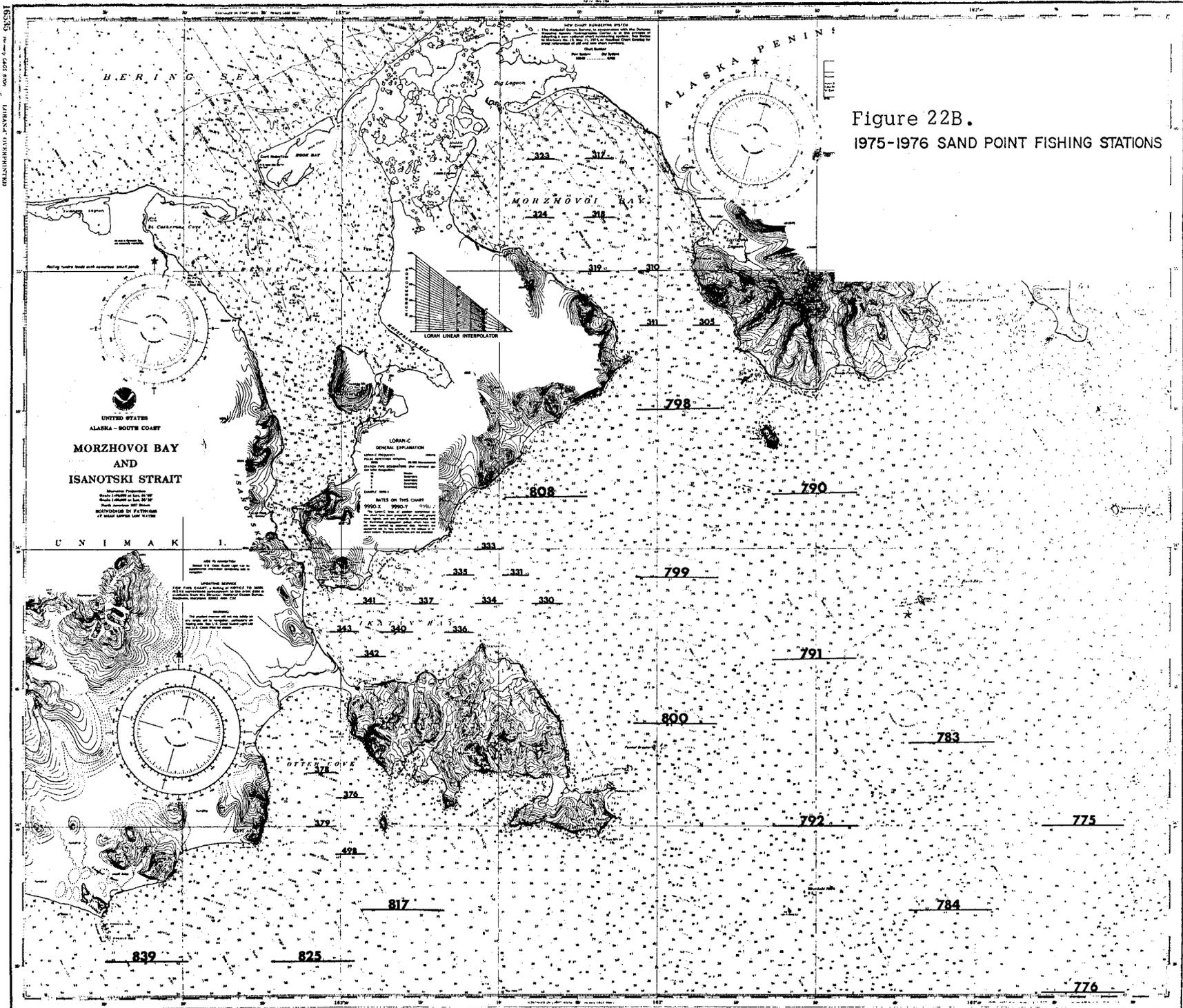


Figure 22B.  
1975-1976 SAND POINT FISHING STATIONS

MORZHOVOI BAY  
AND  
ISANOTSKI STRAIT

LOAN-C  
GENERAL EXPLANATION

LOAN-C  
GENERAL EXPLANATION

NOTES ON THIS CHART

9950-X 9990-Y 9950-Z



UNITED STATES  
ALASKA-SOUTH COAST  
ALASKA PENINSULA  
SHUMAGIN ISLANDS TO SANAK ISLANDS

SOUNDINGS IN FATHOMS  
AT MEAN LOWER LOW WATER

SOUNDINGS IN FATHOMS

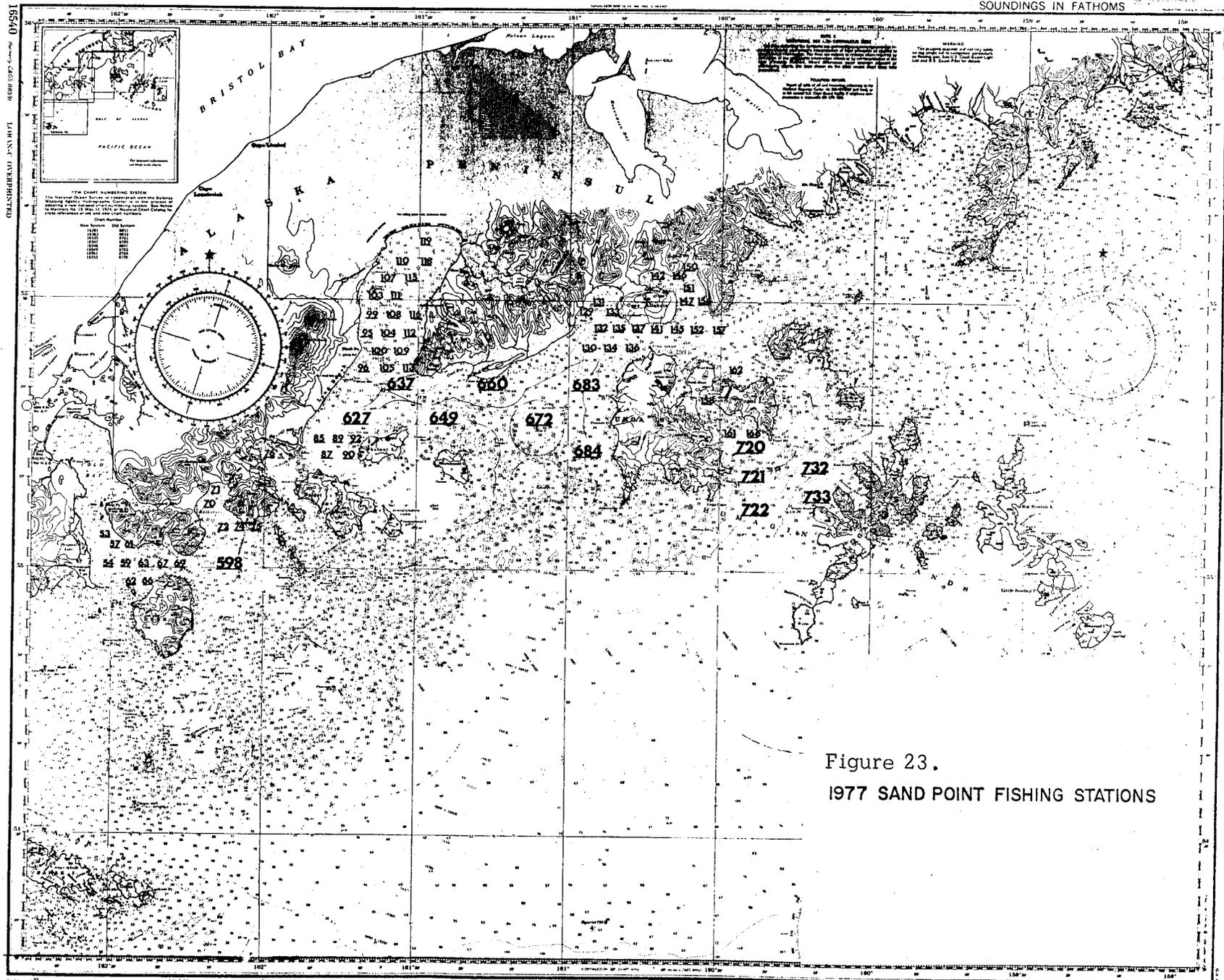


Figure 23.  
1977 SAND POINT FISHING STATIONS

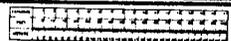
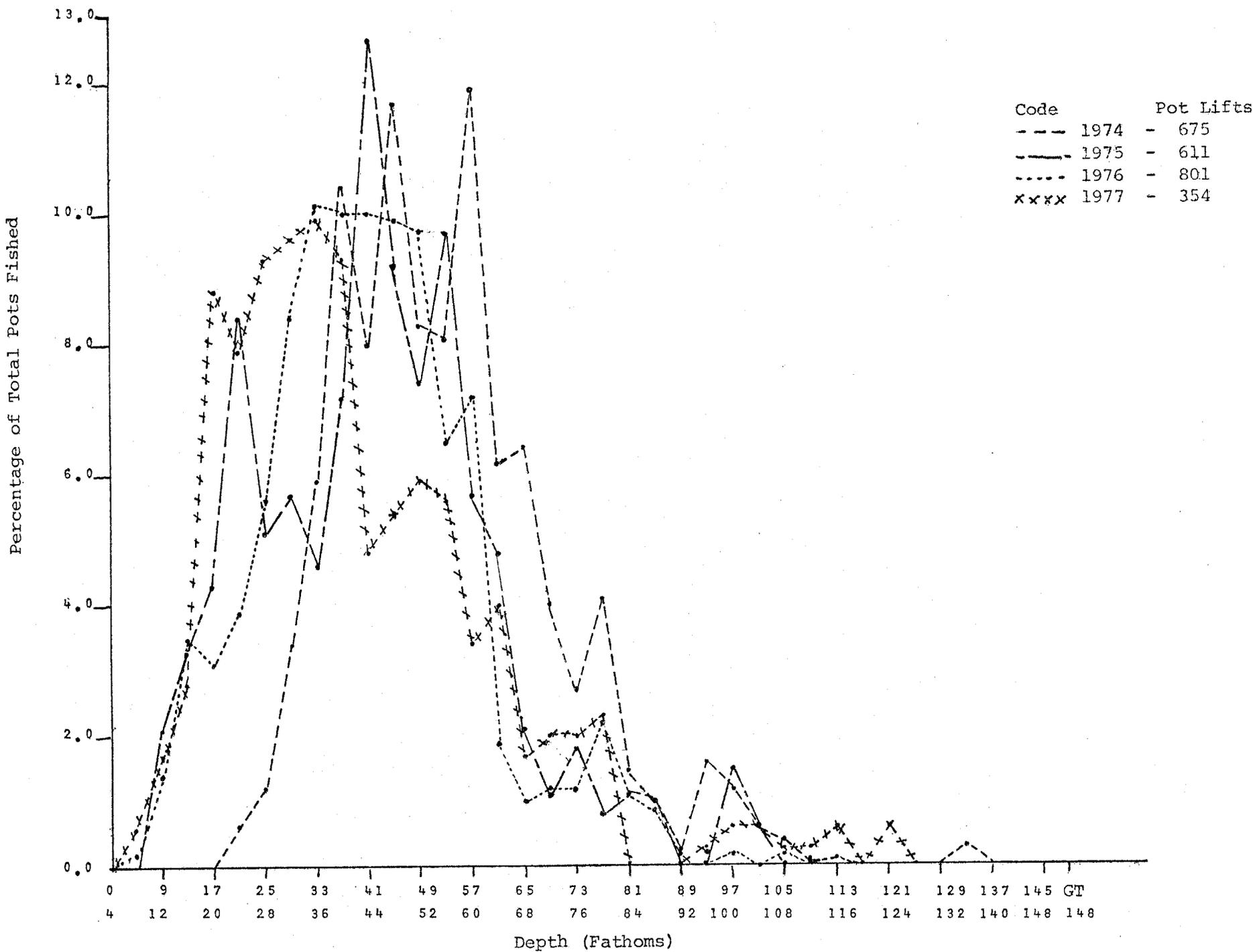


Figure 24. Percentage of the total number of pots fished by depth interval 1974-1977, Sand Point.



By Order and Approval of the Chief of the Bureau of Navigation, U.S. Navy

NOTE: This chart is a reproduction of the original chart published in 1974 and should not be used for navigation without consulting the latest Coast Chart Change Tables or Notices to Mariners for amendments.

**LORAN-C**  
GENERAL EXPLANATION  
CLASS C RECEIVERS  
CLASS B RECEIVERS  
CLASS A RECEIVERS  
CLASS X RECEIVERS  
CLASS Y RECEIVERS  
CLASS Z RECEIVERS  
CLASS W RECEIVERS  
CLASS V RECEIVERS  
CLASS U RECEIVERS  
CLASS T RECEIVERS  
CLASS S RECEIVERS  
CLASS R RECEIVERS  
CLASS Q RECEIVERS  
CLASS P RECEIVERS  
CLASS O RECEIVERS  
CLASS N RECEIVERS  
CLASS M RECEIVERS  
CLASS L RECEIVERS  
CLASS K RECEIVERS  
CLASS J RECEIVERS  
CLASS I RECEIVERS  
CLASS H RECEIVERS  
CLASS G RECEIVERS  
CLASS F RECEIVERS  
CLASS E RECEIVERS  
CLASS D RECEIVERS  
CLASS C RECEIVERS  
CLASS B RECEIVERS  
CLASS A RECEIVERS  
CLASS X RECEIVERS  
CLASS Y RECEIVERS  
CLASS Z RECEIVERS  
CLASS W RECEIVERS  
CLASS V RECEIVERS  
CLASS U RECEIVERS  
CLASS T RECEIVERS  
CLASS S RECEIVERS  
CLASS R RECEIVERS  
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CLASS O RECEIVERS  
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CLASS M RECEIVERS  
CLASS L RECEIVERS  
CLASS K RECEIVERS  
CLASS J RECEIVERS  
CLASS I RECEIVERS  
CLASS H RECEIVERS  
CLASS G RECEIVERS  
CLASS F RECEIVERS  
CLASS E RECEIVERS  
CLASS D RECEIVERS

UNITED STATES  
ALASKA—SOUTH COAST  
ALASKA PENINSULA  
SHUMAGIN ISLANDS TO SANAK ISLANDS

NOTE: This chart is a reproduction of the original chart published in 1974 and should not be used for navigation without consulting the latest Coast Chart Change Tables or Notices to Mariners for amendments.

BOUNDINGS IN FATHOMS  
AT MEAN LOWER LOW WATER

SOUNDINGS IN FATHOMS

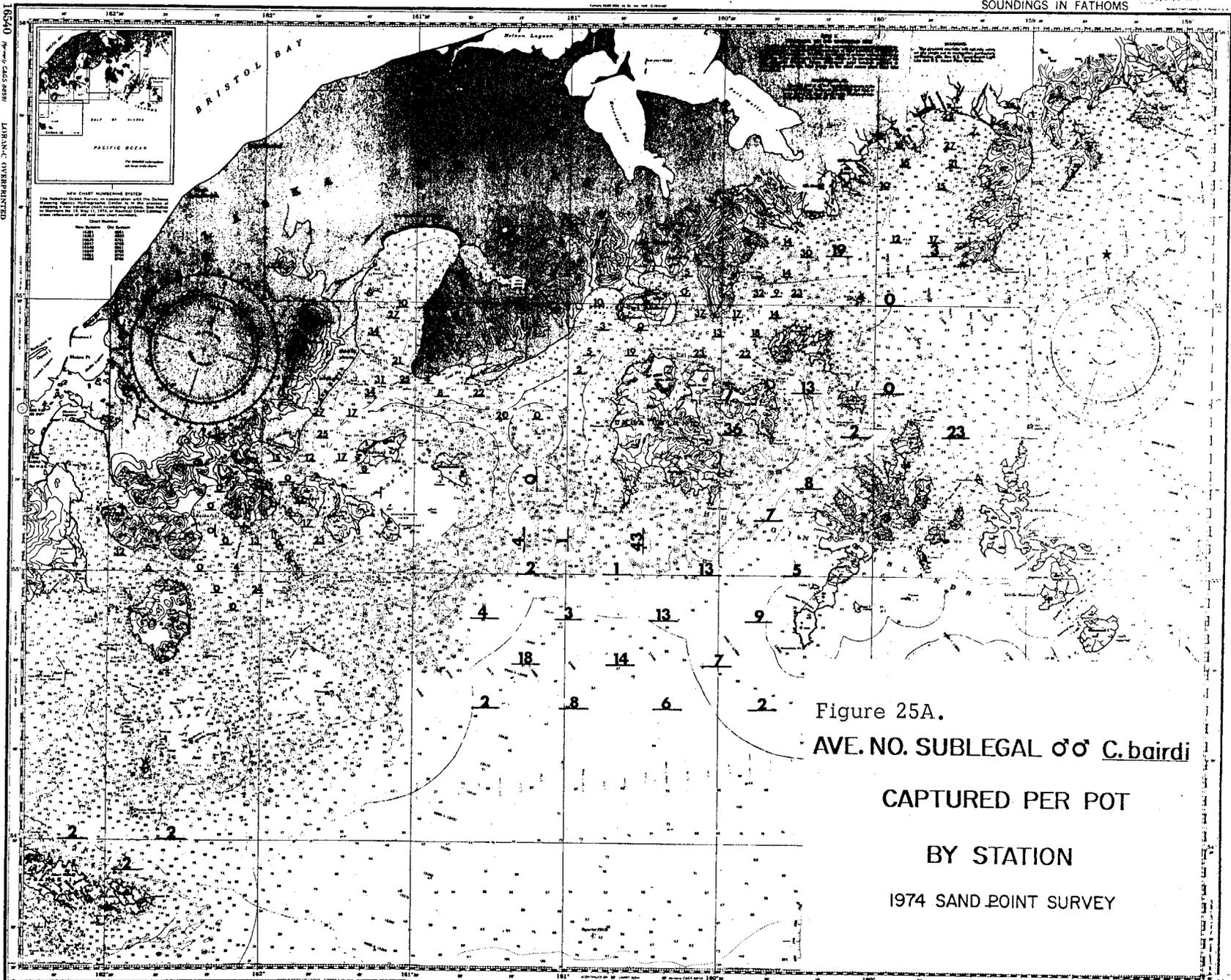
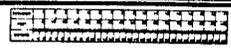


Figure 25A.  
AVE. NO. SUBLEGAL ♂♂ *C. bairdi*  
CAPTURED PER POT  
BY STATION  
1974 SAND POINT SURVEY





For Symbols and Abbreviations see Chart No. 1

NOTE: This chart is based on the Survey of the Coast, Alaska, and is subject to the same errors as the original survey. It is not to be used for navigation.

**LORAN-C**

GENERAL EXPLANATION  
LORAN-C FREQUENCY: 22.5 KHz  
PULSE REPEAT RATE: 100 PPM  
PULSE WIDTH: 0.5 SEC  
PULSE PERIOD: 2 SEC  
PULSE BURST: 10 PULSES  
PULSE BURST PERIOD: 10 SEC

**SITES ON THIS CHART**

9990 X 9990 Y 9990 Z  
9990 A 9990 B 9990 C  
9990 D 9990 E 9990 F  
9990 G 9990 H 9990 I  
9990 J 9990 K 9990 L  
9990 M 9990 N 9990 O  
9990 P 9990 Q 9990 R  
9990 S 9990 T 9990 U  
9990 V 9990 W 9990 X  
9990 Y 9990 Z

UNITED STATES  
ALASKA—SOUTH COAST  
ALASKA PENINSULA  
**SHUMAGIN ISLANDS TO SANAK ISLANDS**

**Mark Number 1077**

Mark Name: **Shumagin Islands to Sanak Islands**  
Mark Description: **Shumagin Islands to Sanak Islands**  
Mark Color: **White**  
Mark Shape: **Circle**  
Mark Size: **100**

**Chart No. 16540**

Scale: **1:100,000**  
Edition: **1974**  
Revised: **1974**  
Published: **1974**  
Distributed: **1974**

SOUNDINGS IN FATHOMS  
AT MEAN LOWER LOW WATER

SOUNDINGS IN FATHOMS

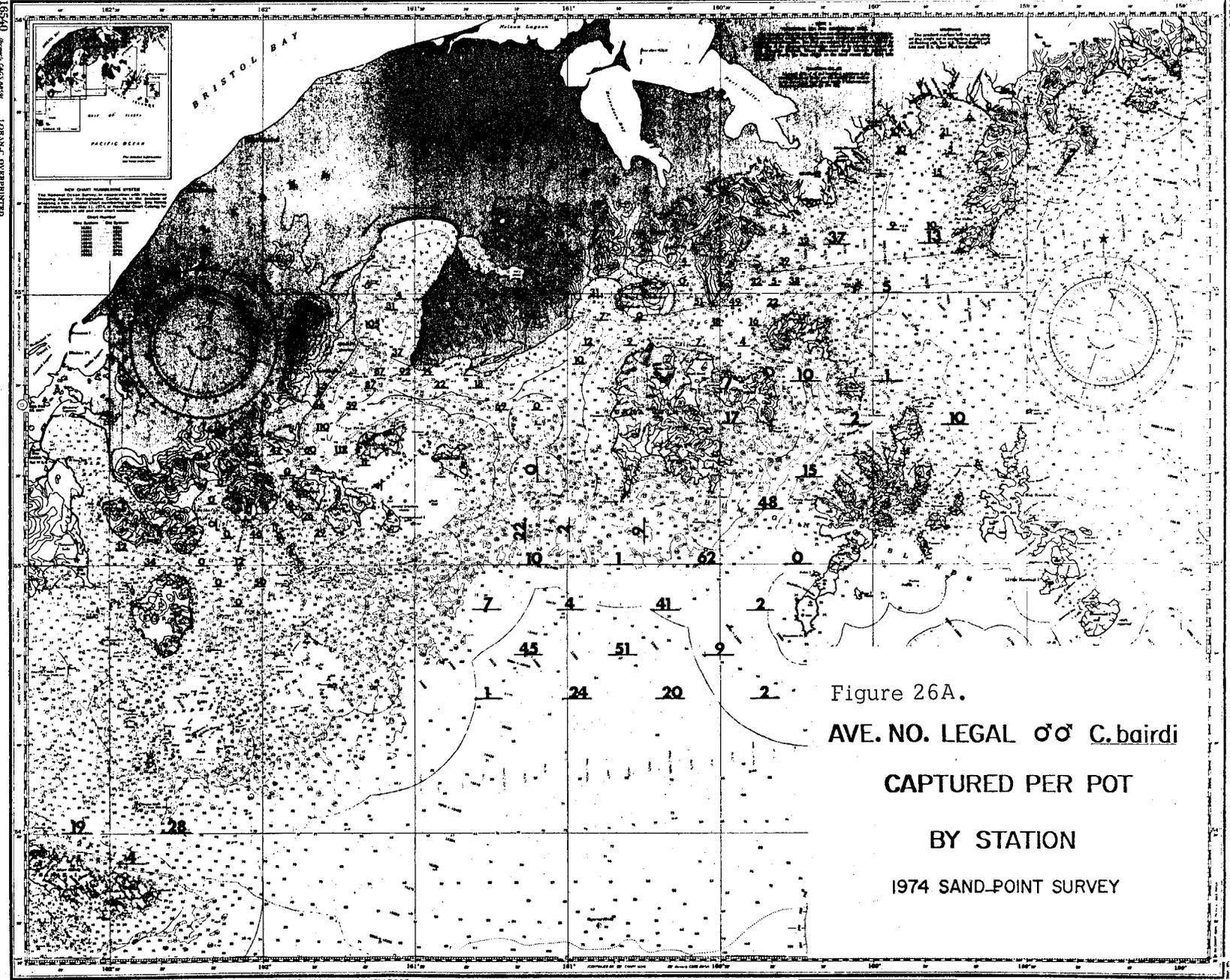


Figure 26A.  
AVE. NO. LEGAL ♂♂ *C. bairdi*  
CAPTURED PER POT  
BY STATION  
1974 SAND-POINT SURVEY



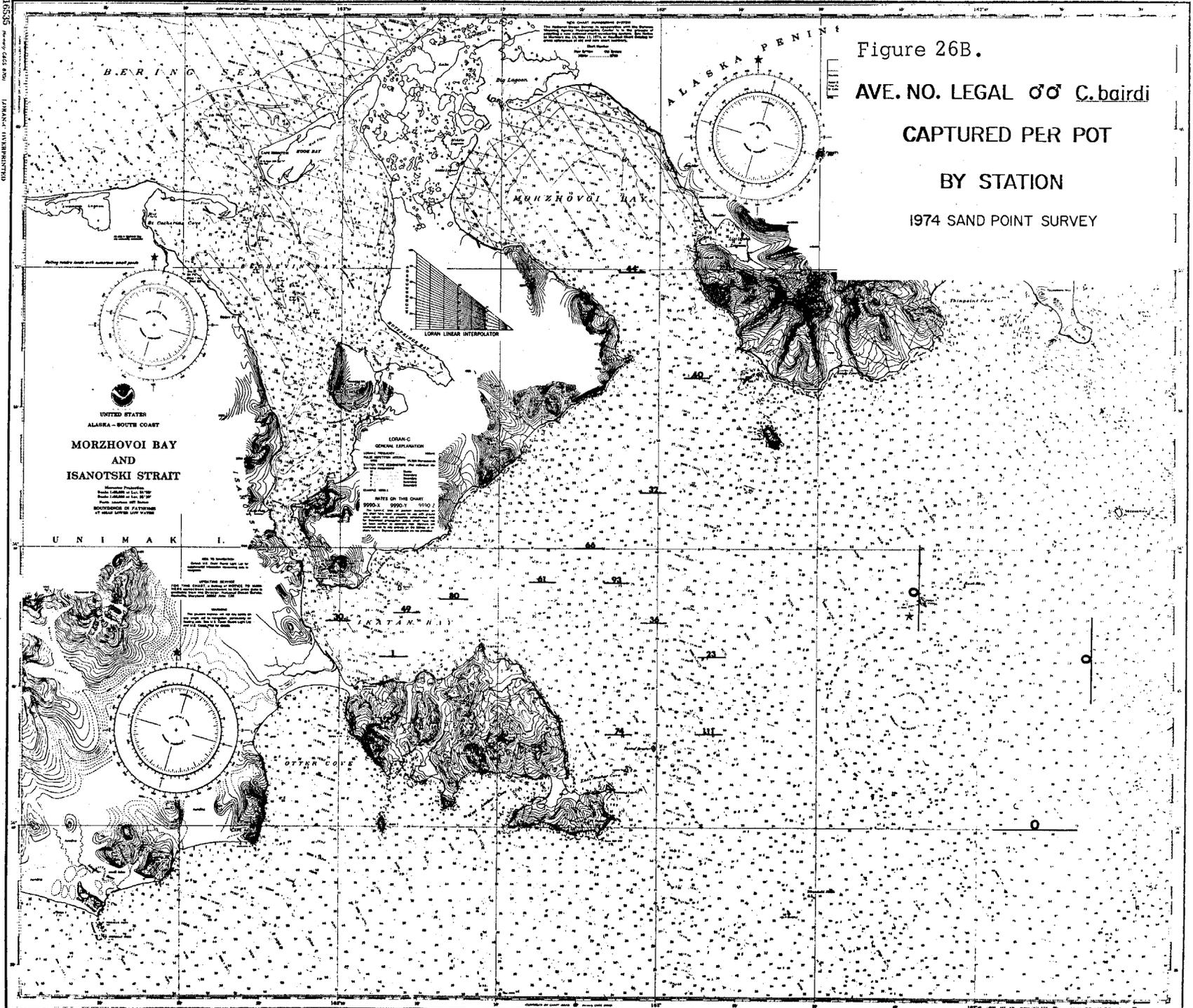


Figure 26B.  
 AVE. NO. LEGAL ♂♂ *C. bairdi*  
 CAPTURED PER POT  
 BY STATION  
 1974 SAND POINT SURVEY

UNITED STATES  
 ALASKA - SOUTH COAST  
**MORZHOVOI BAY  
 AND  
 ISANOTSKI STRAIT**

LOMAN'S  
 GENERAL INTERPOLATION  
 TABLE  
 NOTES ON THE CHART  
 9999.9 9999.7 9999.5

- 44 -

All Symbols and Abbreviations are Chart No. 1  
 (Revised 1977)  
 Symbols of same shape, size and color as those used on the chart are used for objects not shown on the chart.  
 Symbols of same shape, size and color as those used on the chart are used for objects not shown on the chart.  
 Symbols of same shape, size and color as those used on the chart are used for objects not shown on the chart.

**LORAN C**  
 GENERAL EXPLANATION  
 SYMBOLS AND ABBREVIATIONS  
 SYMBOLS AND ABBREVIATIONS  
 SYMBOLS AND ABBREVIATIONS

UNITED STATES  
 ALASKA—SOUTH COAST  
 ALASKA PENINSULA  
 SHUMAGIN ISLANDS TO SANAK ISLANDS

Chart No. 16540  
 (Formerly 16540A)  
 (Revised 1975)  
 (Supersedes 16540A)  
 (Supersedes 16540A)  
 (Supersedes 16540A)

SOUNDINGS IN FATHOMS  
 AT MEAN LOWER LOW WATER

SOUNDINGS IN FATHOMS

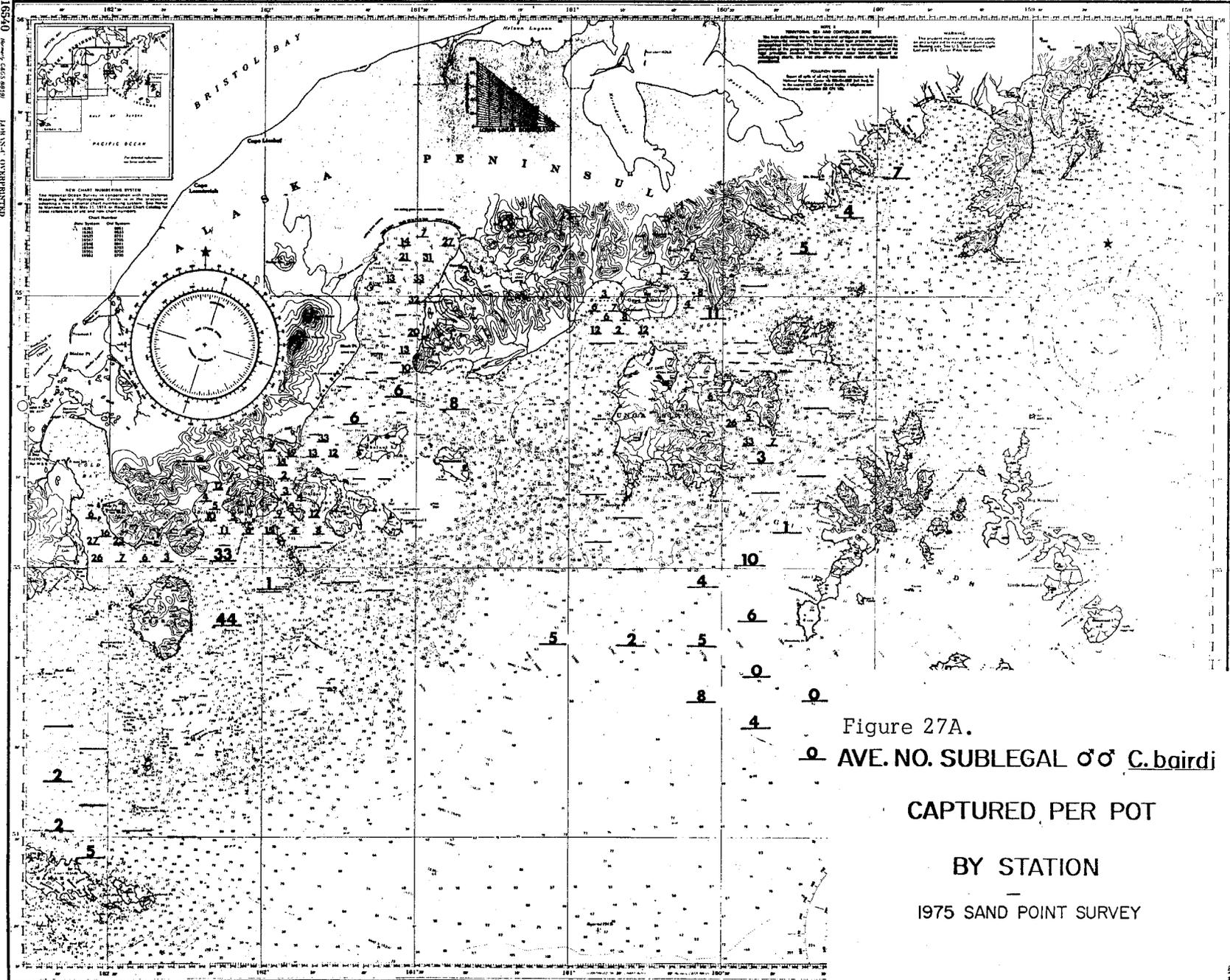
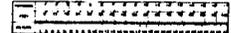


Figure 27A.  
 ○ AVE. NO. SUBLEGAL  $\sigma_t$  *C. bairdi*  
 CAPTURED PER POT  
 BY STATION  
 1975 SAND POINT SURVEY

- 45 -





For Symbols and Abbreviations, see Chart No. 1  
 Note: This chart is a reproduction of the original chart published by the Hydrographic Office, Washington, D.C., in 1975. It is published by the National Oceanic and Atmospheric Administration, Department of Commerce, under authority of the Secretary of Commerce.  
 Date of Revision: 1975  
 Edition: 1975  
 Chart No. 16540  
 Scale: 1:50,000  
 Projection: Mercator  
 Contour Interval: 10 Fathoms  
 Sounding Interval: 10 Fathoms  
 Contour Interval: 10 Fathoms  
 Sounding Interval: 10 Fathoms

**CAUTION - Low Water Soundings are not shown in this chart.**  
 The soundings in this chart are based on the low water of spring tides. They should not be used for navigation unless corrected for the local tide. Local tide tables are available at the Hydrographic Office, Washington, D.C., and at the Hydrographic Office, Seattle, Washington.  
**LOTRAN-C**  
**GENERAL EXPLANATION**  
 General Explanation: This chart is a reproduction of the original chart published by the Hydrographic Office, Washington, D.C., in 1975. It is published by the National Oceanic and Atmospheric Administration, Department of Commerce, under authority of the Secretary of Commerce.  
**NOTES ON THIS CHART**  
 1. The soundings in this chart are based on the low water of spring tides. They should not be used for navigation unless corrected for the local tide. Local tide tables are available at the Hydrographic Office, Washington, D.C., and at the Hydrographic Office, Seattle, Washington.  
 2. The soundings in this chart are based on the low water of spring tides. They should not be used for navigation unless corrected for the local tide. Local tide tables are available at the Hydrographic Office, Washington, D.C., and at the Hydrographic Office, Seattle, Washington.

UNITED STATES  
 ALASKA—SOUTH COAST  
 ALASKA PENINSULA  
**SHUMAGIN ISLANDS TO SANAK ISLANDS**

**NOTE ON SOUNDINGS**  
 The soundings in this chart are based on the low water of spring tides. They should not be used for navigation unless corrected for the local tide. Local tide tables are available at the Hydrographic Office, Washington, D.C., and at the Hydrographic Office, Seattle, Washington.  
**NOTE ON CHART**  
 This chart is a reproduction of the original chart published by the Hydrographic Office, Washington, D.C., in 1975. It is published by the National Oceanic and Atmospheric Administration, Department of Commerce, under authority of the Secretary of Commerce.  
 Date of Revision: 1975  
 Edition: 1975  
 Chart No. 16540  
 Scale: 1:50,000  
 Projection: Mercator  
 Contour Interval: 10 Fathoms  
 Sounding Interval: 10 Fathoms  
 Contour Interval: 10 Fathoms  
 Sounding Interval: 10 Fathoms

SOUNDINGS IN FATHOMS  
 AT MEAN LOWER LOW WATER

SOUNDINGS IN FATHOMS

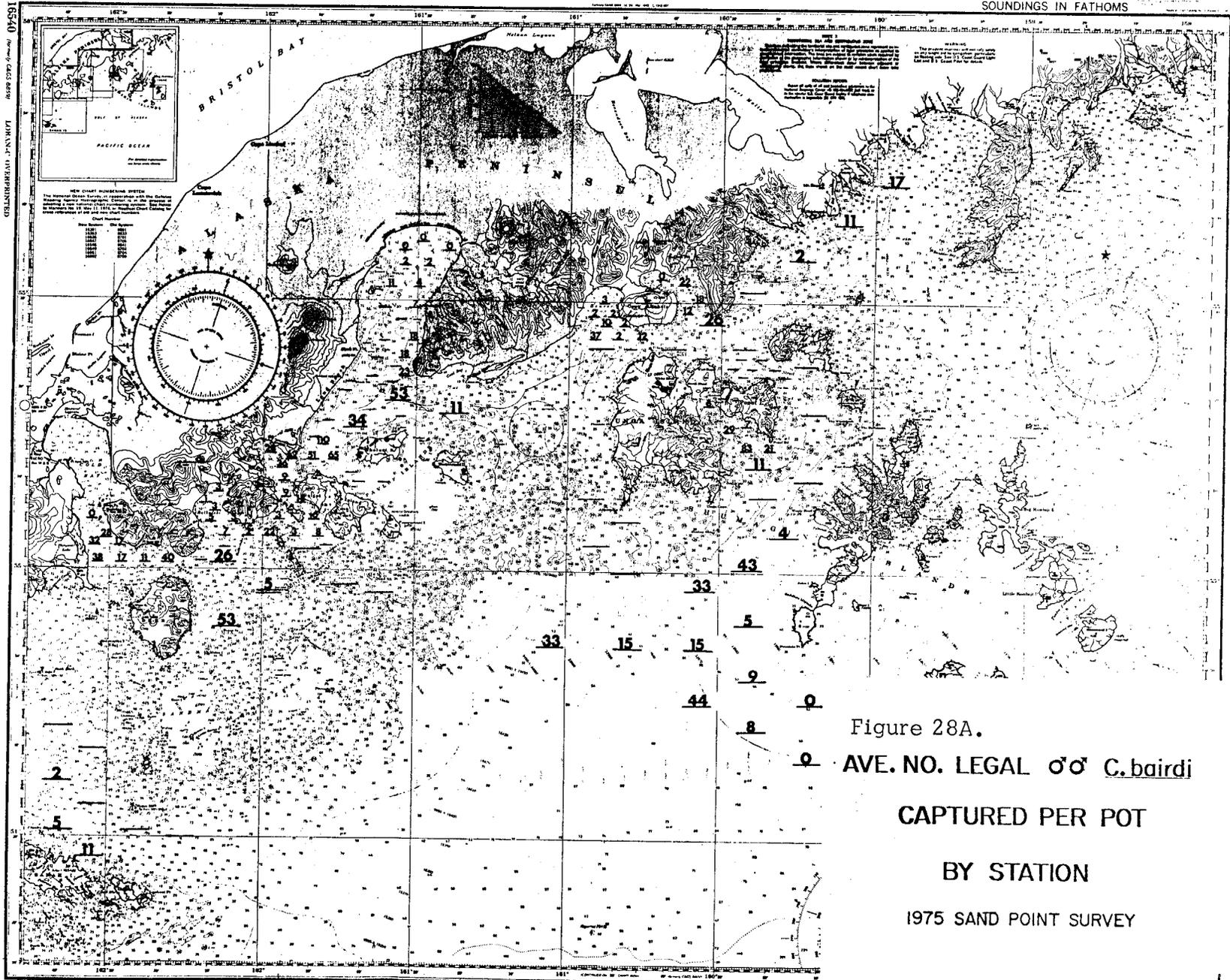
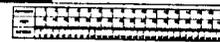


Figure 28A.  
 AVE. NO. LEGAL ♂♂ *C. bairdi*  
 CAPTURED PER POT  
 BY STATION  
 1975 SAND POINT SURVEY



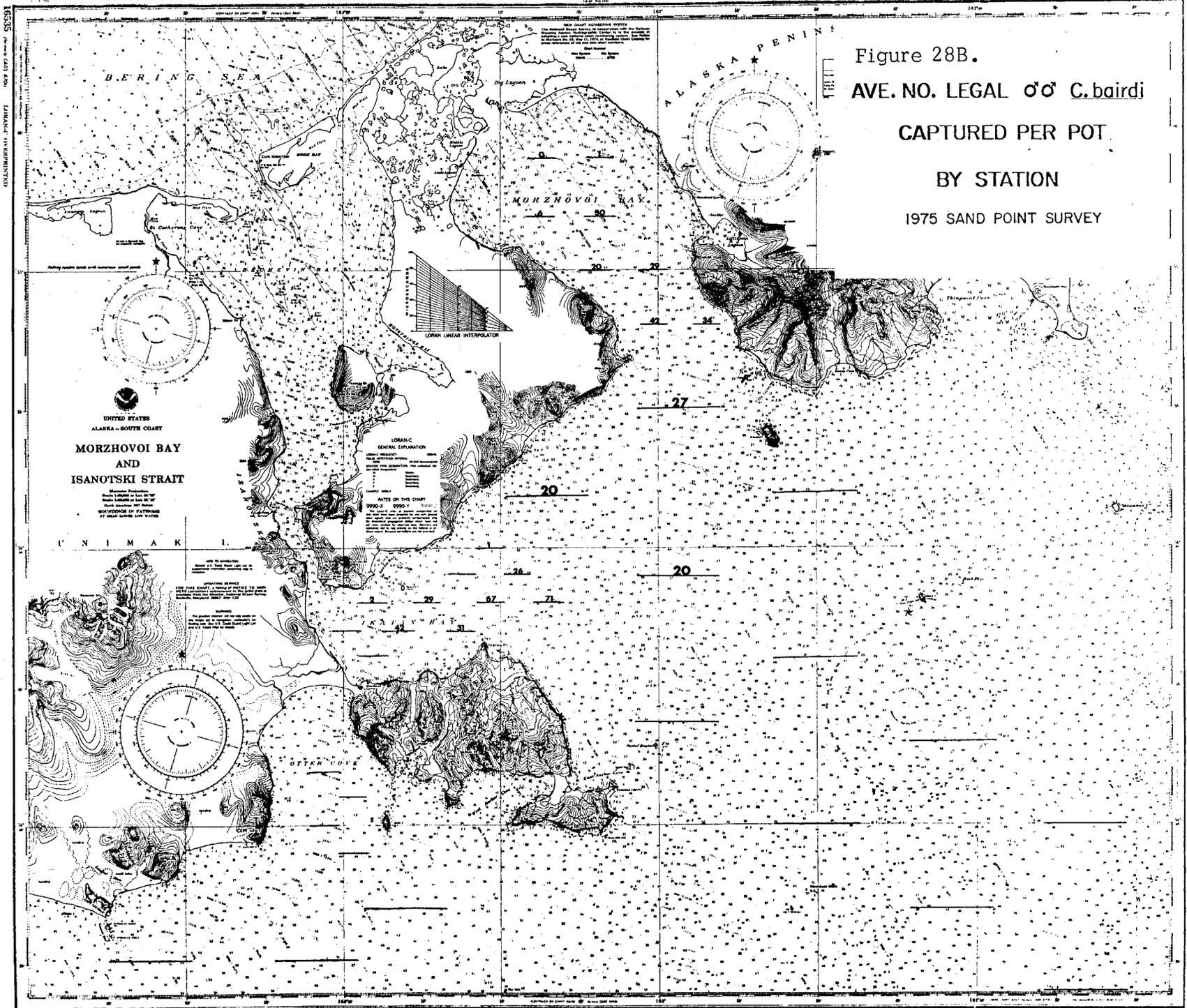


Figure 28B.  
 AVE. NO. LEGAL ♂♂ *C. bairdi*  
 CAPTURED PER POT  
 BY STATION  
 1975 SAND POINT SURVEY

UNITED STATES  
 ALASKA - SOUTH COAST  
 MORZHOVOI BAY  
 AND  
 ISANOTSKI STRAIT

LORAN C  
 GENERAL EXPLANATION  
 LORAN C STATION  
 9990.2 9990.7  
 NOTES ON THIS CHART  
 9990.2 9990.7





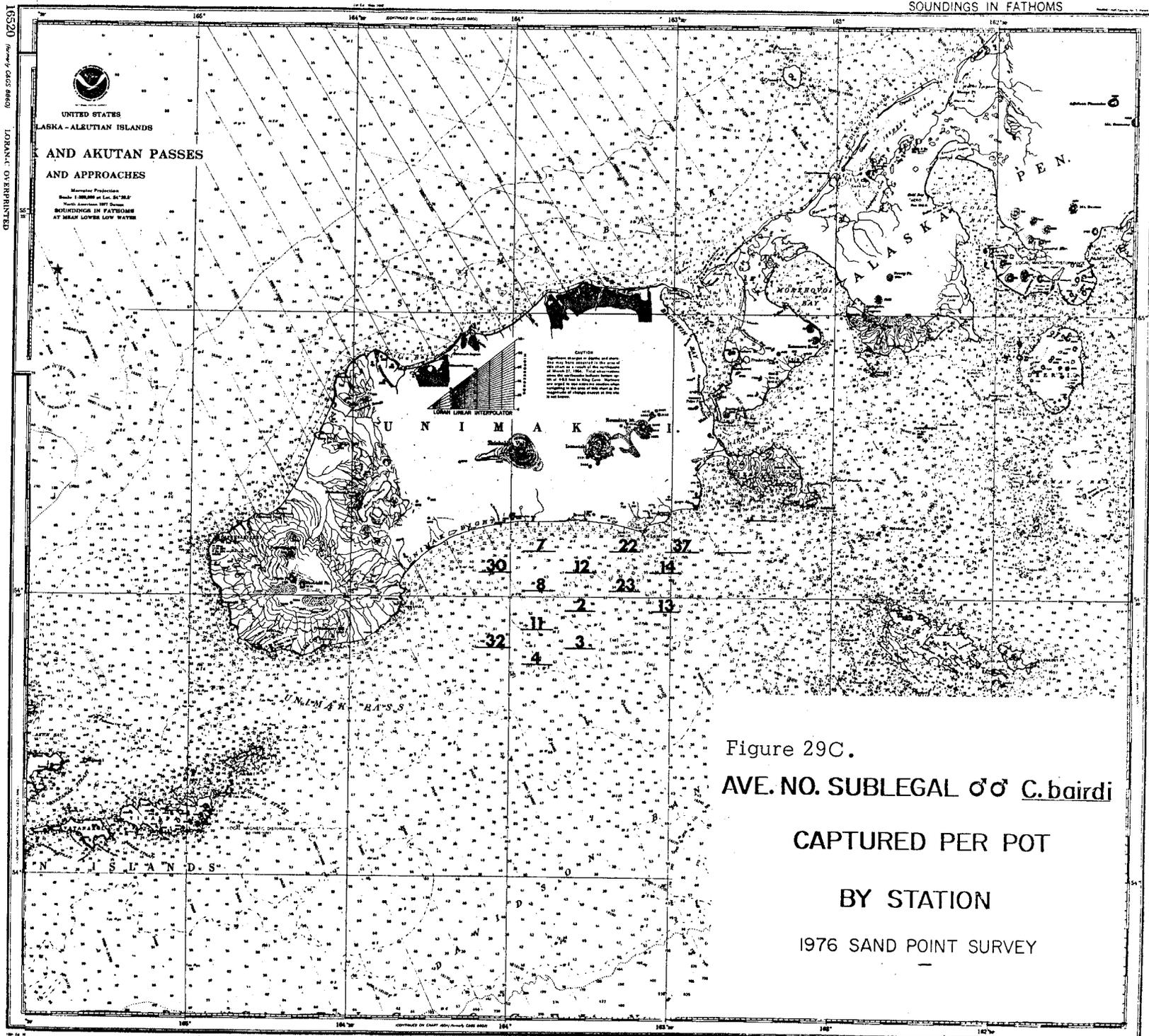


Figure 29C.  
 AVE. NO. SUBLEGAL  $\sigma_t$  C. bairdi  
 CAPTURED PER POT  
 BY STATION  
 1976 SAND POINT SURVEY

16520 (Rev. 10-68) (Scale 6000)  
 LOAN-C. OVERPRINTED

16520 (Rev. 10-68) (Scale 6000)  
 LOAN-C. OVERPRINTED

Published at Washington, D. C.  
 U. S. DEPARTMENT OF COMMERCE  
 NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
 NATIONAL OCEAN SURVEY



(Unimak and Akutan Passes)  
 (Scale in fathoms, miles & kilometers)

16520  
 LOAN-C. OVERPRINTED

The Soundings and Hydrographic Symbols on this Chart are in accordance with the International Hydrographic Organization's Regulations for the Unification of Hydrographic Symbols, 1953, and the U.S. Navy Hydrographic Office's Regulations for the Unification of Hydrographic Symbols, 1953, and the U.S. Navy Hydrographic Office's Regulations for the Unification of Hydrographic Symbols, 1953.

**LODGING**  
 ALL LEGAL EXPLANATIONS  
 9990 & 9991  
 9990 & 9991  
 9990 & 9991

UNITED STATES  
 ALASKA-SOUTH COAST  
 ALASKA PENINSULA  
 SHUMAGIN ISLANDS TO SANAK ISLANDS

South American 1875 Edition  
 1875 Edition  
 1875 Edition

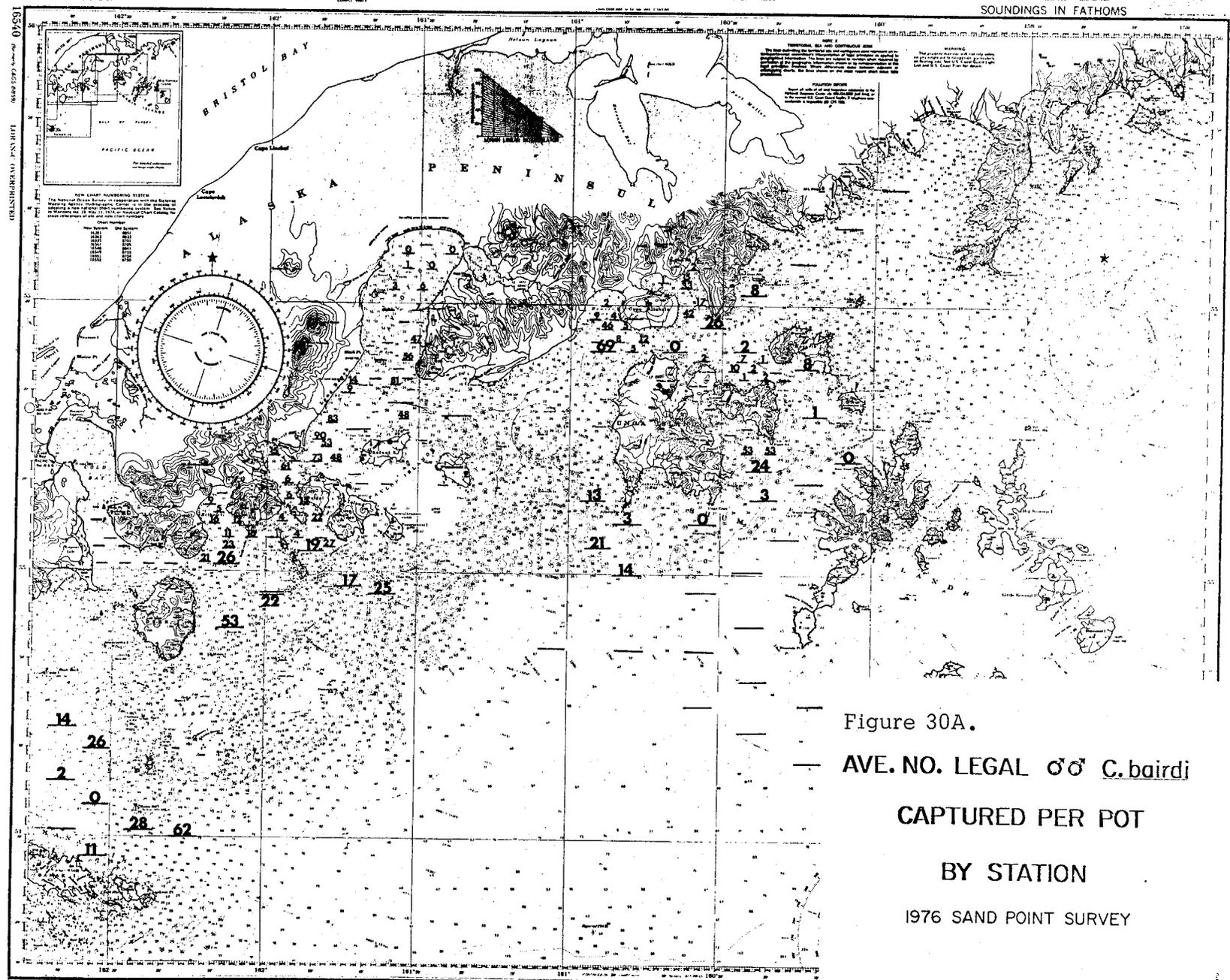


Figure 30A.  
 AVE. NO. LEGAL ♂♂ *C. bairdi*  
 CAPTURED PER POT  
 BY STATION  
 1976 SAND POINT SURVEY



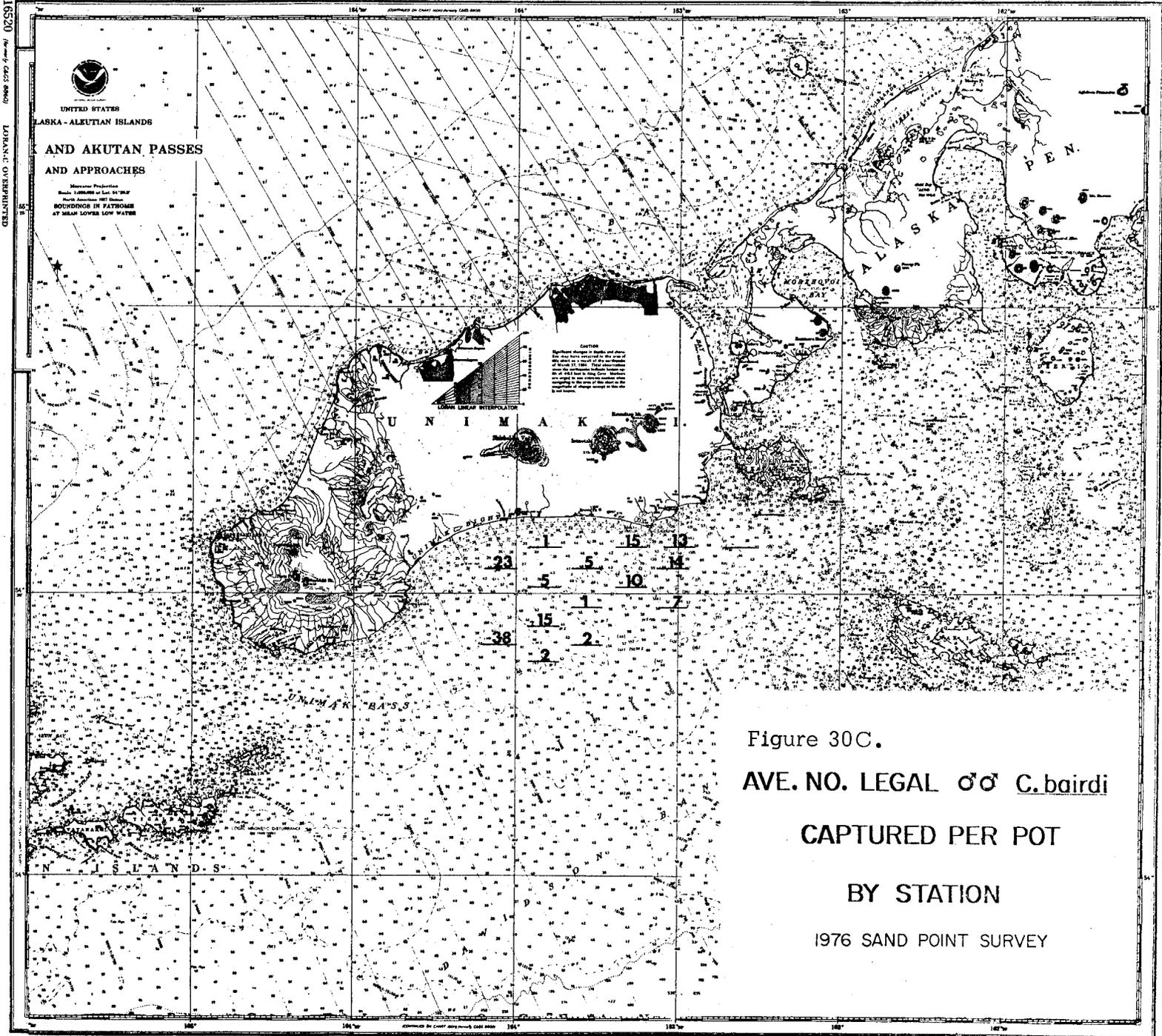


Figure 30C.  
 AVE. NO. LEGAL ♂♂ *C. bairdi*  
 CAPTURED PER POT  
 BY STATION  
 1976 SAND POINT SURVEY

ALASKA PENINSULA  
SHUMAGIN ISLANDS TO SANAK ISLANDS

SOUNDINGS IN FATHOMS  
AT MEAN LOW LOW WATER

SOUNDINGS IN FATHOMS

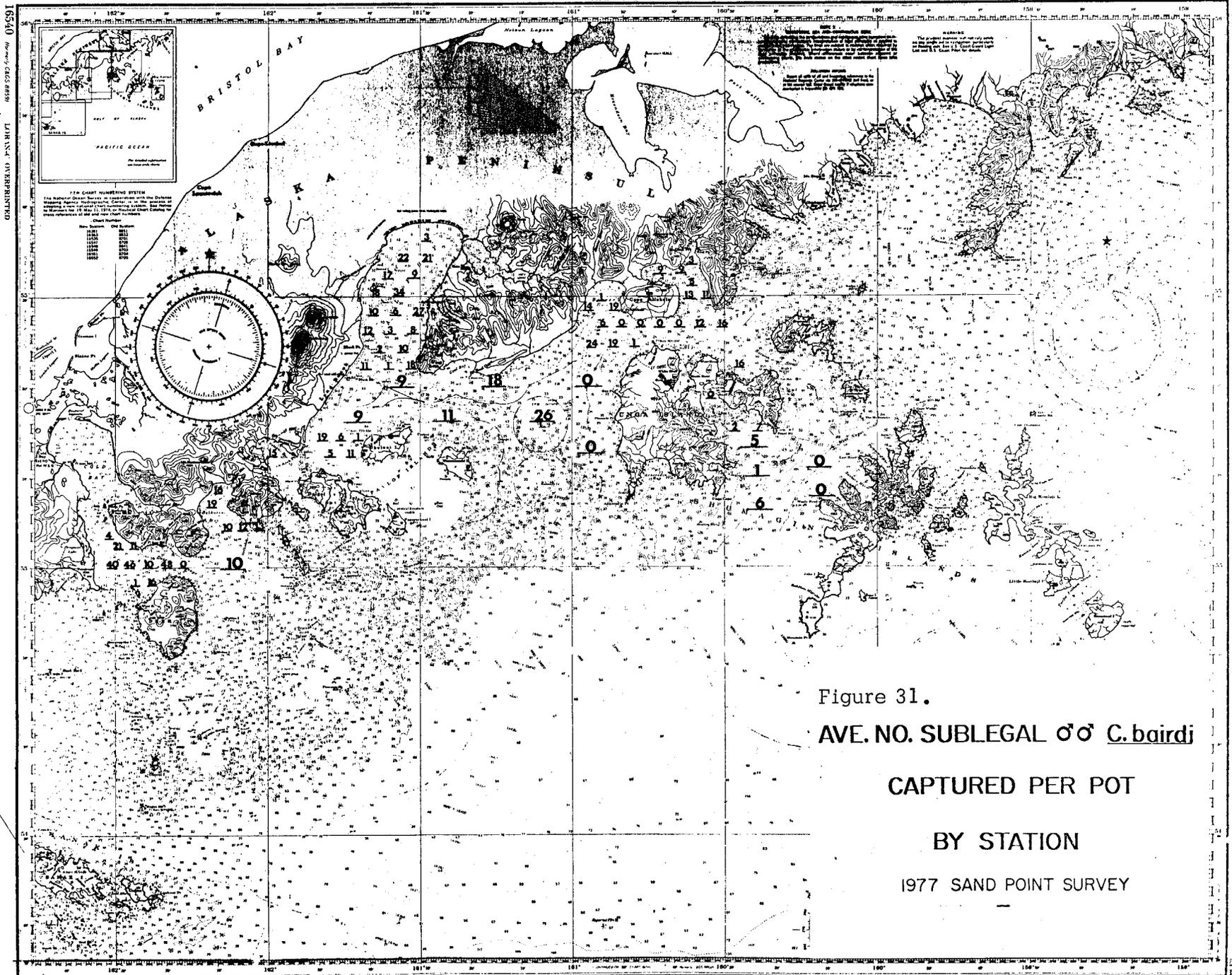


Figure 31.

AVE. NO. SUBLEGAL ♂♂ *C. bairdi*

CAPTURED PER POT

BY STATION

1977 SAND POINT SURVEY

LORAN-C OVERPRINTED

- 55 -

For further information see Chart No. 1  
 1:50,000 scale  
 Edition of 1977, revised and  
 corrected to 1978  
 1:50,000 scale  
 Edition of 1977, revised and  
 corrected to 1978  
 1:50,000 scale  
 Edition of 1977, revised and  
 corrected to 1978

**LORAN-C**

GENERAL EXPLANATION

LOCAL FREQUENCY  
 CHANNEL NUMBER  
 TIME OF DAY  
 NAME OF STATION  
 NAME OF OPERATOR  
 NAME OF VESSEL  
 NAME OF CAPTAIN  
 NAME OF OFFICER IN CHARGE  
 NAME OF ENGINEER  
 NAME OF RADIO OPERATOR  
 NAME OF TELETYPE OPERATOR  
 NAME OF TELETYPE ASSISTANT  
 NAME OF TELETYPE CLERK  
 NAME OF TELETYPE OPERATOR  
 NAME OF TELETYPE ASSISTANT  
 NAME OF TELETYPE CLERK

**DATES ON THIS CHART**

9990-3 9900-1 Year /  
 The date of the original survey is given in the title block of the chart. The date of the latest revision is given in the title block of the chart. The date of the latest correction is given in the title block of the chart. The date of the latest edition is given in the title block of the chart.

UNITED STATES  
 ALASKA—SOUTH COAST  
 ALASKA PENINSULA  
**SHUMAGIN ISLANDS TO SANAK ISLANDS**

Scale 1:50,000  
 Edition of 1977, revised and  
 corrected to 1978  
 1:50,000 scale  
 Edition of 1977, revised and  
 corrected to 1978

For further information see Chart No. 1  
 1:50,000 scale  
 Edition of 1977, revised and  
 corrected to 1978  
 1:50,000 scale  
 Edition of 1977, revised and  
 corrected to 1978

OUNDINGS IN FATHOMS  
 AT MEAN LOWER LOW WATER

SOUNDINGS IN FATHOMS

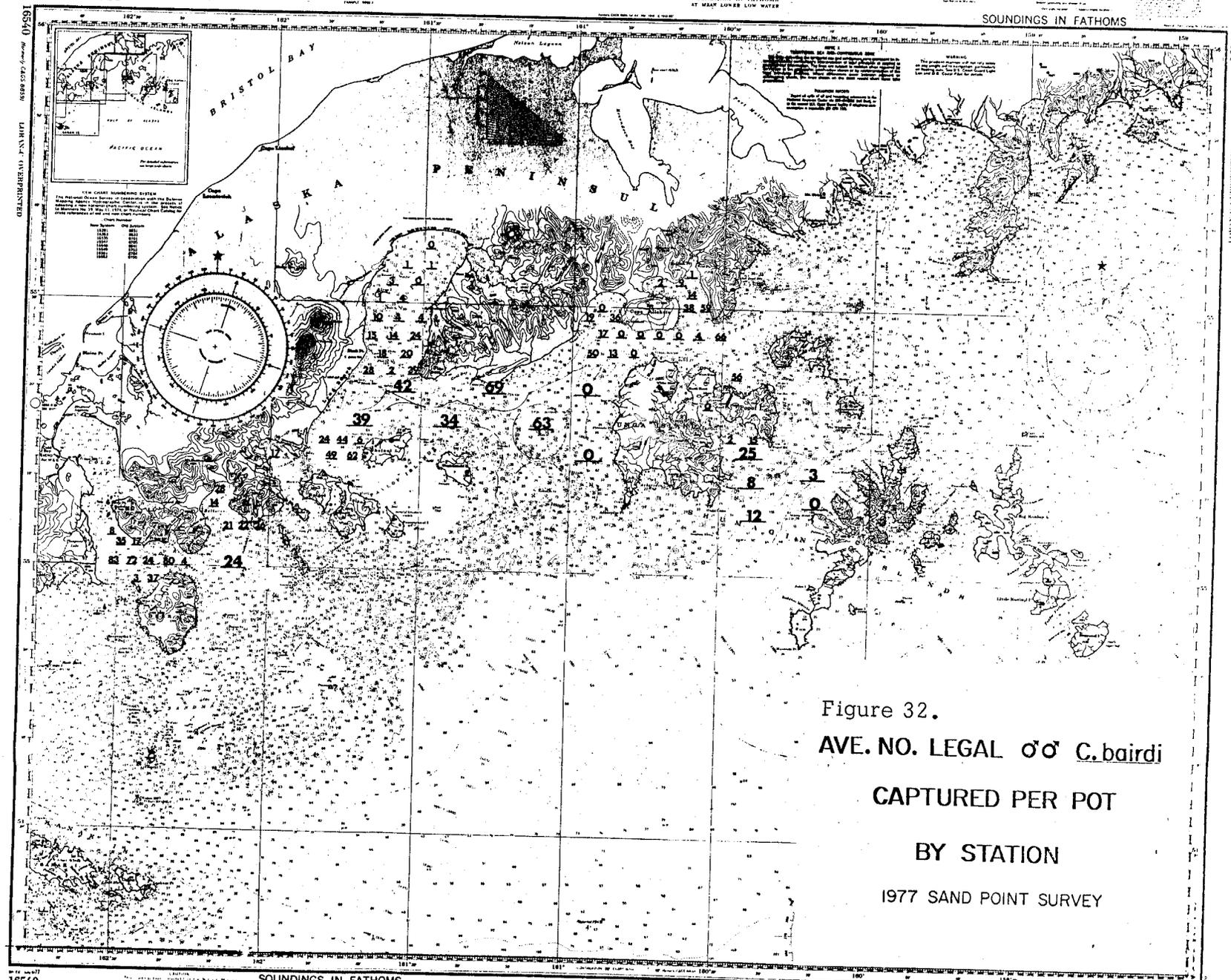


Figure 32.  
 AVE. NO. LEGAL ♂♂ *C. bairdi*  
 CAPTURED PER POT  
 BY STATION  
 1977 SAND POINT SURVEY



### Size Composition:

The average size of male Tanner crab captured ranged from 143 mm in 1976 to 147 mm in each of the other 3 survey years (Table 5). Crabs  $\geq 140$  mm were the most frequently captured size group comprising up to 70% of the catch in 1975. A total of only 23 crab  $\leq 69$  mm were captured the first three surveys while none were captured in 1977.

### Exoskeletal Age:

Newshell crabs were the most abundant shell age category captured during the 4 years of surveys ranging from nearly 70% of the catch in 1974 to 55% in 1976. Oldshell crabs comprised as much as 43% of the catch in 1976. Very oldshell crab represented only about 1% of the catch in any survey year (Table 6). The number of newshell, oldshell, and very oldshell crab captured by carapace width for each survey are depicted on Figures 33 to 36.

### Cohort Analysis:

Year class strengths by number and percent of male Tanner crab captured are presented in Table 5. Trends in year class abundance are not predictable from this data.

### Dutch Harbor

The first survey of the Dutch Harbor area occurred in 1975 and was complemented by surveys in 1976 and 1977. Research station locations are presented on Figures 37A-E. The greatest number of ocean stations (39), and bay stations (67), were fished in 1977 and 1976, respectively. A total of 168 individual station locations (119 bay, 49 ocean) were fished over the 3 year period. Total number of pot lifts ranged from 602 in 1977 to 493 in 1975 (Table 7). The depth range of research fishing varied from 18 to 291 meters (10 to 160 fm). Research effort in terms of pots fished per depth zone was fairly consistent between years (Figure 38).

### Catch in Number of Crab:

Distribution patterns and catch figures for legal and sublegal crab are presented in Figures 39A to 44D. Total males captured ranged from 8655 in 1976 to 4045 in 1977. The actual number of females captured ranged from 1175 in 1976 to 370 in 1977. Over the 3 year survey period only 13 total juve-

Table 5. Year class (cohort) strengths by number of male Tanner crab, *Chionoecetes bairdi* captured and percent of male catch for years 1974-1977, Sand Point.

Cohort Group	1974		1975		1976		1977	
	No.	%	No.	%	No.	%	No.	%
4 $\leq$ 69	15	.0	4	0	4	.0	0	0
3 70-91	250	1.1	142	.8	282	1.0	48	.5
2 92-114	1658	7.3	968	5.6	2782	10.3	560	5.9
1 115-139	5533	24.4	4068	23.6	8212	30.3	2851	29.9
Newshe11 R 140-164	6384	28.2	5805	33.6	5937	21.9	4336	45.5
Oldshe11-VOS PR 1 140-164	4143	18.3	3360	19.5	5745	21.2	1565	16.4
PR 2 $\geq$ 165	4694	20.7	2916	16.9	4144	15.3	1662	17.4
TOTAL $\geq$ Legal $\geq$ 140	15221	67.1	12081	70	15826	58.4	6067	63.7
TOTAL CRABS $\bar{X}$ (mm)	22677 147		17263 147		27106 143		9526 147	
POT LIFTS	675		611		801		354	

Table 6. Number of male Tanner crab *Chionoecetes bairdi* captured by cohort and exoskeletal age group, 1974-1977 Sand Point

Cohort Group	1974			1975			1976			1977		
	NS	OS	VOS	NS	OS	VOS	NS	OS	VOS	NS	OS	VOS
Fours $\leq$ 69	15	0	0	4	0	0	4	0	0	0	0	0
Threes 70-91	242	8	0	106	35	1	187	94	2	26	20	2
Twos 92-114	1407	238	13	432	528	8	1524	1164	94	228	310	22
Ones 115-139	4061	1387	85	2448	1600	20	4621	3432	159	1706	1082	63
Recruits 140-164 Newshell	6384	-	-	5805	-	-	5937	-	-	4336	-	-
Post Recruits 140-164 1 Oldshell + VOS	-	4023	120	-	3341	19	-	5677	68	-	1513	52
Post Recruits $\geq$ 165 2	3054	1611	29	1706	1209	1	2739	1388	17	1065	577	20
TOTAL	15163	7267	247	10501	6716	49	15012	11755	339	7361	3502	159
% of TOTAL	66.9	32.0	1.0	60.8	38.9	0.3	55.4	43.4	1.3	66.8	31.8	1.4

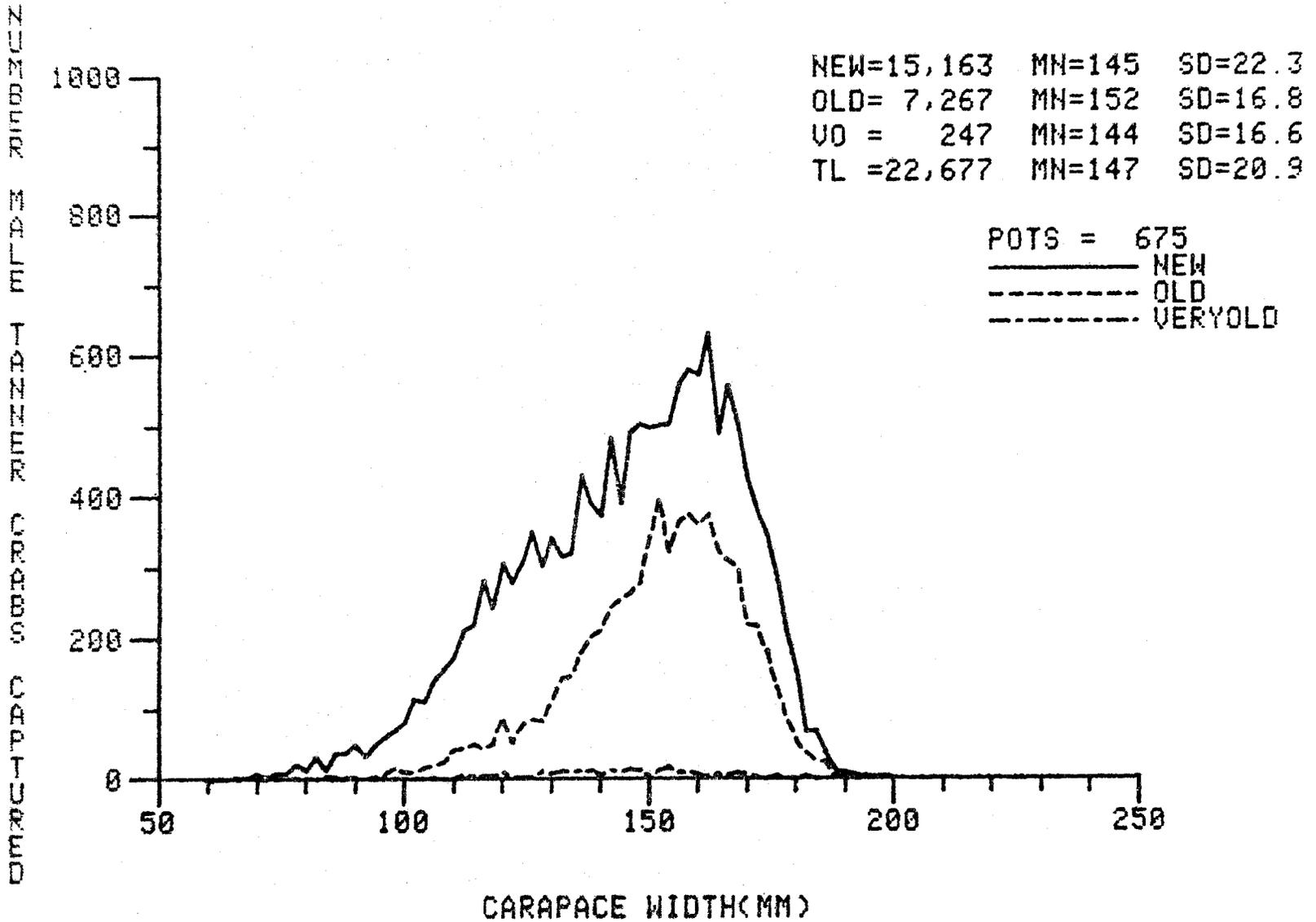


Figure 33. Carapace width frequency of new, old, and very oldshell male Tanner crab, *Chionoecetes bairdi*, captured on the 1974 Sand Point survey.



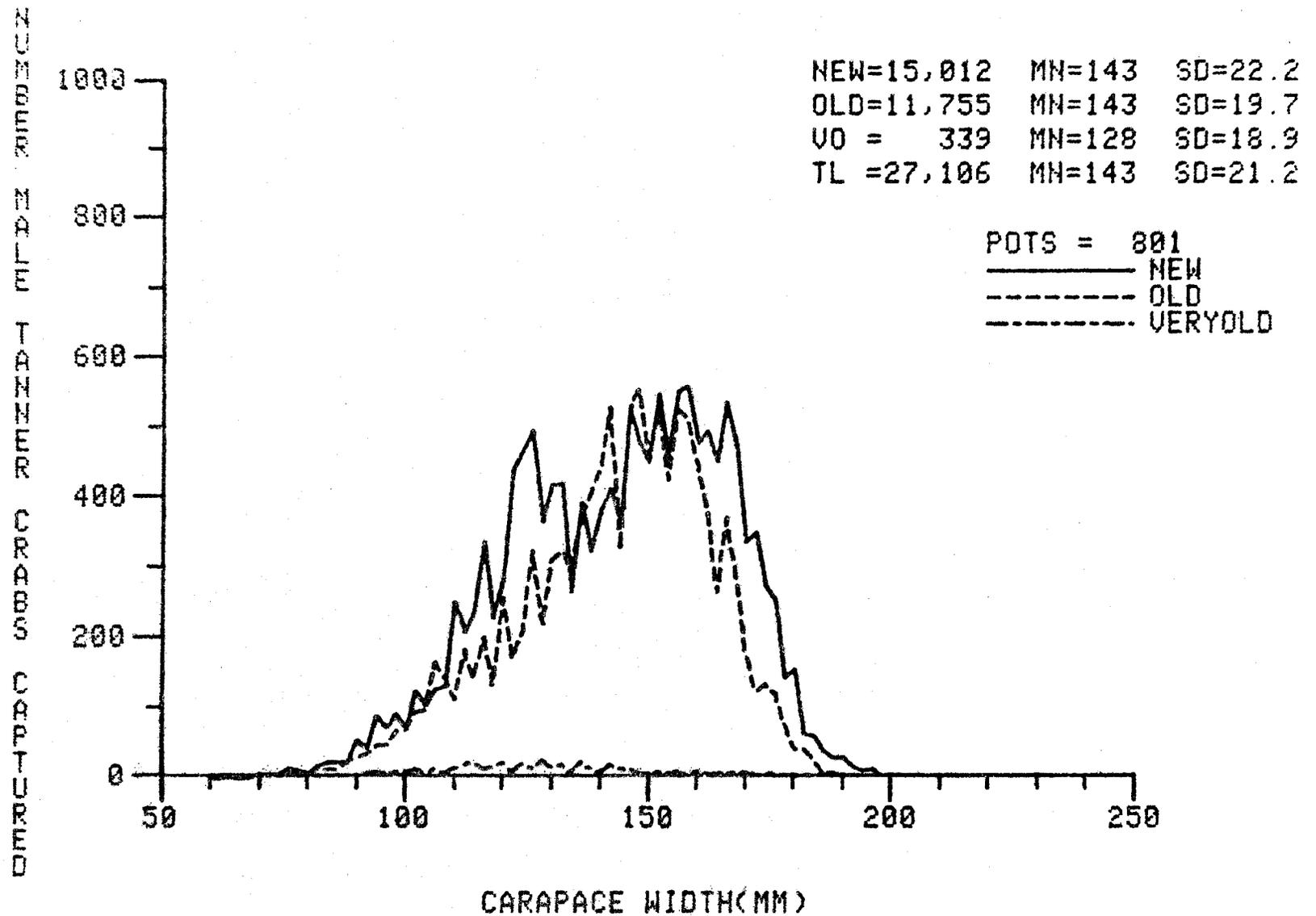


Figure 35. Carapace width frequency of new, old, and very old shell male Tanner crab, *Chionoecetes bairdi*, captured on the 1976 Sand Point survey.

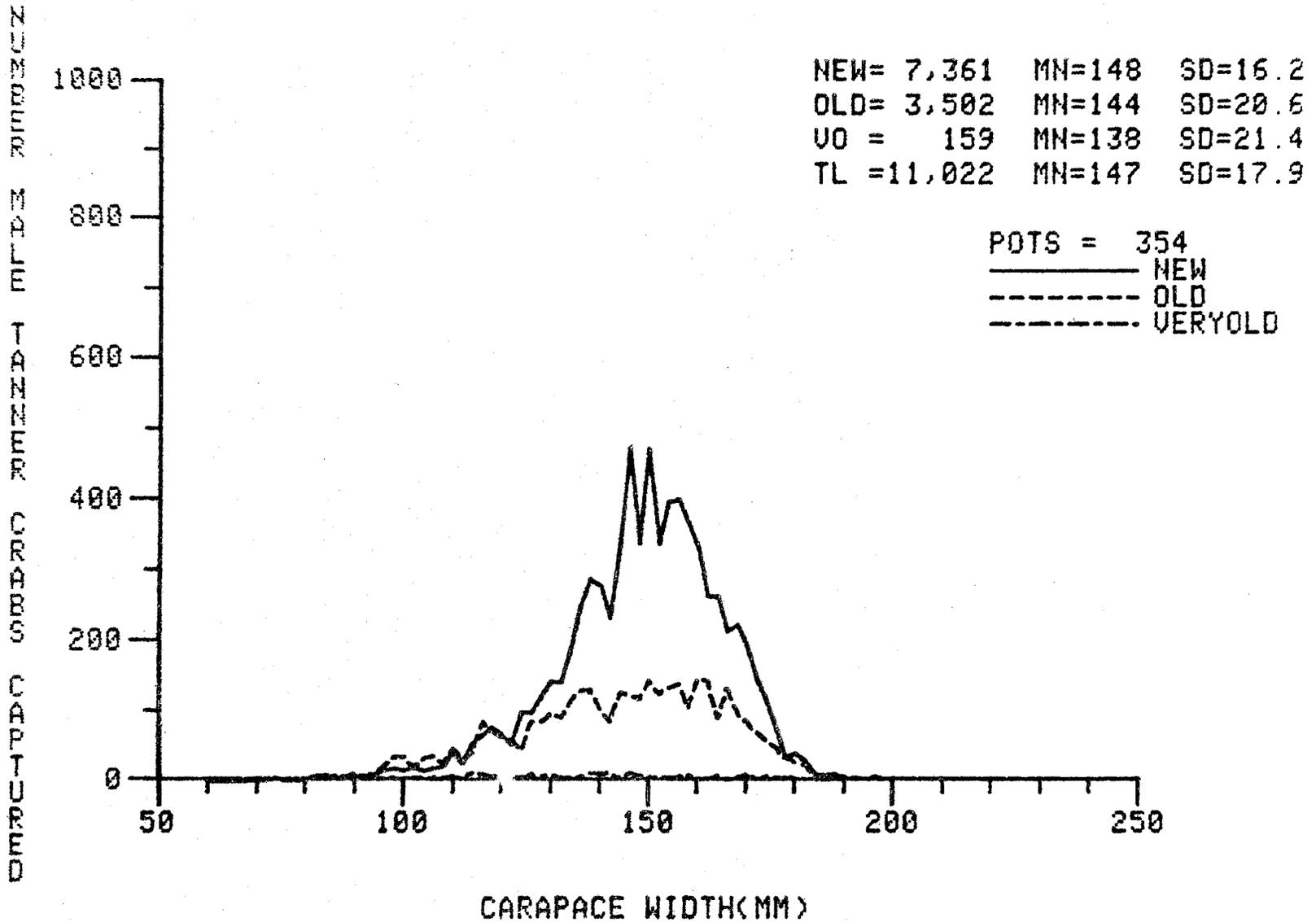


Figure 36. Carapace width frequency of new, old, and very oldshell male Tanner crab, *Chionoecetes bairdi*, captured on the 1977 Sand Point survey.

16520 (Rev. 1-65) CLASS 8860 LORAN-C OVERPRINTED

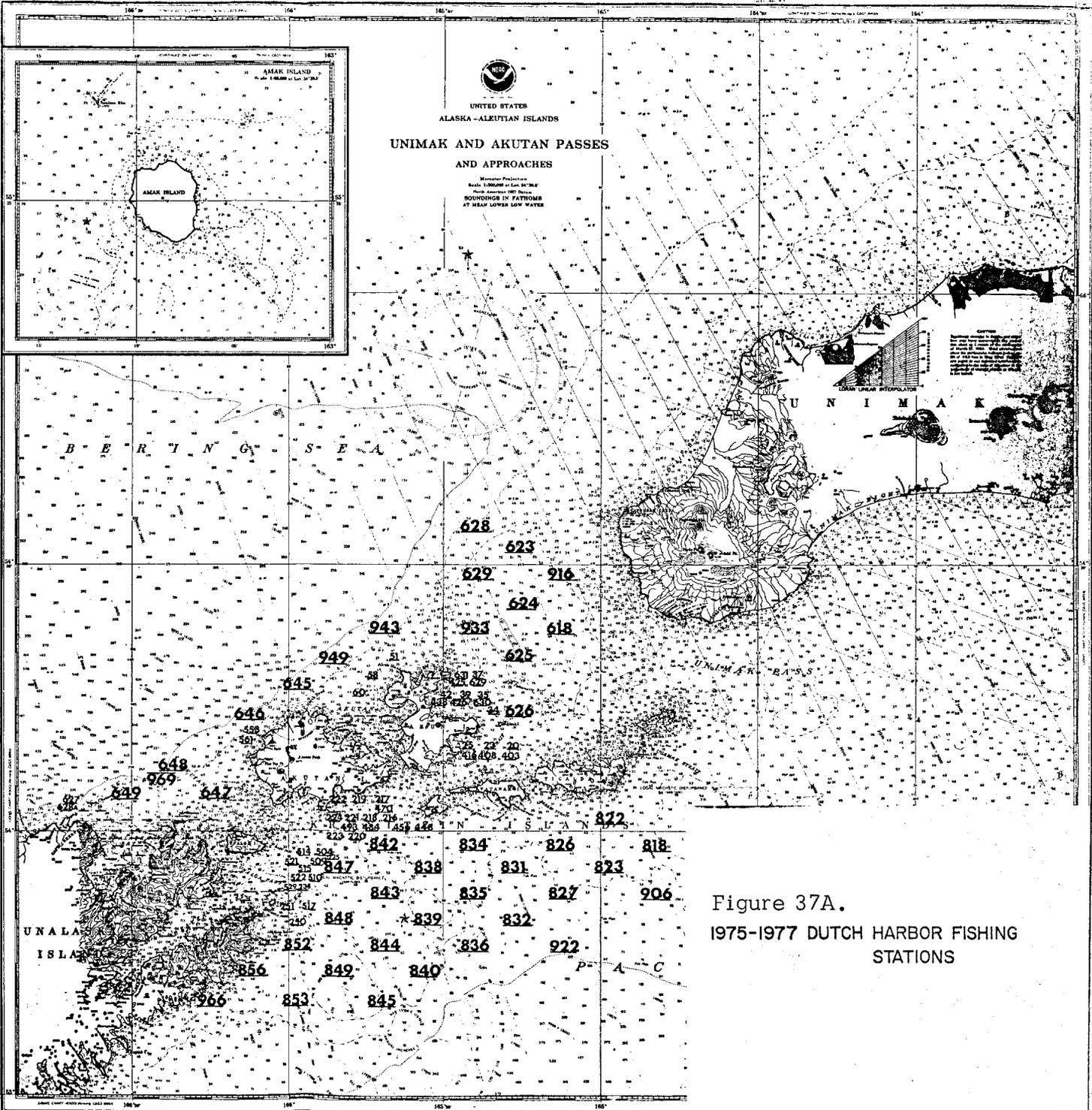


Figure 37A.  
1975-1977 DUTCH HARBOR FISHING STATIONS

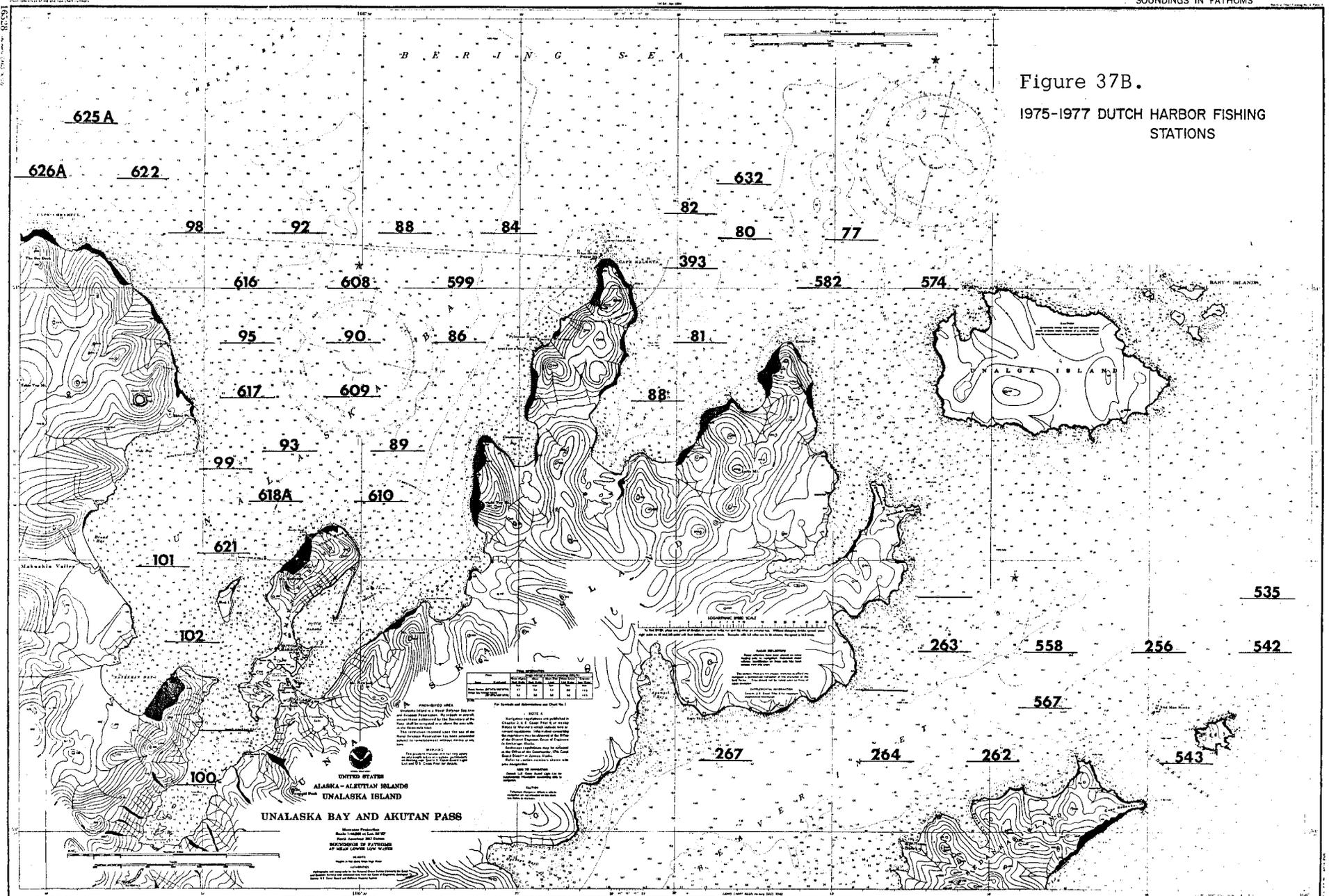
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SOUNDINGS IN FATHOMS

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Figure 37B.  
1975-1977 DUTCH HARBOR FISHING STATIONS



- 65 -

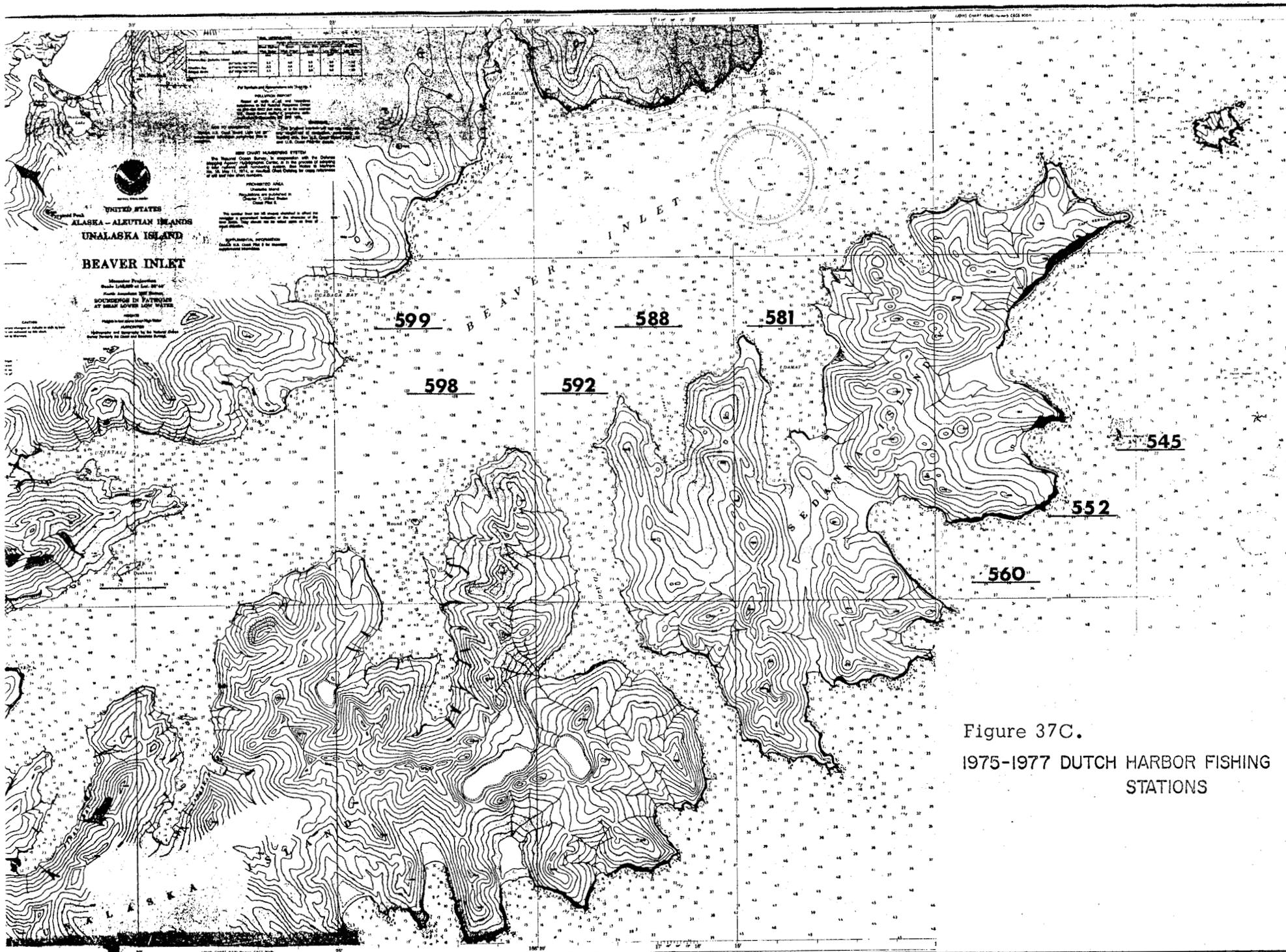


Figure 37C.  
1975-1977 DUTCH HARBOR FISHING STATIONS

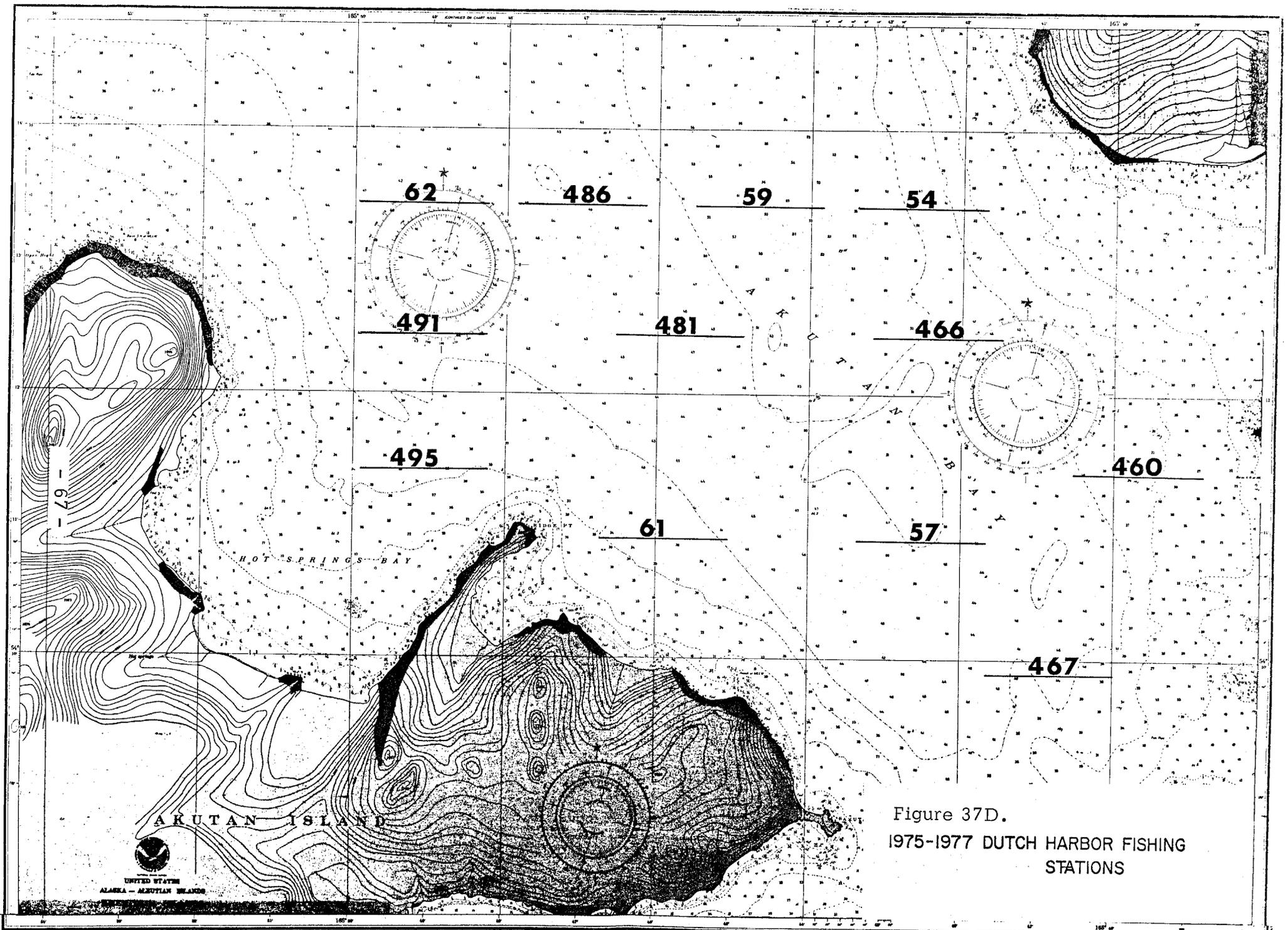


Figure 37D.  
1975-1977 DUTCH HARBOR FISHING STATIONS

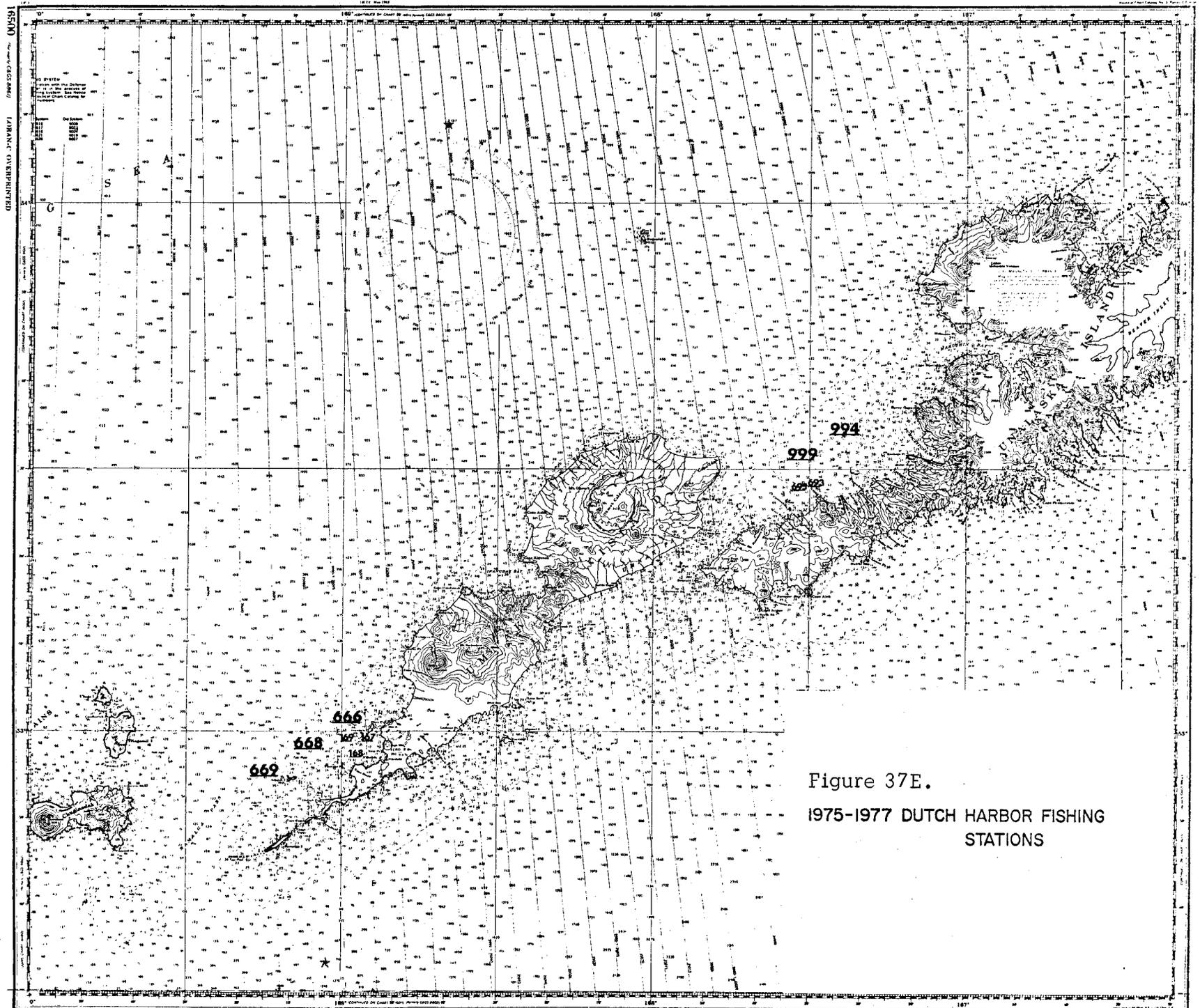


Figure 37E.  
1975-1977 DUTCH HARBOR FISHING STATIONS

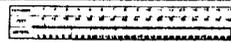


Table 7 . Year class (cohort) strengths by number of male Tanner crab *Chionoecetes bairdi* captured and percent of male catch for years 1975 - 1977, Dutch Harbor

Cohort Group	1975		1976		1977	
	No.	%	No.	%	No.	%
4 < 69	0	0	0	0	0	0
3 70-91	8	.1	20	.2	5	.1
2 92-114	281	5.2	579	6.7	132	3.3
1 115-139	1691	31.1	3445	39.8	1605	39.7
Newshe11 R 140-164	709	13.0	1955	22.6	1481	36.7
Oldshell-VOS PR 1 140-164	2290	42.1	2199	25.4	674	16.7
PR 2 $\geq$ 165	454	8.4	450	5.2	142	3.5
Legal TOTAL $\geq$ 140	3453	63.6	4604	53.2	2297	56.9
TOTAL CRABS $\bar{X}$ (mm)	5433 144		8649 140		4040 142	
POT LIFTS	493		573		602	

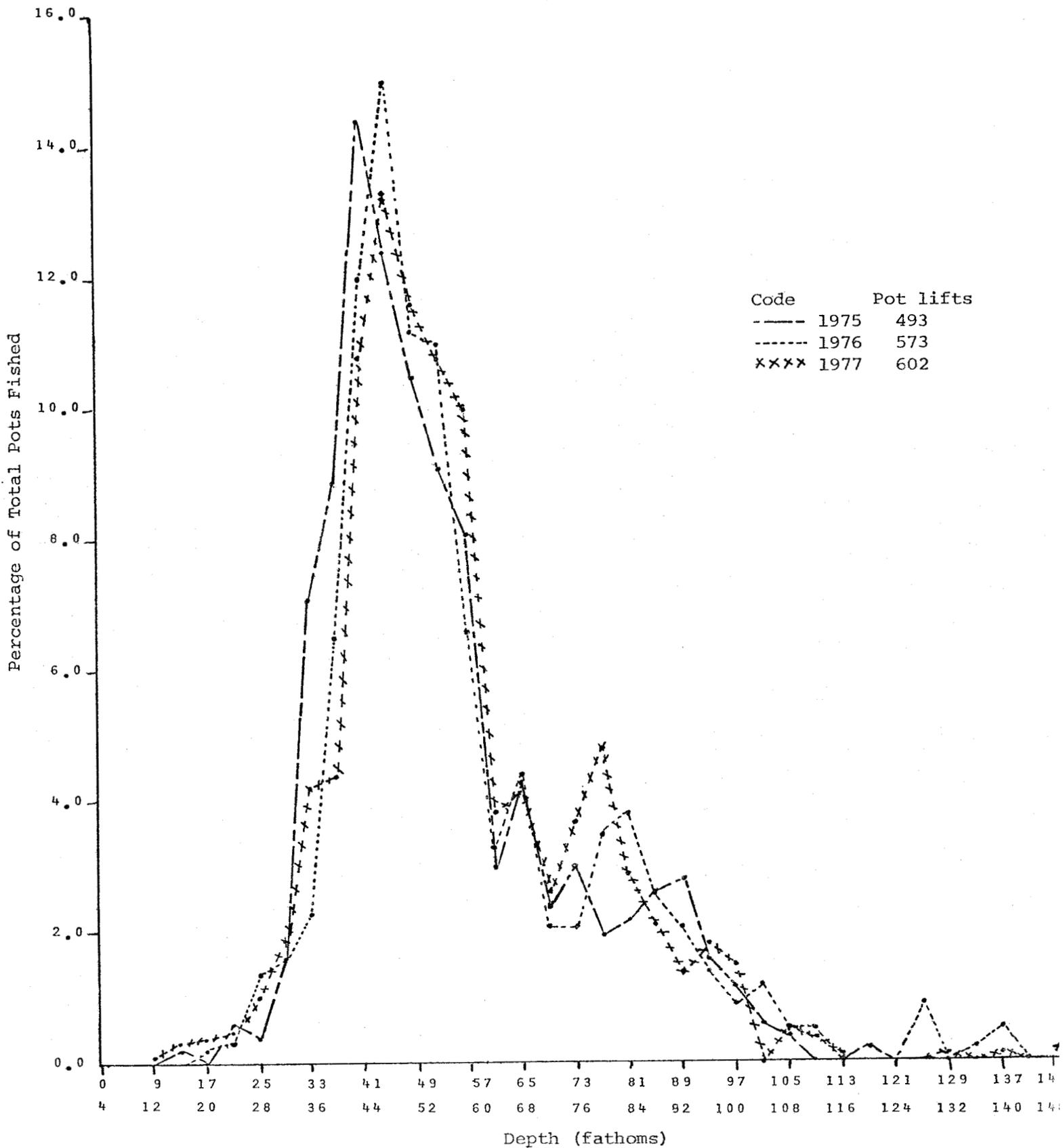


Figure 38. Percentage of the total number of pots fished by depth interval, 1975-1977 Dutch Harbor.

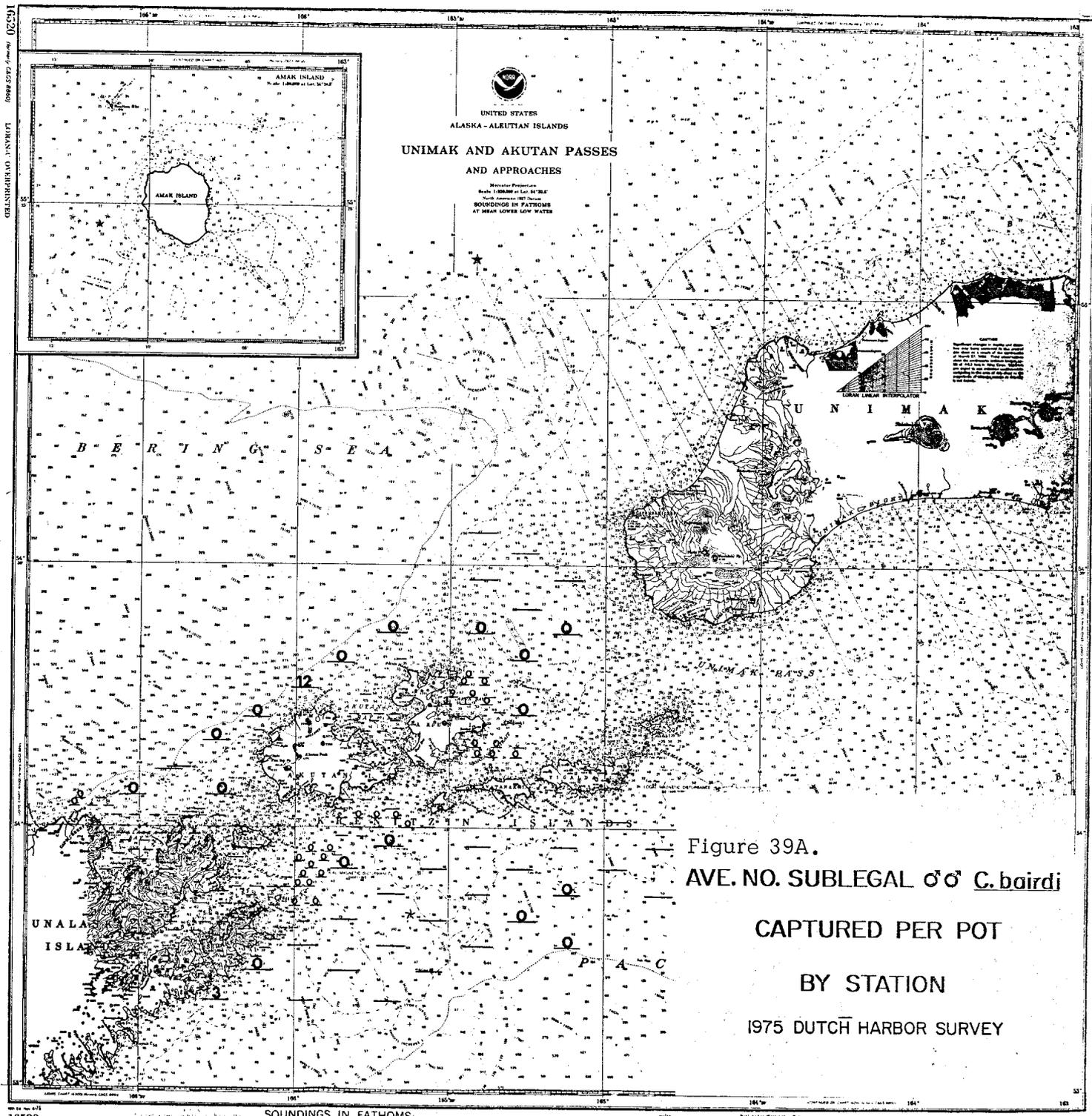


Figure 39A.  
 AVE. NO. SUBLEGAL ♂♂ *C. bairdi*  
 CAPTURED PER POT  
 BY STATION  
 1975 DUTCH HARBOR SURVEY

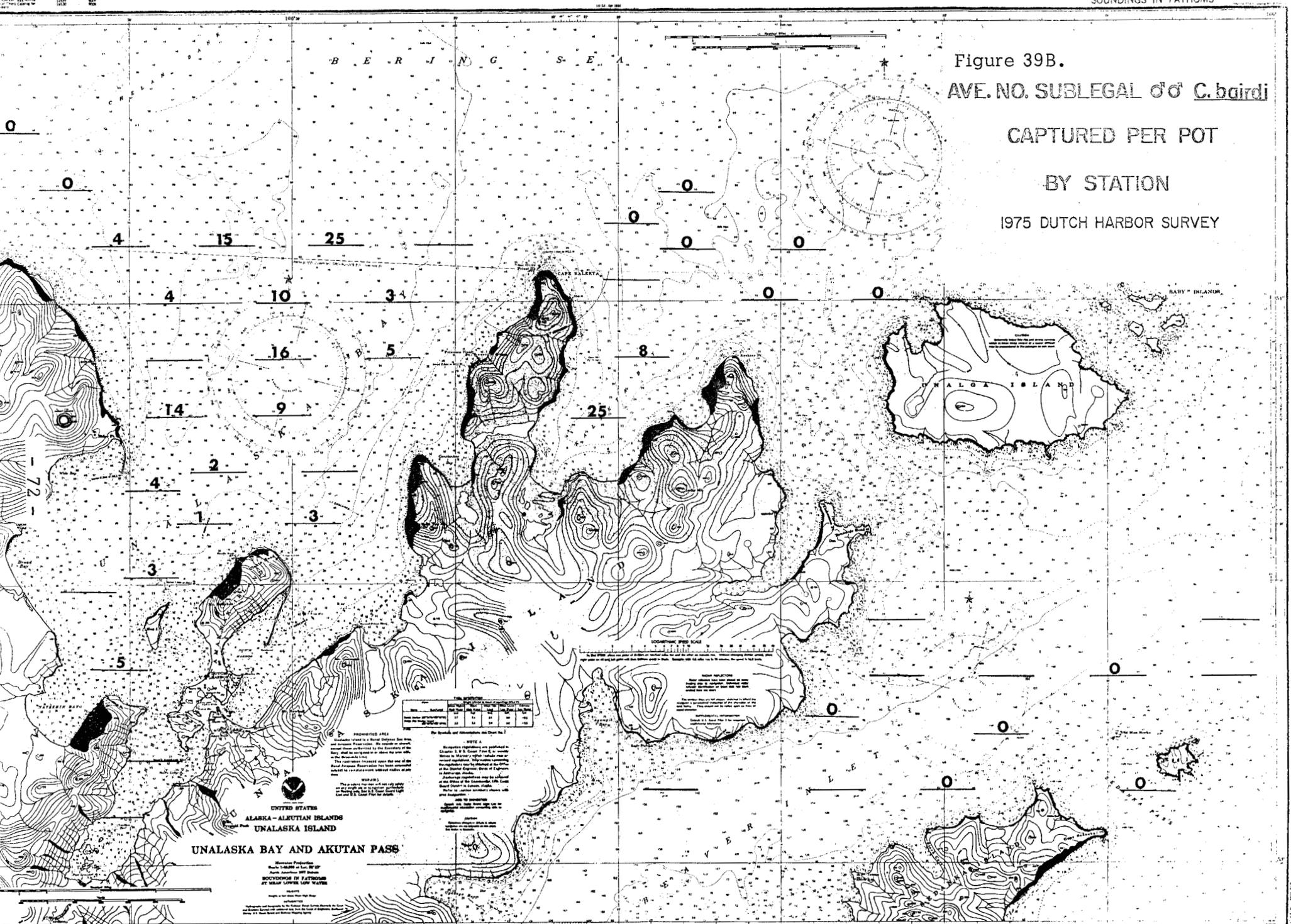
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 (Formerly GAGS 8840)  
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Figure 39B.  
 AVE. NO. SUBLEGAL ♂♂ *C. bairdi*  
 CAPTURED PER POT  
 BY STATION  
 1975 DUTCH HARBOR SURVEY



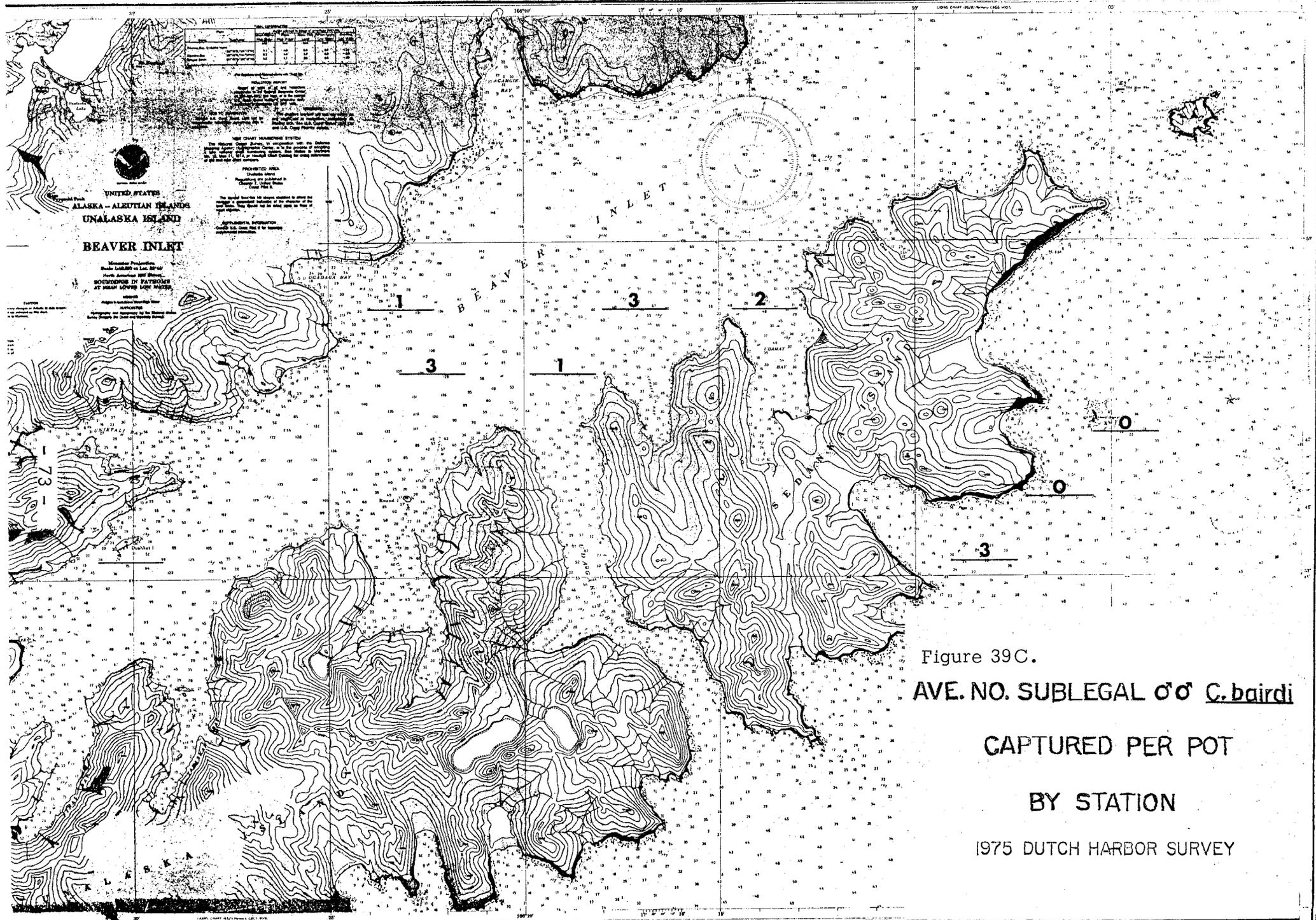


Figure 39C.  
 AVE. NO. SUBLEGAL ♂♂ *C. bairdi*  
 CAPTURED PER POT  
 BY STATION  
 1975 DUTCH HARBOR SURVEY







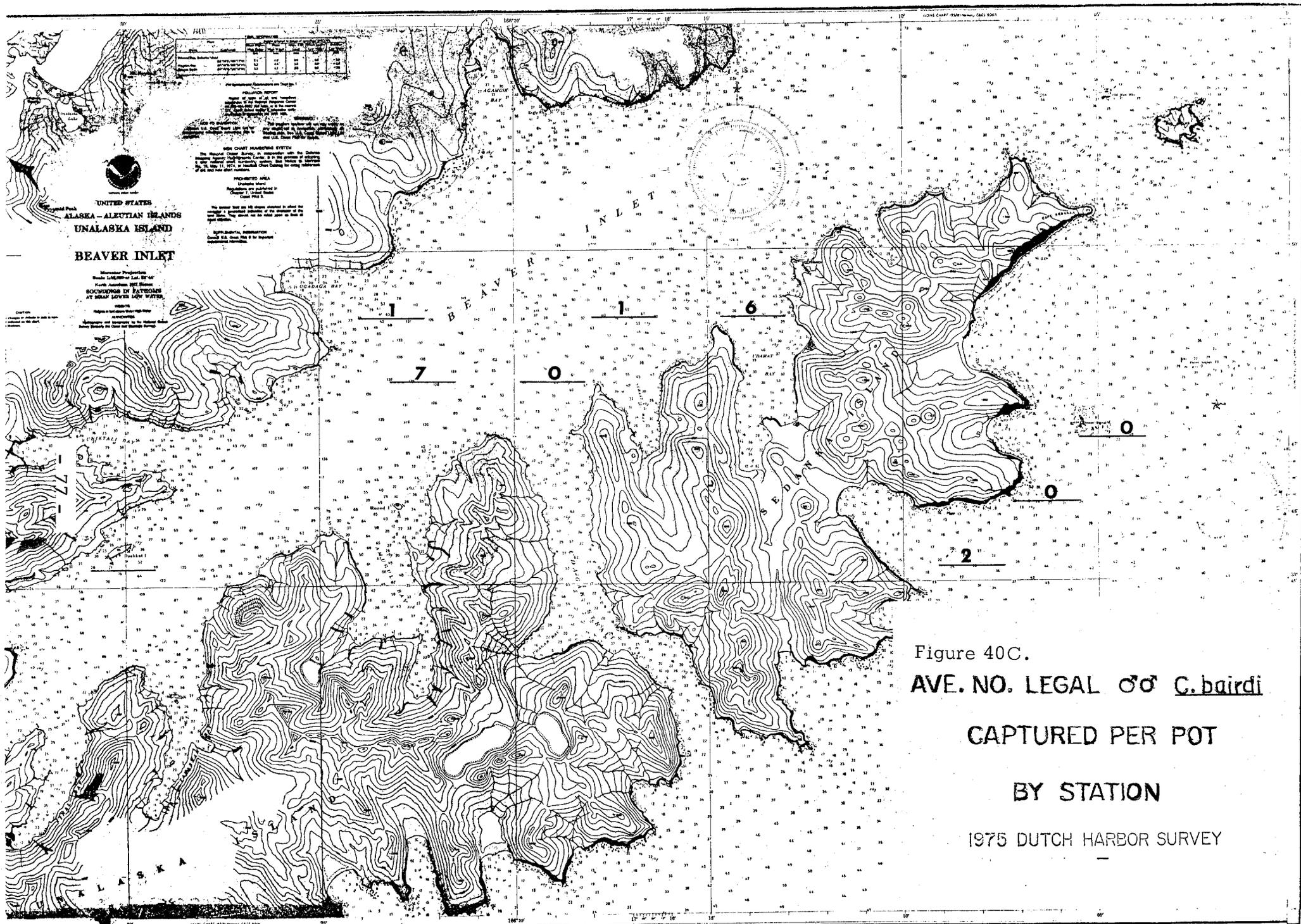


Figure 40C.  
 AVE. NO. LEGAL ♂♂ C. bairdi  
 CAPTURED PER POT  
 BY STATION  
 1975 DUTCH HARBOR SURVEY

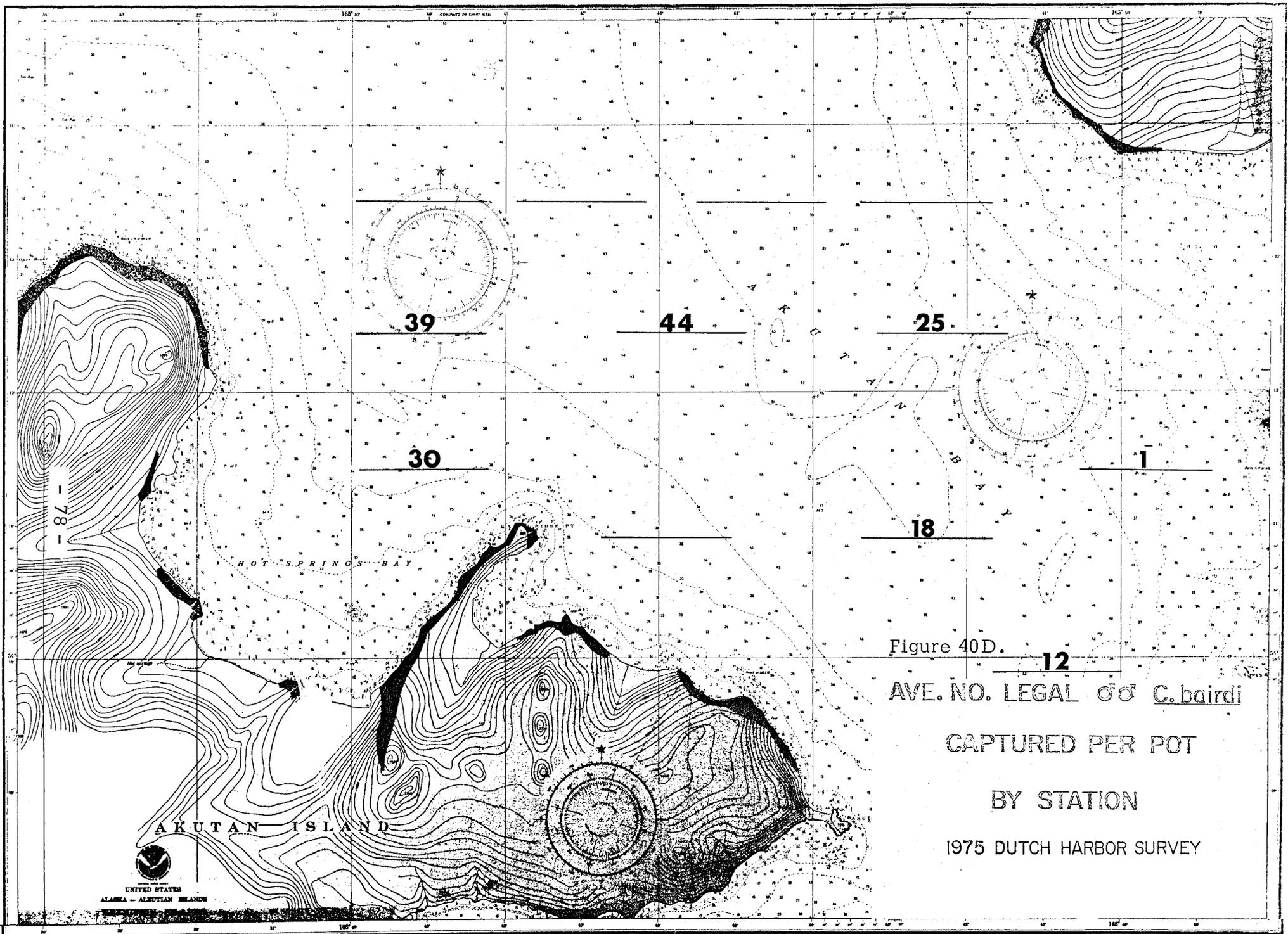


Figure 40D.

**12**

AVE. NO. LEGAL ♂♂ *C. bairdi*

CAPTURED PER POT

BY STATION

1975 DUTCH HARBOR SURVEY







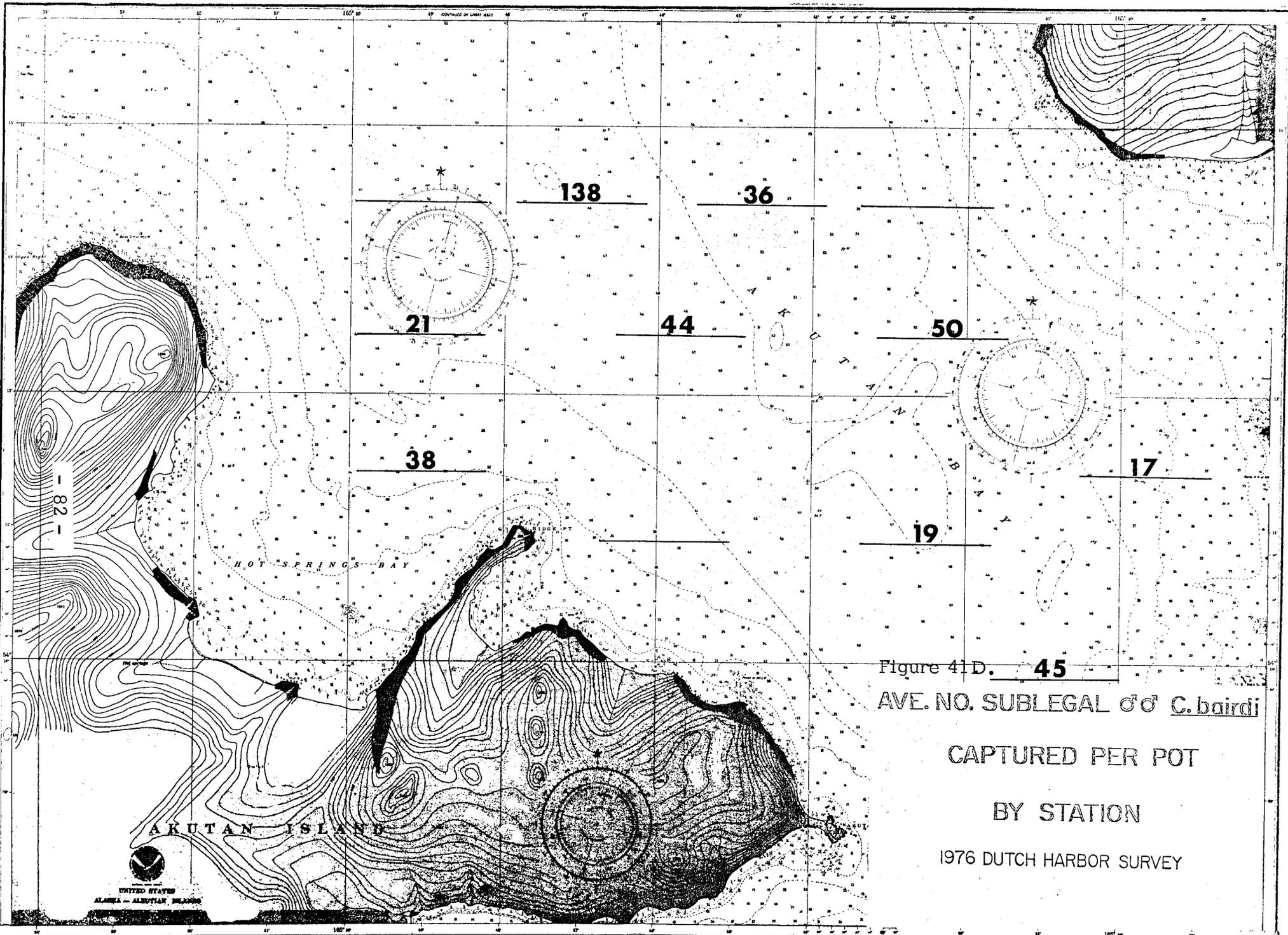


Figure 41 D. **45**  
 AVE. NO. SUBLEGAL ♂♂ *C. bairdi*  
 CAPTURED PER POT  
 BY STATION  
 1976 DUTCH HARBOR SURVEY

16500 (over) Sounding  
LORAN-C OVERPRINTED

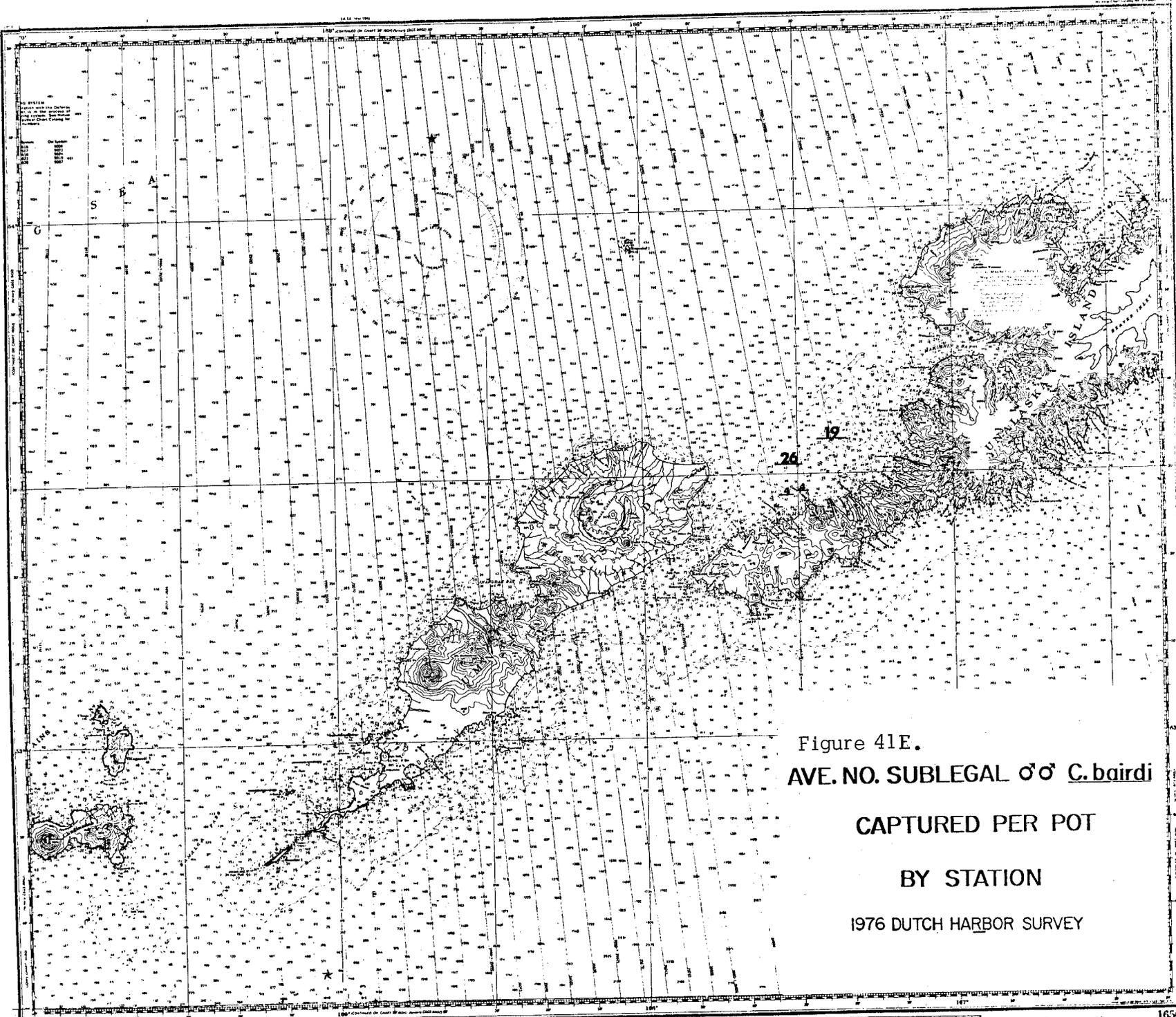
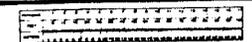


Figure 41E.  
 AVE. NO. SUBLEGAL ♂♂ *C. bairdi*  
 CAPTURED PER POT  
 BY STATION  
 1976 DUTCH HARBOR SURVEY



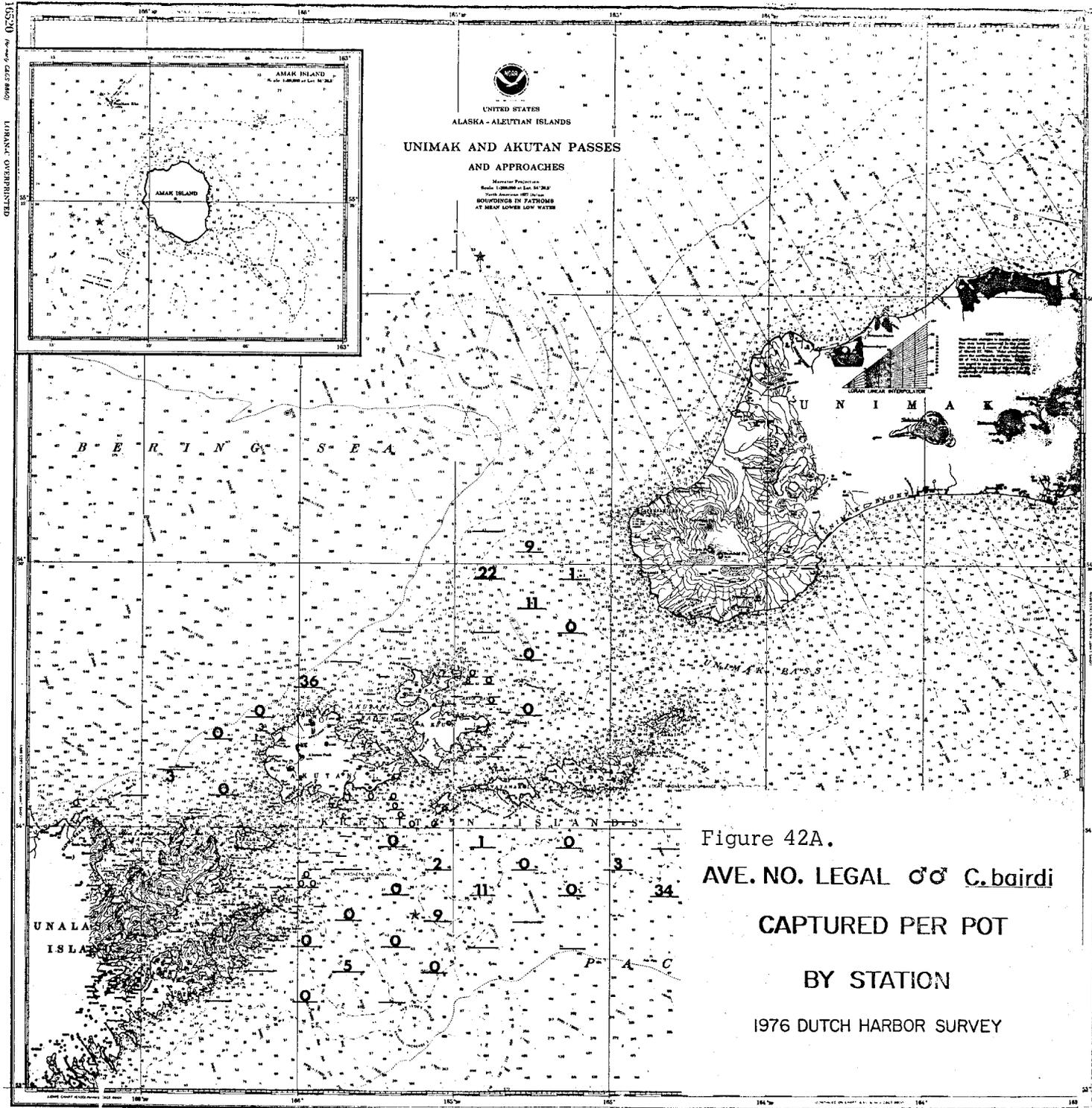


Figure 42A.  
 AVE. NO. LEGAL ♂♀ C. bairdi  
 CAPTURED PER POT  
 BY STATION  
 1976 DUTCH HARBOR SURVEY

16520  
 (Formerly CGS 8862)  
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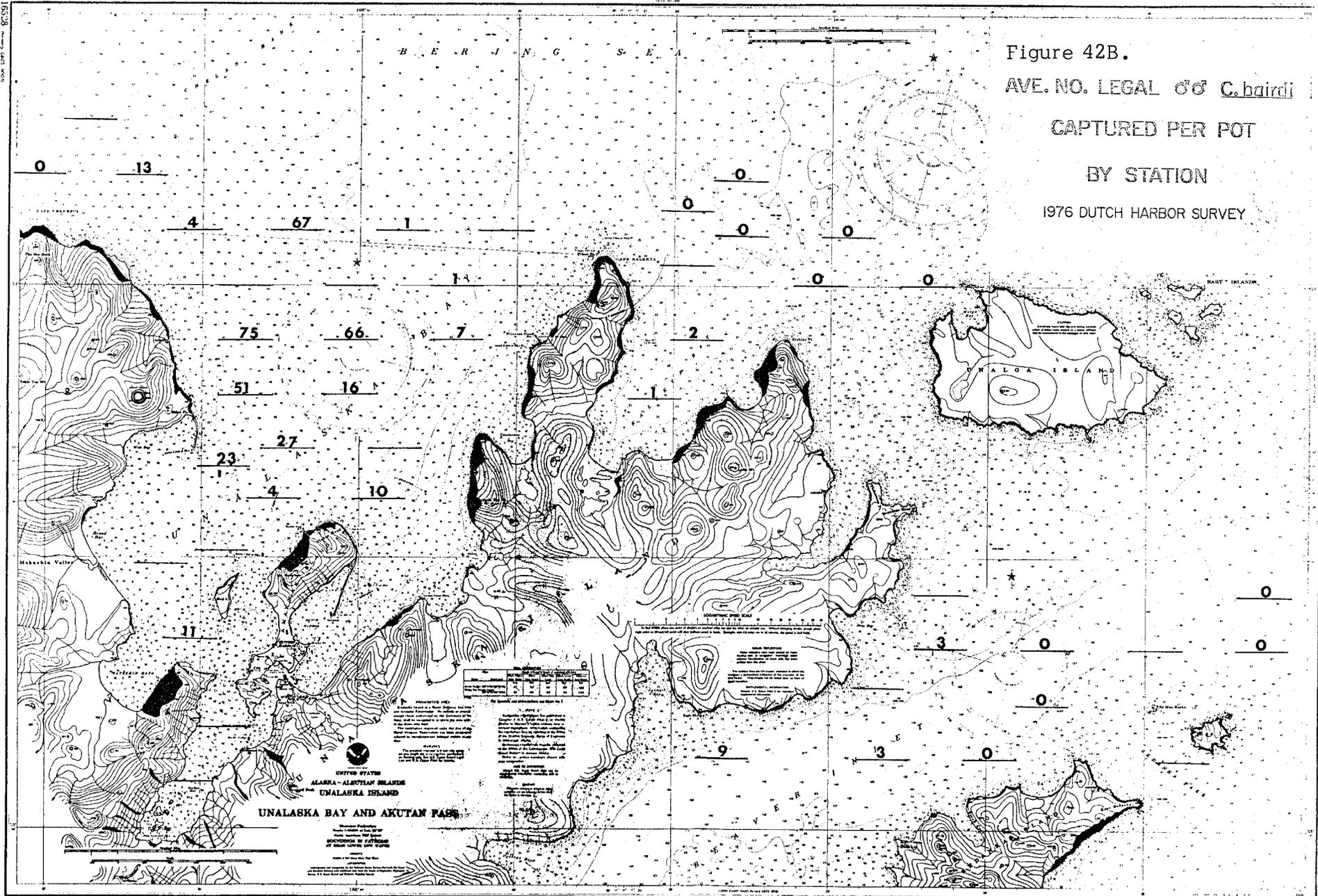


Figure 42B.  
 AVE. NO. LEGAL ♂♂ *C. bairdi*  
 CAPTURED PER POT  
 BY STATION  
 1976 DUTCH HARBOR SURVEY

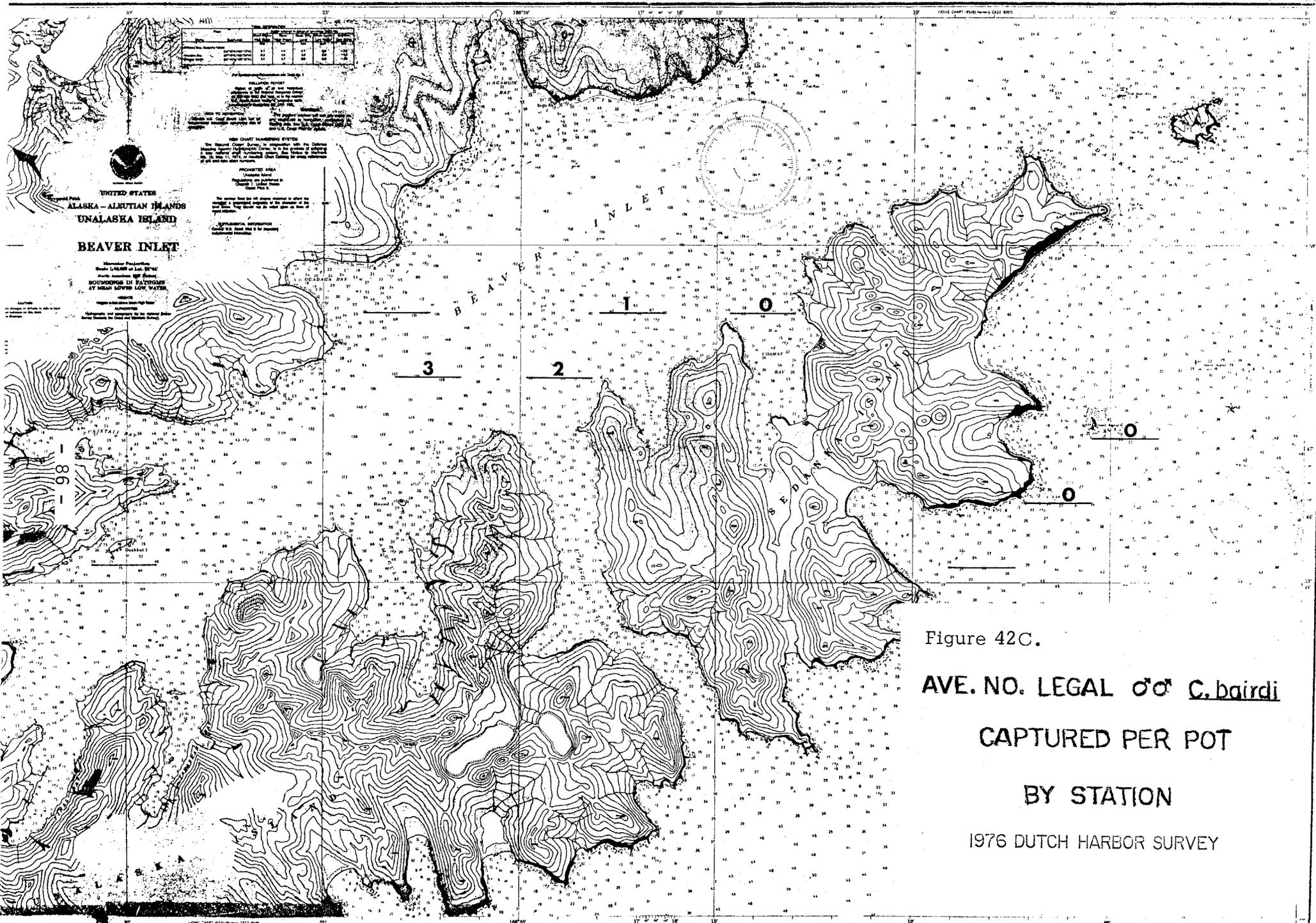


Figure 42C.  
**AVE. NO. LEGAL ♂♂ *C. bairdi***  
**CAPTURED PER POT**  
**BY STATION**  
 1976 DUTCH HARBOR SURVEY

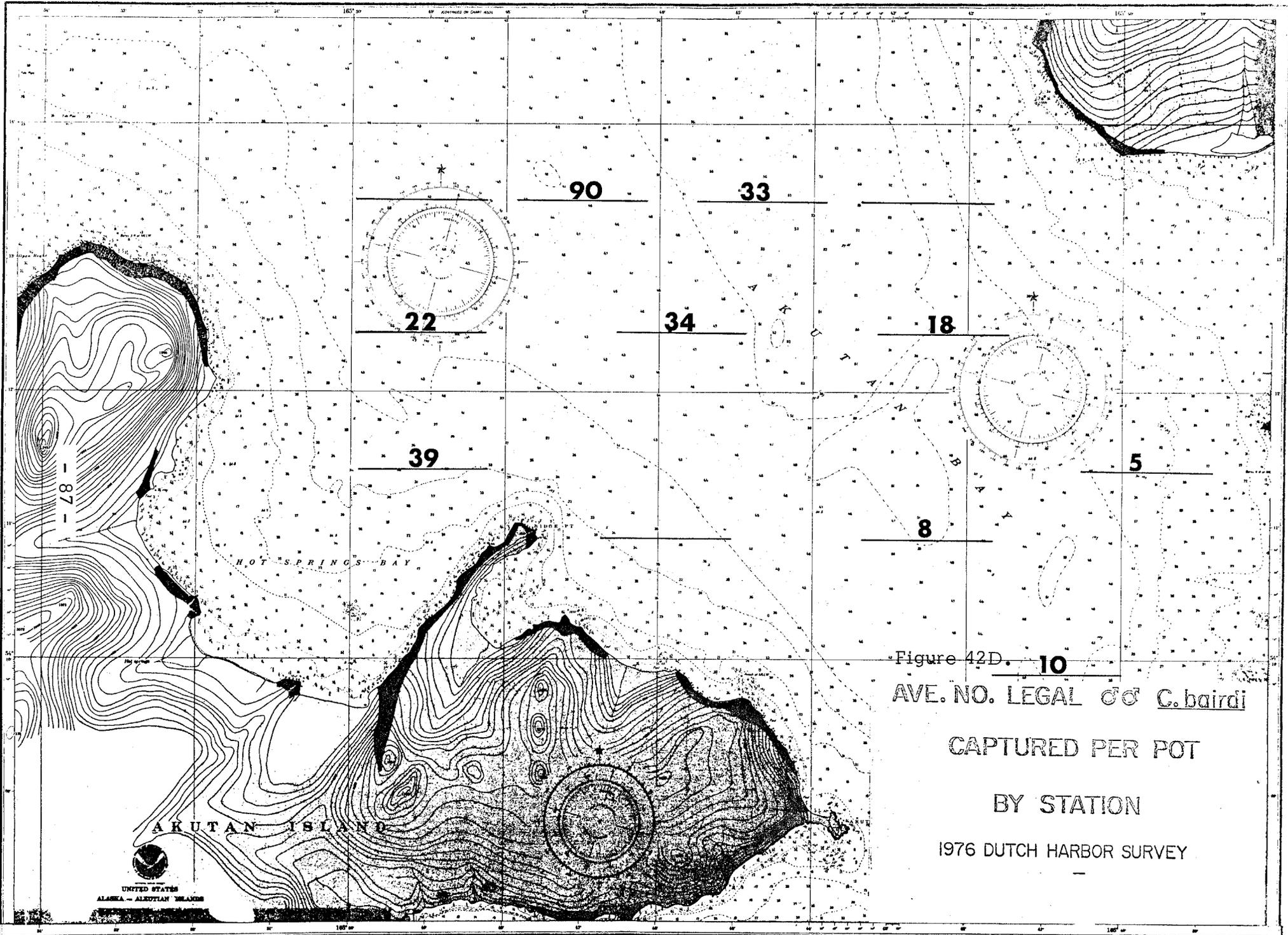


Figure 42D. **10**  
 AVE. NO. LEGAL ♂♂ *C. bairdi*  
 CAPTURED PER POT  
 BY STATION  
 1976 DUTCH HARBOR SURVEY

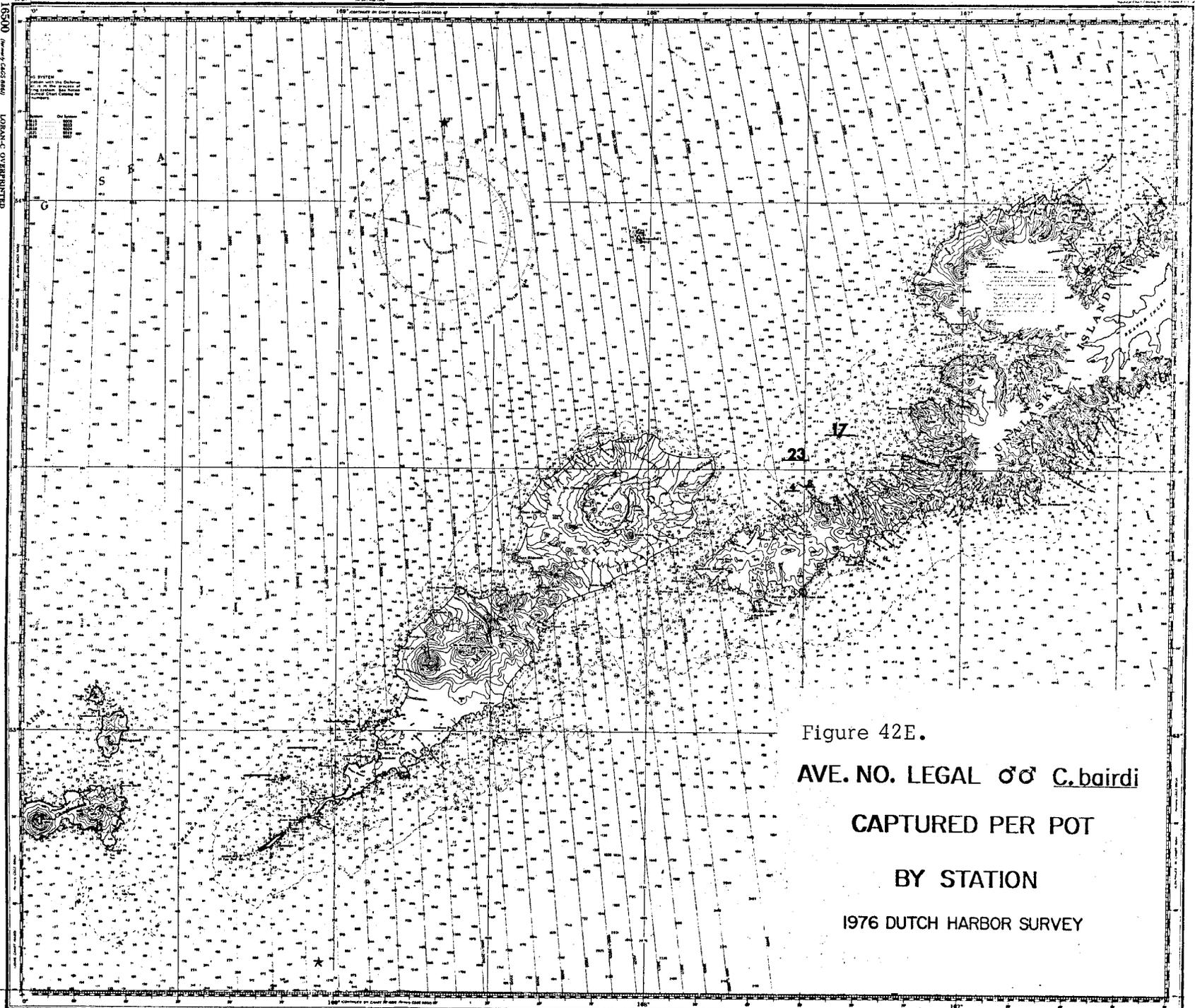


Figure 42E.  
 AVE. NO. LEGAL ♂♂ *C. bairdi*  
 CAPTURED PER POT  
 BY STATION  
 1976 DUTCH HARBOR SURVEY

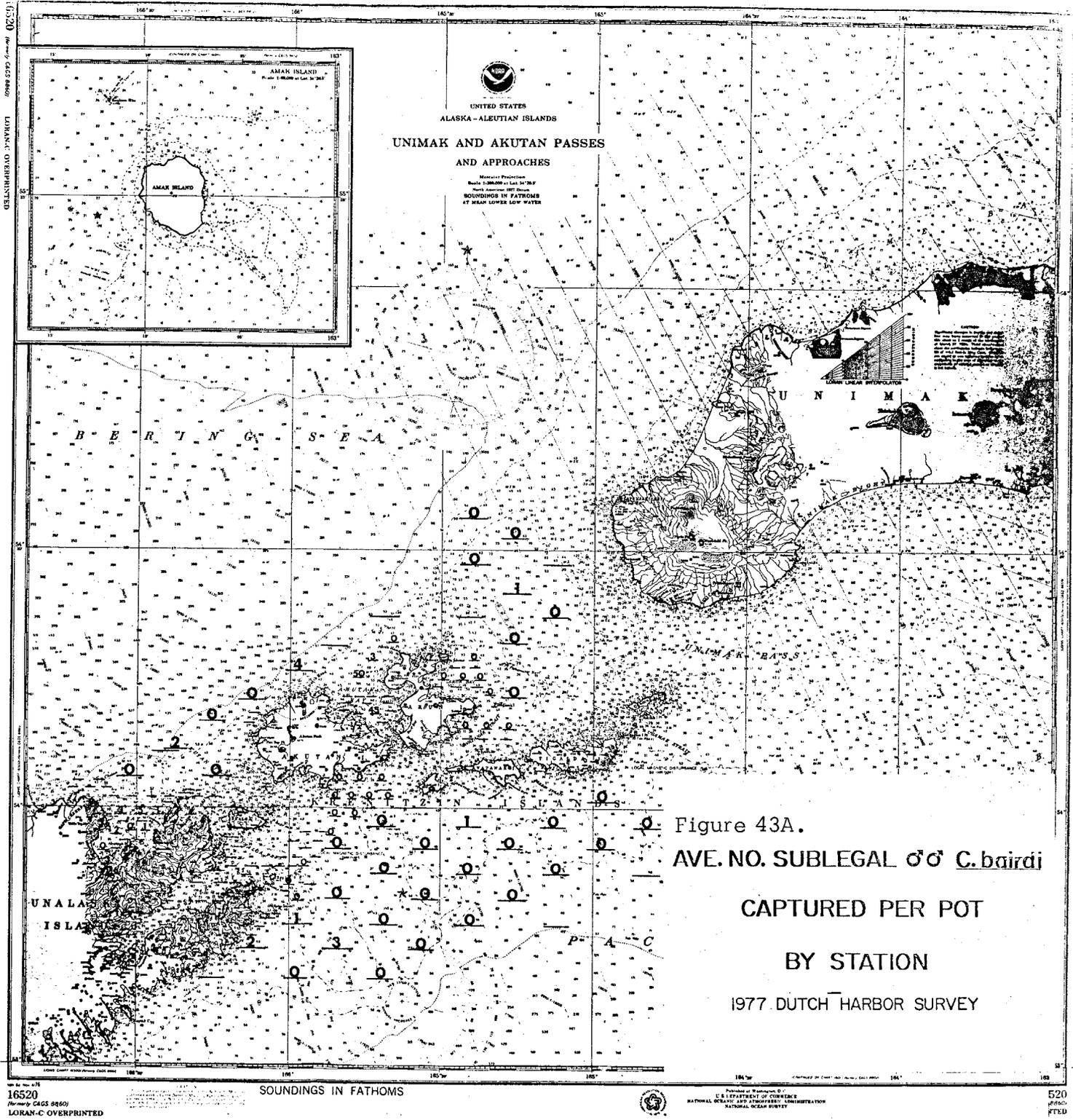
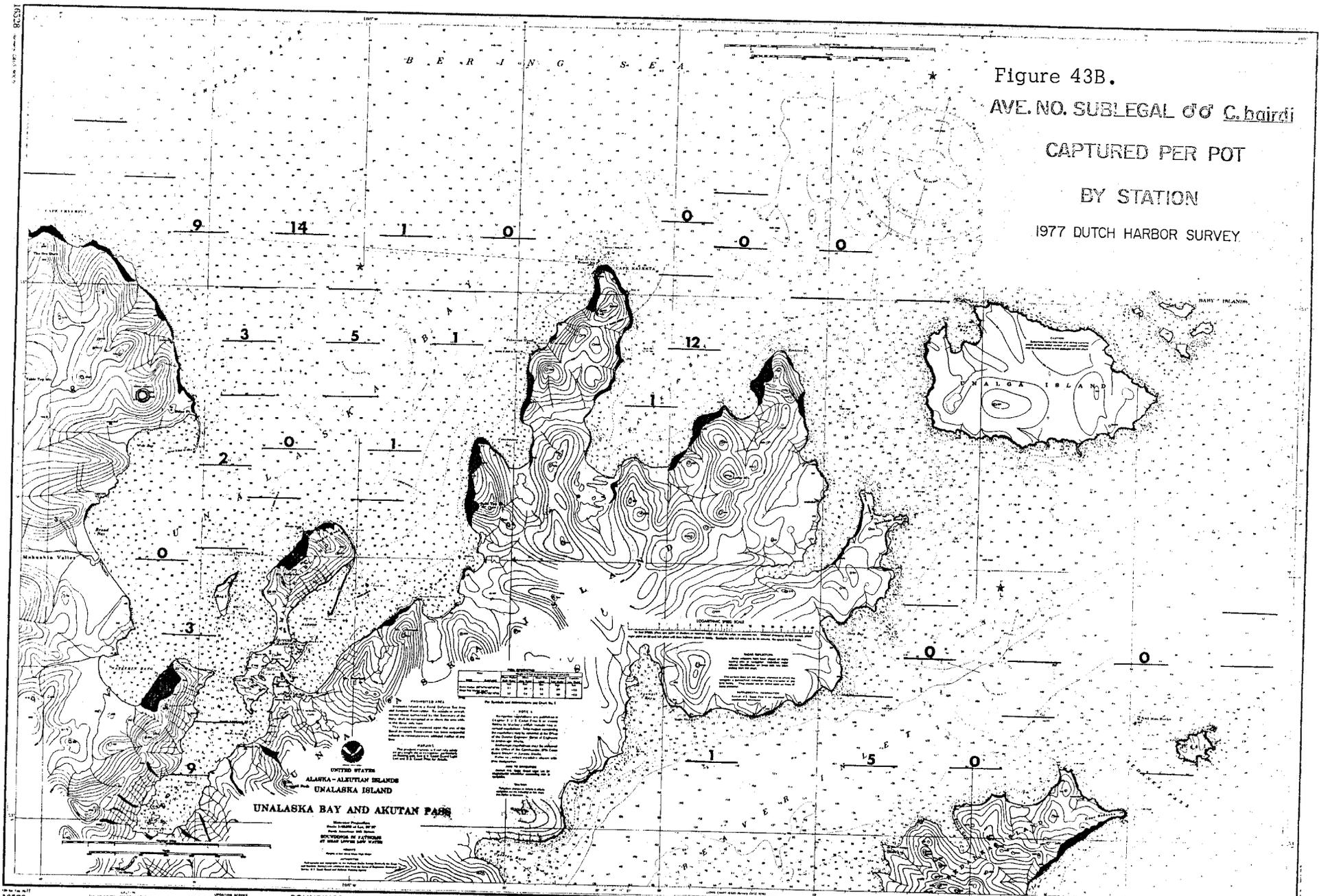


Figure 43A.  
 AVE. NO. SUBLEGAL ♂♂ *C. bairdi*  
 CAPTURED PER POT  
 BY STATION  
 1977 DUTCH HARBOR SURVEY

B E R I N G S E A

Figure 43B.  
 AVE. NO. SUBLEGAL ♂♂ *C. bairdi*  
 CAPTURED PER POT  
 BY STATION  
 1977 DUTCH HARBOR SURVEY



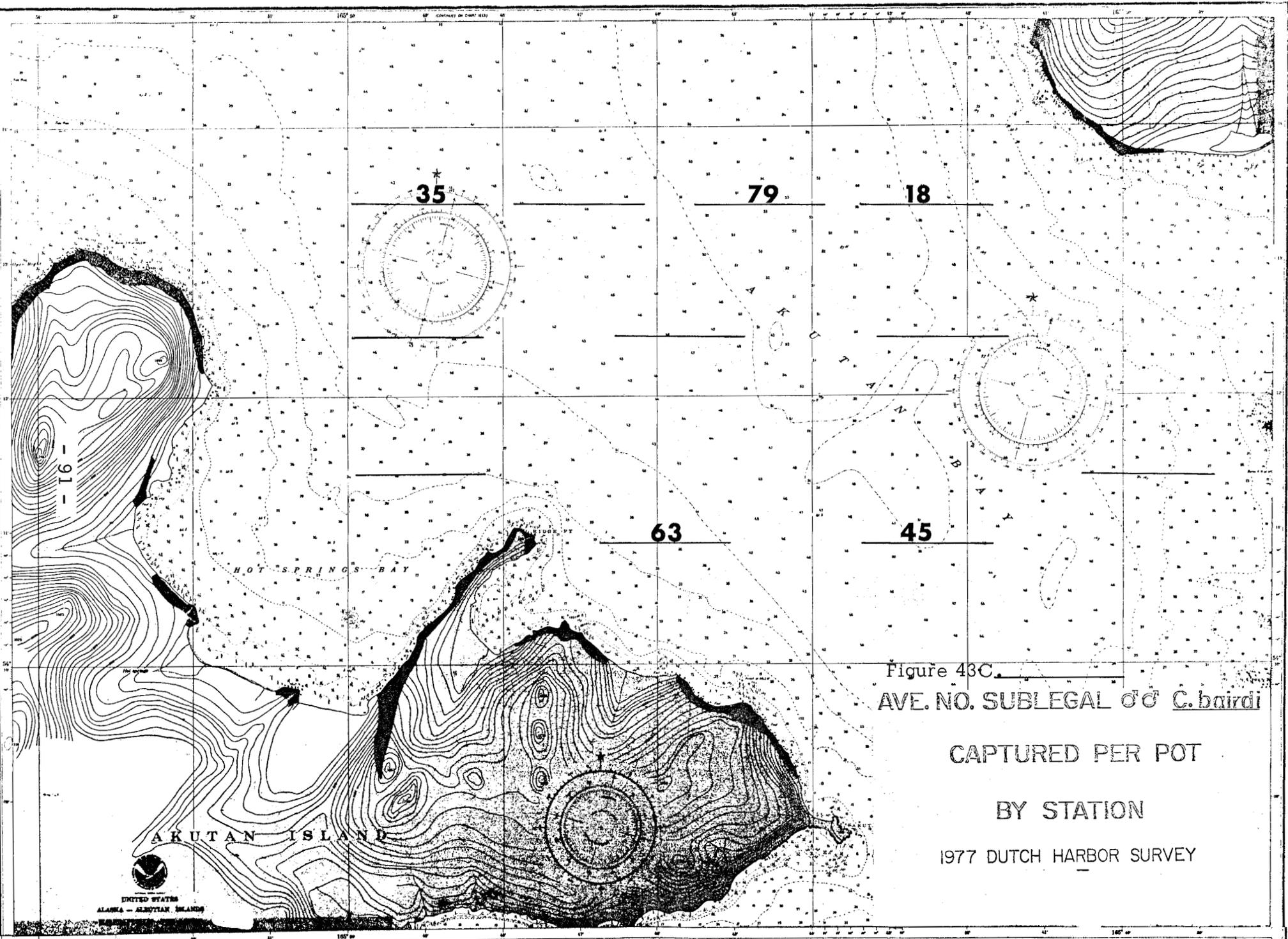


Figure 43C.  
 AVE. NO. SUBLEGAL ♂♂ *C. bairdi*  
 CAPTURED PER POT  
 BY STATION  
 1977 DUTCH HARBOR SURVEY

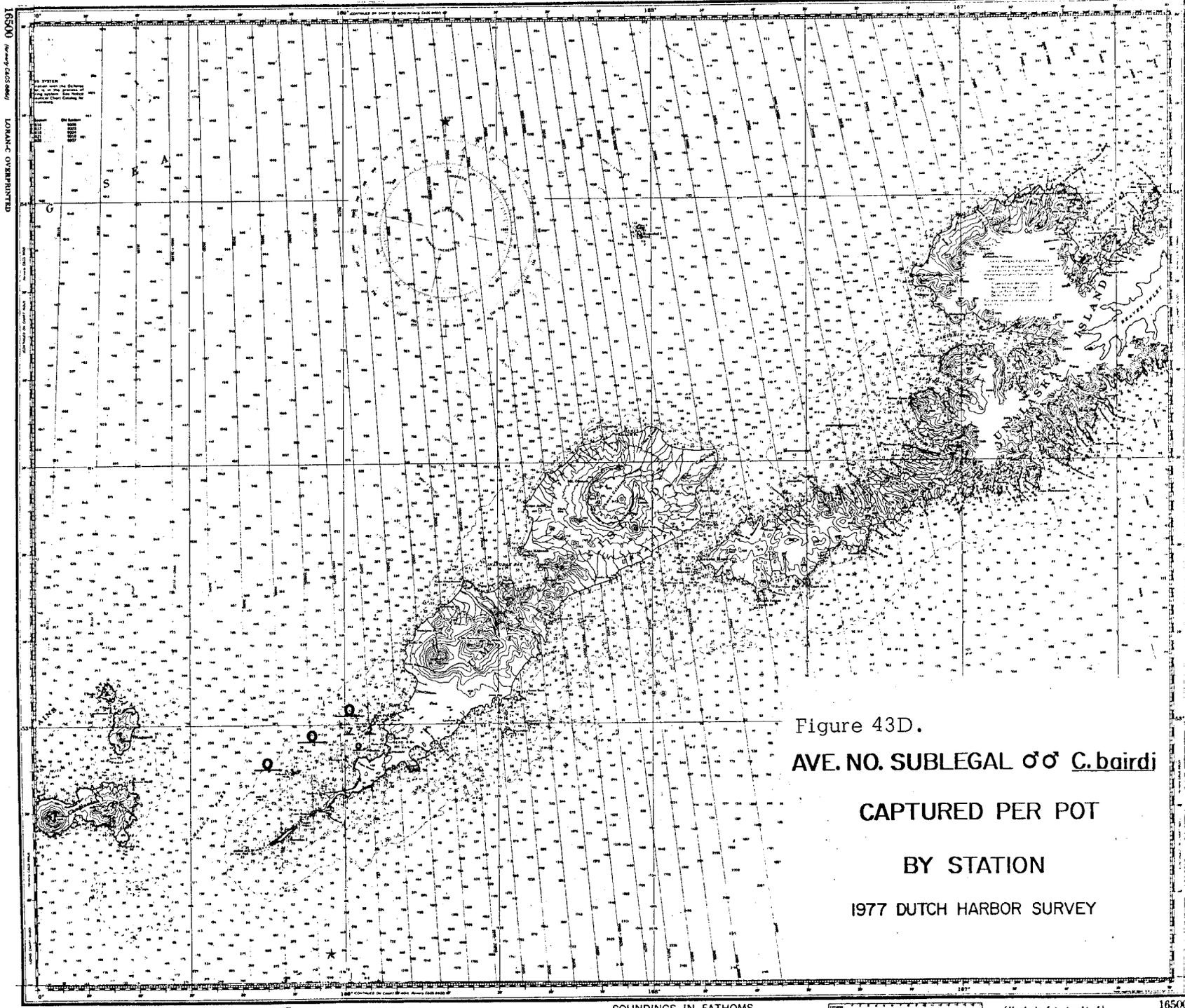


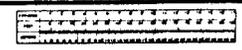
Figure 43D.  
**AVE. NO. SUBLEGAL ♂♂ *C. bairdi***  
**CAPTURED PER POT**  
**BY STATION**  
**1977 DUTCH HARBOR SURVEY**

16500  
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SOUNDINGS IN FATHOMS



(Unalaska I to Amukta I)  
 16500  
 LORAN-C OVERPRINTED

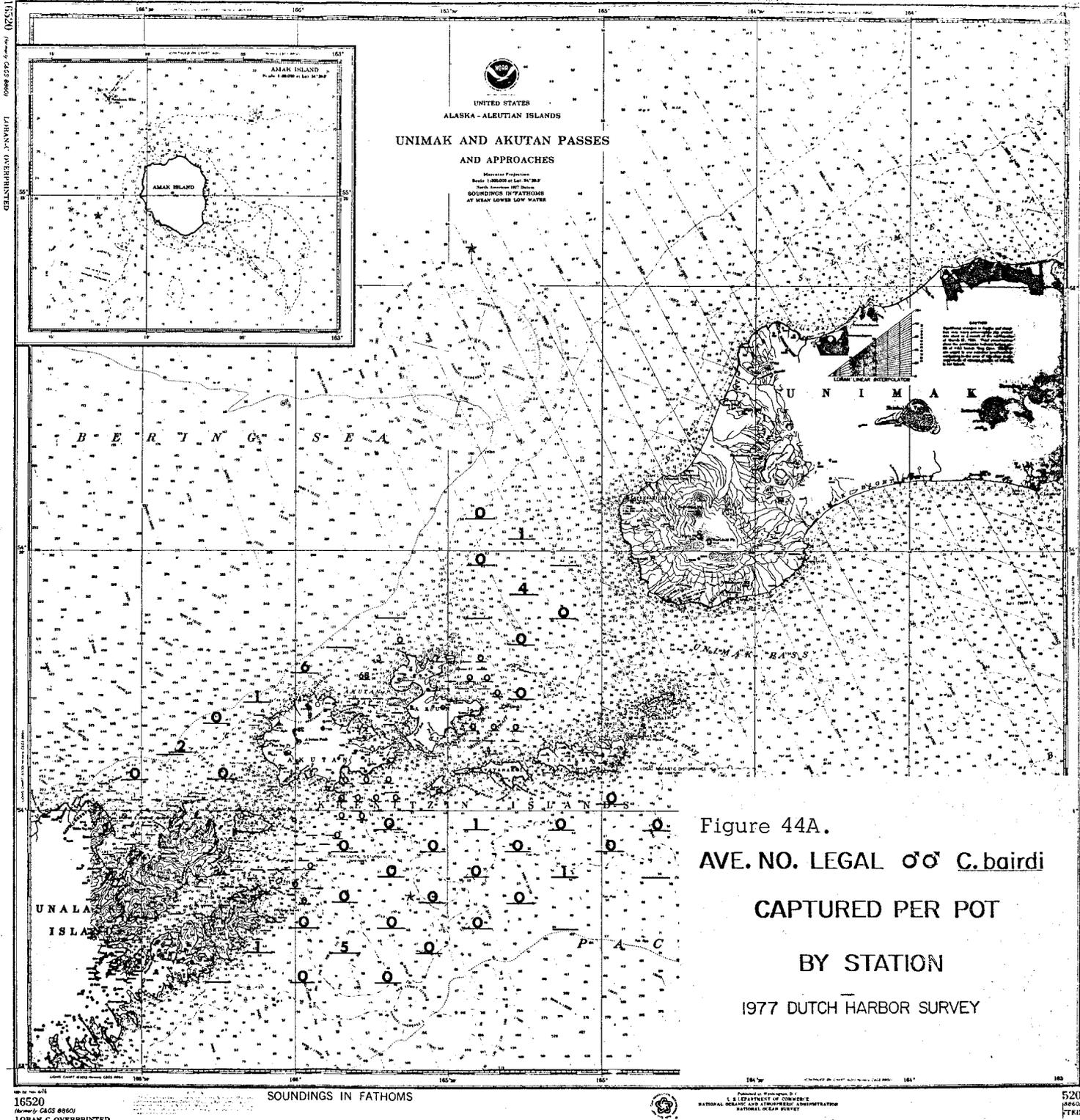


Figure 44A.  
 AVE. NO. LEGAL ♂♂ *C. bairdi*  
 CAPTURED PER POT  
 BY STATION  
 1977 DUTCH HARBOR SURVEY

16520  
 (Rev. 7/65) CAGS 8850  
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SOUNDINGS IN FATHOMS

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 NATIONAL OCEAN SERVICE

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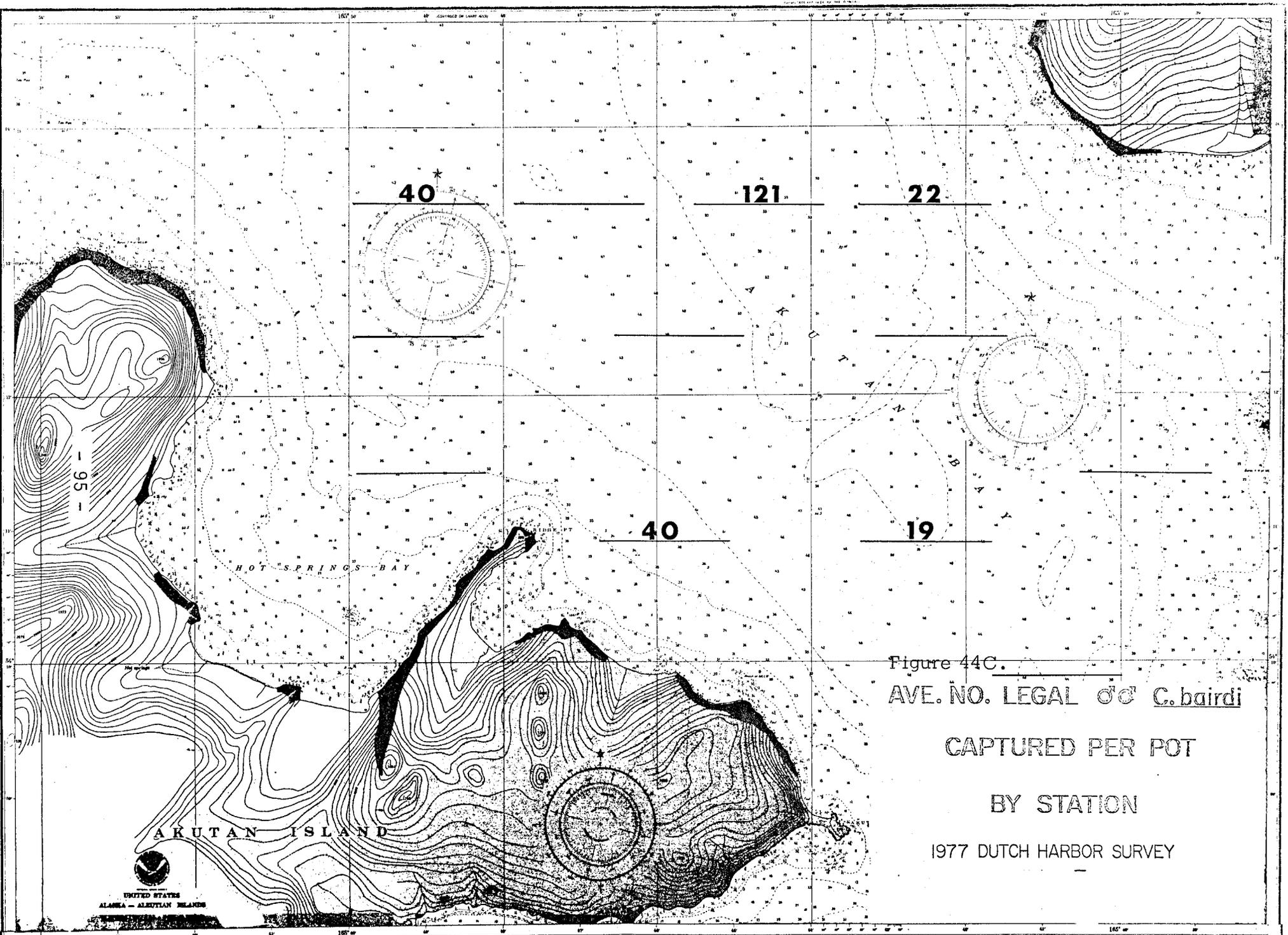


Figure 44C.  
 AVE. NO. LEGAL ♂♂ *C. bairdi*  
 CAPTURED PER POT  
 BY STATION  
 1977 DUTCH HARBOR SURVEY

16500  
LORAN-C OVERPRINTED

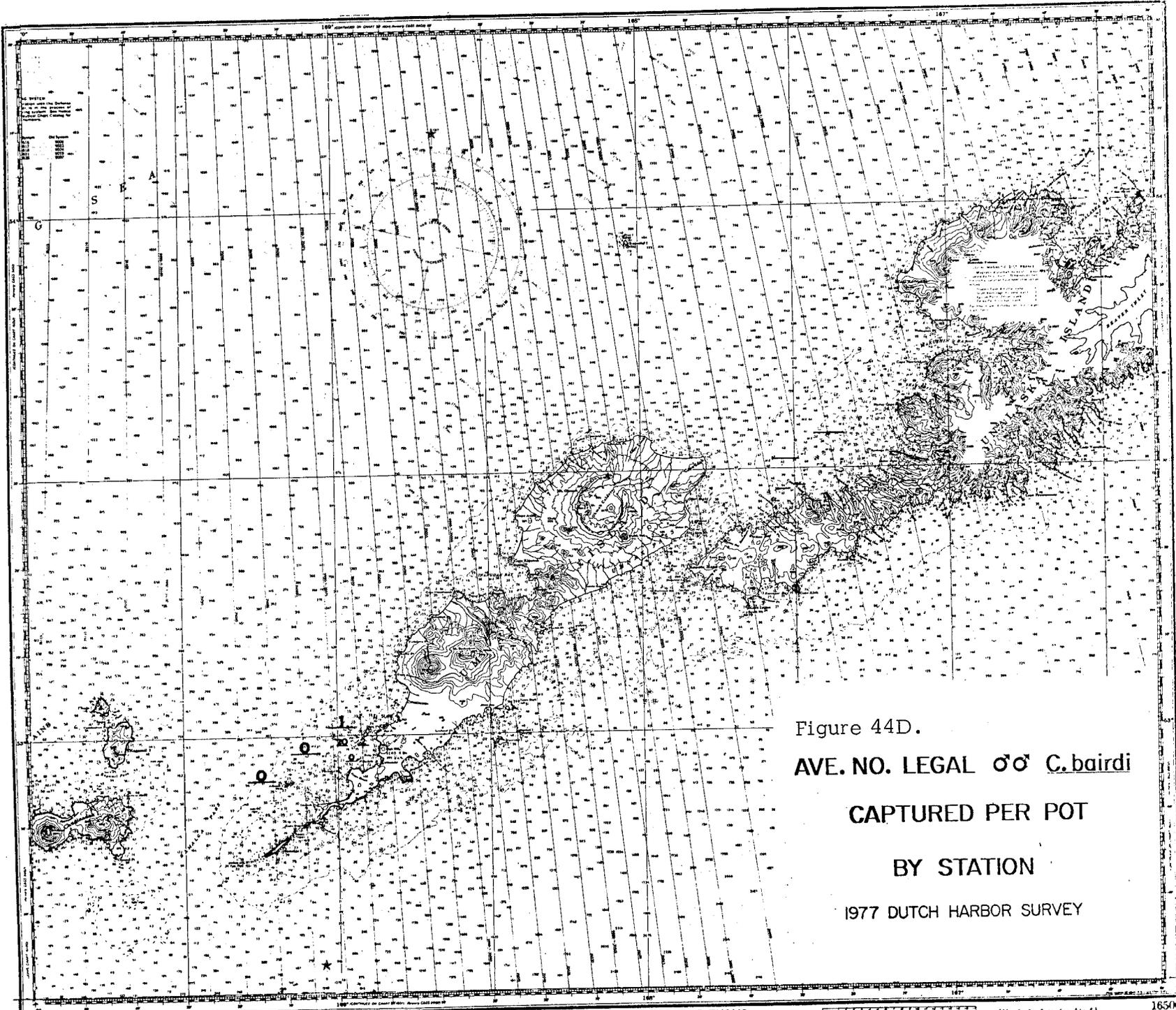


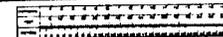
Figure 44D.

AVE. NO. LEGAL ♂♂ *C. bairdi*

CAPTURED PER POT

BY STATION

1977 DUTCH HARBOR SURVEY



nile females were captured (Table 1). Appendix Tables 5 and 6 present the average catch per pot by station by year with associated relative index values.

#### Size Composition:

The mean size of male Tanner crab ranged from 140 mm in 1976 to 144 mm in 1975 (Table 7). Crabs  $\geq 140$  mm comprised the most abundant size group captured comprising approximately 64, 53, and 57% of the catch in 1975-1977, respectively.

#### Exoskeletal Age:

Oldshell crabs were more abundant than newshell or very oldshell in 1975 and 1976 comprising 63 and 50% of the total catch respectively. In 1977 newshell crab comprised 66% of the catch while oldshell crabs comprised only 29%. Very oldshell crabs comprised only 2, 1, and 4% of the catch from 1975 to 1977, respectively (Table 8). The number of newshell, oldshell, and very oldshell crab by carapace width captured each survey are depicted on Figures 45 to 47.

#### Cohort Analysis:

Year class strengths by number and percent of male Tanner crab captured are presented in Table 7. Trends in year class abundance are not predictable from this data.

As an example, in 1975, 281 crab 92-114 mm were captured. The succeeding year 3445 crab 115-139 (next instar) were captured. This figure dropped to 1481 recruits in 1977.

#### Adak

Surveys were completed yearly from 1975 through 1977. Research station locations are presented on Figures 48A and 48B. The most ocean and bay stations fished on a survey was 45 and 148 in 1975, respectively. A total of 231 individual station locations (172 bay, 59 ocean) were fished over a 3 year period. Pot lifts ranged from 1025 to 360 from 1975 to 1977 (Table 1). Depth of fishing ranged from 18 to 288 meters (10-160 fm). Research effort in terms of pots fished per depth zone was different between all years (Figure 49).

Table 8 . Number of male Tanner crab *Chionoecetes bairdi* captured by cohort and exoskeletal age groups, 1975-1977 Dutch Harbor

Cohort Group	1975			1976			1977		
	NS	OS	VOS	NS	OS	VOS	NS	OS	VOS
Fours $\leq$ 69	0	0	0	0	0	0	0	0	0
Threes 70-91	5	3	0	16	4	0	4	0	1
Twos 92-114	196	76	9	302	267	10	92	37	3
Ones 115-139	962	679	50	1821	1593	31	1026	510	69
Recruits 140-164 Newshell	709	-	-	1955	-	-	1481	-	-
Post Recruits 1 Oldshell + VOS	-	2253	37	-	2163	36	-	579	95
Post Recruits $\geq$ 165 2	60	394	0	153	295	2	78	56	8
TOTAL	1932	3405	96	4248	4322	79	2681	1182	177
% of TOTAL	35.6	62.7	1.8	49.1	49.9	0.9	66.4	29.3	4.4

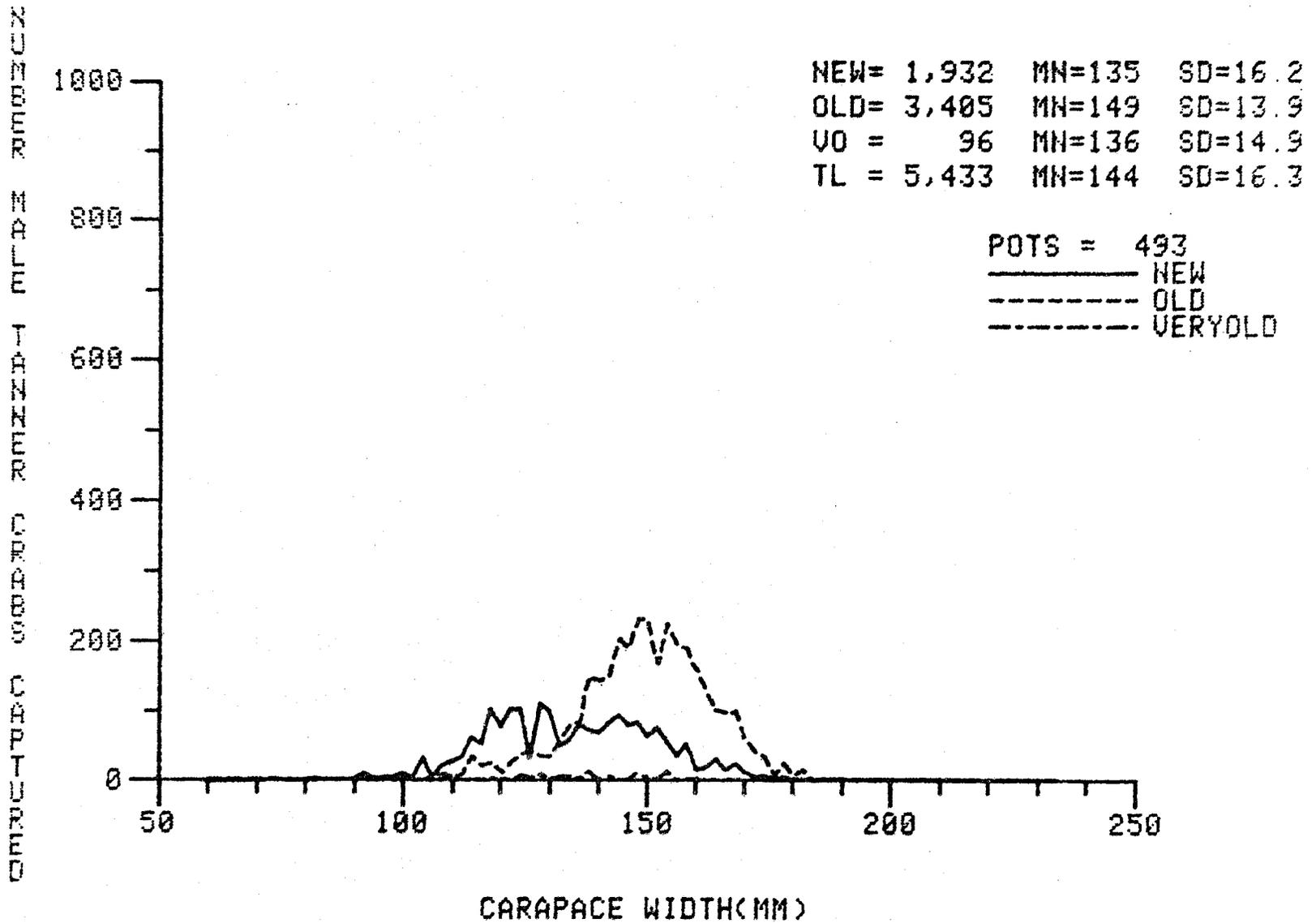


Figure 45. Carapace width frequency of new, old, and very old shell male Tanner crab, *Chionoecetes bairdi*, captured on the 1975 Dutch Harbor survey.



DATE-TIME OF SURVEY

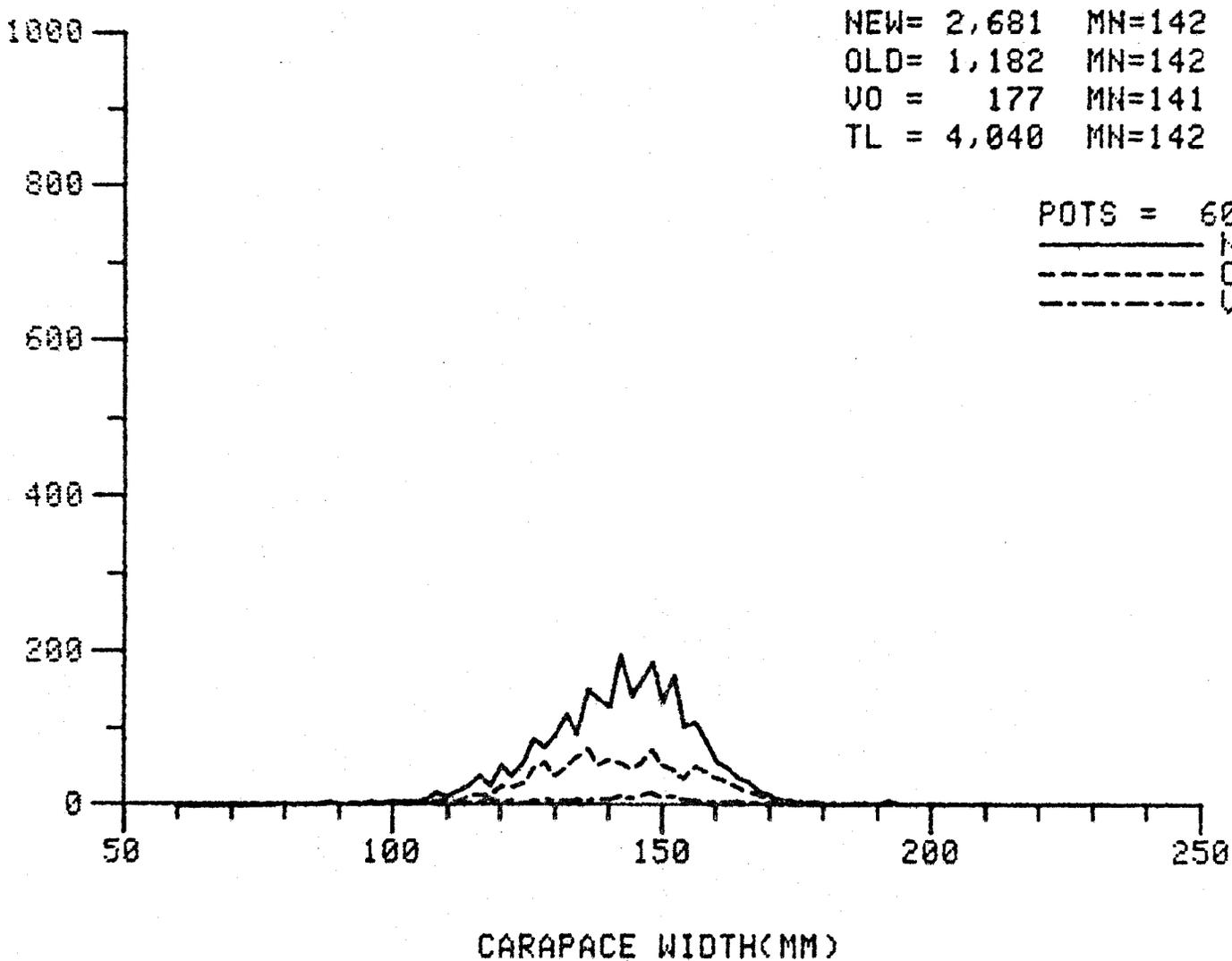


Figure 47. Carapace width frequency of new, old, and very old shell male Tanner crab, *Chionoecetes bairdi*, captured on the 1977 Dutch Harbor survey.

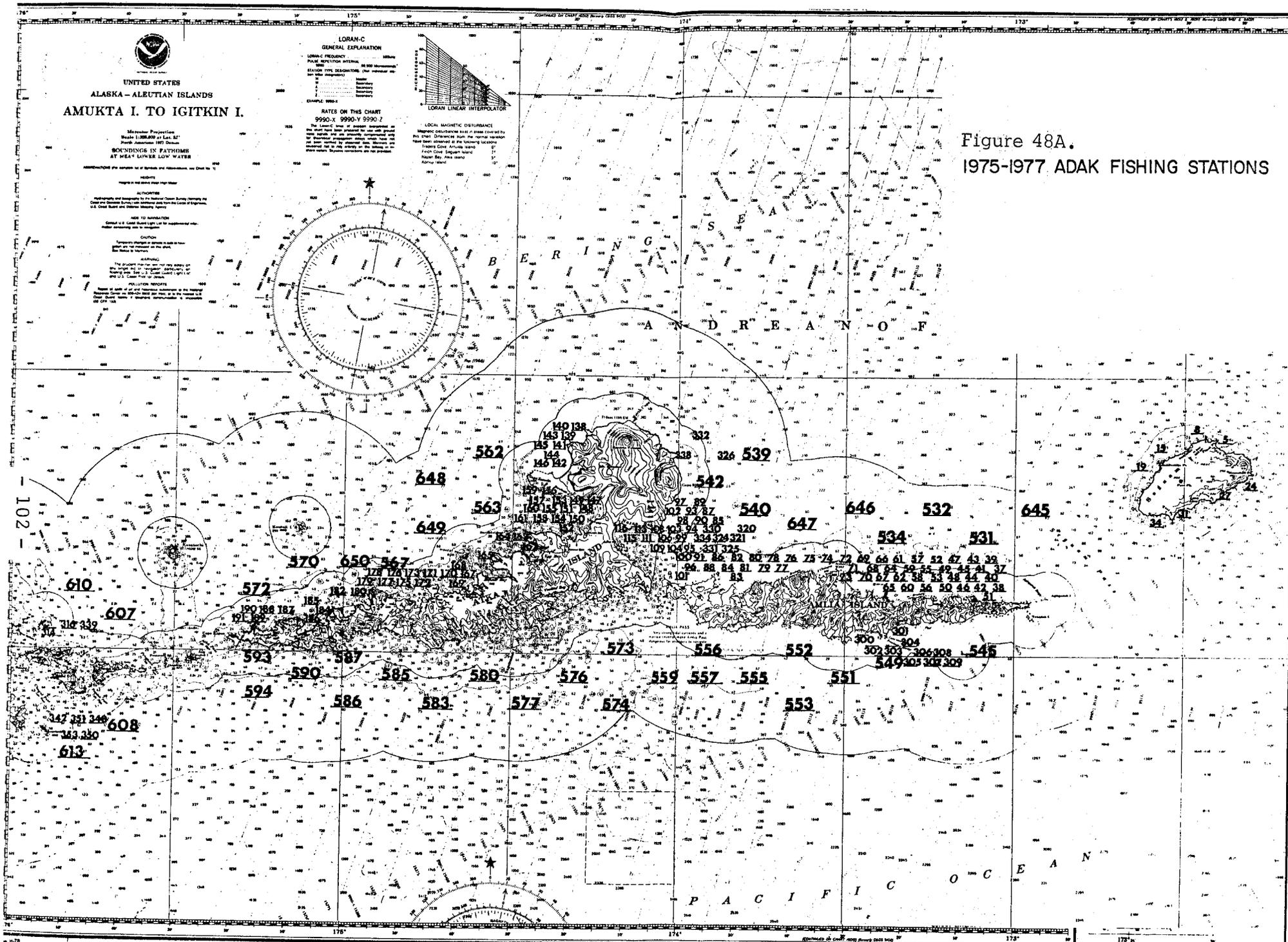


Figure 48A.  
1975-1977 ADAK FISHING STATIONS



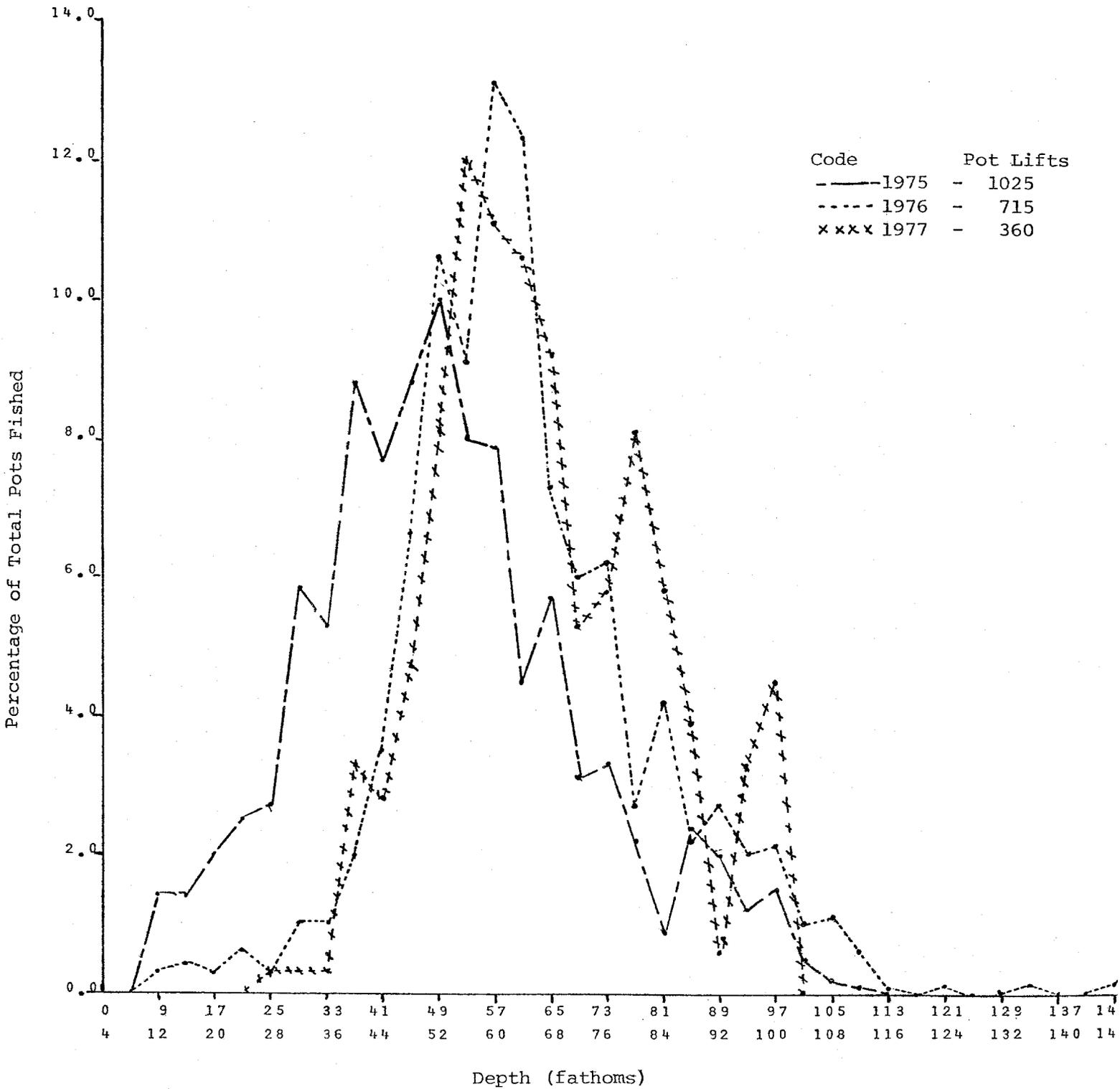


Figure 49. Percentage of the total number of pots fished by depth interval, 1975-1977, Adak.

#### Catch in Number of Crab:

Distribution patterns and catch figures for legal and sublegal crab are presented on Figures 50A to 55B. Total males captured ranged from 7784 in 1976 to 3003 in 1977. The actual number of females captured ranged from 1751 in 1975 to 528 in 1977. During the 3 years of the survey only 68 juvenile females were captured (Table 1). Appendix Tables 7 and 8 present the average catch per pot by station by year with associated relative index values.

#### Size Composition:

The mean size of male Tanner crab ranged from 136 mm in 1976 to 140 mm in 1977 (Table 9). Crab  $\geq$  140 mm accounted for approximately 48, 52, and 55% of the total male catch from 1975 to 1977, respectively.

#### Exoskeletal Age:

Oldshell crabs were the most abundant shell age group captured in 1975 account for 53% of the total. Newshells and very oldshell accounted for 46 and 0.9%, respectively. Newshells were the most abundant shell age encountered on both the 1976 and 1977 surveys accounting for 67 and 62% of total males captured (Table 10). The number of males captured by shell age are depicted in Figures 56 to 58.

#### Cohort Analysis:

Year class strengths by number and percent of male Tanner crab captured are presented in Table 9. As was true for the other geographic areas, trends in year class abundance are not discernable.





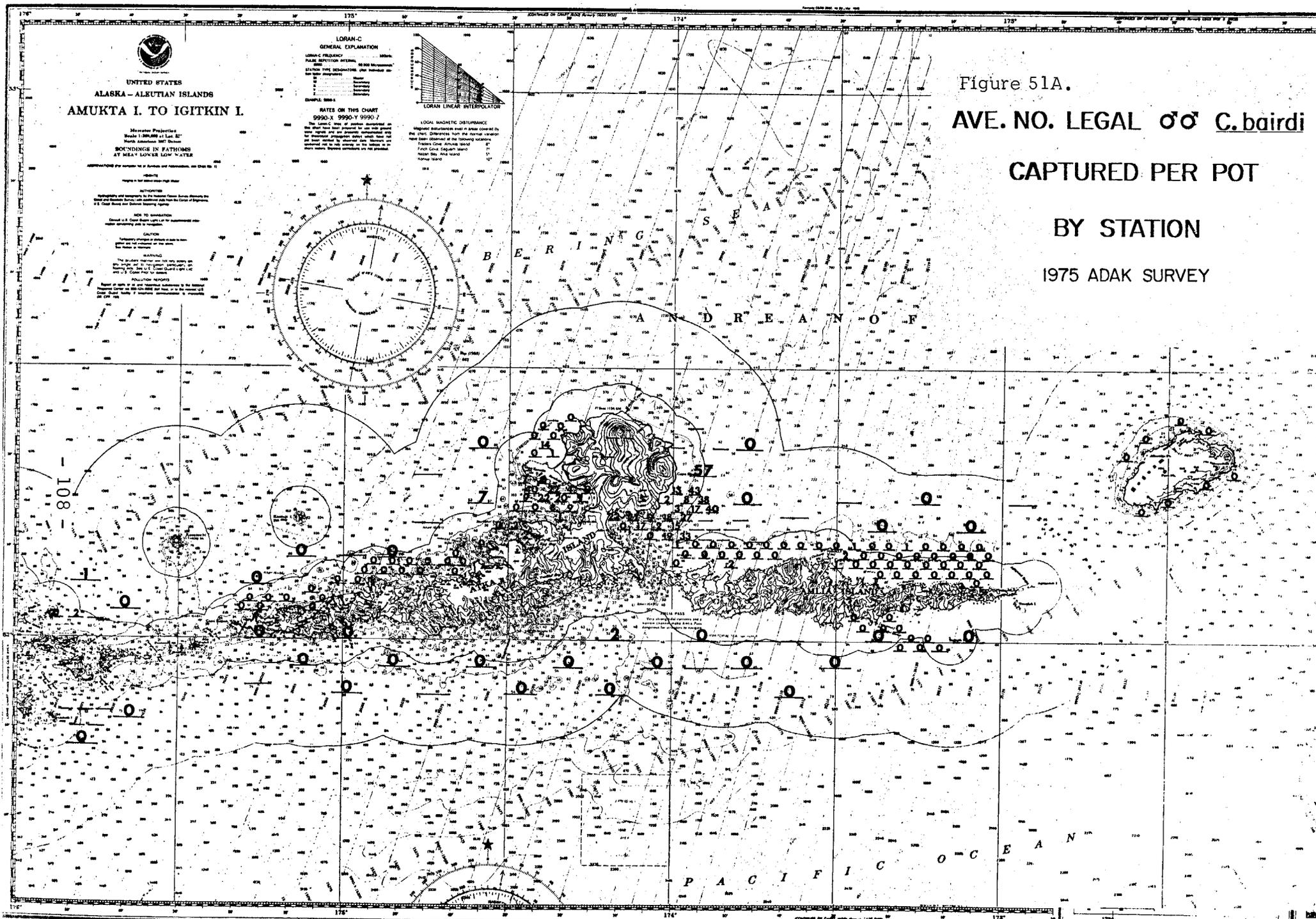


Figure 51A.  
 AVE. NO. LEGAL  $\sigma\sigma$  *C. bairdi*  
 CAPTURED PER POT  
 BY STATION  
 1975 ADAK SURVEY



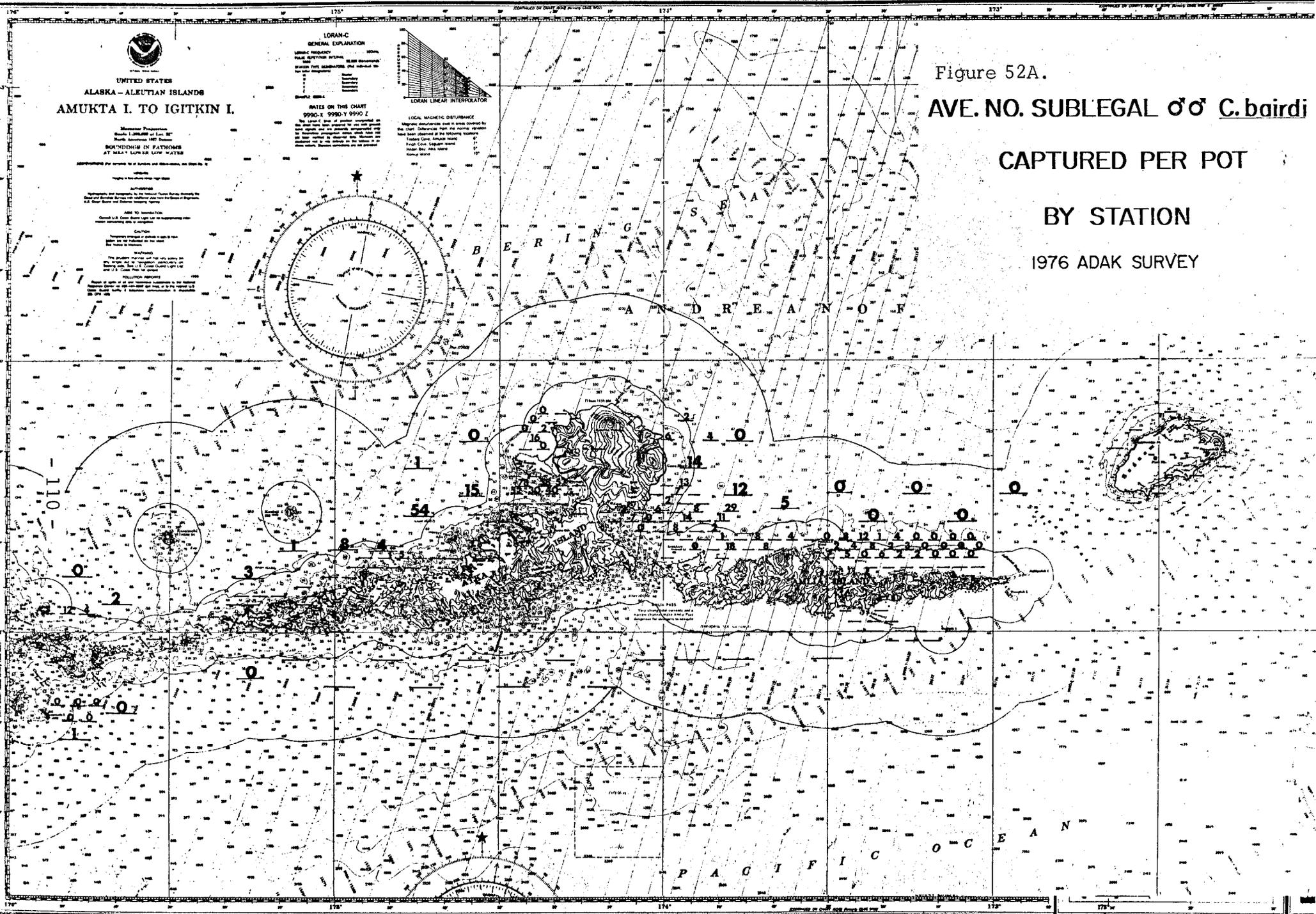


Figure 52A.  
 AVE. NO. SUBLEGAL ♂♂ *C. bairdi*  
 CAPTURED PER POT  
 BY STATION  
 1976 ADAK SURVEY

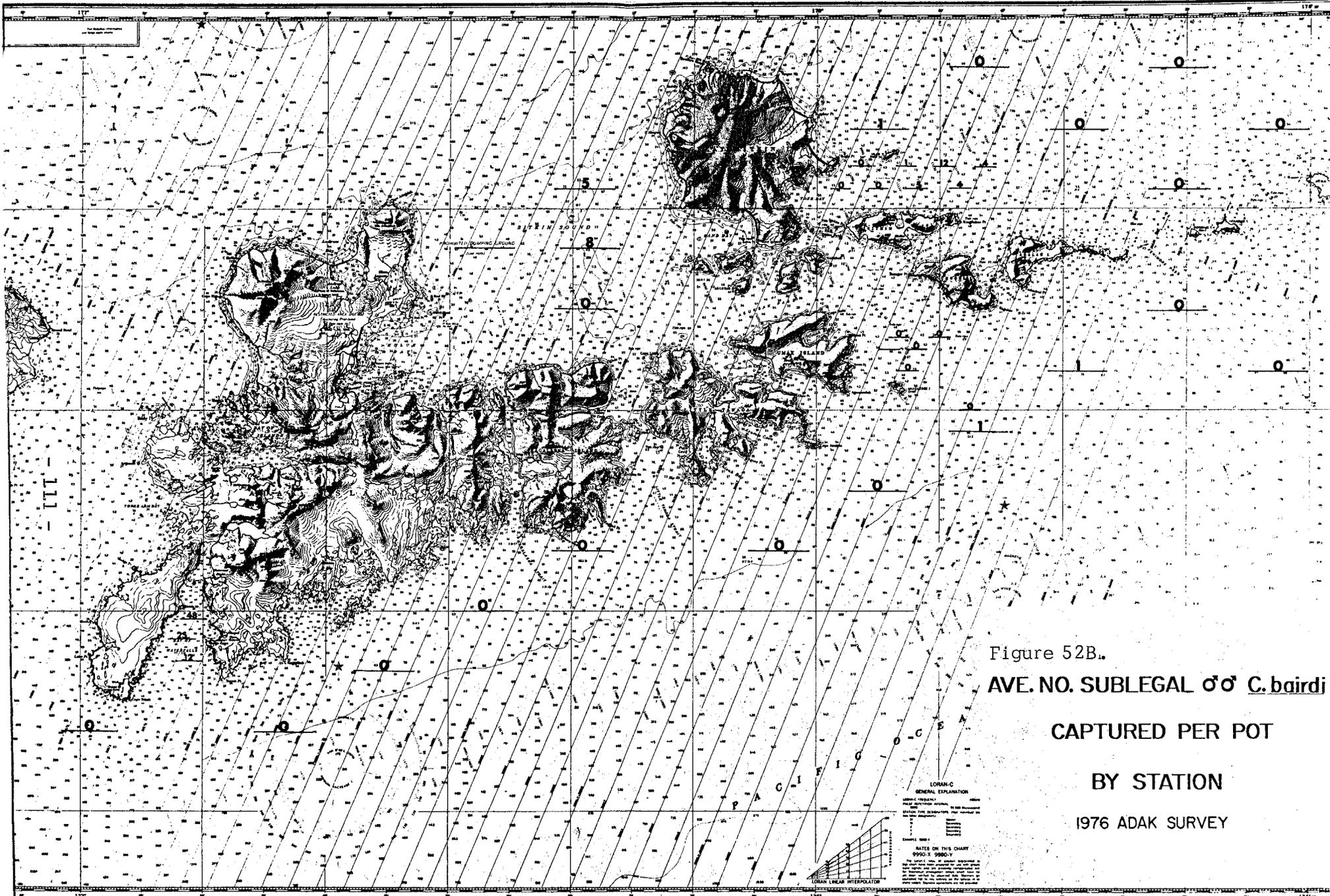


Figure 52B.  
 AVE. NO. SUBLEGAL ♂♂ *C. bairdi*  
 CAPTURED PER POT  
 BY STATION  
 1976 ADAK SURVEY

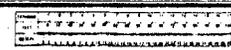
SOUNDINGS IN FATHOMS

NEW Chart Publication System

Chart Number	Old System
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1113	1113
1114	1114
1115	1115
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1117	1117
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1142	1142
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1149	1149
1150	1150

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LOXAN-C  
 GENERAL EXPLANATION  
 Loxan-C is a new type of depth sounder which provides a continuous record of depth soundings. It has been designed to operate on a 1000 cycle per second carrier frequency. The soundings are recorded on a magnetic tape which is read out by a computer. The soundings are then plotted on a chart. The chart is a grid of latitude and longitude. The soundings are plotted on the grid. The chart is a grid of latitude and longitude. The soundings are plotted on the grid.



(Atka Pass to Adak Strait)  
 LORAN-C OVERPLOT

UNITED STATES  
ALASKA - ALUTIAN ISLANDS  
AMUKTA I. TO IGITKIN I.

LORAN-C

GENERAL EXPLANATION

LORAN-C FREQUENCY  
KHz 1000000  
WAVELENGTH METERS 300  
STATION NAME, LOCATION, AND COORDINATES  
GENERAL NOTES

RATES ON THIS CHART  
9990-X 9990-Y 9990-Z

The LORAN-C lines of position are based on the 1983 International Geodetic Reference System (IGRS) datum. The LORAN-C lines of position are based on the 1983 International Geodetic Reference System (IGRS) datum. The LORAN-C lines of position are based on the 1983 International Geodetic Reference System (IGRS) datum.



LORAN LINEAR INTERPOLATOR

LOCAL MAGNETIC DEVIATION  
Magnetic deviation lines in areas covered by this chart are based on the following information:  
Magnetic Declination: 1983  
Magnetic Variation: 1983  
Magnetic Deviation: 1983

Maximum Depth:  
1300.000 of Lat. 52°  
North America 1983 Datum  
SOUNDINGS IN FATHOMS  
AT MEAN LOWER LOW WATER

CAUTION  
This chart is not to be used for navigation purposes without the aid of a compass. The chart is not to be used for navigation purposes without the aid of a compass. The chart is not to be used for navigation purposes without the aid of a compass.

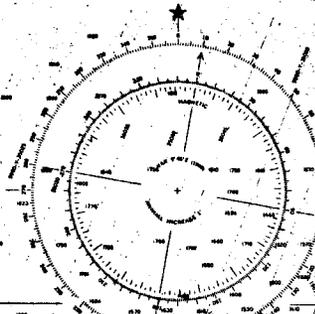
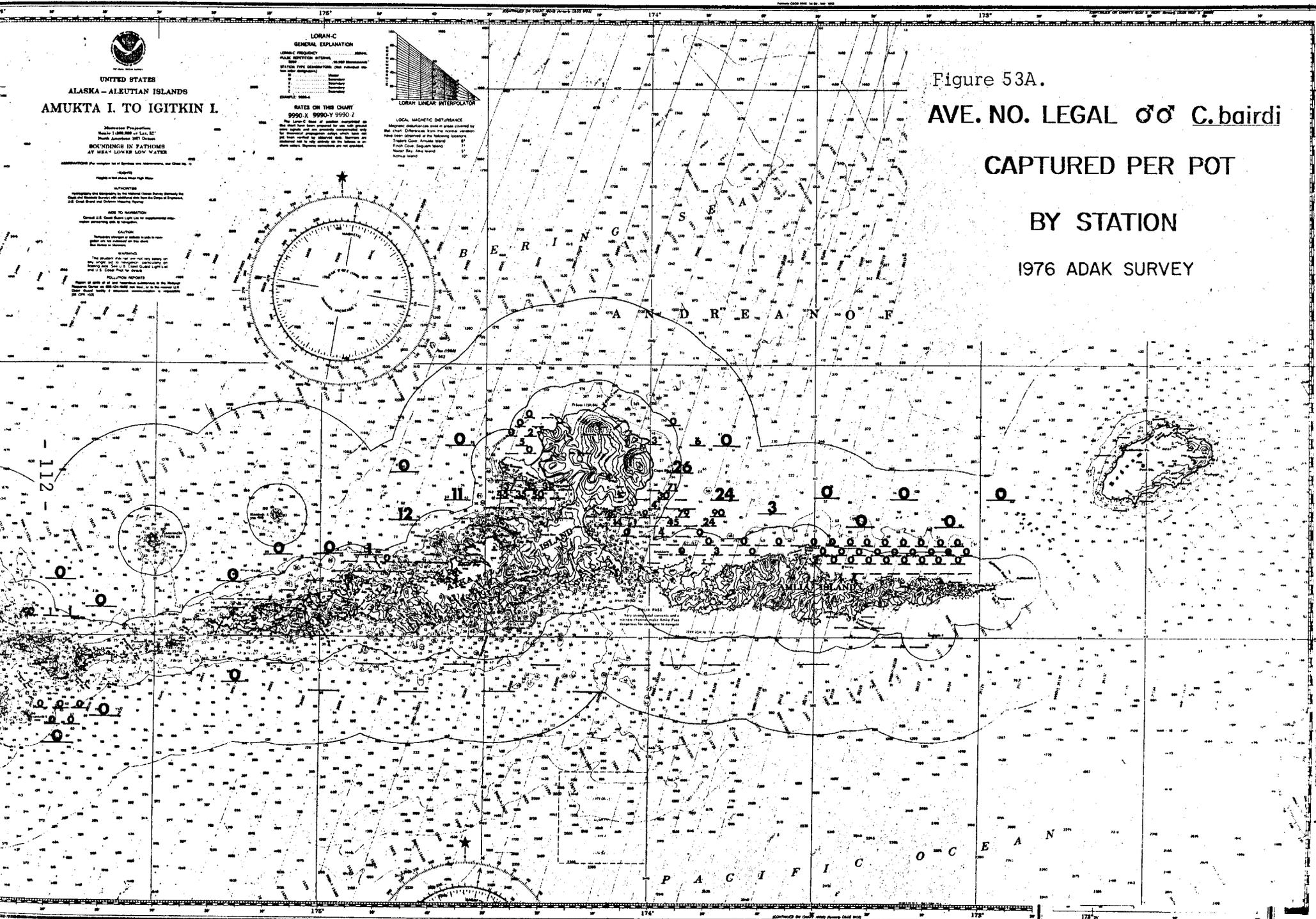


Figure 53A.  
AVE. NO. LEGAL ♂♂ C. bairdi  
CAPTURED PER POT  
BY STATION  
1976 ADAK SURVEY



SOUNDINGS IN FATHOMS

NOTE 1  
HORIZONTAL SCALE AND CONTINUOUS SCALE  
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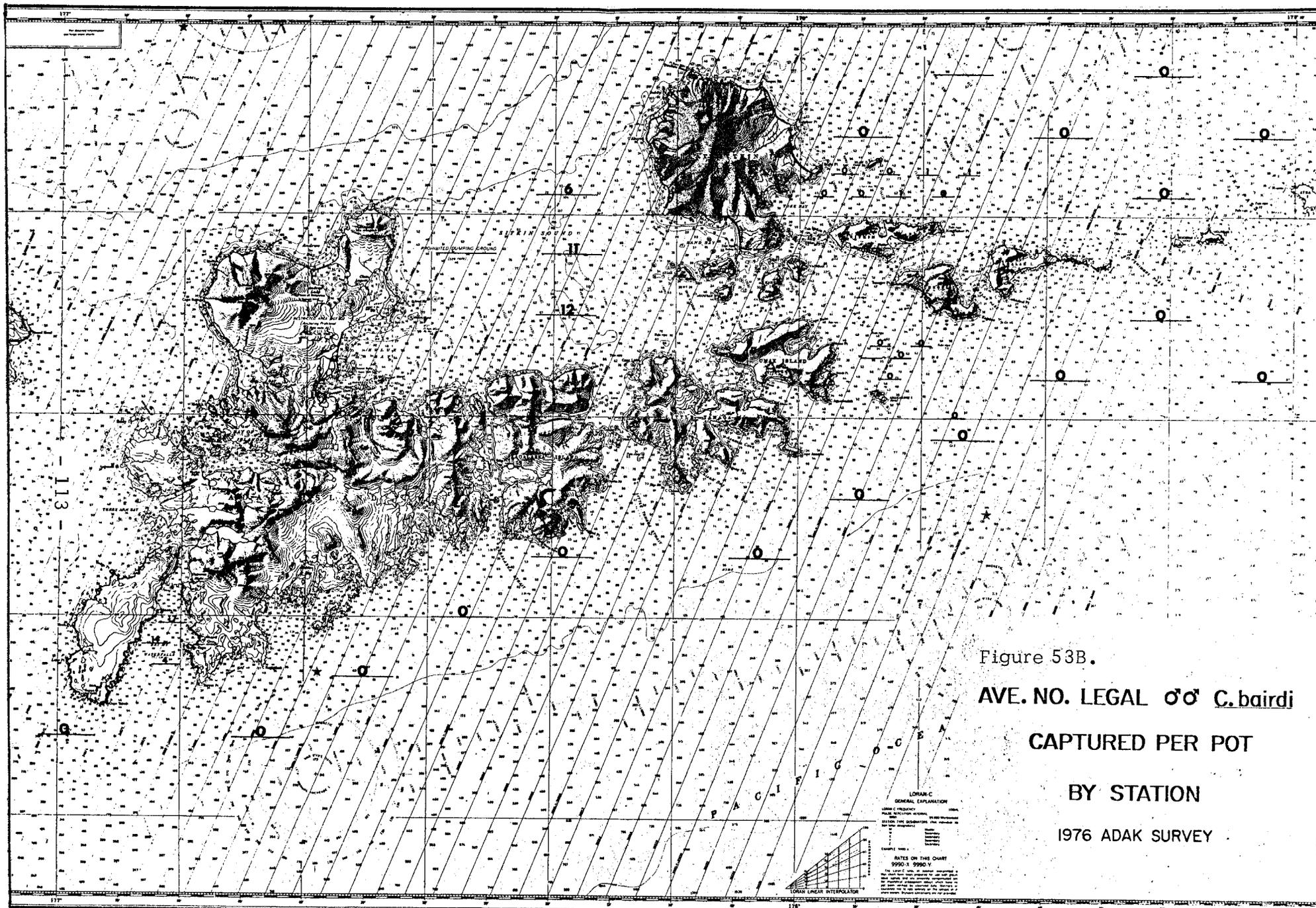


Figure 53B.  
 AVE. NO. LEGAL ♂♂ *C. bairdi*  
 CAPTURED PER POT  
 BY STATION  
 1976 ADAK SURVEY

SOUNDINGS IN FATHOMS

Chart Number	Year	Scale
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1114	1976	1:100,000
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1116	1976	1:100,000
1117	1976	1:100,000
1118	1976	1:100,000
1119	1976	1:100,000
1120	1976	1:100,000

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(Alike Pass to Adak Strait)



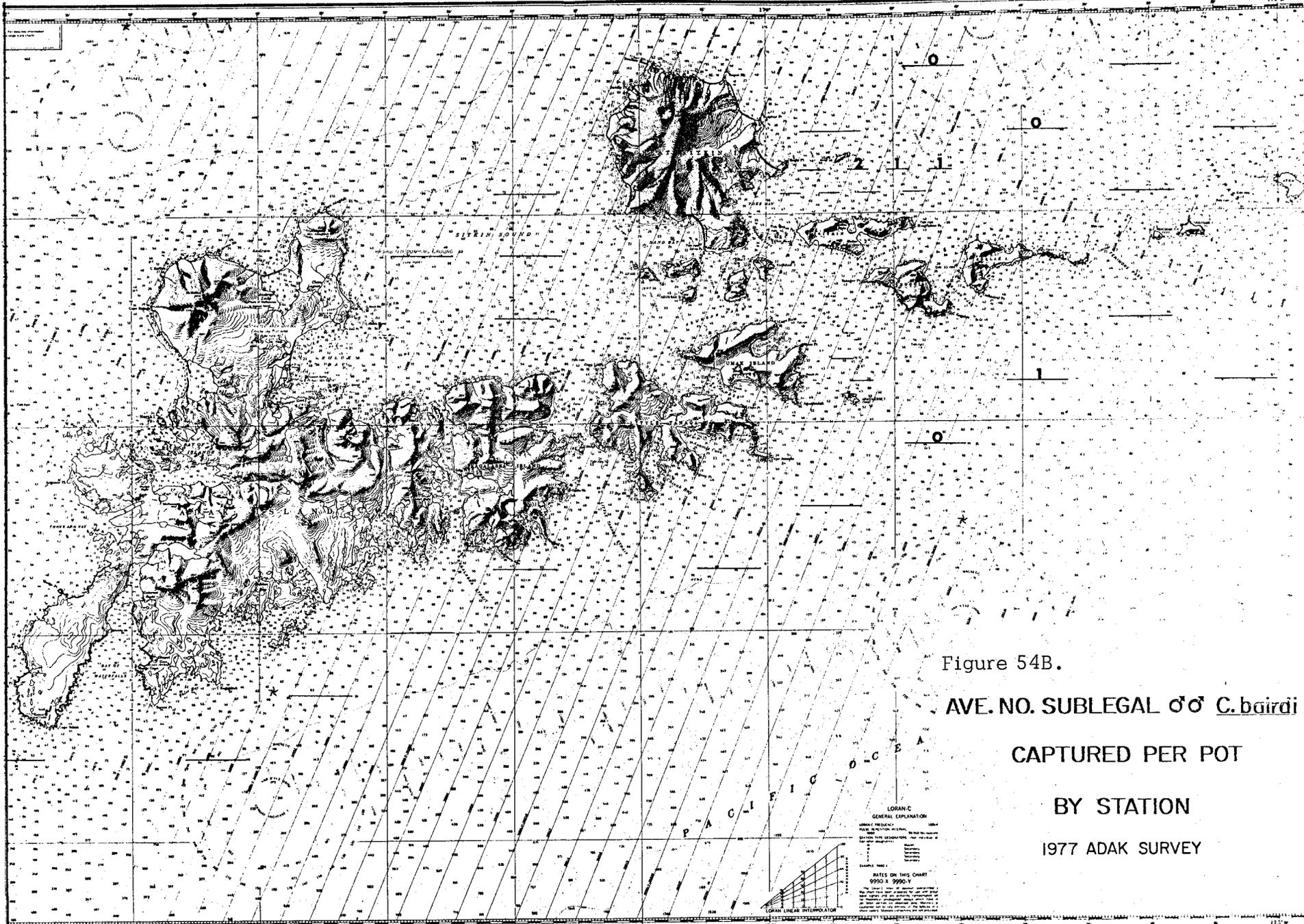


Figure 54B.  
**AVE. NO. SUBLEGAL ♂♂ *C. bairdi***  
**CAPTURED PER POT**  
**BY STATION**  
**1977 ADAK SURVEY**

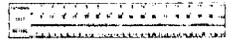
LO-RAN-C  
 GENERAL EXPLANATION  
 SYMBOLS USED  
 LIGHTS AND BUOYS  
 SOUNDINGS  
 DEPTH CONTOURS  
 CHART LINE INTERPOLATOR

SOUNDINGS IN FATHOMS

NEW CHART NUMBERING SYSTEM

Chart Number	New System	Old System
1000	1000	1000
1001	1001	1001
1002	1002	1002
1003	1003	1003
1004	1004	1004
1005	1005	1005
1006	1006	1006
1007	1007	1007
1008	1008	1008
1009	1009	1009
1010	1010	1010

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 NATIONAL OCEAN SURVEY

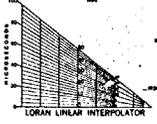




UNITED STATES  
ALASKA - ALEUTIAN ISLANDS  
AMUKTA I. TO IGITKIN I.

Minimum Projection  
Scale 1:500,000 of Lat. 58°  
North American 1983 Datum  
BOUNDINGS IN FATHOMS  
AT MEAN LOW WATER

LORAN-C  
GENERAL EXPLANATION  
LORAN-C BEACON SYMBOLS  
STATION TYPE DESIGNATIONS  
RATES ON THIS CHART  
9990 X 9990 Y 9990 Z



LOCAL MAGNETIC DISTURBANCE  
Magnetic disturbances exist in areas covered by this chart. Deviations from the magnetic variation have been observed at the following locations:

NOTES  
AUTHORITIES  
AGE TO NAVIGATION  
CAUTION  
WARNING  
POLLUTION REPORTS

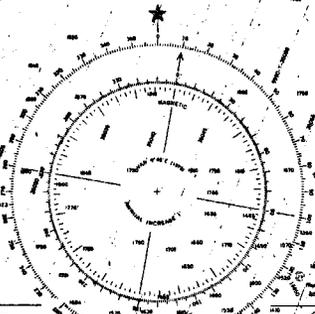
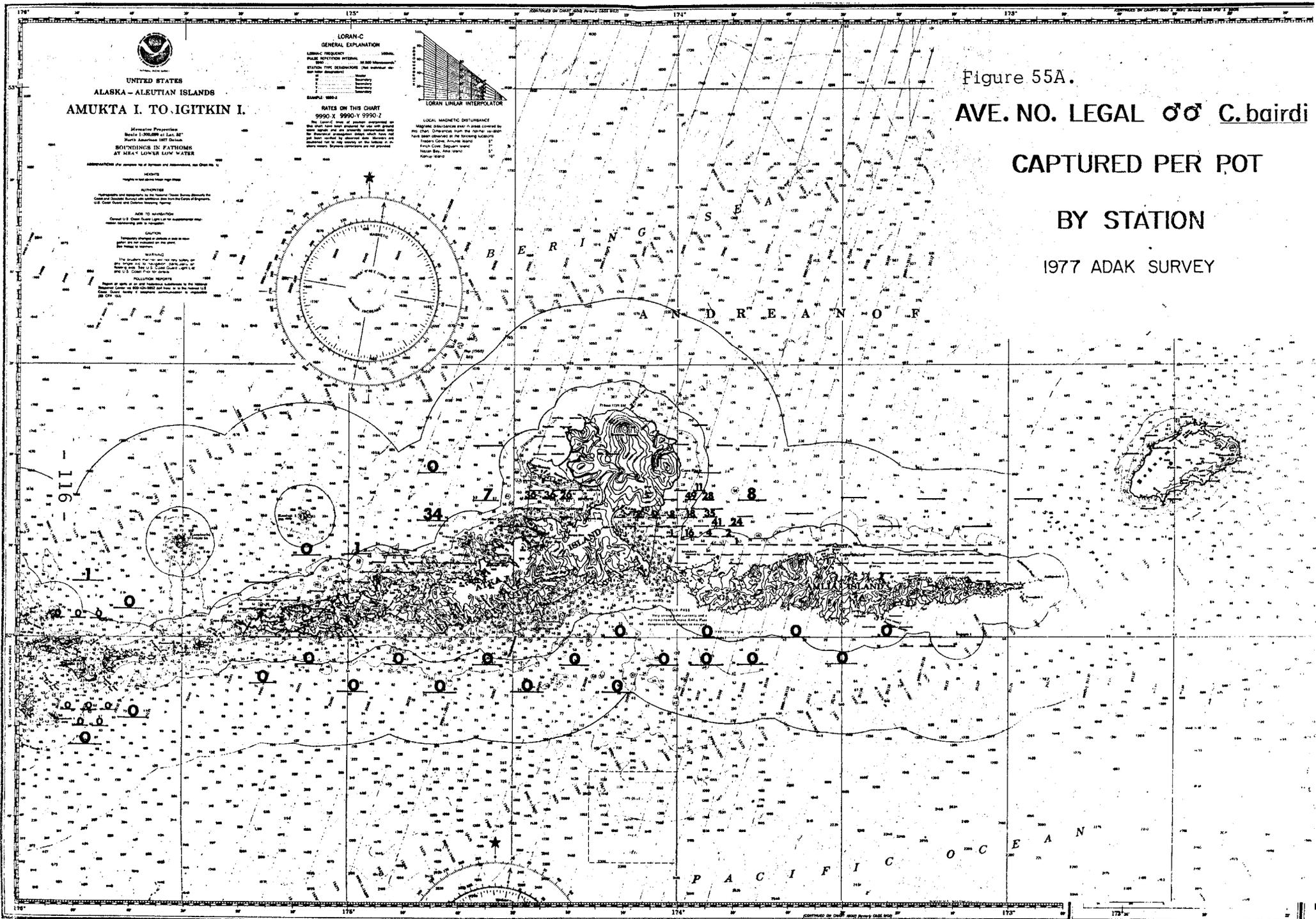


Figure 55A.  
AVE. NO. LEGAL ♂♂ *C. bairdi*  
CAPTURED PER POT  
BY STATION  
1977 ADAK SURVEY



16460  
N. NAVY CACS 8047  
LORAN-C OVERPRINTED

SOUNDINGS IN FATHOMS

NOTE 1  
TERRITORIAL SEA AND CONTIGUOUS ZONE  
The line separating the territorial sea and contiguous zone is shown on this chart. The line is shown in solid line and is subject to change. The line is shown in dashed line and is subject to change.

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Table 9. Year class (cohort) strengths by number of male Tanner crab *Chionoecetes bairdi* captured and percent of male catch for years 1975 - 1977 Adak.

Cohort Group	1975		1976		1977	
	No.	%	No.	%	No.	%
4 $\leq$ 69	2	0	17	.2	1	0
3 70-91	70	1.0	178	2.3	23	.8
2 92-114	552	8.0	964	12.4	268	8.9
1 115-139	2685	38.9	2861	36.8	1057	35.2
Newshell R 140-164	1405	20.3	2124	27.3	876	29.2
Oldshell-VOS PR 1 140-164	1903	27.6	1334	17.2	651	21.7
PR 2 $\geq$ 165	289	4.2	298	3.7	127	4.2
Legal TOTAL $\geq$ 140	3597	52.0	3756	48.3	1654	55.0
TOTAL CRABS $\bar{X}$ (mm)	6906 139		7776 136		3003 140	
POT LIFTS	1025		715		360	

Table 10. Number of male Tanner crab *Chionoecetes bairdi* captured by cohort and exoskeletal age group 1975-1977, Adak

Cohort Group (mm)	1975			1976			1977		
	NS	OS	VOS	NS	OS	VOS	NS	OS	VOS
Fours $\leq$ 69	2	0	0	16	1	0	1	0	0
Threes 70-91	49	19	2	168	7	3	20	3	0
Twos 92-114	359	187	6	681	261	22	201	67	0
Ones 115-139	1264	1389	32	2076	769	24	674	381	2
Recruits 140-164 Newshell	1405	-	-	2124	-	-	876	-	-
Post Recruits 140-164 1 Oldshell + VOS	-	1880	23	-	1309	25	-	647	4
Post recruits $\geq$ 165 2	100	187	2	167	127	4	84	42	1
TOTAL	3179	3662	65	5232	2474	78	1856	1141	7
% of TOTAL	46.0	53.0	0.9	67.2	31.8	1.0	61.8	37.9	0.2

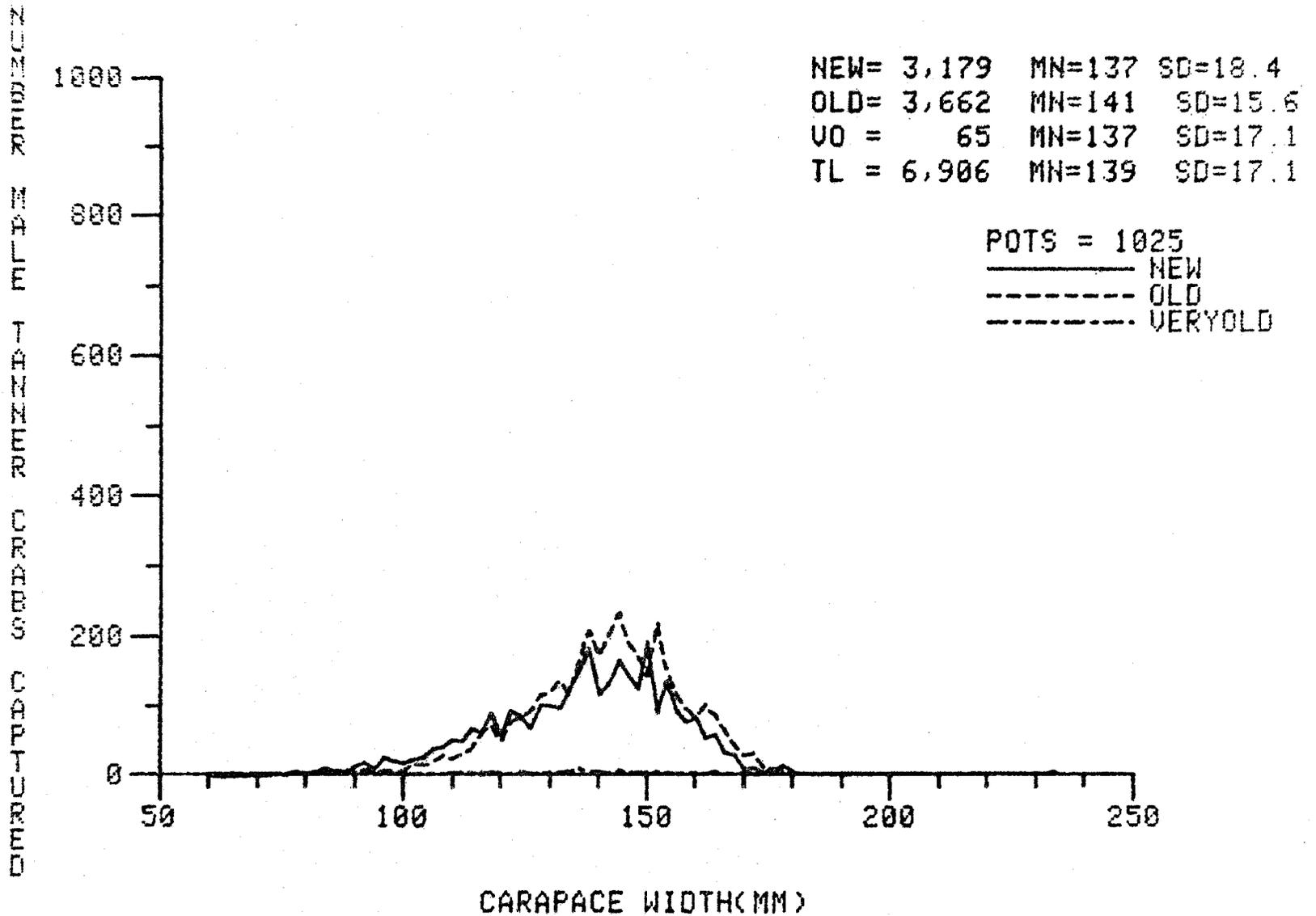


Figure 56. Carapace width frequency of new, old, and very old shell male Tanner crab, *Chionoecetes bairdi*, captured on the 1975 Adak survey.

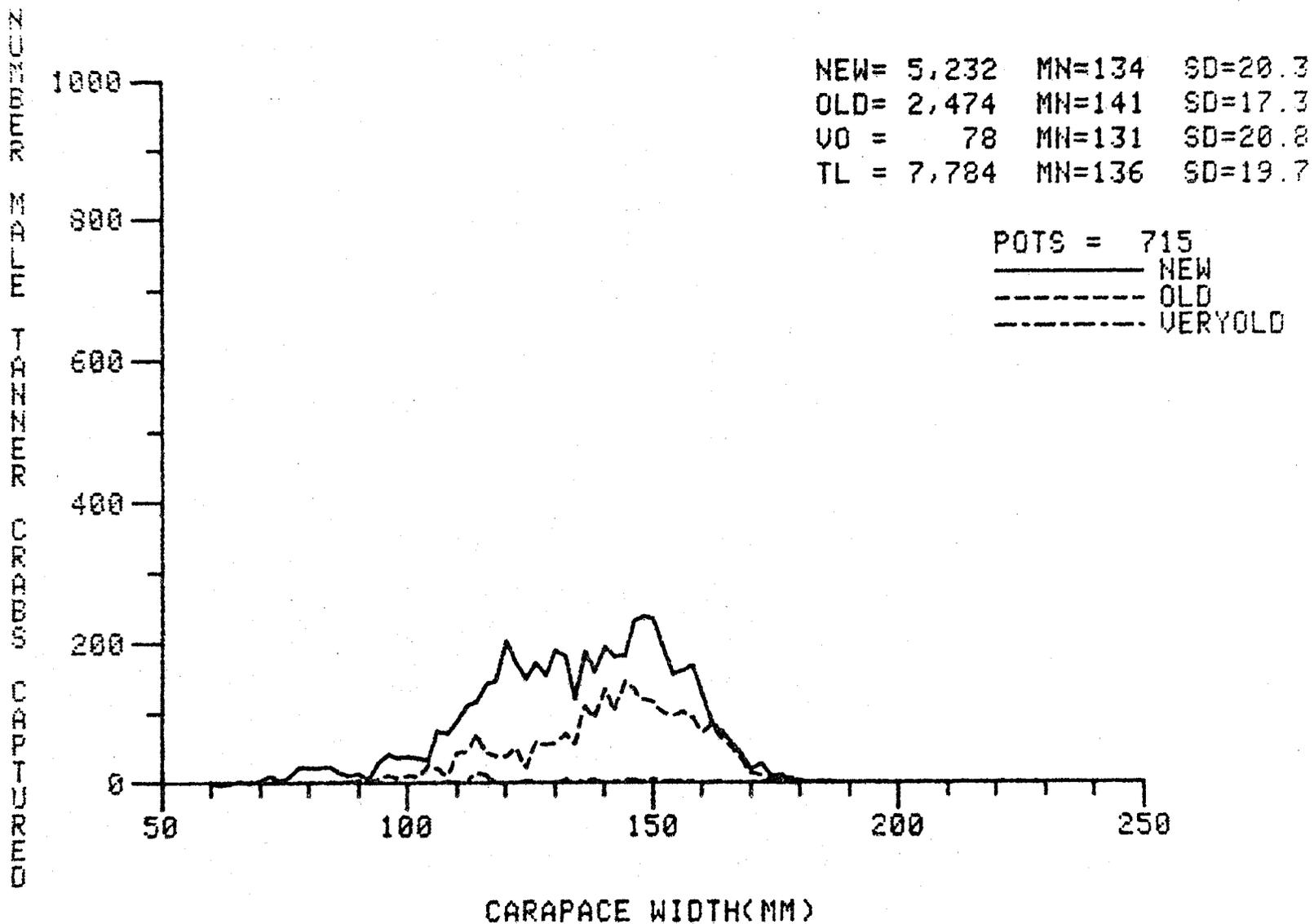


Figure 57. Carapace width frequency of new, old, and very old shell male Tanner crab, *Chionoecetes bairdi*, captured on the 1976 Adak survey.



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- Rothschild, B.J., G. Powell, J. Joseph, N. Abramson, J. Buss, and P. Eldridge. 1970. A survey of the population dynamics of king crab in Alaska with particular reference to the Kodiak area. Alaska Dept. of Fish and Game Info. Leaflet Series No. 147, 149 p.

APPENDICES

APPENDIX TABLE 1.--Bay Station collection and catch data and associated relative index value for male Tanner crab (C. bairdi), 1973-1977  
Population Index Studies, Kodiak

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
<u>TONKI BAY</u>						
1	-	-	-	-	-	-
	07/30/74	23	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
2	-	-	-	-	-	-
	07/30/74	34	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
3	-	-	-	-	-	-
	07/30/74	33	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
4	-	-	-	-	-	-
	07/30/74	54	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
5	08/03/73	62	1.0	0.0	0.0	0.0
	07/30/74	43	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
6	08/03/73	64	1.0	0.0	0.0	0.0
	07/30/74	65	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-

APPENDIX TABLE 1.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
7	08/03/73	57	1.0	0.0	0.0	0.0
	07/30/74	56	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
8	08/03/73	30	1.0	0.0	0.0	0.0
	07/30/74	25	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
9	08/03/73	37	1.0	0.0	0.0	0.0
	07/30/74	41	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
10	08/03/73	43	1.0	0.0	0.0	0.0
	07/31/74	37	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
11	08/03/73	49	1.0	0.0	0.0	0.0
	07/31/74	40	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
12	08/05/73	45	1.0	0.0	0.0	0.0
	07/31/74	47	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
13	08/05/73	32	1.0	0.0	0.0	0.0
	07/30/74	21	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-

APPENDIX TABLE 1.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
14	08/05/73	55	1.0	0.0	0.0	0.0
	07/31/74	55	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
15	08/08/73	51	1.0	0.0	0.0	0.0
	07/31/74	45	1.0	0.6	0.0	0.6
	-	-	-	-	-	-
	-	-	-	-	-	-
16	08/05/73	35	1.0	0.0	0.0	0.0
	07/31/74	43	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
17	08/05/73	48	1.0	0.0	0.0	0.0
	07/31/74	48	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
18	08/05/73	29	1.0	0.0	0.0	0.0
	07/31/74	28	2.2	10.6	2.2	12.8
	-	-	-	-	-	-
	-	-	-	-	-	-
19	08/05/73	35	1.0	0.0	0.0	0.0
	07/31/74	32	1.4	1.2	0.4	1.6
	-	-	-	-	-	-
	-	-	-	-	-	-
20	08/05/73	23	-	-	-	-
	07/31/74	24	1.0	1.3	0.0	1.3
	-	-	-	-	-	-
	-	-	-	-	-	-

APPENDIX TABLE 1 .--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
<u>KUPREANOF - VIEKODA</u>						
41	07/29/73	45	1.0	5.1	0.3	5.4
	07/24/74	50	0.0	2.3	0.0	2.3
	07/23/75	45	2.3	22.7	0.7	23.4
	07/27/76	45	54.7	8.5	16.4	24.9
	07/31/77	57	43.3	4.3	13.0	17.3
42	07/29/73	25	1.0	0.6	0.0	0.6
	07/24/74	23	1.0	0.9	0.0	0.9
	-	-	-	-	-	-
	07/27/76	15	3.0	5.9	2.0	7.9
	07/31/77	25	6.0	0.3	5.0	5.3
43	07/29/73	62	1.0	2.8	5.9	8.7
	07/24/74	63	2.7	26.9	16.1	43.0
	07/23/75	71	6.6	34.0	38.7	72.7
	07/27/76	60	1.9	13.4	11.2	24.6
	07/31/77	64	1.1	3.3	6.3	9.6
44	07/29/73	25	1.0	1.8	0.0	1.8
	07/24/74	24	1.0	1.9	0.0	1.9
	07/23/75	48	4.1	10.0	3.1	13.1
	07/27/76	20	27.0	17.0	26.0	43.0
	07/31/77	26	7.6	6.0	6.6	12.6
45	07/28/73	42	1.0	0.1	0.0	0.0
	07/23/74	46	1.0	0.2	0.0	0.2
	07/23/75	54	28.1	9.3	27.1	36.4
	07/27/76	53	16.0	7.8	15.0	22.8
	08/01/77	52	3.3	1.0	2.3	3.3
46	-	-	-	-	-	-
	07/23/74	29	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	08/01/77	59	6.3	0.0	5.3	5.3

APPENDIX TABLE 1.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
47	07/28/73	40	1.0	0.0	0.0	0.0
	07/23/74	35	1.0	0.2	0.0	0.2
	-	-	-	-	-	-
	07/27/76	29	22.7	13.3	21.7	35.0
	08/01/77	40	2.3	0.3	1.3	1.6
48	-	-	-	-	-	-
	07/23/74	15	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
49	07/29/73	38	1.0	1.8	3.5	5.3
	07/24/74	44	3.0	16.9	10.5	27.4
	-	-	-	-	-	-
	07/27/76	32	2.8	2.5	9.9	12.4
	07/31/77	30	2.0	8.6	7.0	15.6
50	-	-	-	-	-	-
	07/24/74	43	1.0	1.9	0.4	2.3
	07/23/75	40	2.2	6.2	0.9	7.1
	07/27/76	37	8.5	1.5	3.4	4.9
	07/31/77	43	0.0	0.6	0.0	0.6
51	07/28/73	60	1.0	0.3	1.1	1.4
	07/23/74	69	0.2	1.9	0.2	2.1
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/01/77	69	13.9	3.0	15.3	18.3
52	07/28/73	92	1.0	0.0	1.2	1.2
	07/23/74	98	6.6	4.2	7.9	12.1
	-	-	-	-	-	-
	-	-	-	-	-	-
	08/01/77	102	8.3	0.3	10.0	10.3
53	07/29/73	21	1.0	3.1	1.7	4.8
	07/24/74	22	2.4	49.3	4.1	53.4
	-	-	-	-	-	-
	07/27/76	21	12.4	9.8	21.0	30.8
	07/31/77	30	5.6	9.6	9.6	19.2

APPENDIX TABLE 1.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
54	-	-	-	-	-	-
	07/24/74	28	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	07/31/77	47	1.0	0.0	0.0	0.0
55	07/29/73	33	1.0	0.0	0.0	0.0
	07/24/74	31	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	07/27/76	26	1.0	0.0	0.0	0.0
	07/31/77	24	1.0	0.0	0.0	0.0
56	07/29/73	18	1.0	0.0	0.0	0.0
	07/24/74	17	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	07/31/77	15	1.0	0.0	0.0	0.0
57	07/28/73	53	1.0	0.0	0.5	0.5
	07/23/74	56	23.2	2.5	11.6	14.1
	-	-	-	-	-	-
	08/01/77	63	6.6	0.6	3.3	3.9
58	07/23/73	68	1.0	0.4	1.2	1.6
	07/23/74	65	6.2	4.4	7.4	11.8
	-	-	-	-	-	-
	08/01/77	51	30.8	7.3	37.0	44.0
59	07/28/73	36	1.0	0.6	0.8	1.3
	07/23/74	39	6.6	15.2	5.3	20.5
	-	-	-	-	-	-
	08/01/77	53	14.5	2.0	11.6	13.6

APPENDIX TABLE 1.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
60	07/23/73	29	1.0	0.8	0.1	0.9
	07/23/74	30	33.0	8.5	3.3	11.8
	-	-	-	-	-	-
	08/01/77	32	13.0	0.0	1.3	1.3
<u>MARMOT - KIZHUYAK (Inner)</u>						
61	07/31/73	25	1.0	17.9	12.7	30.6
	07/26/74	23	0.9	30.0	12.2	42.2
	-	-	-	-	-	-
	07/29/76	26	0.5	22.7	6.0	28.7
	08/03/77	25	0.2	2.3	2.6	4.9
62	07/31/73	50	1.0	30.4	60.8	91.2
	07/26/74	50	0.5	29.5	31.6	61.1
	-	-	-	-	-	-
	07/29/76	35	0.3	57.2	15.6	72.8
	08/03/77	52	0.1	11.6	8.6	20.2
63	-	-	-	-	-	-
	07/26/74	29	1.0	12.3	6.4	18.7
	-	-	-	-	-	-
	07/29/76	43	3.5	38.6	22.3	60.9
	08/03/77	37	1.2	9.5	7.5	17.0
64	-	-	-	-	-	-
	07/26/74	18	1.0	1.2	0.0	1.2
	-	-	-	-	-	-
	07/29/76	21	1.0	0.0	0.0	0.0
65	-	-	-	-	-	-
	07/26/74	15	1.0	54.0	8.6	62.6
	-	-	-	-	-	-
	-	-	-	-	-	-
66	07/31/73	48	1.0	5.7	5.7	11.4
	07/26/74	38	0.0	0.0	0.0	0.0
	-	-	-	-	-	-
	07/29/76	35	0.2	1.4	1.4	2.8
	-	-	-	-	-	-

APPENDIX TABLE 1 .--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
67	-	-	-	-	-	-
	07/26/74	29	1.0	5.4	2.5	7.9
	-	-	-	-	-	-
	07/29/76	23	0.0	0.0	0.0	0.0
	08/02/77	24	0.0	0.0	0.0	0.0
68	07/31/73	72	-	-	-	-
	07/26/74	65	1.0	3.9	8.3	12.2
	07/24/75	-	-	-	-	-
	07/29/76	71	2.1	12.1	17.2	29.3
	08/02/77	68	0.4	1.3	3.3	4.6
69	07/31/73	40	1.0	1.4	3.0	4.4
	07/26/74	37	12.2	19.9	36.6	56.5
	-	-	-	-	-	-
	07/29/76	26	3.2	7.5	9.7	17.2
	08/02/77	37	0.1	0.3	0.3	0.6
70	07/31/73	71	1.0	0.6	4.7	5.3
	07/26/74	67	2.2	2.2	10.4	12.6
	07/24/75	72	6.2	11.2	29.3	40.5
	07/29/76	74	2.0	6.1	9.7	15.8
	08/02/77	71	0.2	0.6	1.0	1.6
71	07/30/73	49	1.0	0.5	2.9	3.4
	07/25/74	51	1.2	3.0	3.5	6.5
	07/24/75	50	2.7	2.1	5.7	7.8
	07/28/76	53	5.1	15.2	14.7	29.9
	07/30/77	66	0.9	3.6	2.6	6.2
72	07/31/73	64	1.0	1.0	2.7	3.7
	07/25/74	61	1.8	2.3	4.9	7.2
	07/24/75	62	6.5	6.0	17.6	23.6
	07/28/76	68	1.4	2.3	3.9	6.2
	07/30/77	63	3.0	1.0	8.3	9.3
73	07/31/73	47	1.0	4.6	8.2	12.8
	07/25/74	47	2.9	16.4	23.5	40.0
	-	-	-	-	-	-
	07/28/76	47	0.8	7.0	6.3	13.3
	07/30/77	53	2.1	4.6	17.3	21.9

APPENDIX TABLE 1.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
74	07/30/73	45	1.0	0.3	2.4	2.7
	07/25/74	54	0.0	1.3	0.0	1.3
	-	-	-	-	-	-
	07/28/76	58	9.5	12.1	22.9	35.0
	07/30/77	44	1.2	4.3	3.0	7.3
75	07/30/73	45	1.0	0.0	1.5	1.5
	07/25/74	45	16.6	3.5	24.9	28.4
	07/24/75	50	12.1	2.7	18.2	20.9
	07/28/76	47	12.0	13.3	18.0	31.3
	07/30/77	50	1.7	4.6	2.6	7.2
76	07/30/73	20	1.0	0.4	0.4	0.8
	07/25/74	18	5.3	8.5	2.1	10.6
	07/24/75	19	2.8	2.8	1.1	3.9
	07/28/76	20	15.5	13.6	6.2	15.8
	07/30/77	20	9.0	3.6	3.6	7.2
77	07/30/73	32	1.0	1.1	2.5	3.6
	07/25/74	29	5.7	20.8	14.3	35.1
	07/24/75	29	7.2	23.0	18.1	41.1
	07/28/76	34	6.8	9.7	16.9	26.6
	07/30/77	34	17.0	10.3	42.6	52.9
78	07/30/73	10	1.0	0.0	0.0	0.0
	07/25/74	11	1.0	0.7	0.0	0.7
	-	-	-	-	-	-
	07/28/76	14	9.7	7.8	9.7	17.5
	07/30/77	10	0.0	0.0	0.0	0.0
79	07/30/73	21	1.0	6.8	16.6	23.4
	07/25/74	28	0.9	6.3	14.2	20.5
	-	-	-	-	-	-
	07/28/76	29	0.3	1.7	5.1	6.8
	07/30/77	25	0.6	2.6	10.0	12.6
80	07/30/73	16	1.0	5.9	4.2	10.1
	07/25/74	16	0.8	11.9	3.2	15.1
	-	-	-	-	-	-
	07/28/76	19	0.1	0.6	0.6	1.2
	07/30/77	14	1.0	5.6	4.3	9.9

APPENDIX TABLE 1 .--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
<u>CHINIAC</u>						
81	07/30/73	55	1.0	7.4	27.1	34.5
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
82	07/30/73	18	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
83	07/30/73	19	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
84	07/30/73	22	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
85	07/30/73	31	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
86	07/30/73	16	1.0	0.8	3.0	3.8
	-	-	-	-	-	-
	-	-	-	-	-	-
	08/01/76	24	0.0	0.0	0.0	0.0
	-	-	-	-	-	-

APPENDIX TABLE 1 .--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
87	07/30/73	23	1.0	10.5	6.7	17.2
	07/28/74	22	0.1	5.7	0.5	6.2
	-	-	-	-	-	-
	07/01/76	23	0.4	0.3	2.7	3.0
	08/06/77	25	0.3	5.6	2.3	7.9
88	07/29/73	23	1.0	0.3	6.4	6.7
	07/28/74	27	1.4	19.4	8.9	28.3
	-	-	-	-	-	-
	08/01/76	28	3.0	2.9	19.0	21.9
	08/06/77	28	0.5	2.2	3.5	5.8
89	07/28/73	135	1.0	1.0	9.6	10.6
	07/28/74	104	0.6	3.9	6.0	9.9
	07/26/75	133	0.4	11.4	4.1	15.5
	08/01/76	100	0.0	0.0	0.0	0.0
	08/06/77	107	0.6	7.0	6.2	13.2
90	07/30/73	19	1.0	10.6	6.4	17.0
	07/27/74	19	0.0	3.8	0.0	3.8
	07/26/75	19	0.1	4.7	0.3	5.0
	08/01/76	20	1.7	0.0	10.8	10.8
	08/05/77	19	0.0	5.0	0.0	5.0
91	07/29/73	63	1.0	13.7	18.1	21.8
	07/28/74	61	0.5	12.2	8.5	20.7
	07/26/75	60	0.3	6.6	5.5	12.1
	08/01/76	63	0.4	3.3	6.8	11.1
	08/06/77	62	0.1	3.0	1.5	4.5
92	07/29/73	78	1.0	29.9	54.0	83.9
	07/28/74	75	0.3	12.5	14.7	27.2
	07/26/75	76	0.4	15.5	22.0	37.5
	07/31/76	79	0.1	5.0	7.4	12.4
	08/06/77	89	0.0	1.0	0.5	1.5

APPENDIX TABLE 1.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
93	07/29/73	19	1.0	0.0	0.0	0.0
	07/28/74	44	23.0	12.2	22.0	34.2
	-	-	-	-	-	-
	07/31/76	24	16.1	24.9	15.1	40.0
	08/06/77	86	7.5	7.7	6.5	14.2
94	07/30/73	9	1.0	2.3	1.3	3.6
	07/27/74	10	0.2	0.0	0.3	0.3
	-	-	-	-	-	-
	07/31/76	12	5.2	1.7	6.7	8.4
	08/05 77	11	0.2	0.6	0.3	1.0
95	07/29/73	59	1.0	15.5	53.7	69.2
	07/27/74	41	0.3	41.1	16.1	57.2
	07/26/75	55	0.3	23.1	18.2	41.3
	07/31/76	57	0.1	0.5	3.6	4.1
	08/05/77	55	0.0	1.5	1.2	2.7
96	07/29/73	31	1.0	0.7	1.5	2.2
	07/27/74	22	0.0	0.0	0.0	0.0
	-	-	-	-	-	-
	07/31/76	42	13.6	11.3	20.4	31.7
	08/05/77	26	0.6	0.2	1.0	1.2
97	07/29/73	29	1.0	1.0	3.6	4.6
	07/27/74	19	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
	08/05/77	30	0.1	1.0	0.5	1.5
98	07/29/73	31	1.0	11.4	85.1	96.5
	07/27/74	35	0.3	20.3	26.0	46.3
	07/26/75	25	0.2	34.4	21.1	55.5
	07/31/76	36	0.2	9.3	15.7	25.0
	08/05/77	30	0.0	1.5	1.7	3.2

APPENDIX TABLE 1.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
99	07/29/73	16	1.0	0.0	0.4	0.4
	07/27/74	16	1.0	0.7	0.4	1.1
	-	-	-	-	-	-
	07/31/76	19	1.3	0.8	0.5	1.3
	08/05/77	16	0.0	0.0	0.0	0.0
100	07/29/73	12	1.0	5.9	57.7	63.6
	07/27/74	12	0.2	6.6	9.6	16.2
	-	-	-	-	-	-
	07/31/76	10	0.3	10.3	17.0	27.3
	08/05/77	14	0.0	1.5	0.7	2.2
<u>SITKALIDAK</u>						
101	06/30/73	33	1.0	28.3	30.0	58.3
	-	-	-	-	-	-
	-	-	-	-	-	-
	08/12/77	16	0.0	0.0	0.0	0.0
102	06/30/73	66	1.0	18.6	69.1	87.7
	-	-	-	-	-	-
	-	-	-	-	-	-
	08/12/77	61	0.1	5.0	10.5	15.5
103	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	08/12/77	32	1.0	9.0	5.2	14.2
104	06/30/73	60	1.0	10.1	26.0	36.1
	-	-	-	-	-	-
	-	-	-	-	-	-
	08/12/77	63	0.2	4.2	6.7	10.9

APPENDIX TABLE 1.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
105	06/30/73	32	1.0	14.4	10.7	25.1
	07/24/74	21	0.3	29.5	3.4	32.9
	07/22/75	37	0.2	10.0	2.2	12.2
	07/28/76	20	0.0	1.2	0.0	1.2
	08/12/77	31	0.1	1.0	1.7	2.7
106	06/30/73	63	1.0	26.6	51.7	78.3
	-	-	-	-	-	-
	-	-	-	-	-	-
	08/12/77	59	0.4	8.0	23.7	31.7
107	06/30/73	42	1.0	16.8	16.6	33.4
	07/24/74	46	0.3	11.4	4.9	16.3
	07/22/75	48	0.7	16.9	11.8	28.7
	07/28/76	47	0.0	0.0	0.0	0.0
	08/12/77	36	0.4	12.5	7.5	20.0
108	06/30/73	50	1.0	14.1	23.8	37.9
	07/24/74	47	0.6	16.1	14.6	30.7
	07/22/75	48	0.2	9.1	5.3	14.4
	07/28/76	51	0.6	8.8	14.9	23.7
	08/12/77	43	0.5	5.0	12.0	17.0
109	06/30/73	58	1.0	10.4	49.6	60.0
	07/23/74	63	0.2	2.9	9.0	11.9
	-	-	-	-	-	-
	08/12/77	64	0.7	10.0	37.5	47.5
110	06/30/73	36	1.0	17.3	8.9	26.2
	07/23/74	35	0.6	11.0	5.5	16.5
	-	-	-	-	-	-
	08/12/77	47	9.7	48.5	86.5	135.0

APPENDIX TABLE 1.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
111	07/01/73	44	1.0	14.8	23.4	38.2
	07/24/74	39	0.4	13.8	9.7	23.5
	07/22/75	39	0.9	13.8	21.6	35.4
	07/28/76	44	0.6	18.5	13.5	32.0
	08/12/77	45	0.0	0.0	0.5	0.5
112	07/01/73	67	1.0	7.2	35.1	42.3
	07/23/74	61	0.4	9.4	14.9	24.3
	07/22/75	65	0.7	10.5	23.1	33.6
	07/28/76	64	0.6	7.6	19.7	27.3
	08/12/77	63	0.7	14.5	27.0	41.5
113	07/01/73	52	1.0	15.7	58.1	73.8
	07/23/74	43	0.6	29.7	36.1	65.8
	-	-	-	-	-	-
	08/12/77	41	0.4	14.5	26.5	41.0
114	07/01/73	71	1.0	4.2	14.9	19.1
	07/24/74	68	1.3	6.4	18.7	25.1
	07/22/75	69	2.3	11.2	34.4	45.6
	07/28/76	69	1.2	3.6	18.2	21.8
	08/11/77	70	7.4	17.5	111.0	128.5
115	07/01/73	57	1.0	4.9	20.3	25.2
	07/24/74	48	1.5	14.2	31.1	45.3
	07/22/75	54	2.2	9.8	43.8	53.6
	07/28/76	62	0.2	2.3	3.7	6.0
	08/11/77	55	1.1	4.0	23.0	27.0
116	07/01/73	19	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-

APPENDIX TABLE 1 .--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
117	07/01/73	12	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
118	07/01/73	54	1.0	3.5	6.6	10.1
	07/24/74	43	1.1	4.8	7.2	12.0
	07/22/75	48	1.1	2.3	6.8	9.1
	07/28/76	72	3.9	7.7	25.7	33.4
	08/11/77	64	13.0	4.0	86.0	90.0
119	07/01/73	76	1.0	5.7	23.4	29.1
	07/24/74	70	0.9	6.9	22.0	28.9
	07/22/75	73	1.7	7.1	40.1	47.2
	07/28/76	74	2.2	11.3	51.0	62.3
	08/11/77	72	2.9	13.0	69.2	82.2
120	07/01/73	57	1.0	5.1	27.4	32.5
	07/24/74	62	1.1	7.1	27.6	34.7
	07/22/75	65	2.3	14.0	62.7	76.7
	07/28/76	37	0.1	7.2	2.0	9.2
	08/11/77	42	0.0	4.5	0.0	4.5
<u>ALITAK</u>						
121	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	08/14/77	49	1.0	6.5	30.0	36.5
122	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	08/14/77	62	1.0	3.5	31.5	35.0

APPENDIX TABLE 1.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
123	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	08/14/77	69	1.0	1.7	2.2	3.9
124	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	08/14/77	71	1.0	13.0	28.2	41.2
125	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	08/14/77	61	1.0	6.2	9.7	15.9
131	07/11/73	34	1.0	2.4	21.8	24.2
	07/22/74	31	4.8	3.7	105.7	109.4
	07/16/75	30	4.5	8.3	98.3	106.6
	07/22/76	36	4.3	20.3	94.3	114.6
	07/23/77	34	1.9	4.3	42.3	46.6
132	07/11/73	34	1.0	0.4	12.5	12.9
	07/22/74	27	1.1	4.3	13.9	18.2
	07/06/75	28	7.8	7.9	97.9	105.8
	07/22/76	34	1.4	43.6	17.2	60.8
	07/23/77	34	5.0	9.0	63.0	72.0
133	07/11/73	33	1.0	0.9	3.6	4.5
	07/22/74	30	5.8	6.2	20.9	27.1
	07/16/75	27	4.2	18.6	15.2	33.8
	-	-	-	-	-	-
	07/23/77	35	3.7	0.0	13.6	13.6

APPENDIX TABLE 1.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
134	07/11/73	17	1.0	0.2	0.4	0.6
	07/22/74	26	87.7	6.2	35.1	41.3
	-	-	-	-	-	-
	07/22/76	18	16.5	0.9	6.6	7.5
	07/23/77	17	5.0	0.0	2.0	2.0
135	07/11/73	27	1.0	1.4	16.6	18.0
	07/22/74	22	1.5	0.4	24.8	25.2
	07/16/75	27	0.5	6.2	35.0	41.2
	07/22/76	31	5.3	27.4	87.8	115.2
	07/23/77	27	0.4	1.3	6.6	7.9
136	07/11/73	16	1.0	2.1	9.9	12.0
	07/22/74	22	0.4	2.2	4.1	6.3
	07/16/75	28	2.6	12.7	26.2	38.9
	07/22/76	30	1.6	29.3	15.7	45.0
	07/23/77	27	0.5	1.0	5.6	6.6
137	07/11/73	19	1.0	1.4	3.1	4.5
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/22/76	18	2.3	26.5	8.0	34.5
	07/23/77	16	0.3	0.0	1.0	1.0
138	07/11/73	23	1.0	0.8	4.6	5.4
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/22/76	27	3.8	24.4	17.3	41.7
	07/23/77	22	0.7	0.0	3.3	3.3
139	07/11/73	33	1.0	0.6	6.2	6.8
	-	-	-	-	-	-
	07/16/75	22	2.6	5.4	16.3	21.7
	07/22/76	28	0.3	12.5	1.9	14.4
	07/23/77	29	2.6	2.0	16.3	18.3

APPENDIX TABLE 1.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
<u>MARMOT (Outer)</u>						
141	-	-	-	-	-	-
	-	-	-	-	-	-
	07/25/75	54	1.0	11.2	6.7	17.9
	07/25/76	52	0.3	9.3	2.0	11.3
	-	-	-	-	-	-
142	-	-	-	-	-	-
	-	-	-	-	-	-
	07/25/75	99	1.0	3.9	15.6	19.5
	07/25/76	68	0.2	17.8	2.7	20.5
	-	-	-	-	-	-
143	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/25/76	64	1.0	16.4	27.6	44.0
	-	-	-	-	-	-
144	-	-	-	-	-	-
	-	-	-	-	-	-
	07/25/75	108	1.0	1.2	8.6	9.8
	07/25/76	111	5.4	13.4	46.7	60.1
	08/04/77	111	1.1	1.3	10.0	11.3
145	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/25/76	79	1.0	5.8	16.7	22.5
	08/04/77	88	0.9	1.3	15.3	16.6
146	-	-	-	-	-	-
	-	-	-	-	-	-
	07/25/75	102	1.0	4.5	18.4	22.9
	07/25/76	103	0.9	10.5	17.3	27.8
	08/02/77	106	0.2	0.6	4.3	4.9

APPENDIX TABLE 1 .--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
147	-	-	-	-	-	-
	-	-	-	-	-	-
	07/25/75	97	1.0	0.5	4.2	4.7
	07/25/76	74	0.5	4.8	1.9	6.7
	08/02/77	85	1.2	1.0	5.0	6.0
148	-	-	-	-	-	-
	-	-	-	-	-	-
	07/25/75	54	1.0	3.9	0.0	3.9
	07/25/76	77	7.5	1.4	6.5	7.9
	08/02/77	65	3.6	3.0	2.6	5.6
149	-	-	-	-	-	-
	-	-	-	-	-	-
	07/25/75	86	1.0	6.5	7.6	14.1
	07/25/76	95	0.9	29.5	6.7	36.2
	08/02/77	84	0.5	1.6	4.3	5.9
162	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	08/04/77	62	1.0	0.0	0.0	0.0
163	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	08/04/77	116	1.0	2.6	5.3	7.9
166	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	08/04/77	123	1.0	0.6	5.3	5.9

APPENDIX TABLE 1.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
167	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	08/04/77	118	1.0	4.6	11.3	15.9
168	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	08/04/77	83	1.0	6.0	3.3	9.3
169	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	08/04/77	97	1.0	23.6	9.6	33.2
<u>KILIUDA</u>						
150	-	-	-	-	-	-
	06/29/74	32	1.0	61.5	33.8	95.3
	07/25/75	49	0.3	6.3	11.8	18.1
	07/29/76	28	0.2	29.6	7.9	37.5
	08/10/77	39	0.0	2.0	0.6	2.6
151	-	-	-	-	-	-
	06/29/74	50	1.0	14.7	18.5	33.2
	07/25/75	32	0.8	7.6	14.9	22.5
	07/29/76	49	1.3	38.4	23.5	61.9
	08/10/77	50	0.5	10.6	10.0	20.6
152	-	-	-	-	-	-
	06/29/74	46	1.0	47.3	25.6	72.9
	07/25/75	46	0.1	18.2	3.7	21.9
	07/29/76	36	0.0	6.1	1.1	7.2
	08/10/77	37	0.0	0.0	1.3	1.3

APPENDIX TABLE 1 .--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
153	-	-	-	-	-	-
	06/29/74	39	1.0	61.7	12.2	73.9
	07/25/75	44	1.3	12.7	15.5	18.2
	07/29/76	36	0.0	1.1	0.5	1.6
	-	-	-	-	-	-
154	-	-	-	-	-	-
	06/29/74	42	1.0	13.1	14.4	27.5
	07/25/75	46	1.2	10.9	16.8	27.7
	07/29/76	43	0.5	24.2	7.5	31.7
	08/10/77	51	0.1	0.0	1.3	1.3
155	-	-	-	-	-	-
	06/29/74	62	1.0	32.8	54.7	87.5
	07/25/75	60	0.2	4.1	12.3	16.4
	07/29/76	60	0.1	9.4	7.5	16.9
	08/10/77	60	0.5	21.3	30.6	51.9
156	-	-	-	-	-	-
	06/29/74	61	1.0	39.7	56.3	96.0
	07/25/75	41	0.1	7.2	3.3	10.5
	07/29/76	63	0.2	5.1	9.4	14.5
	08/10/77	57	0.1	5.0	9.0	14.0
157	-	-	-	-	-	-
	06/29/74	22	1.0	0.0	0.0	0.0
	07/25/75	20	1.0	0.0	0.0	0.0
	07/29/76	27	1.0	2.5	0.0	2.5
	08/10/77	19	1.0	0.0	0.0	0.0
158	-	-	-	-	-	-
	06/29/74	56	1.0	41.3	39.7	81.0
	07/25/75	44	0.3	3.9	11.6	19.5
	07/29/76	20	0.0	0.0	0.0	0.0
	07/10/77	39	0.2	7.0	9.3	16.3

APPENDIX TABLE 1 .--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
159	-	-	-	-	-	-
	06/29/74	72	1.0	25.8	29.9	55.7
	07/25/75	71	0.9	4.4	25.7	30.1
	07/29/76	30	0.2	28.3	6.2	34.5
	08/10/77	71	0.3	21.6	11.3	32.9
161	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/25/76	42	1.0	3.0	2.3	5.3
	-	-	-	-	-	-

<sup>1</sup>Bay station number did not change from 1975 to 1976

<sup>2</sup>A dash means station not fished that year

APPENDIX TABLE 2 .--Ocean station collection and catch data for male Tanner crab (C. bairdi), 1973-1977 Population Index Studies, Kodiak

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
321	07/26/73	29-31	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
330	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/18/76	83-103	1.0	0.0	0.3	0.3
	-	-	-	-	-	-
339	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/18/76	98-108	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
340	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/18/76	93-112	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
348 (492)	-	-	-	-	-	-
	-	-	-	-	-	-
	06/30/75	92-93	1.0	8.3	27.0	35.3
	07/19/76	98-102	0.0	0.2	0.3	0.5
	-	-	-	-	-	-
349 (494)	-	-	-	-	-	-
	-	-	-	-	-	-
	06/29/75	90-90	1.0	9.2	26.1	35.3
	07/18/76	98-99	0.2	7.2	4.5	11.7
	06/27/77	92-94	0.1	4.0	3.4	7.4
350 (495)	-	-	-	-	-	-
	-	-	-	-	-	-
	06/29/75	69-78	1.0	4.8	1.0	5.8
	-	-	-	-	-	-
	-	-	-	-	-	-

APPENDIX TABLE 2.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
356	-	-	-	-	-	-
(493)	-	-	-	-	-	-
	06/30/75	78-82	1.0	24.0	12.6	36.6
	07/19/76	88-92	0.5	0.3	10.4	19.7
	06/28/77	83-94	0.1	6.5	1.5	8.0
357	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/17/76	64-66	1.0	10.1	5.3	15.4
	07/28/77	79-83	1.0	2.7	5.7	8.4
358	-	-	-	-	-	-
(497)	-	-	-	-	-	-
	06/29/75	69-78	1.0	15.3	36.1	51.4
	07/17/76	72-74	0.3	4.4	9.1	13.5
	06/27/77	77-95	0.1	3.7	3.6	7.3
364	-	-	-	-	-	-
(386)	-	-	-	-	-	-
	06/30/75	64-86	1.0	34.6	3.5	38.1
	-	-	-	-	-	-
	-	-	-	-	-	-
365	-	-	-	-	-	-
(496)	-	-	-	-	-	-
	07/01/75	36-48	1.0	0.2	0.0	0.2
	07/19/76	41-54	1.2	0.8	1.2	2.0
	06/28/77	49-60	3.7	1.9	2.7	4.6
366	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/17/76	48-50	1.0	1.0	2.1	3.1
	06/27/77	48-50	0.0	0.0	.07	.07

APPENDIX TABLE 2.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
367	-	-	-	-	-	-
	-	-	-	-	-	-
	07/01/76	44-46	1.0	0.0	0.5	0.5
	-	-	-	-	-	-
371 (387)	-	-	-	-	-	-
	07/01/75	98-110	1.0	0.6	0.2	0.8
	-	-	-	-	-	-
	-	-	-	-	-	-
372 (362)	08/04/73	60-80	1.0	0.4	0.1	0.5
	07/29/74	60-80	1.0	0.9	0.0	0.9
	06/28/75	58-72	1.0	0.4	0.0	0.4
	07/19/76	58-73	11.0	0.2	1.1	1.3
	06/29/77	62-82	0.8	.08	.08	.16
379 (361)	-	-	-	-	-	-
	-	-	-	-	-	-
	07/01/75	69-87	1.0	0.4	0.1	0.5
	-	-	-	-	-	-
	06/29/77	81-95	1.4	0.4	.07	.47
380 (363)	08/04/73	54-56	1.0	0.0	0.0	0.0
	07/29/74	54-56	1.5	6.0	0.5	6.5
	06/28/75	59-87	3.4	2.9	2.4	5.3
	07/20/76	62-64	3.5	0.8	2.5	3.3
	-	-	-	-	-	-
386 (379)	-	-	-	-	-	-
	-	-	-	-	-	-
	06/29/75	43-49	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	06/29/77	37-50	0.0	.07	0.0	.07
387 (408)	08/04/73	31-53	1.0	0.2	0.0	0.2
	07/29/74	31-53	1.0	0.1	0.0	0.1
	06/30/75	30-40	1.0	0.0	0.0	0.0
	07/20/76	30-36	1.0	0.0	0.0	0.0
	-	-	-	-	-	-

APPENDIX TABLE 2 .--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
394	-	-	-	-	-	-
(380)	-	-	-	-	-	-
	06/30/75	49-62	1.0	0.1	0.0	0.1
	07/20/76	46-55	1.0	0.2	0.2	0.4
	-	-	-	-	-	-
400	-	-	-	-	-	-
(382)	-	-	-	-	-	-
	07/01/75	80-86	1.0	5.7	19.0	24.7
	07/22/76	75-96	0.3	3.6	6.2	9.8
	-	-	-	-	-	-
401	-	-	-	-	-	-
(381)	-	-	-	-	-	-
	06/30/75	57-84	1.0	1.6	0.9	2.5
	07/20/76	52-84	0.0	0.4	0.0	0.4
	-	-	-	-	-	-
402	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/24/76	39-40	1.0	0.0	0.1	0.1
	-	-	-	-	-	-
407	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/22/76	86-91	1.0	3.6	4.5	8.1
	-	-	-	-	-	-
408	08/02/73	66-81	1.0	8.1	6.4	14.5
(365)	07/28/74	66-82	7.3	7.9	46.9	54.8
	07/01/75	68-84	2.9	8.6	18.5	27.1
	-	-	-	-	-	-
	06/30/77	69-76	0.6	3.8	4.0	7.8

APPENDIX TABLE 2.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
410	-	-	-	-	-	-
	-	-	-	-	-	-
	07/24/76	52-58	1.0	0.0	0.4	0.4
	-	-	-	-	-	-
411	-	-	-	-	-	-
	-	-	-	-	-	-
	07/24/76	62-64	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
414	-	-	-	-	-	-
	-	-	-	-	-	-
	07/27/76	64-72	1.0	4.5	1.4	5.9
	-	-	-	-	-	-
415	08/02/73	74-79	1.0	5.9	19.7	25.6
(364)	07/28/74	74-81	0.5	13.0	9.8	22.8
	07/01/75	80-87	1.3	5.9	24.9	30.8
	07/23/76	67-74	0.0	3.1	0.5	3.6
	06/30/77	68-80	0.0	0.7	0.4	1.1
416	-	-	-	-	-	-
(366)	-	-	-	-	-	-
	06/30/75	54-84	1.0	1.6	0.8	2.4
	-	-	-	-	-	-
	06/30/77	57-72	0.0	1.0	0.0	1.0
418	-	-	-	-	-	-
	-	-	-	-	-	-
	07/24/76	53-87	1.0	0.0	0.6	0.6
	-	-	-	-	-	-

APPENDIX TABLE 2.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
422	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/22/76	64-78	1.0	12.9	10.2	23.1
	08/18/77	63-76	0.5	3.0	5.6	8.6
423	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/23/76	62-73	1.0	16.0	6.9	22.9
	-	-	-	-	-	-
424 (383)	-	-	-	-	-	-
	-	-	-	-	-	-
	06/30/75	61-78	1.0	2.0	2.6	4.6
	-	-	-	-	-	-
	-	-	-	-	-	-
425 (499)	-	-	-	-	-	-
	-	-	-	-	-	-
	06/30/75	75-75	1.0	2.9	2.0	4.9
	-	-	-	-	-	-
	-	-	-	-	-	-
426 (500)	-	-	-	-	-	-
	-	-	-	-	-	-
	07/01/75	75-90	1.0	19.55	30.7	50.2
	-	-	-	-	-	-
	-	-	-	-	-	-
430 (368)	07/28/73	79-94	1.0	1.4	12.7	14.1
	07/27/74	79-94	1.2	1.4	15.7	17.1
	-	-	-	-	-	-
	07/16/76	70-91	0.9	6.6	11.0	17.6
	08/16/77	68-78	0.8	6.0	10.1	16.1

APPENDIX TABLE 2.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
431	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/23/76	65-75	1.0	9.3	3.0	12.3
	08/18/77	79-82	1.5	2.2	4.7	6.9
437	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/16/76	70-97	1.0	6.9	4.9	11.8
	08/16/77	93-94	5.4	12.8	26.7	39.5
438 (367)	07/28/73	63-76	1.0	1.9	4.1	6.0
	07/27/74	63-76	1.3	18.0	5.3	23.3
	-	-	-	-	-	-
	07/23/76	60-75	2.2	16.4	9.2	25.6
	08/18/77	75-83	0.2	3.2	1.1	4.3
441 (502)	-	-	-	-	-	-
	-	-	-	-	-	-
	07/02/75	61-62	1.0	3.1	0.2	3.3
	-	-	-	-	-	-
445	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/16/76	93-116	1.0	7.5	6.4	13.9
	08/16/77	61-105	4.3	19.3	27.4	46.7
449 (504)	-	-	-	-	-	-
	-	-	-	-	-	-
	07/02/75	60-66	1.0	1.0	0.0	1.0
	-	-	-	-	-	-

APPENDIX TABLE 2.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
452 (332)	08/01/73	32-47	1.0	2.3	1.4	3.7
	08/05/74	32-47	0.4	2.5	0.6	3.1
	-	-	-	-	-	-
	-	-	-	-	-	-
453 (318)	08/01/73	31-33	1.0	4.6	0.2	4.8
	08/05/74	31-33	0.1	0.5	0.03	0.5
	-	-	-	-	-	-
	-	-	-	-	-	-
463	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	08/01/76	32-78	1.0	3.5	2.8	6.3
	07/29/77	32-80	0.8	7.2	2.4	9.6
469 (370)	07/26/73	60-66	1.0	3.0	45.1	48.1
	07/26/74	60-84	0.3	5.6	13.0	18.6
	07/27/75	27-53	0.1	1.8	2.3	4.1
	06/24/76	52-60	0.2	15.9	8.2	24.1
	07/29/77	40-67	0.2	12.9	11.3	24.2
475	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	06/24/76	42-80	1.0	17.2	3.3	20.5
	07/29/77	20-61	0.3	3.2	1.1	4.3
476 (378)	-	-	-	-	-	-
	07/26/74	52-109	1.0	9.5	30.4	39.5
	07/26/75	52-109	0.1	1.4	2.0	3.4
	-	-	-	-	-	-

APPENDIX TABLE 2.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
481	-	-	-	-	-	-
	-	-	-	-	-	-
	06/24/76	34-60	1.0	0.7	0.3	1.0
	-	-	-	-	-	-
482	-	-	-	-	-	-
	-	-	-	-	-	-
	07/08/77	36-57	1.0	1.2	1.9	3.1
486	07/26/73	52-68	1.0	4.1	34.5	38.6
(371)	07/26/74	52-68	0.6	12.7	20.7	33.4
	07/27/75	36-42	0.0	2.4	0.6	3.0
	06/25/76	60-87	0.6	24.5	21.9	46.4
	08/09/77	53-78	0.3	7.4	9.8	17.2
487	07/25/73	57-63	1.0	3.9	17.9	21.8
(488)	07/25/74	57-63	1.6	13.0	29.3	42.3
	07/26/75	38-54	0.4	4.3	7.5	11.8
	-	-	-	-	-	-
	-	-	-	-	-	-
491	-	-	-	-	-	-
	-	-	-	-	-	-
	06/29/76	3-27	1.0	1.1	4.1	5.2
	-	-	-	-	-	-
492	07/25/73	55-68	1.0	3.4	47.2	50.6
(489)	07/25/74	55-68	0.0	7.2	1.5	8.7
	07/26/75	72-81	0.3	5.1	16.3	21.4
	06/25/76	80-94	0.5	28.8	21.9	50.7
	08/09/77	79-89	0.1	11.3	6.2	17.5

APPENDIX TABLE 2.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
497	-	-	-	-	-	-
	-	-	-	-	-	-
	06/29/76	40-40	1.0	0.2	0.0	0.2
	-	-	-	-	-	-
498	07/25/73	65-80	1.0	10.2	9.9	19.2
(490)	-	-	-	-	-	-
	07/01/75	75-86	0.3	4.4	3.2	7.6
	06/24/76	80-85	2.5	20.5	22.7	43.2
	08/09/77	75-82	0.6	10.4	5.8	16.2
501	06/26/73	35-44	1.0	1.8	0.1	1.9
(323)	07/13/74	35-44	3.0	3.0	0.3	3.3
	-	-	-	-	-	-
	06/29/76	25-45	0.0	0.4	0.0	0.4
	-	-	-	-	-	-
503	-	-	-	-	-	-
	-	-	-	-	-	-
	07/02/75	78-87	1.0	9.9	3.1	13.0
	-	-	-	-	-	-
	-	-	-	-	-	-
513	07/26/73	35-38	1.0	8.7	0.9	9.6
(324)	07/13/74	35-38	0.6	2.8	0.5	3.3
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
518	06/27/73	43-44	1.0	4.6	3.9	8.5
(325)	06/28/74	43-44	3.3	5.2	12.8	18.0
	06/16/75	41-42	0.3	0.3	1.3	1.6
	07/16/76	41-42	0.1	0.2	0.5	0.7
	07/28/77	40-42	0.0	0.3	.08	.38

APPENDIX TABLE 2.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
523 (326)	06/27/73	41-43	1.0	5.8	8.1	13.9
	06/28/74	41-43	4.0	7.7	32.0	39.7
	07/16/75	41-44	0.7	0.3	5.6	5.9
	07/16/76	42-43	0.1	5.6	0.4	6.0
	07/28/77	40-43	0.4	0.8	3.5	4.3
528	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	08/15/77	44-60	1.0	0.4	2.8	3.2
529 (327)	06/27/73	44-45	1.0	24.0	34.3	58.3
	06/28/74	44-45	2.0	18.9	67.6	86.5
	07/16/75	42-44	0.2	1.1	7.0	8.1
	07/16/76	44-45	0.0	1.4	0.5	1.9
	08/15/77	44-45	0.1	1.3	3.0	4.3
532	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	08/15/77	79-91	1.0	15.5	12.2	27.7
536 (372)	07/24/73	81-85	1.0	4.5	16.8	21.3
	06/30/74	81-85	1.0	10.8	16.4	27.2
	-	-	-	-	-	-
	07/30/76	42-84	0.1	1.5	2.4	3.9
537 (373)	07/24/73	77-81	1.0	11.5	35.3	46.5
	06/30/74	77-81	0.9	19.3	32.2	51.5
	-	-	-	-	-	-
	07/30/76	62-82	0.2	0.4	6.3	6.7
	08/15/77	0-0	0.0	0.0	0.0	0.0

APPENDIX TABLE 2.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
541	07/24/73	60-81	1.0	15.7	5.6	21.3
(374)	06/30/74	60-81	0.0	1.7	0.2	1.9
	-	-	-	-	-	-
	07/30/76	77-82	0.2	1.3	0.9	2.2
	-	-	-	-	-	-
545	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/27/76	65-78	1.0	1.1	3.7	4.8
	-	-	-	-	-	-
579	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/27/76	42-70	1.0	1.5	1.1	2.6
	-	-	-	-	-	-
580	06/26/73	51-96	1.0	2.6	1.3	3.9
(616)	07/01/74	51-96	0.0	0.1	0.0	0.1
	07/21/75	48-80	19.0	11.4	24.7	36.1
	-	-	-	-	-	-
	-	-	-	-	-	-
581	06/26/73	52-62	1.0	0.2	2.0	2.2
(615)	07/01/74	52-62	3.2	6.5	6.3	12.8
	-	-	-	-	-	-
	07/27/76	58-66	2.9	6.8	5.7	12.5
	-	-	-	-	-	-
582	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/25/76	42-81	1.0	2.7	10.9	13.6
	08/11/77	75-81	0.8	1.5	9.2	10.7

APPENDIX TABLE 2.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
583 (608)	06/27/73	38-40	1.0	0.5	0.0	0.5
	07/02/74	38-40	1.0	0.2	0.0	0.2
	-	-	-	-	-	-
	-	-	-	-	-	-
585 (592)	06/29/73	35-57	1.0	0.3	0.0	0.3
	07/03/74	35-57	1.6	3.8	0.6	4.4
	07/24/75	32-40	1.0	0.0	0.0	0.0
	07/17/76	30-42	1.0	0.0	0.0	0.0
	07/03/77	30-40	1.0	0.0	0.0	0.0
586 (617)	06/29/73	85-96	1.0	1.6	14.0	15.6
	07/03/74	85-96	5.3	6.6	73.7	80.3
	07/21/75	84-93	5.1	10.5	71.8	82.3
	07/25/76	91-105	1.5	1.7	20.9	22.6
	08/11/77	33-40	2.6	4.9	37.3	42.2
587 (609)	06/27/73	29-33	1.0	0.1	0.0	0.1
	07/02/74	29-33	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
588 (593)	06/29/73	21-38	1.0	0.0	0.0	0.0
	07/05/74	21-38	6.6	2.3	5.6	7.9
	07/23/75	30-41	12.2	2.7	11.2	13.9
	07/17/76	36-41	17.9	15.7	16.9	32.6
	07/03/77	38-40	11.8	7.8	10.8	18.6
589 (628)	-	-	-	-	-	-
	07/03/74	55-84	1.0	2.4	2.6	5.0
	07/21/75	55-84	0.0	0.0	0.0	0.0
	07/17/76	52-87	1.0	2.1	2.5	4.6
	07/03/77	44-57	0.0	0.0	0.0	0.0

APPENDIX TABLE 2.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
590	06/28/73	36-44	1.0	0.1	0.0	0.1
(598)	07/02/74	36-44	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	07/25/76	36-43	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
591	06/27/73	40-65	1.0	0.0	0.0	0.0
(610)	06/28/74	40-65	1.0	0.2	0.0	0.2
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
592	07/03/73	43-76	0.0	6.0	17.5	23.5
(623)	07/04/74	43-76	0.0	1.2	0.0	1.2
	07/23/75	81-84	1.2	1.7	20.8	22.5
	07/18/76	80-84	0.4	70.7	7.0	77.7
	07/04/77	81-84	1.6	5.4	28.4	33.8
593	06/28/73	75-80	1.0	5.8	5.6	11.4
(618)	06/29/74	75-80	1.5	11.1	8.4	19.5
	07/15/75	66-84	1.4	1.7	8.0	9.7
	07/18/76	69-84	4.5	5.7	25.1	30.8
	07/04/77	61-76	1.9	7.5	11.0	18.5
594	07/02/73	20-67	1.0	0.0	0.0	0.0
	07/05/74	20-67	1.2	0.1	0.2	0.3
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
595	07/03/73	20-31	1.0	12.7	8.4	21.1
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-

APPENDIX TABLE 2.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
596 (622)	07/02/73	55-68	1.0	1.8	6.9	8.7
	07/05/74	55-68	2.0	3.5	13.6	17.1
	07/21/75	36-65	2.0	3.4	13.6	17.0
	07/23/76	35-51	0.0	0.0	0.0	0.0
	07/05/77	52-68	1.1	18.8	7.6	26.4
597 (626)	-	-	-	-	-	-
	07/04/74	50-66	1.0	1.9	0.3	2.2
	07/15/75	50-66	0.0	0.6	0.0	0.6
	07/18/76	49-65	4.6	1.4	1.4	2.8
	07/04/77	69-82	42.6	4.0	12.8	16.8
598 (619)	06/28/73	70-75	1.0	7.0	20.4	27.4
	06/29/74	70-75	1.6	10.0	31.8	41.8
	07/16/75	72-79	0.5	1.9	9.3	11.1
	07/19/76	76-80	0.4	2.0	7.7	0.7
	07/10/77	82-83	1.9	7.8	38.6	46.4
599 (600)	06/28/73	36-43	1.0	0.0	0.0	0.0
	06/28/74	36-43	1.0	0.2	0.0	0.2
	-	-	-	-	-	-
	-	-	-	-	-	-
600 (603)	07/01/73	28-34	1.0	1.5	2.3	3.8
	07/06/74	28-34	0.2	1.1	0.5	1.6
	07/21/75	38-42	0.8	0.1	1.8	1.9
	07/21/76	27-34	0.3	2.5	0.6	3.1
	07/05/77	29-34	2.2	0.6	5.0	5.6
601 (624)	07/03/73	60-89	1.0	5.6	2.1	7.7
	07/04/74	60-89	0.3	0.6	0.6	1.2
	07/17/75	63-87	0.7	0.7	1.5	2.2
	07/23/76	62-88	0.1	1.1	0.2	1.3
	07/05/77	63-90	0.5	0.8	1.1	1.9

APPENDIX TABLE 2.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		Total
				< 140	≥ 140	
602	06/29/73	68-76	1.0	8.0	19.0	27.0
(620)	06/30/74	68-76	5.4	17.9	50.6	68.5
	07/17/75	75-76	1.2	8.6	22.9	31.5
	07/19/76	77-79	0.6	2.4	11.4	13.8
	07/10/77	77-80	2.4	11.2	45.9	57.1
603	-	-	-	-	-	-
(601)	06/29/74	41-47	1.0	1.2	1.1	2.3
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
606	07/04/73	42-50	1.0	0.1	0.0	0.1
(604)	07/06/74	42-50	1.0	0.1	0.0	0.1
	07/21/75	43-60	6.5	1.3	5.5	6.8
	07/13/76	37-56	9.8	15.0	8.8	23.8
	07/07/77	45-60	13.0	4.6	12.0	16.6
607	-	-	-	-	-	-
(627)	07/30/74	45-48	1.0	9.3	23.9	33.2
	07/17/75	45-48	2.3	7.4	53.8	61.2
	07/12/76	55-73	0.3	23.0	7.7	30.7
	08/03/77	70-82	0.6	2.7	13.9	16.6
608	07/03/73	46-49	1.0	5.6	10.9	16.5
(621)	07/30/74	46-49	5.8	47.1	62.9	110.0
	07/20/75	51-54	2.7	11.6	29.4	41.0
	07/19/76	51-79	0.8	3.8	9.2	13.0
	07/10/77	50-55	1.2	20.4	13.8	34.2
610	07/03/73	52-71	1.0	4.1	7.7	11.8
(625)	07/02/74	52-71	1.8	2.0	13.6	15.6
	07/20/75	69-77	4.8	10.6	37.1	47.7
	07/13/76	73-80	0.8	27.7	6.1	33.8
	07/07/77	75-78	2.2	5.4	16.7	22.1

APPENDIX TABLE 2.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
611 (636)	06/09/73	41-43	1.0	0.8	1.1	1.9
	07/01/74	41-43	8.4	7.0	7.2	16.2
	07/20/75	49-51	3.6	2.8	4.0	6.8
	07/12/76	48-51	4.2	3.6	4.6	8.2
	08/03/77	45-49	3.3	5.5	3.7	9.2
616 (646)	07/04/73	42-46	1.0	0.1	0.2	0.3
	07/02/74	42-46	46.0	7.3	9.2	16.5
	07/20/75	48-58	11.0	5.3	2.2	7.5
	07/13/76	48-60	17.0	7.4	3.4	10.8
	07/07/77	33-66	6.0	1.0	1.2	2.2
617	07/04/73	18-34	1.0	0.0	0.0	0.0
	07/01/74	18-34	1.0	0.0	0.0	0.0
	07/20/75	39-45	17.1	2.1	16.1	18.2
	07/12/76	40-42	3.2	0.5	2.2	2.7
	08/03/77	43-47	1.2	0.3	0.2	0.5
618 (637)	07/03/73	16-21	1.0	0.0	0.0	0.0
	07/01/74	16-21	1.0	0.0	0.0	0.0
	07/20/75	26-28	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
622 (647)	07/04/73	13-15	1.0	2.0	0.5	2.5
	07/07/74	13-15	4.0	68.2	2.0	70.2
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
623 (606)	07/06/73	21-32	1.0	14.6	4.6	19.2
	07/07/74	21-32	12.2	41.4	10.5	51.9
	07/17/75	22-29	1.6	12.0	7.3	19.3
	-	-	-	-	-	-
	-	-	-	-	-	-
624 (605)	07/04/73	34-47	1.0	0.0	0.0	0.0
	07/03/74	34-47	1.0	0.0	0.0	0.0
	07/18/75	30-40	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-

APPENDIX TABLE 2.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
625 (640)	07/04/73	30-37	1.0	0.0	0.0	0.0
	07/02/74	30-37	1.2	0.0	0.2	0.2
	07/19/75	42-46	1.2	0.2	0.2	0.4
	07/11/76	40-43	2.2	0.6	1.2	1.8
	-	-	-	-	-	-
630 (648)	07/06/73	31-41	1.0	12.5	4.4	16.9
	07/07/74	31-41	5.0	17.6	22.1	39.7
	07/17/75	20-26	2.0	15.4	9.0	24.4
	07/09/76	34-36	6.8	17.4	29.9	47.3
	08/01/77	24-35	0.2	8.6	0.8	9.4
631 (607)	07/06/73	34-41	1.0	0.0	0.0	0.0
	07/03/74	34-41	1.6	17.6	0.6	18.2
	07/18/75	33-40	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	08/01/77	40-43	1.0	0.0	0.0	0.0
632 (642)	07/04/73	36-44	1.0	0.0	0.0	0.0
	07/03/74	36-44	1.0	0.0	0.0	0.0
	07/18/75	42-48	1.2	0.2	0.2	0.4
	06/30/76	44-51	1.3	0.5	0.3	0.8
	-	-	-	-	-	-
633 (641)	-	-	-	-	-	-
	-	-	-	-	-	-
	07/19/75	34-37	1.0	0.0	0.0	0.0
	07/11/76	28-35	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
636 (661)	07/07/73	35-43	1.0	0.3	0.2	0.5
	07/10/74	35-43	14.0	4.6	2.8	7.3
	07/17/75	29-35	266.0	75.5	53.2	128.7
	07/01/76	39-45	245.0	44.3	49.0	93.3
	07/29/77	23-32	7.0	2.1	1.4	3.5

APPENDIX TABLE 2.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
637	07/06/73	49-52	1.0	1.5	0.5	2.0
(671)	07/10/74	49-52	3.4	4.5	1.7	6.2
	07/17/75	50-50	25.0	17.1	12.5	29.6
	07/02/76	14-17	12.6	0.4	6.3	6.7
	08/01/77	50-50	1.0	2.0	0.5	2.5
638	07/05/73	49-59	1.0	0.0	0.0	0.0
(644)	07/04/74	49-59	1.1	0.4	0.1	0.5
	07/18/75	49-57	1.0	0.0	0.0	0.0
	06/30/76	47-59	3.2	0.5	2.2	2.7
	-	-	-	-	-	-
639	-	-	-	-	-	-
(643)	-	-	-	-	-	-
	07/19/75	39-41	1.0	0.0	0.0	0.0
	07/11/76	34-37	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
642	07/07/73	31-43	1.0	0.0	0.0	0.0
(649)	07/11/74	31-43	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	07/01/76	34-44	1.3	0.6	0.3	0.9
	07/29/77	21-36	1.0	0.0	0.0	0.0
643	07/06/73	49-64	1.0	2.0	7.6	9.6
(673)	07/10/74	49-64	3.4	7.4	25.9	33.3
	07/18/75	48-51	0.9	9.7	7.2	16.9
	07/08/76	48-50	5.4	43.0	41.0	84.0
	07/25/77	50-52	2.1	45.0	16.4	61.4
644	07/06/73	66-69	1.0	2.0	3.7	5.7
(672)	07/04/74	66-69	3.4	51.0	12.4	63.4
	07/18/75	67-72	1.2	23.3	4.4	27.7
	07/10/76	65-70	9.0	24.6	33.4	58.0
	-	-	-	-	-	-

APPENDIX TABLE 2.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
645	-	-	-	-	-	-
(645)	-	-	-	-	-	-
	07/18/75	48-51	1.0	0.3	0.0	0.3
	06/30/76	62-68	1.1	0.0	0.1	0.1
	-	-	-	-	-	-
649	07/07/73	25-45	1.0	0.0	0.1	0.1
(650)	07/11/74	25-45	15.0	5.8	1.5	7.3
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
650	07/05/73	46-49	1.0	0.0	0.0	0.0
(675)	07/06/74	46-49	1.3	0.9	0.3	1.2
	07/19/75	46-50	1.6	3.2	0.6	3.8
	07/01/76	47-51	9.2	12.7	8.2	20.9
	07/29/77	45-50	1.0	0.0	0.0	0.0
651	07/05/73	60-66	1.0	6.1	31.0	37.1
(674)	07/05/74	60-66	0.0	0.4	1.1	1.5
	07/18/75	69-75	2.0	55.3	63.3	118.6
	07/08/76	63-68	0.5	7.7	15.5	23.2
	07/25/77	59-60	0.0	0.0	0.0	0.0
652	-	-	-	-	-	-
(684)	07/04/74	76-81	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	07/10/76	59-66	0.0	0.0	0.0	0.0
	-	-	-	-	-	-
654	07/08/73	23-25	1.0	0.0	0.0	0.0
(662)	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-

APPENDIX TABLE 2.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
655 (677)	07/06/73	48-53	1.0	0.0	0.0	0.0
	07/06/74	48-53	1.3	0.2	0.3	0.5
	07/19/75	47-53	7.9	3.4	6.9	10.3
	07/07/76	58-58	13.4	6.1	12.4	18.5
	07/24/77	55-59	1.2	0.1	0.2	0.3
656 (676)	07/05/73	47-68	1.0	0.1	0.3	0.4
	07/05/74	47-68	2.0	0.3	1.0	1.3
	07/19/75	51-70	27.3	2.6	8.2	10.8
	07/07/76	55-79	50.0	7.4	15.0	22.4
	07/25/77	51-72	1.0	0.0	0.3	0.3
657 (685)	-	-	-	-	-	-
	07/05/74	54-64	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	07/10/76	96-114	69.1	11.9	68.1	80.0
661 (663)	07/08/73	23-30	1.0	0.2	0.1	0.3
	07/11/74	23-30	6.0	1.3	0.6	1.9
	07/05/75	18-21	0.0	0.2	0.0	0.2
	07/05/76	26-38	25.0	3.9	2.5	6.4
	07/11/77	28-56	177.0	8.3	17.7	26.0
662 (678)	-	-	-	-	-	-
	07/06/74	49-79	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	07/07/76	58-70	0.0	0.0	0.0	0.0
	07/24/77	58-93	1.1	0.0	0.1	0.1
666 (654)	07/07/73	18-22	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-

APPENDIX TABLE 2.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
667 (651)	07/07/73	46-67	1.0	0.2	1.5	1.7
	07/07/74	46-67	15.2	5.5	22.9	28.4
	07/05/75	16-21	0.0	0.0	0.0	0.0
	07/05/76	25-39	1.3	0.6	2.0	2.6
	07/11/77	30-52	3.6	2.4	5.5	7.9
668 (687)	-	-	-	-	-	-
	07/07/74	57-66	1.0	0.8	2.8	3.6
	07/05/75	30-54	18.5	29.2	51.7	80.9
	07/07/76	75-88	2.4	1.2	6.7	7.9
	07/24/77	65-102	0.1	0.0	0.2	0.2
673 (655)	07/07/73	29-33	1.0	0.2	0.0	0.2
	07/12/74	29-33	1.0	1.2	0.0	1.2
	07/06/75	18-21	1.0	0.0	0.0	0.0
	07/04/76	29-33	2.3	0.6	1.3	1.9
	07/12/77	27-41	1.2	2.8	0.2	3.0
674	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/05/76	80-95	1.0	5.8	41.3	47.1
	07/11/77	80-92	0.5	3.4	21.4	24.8
679 (656)	07/09/73	24-28	1.0	0.0	0.0	0.0
	07/12/74	24-28	1.0	0.4	0.0	0.4
	07/06/75	16-21	1.0	0.1	0.0	0.1
	-	-	-	-	-	-
	-	-	-	-	-	-
680	07/07/73	30-75	1.0	0.7	1.8	2.5
	07/12/74	30-75	4.9	3.3	8.8	12.1
	07/06/75	27-32	0.0	0.3	0.0	0.3
	07/04/76	68-90	16.5	9.1	29.8	38.9
	07/12/77	68-85	5.3	4.5	9.6	14.1

APPENDIX TABLE 2.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
686 (657)	07/09/73	20-30	1.0	0.1	0.1	0.2
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
687 (681)	07/08/73	52-62	1.0	1.8	4.1	5.9
	07/09/74	52-62	0.3	1.1	1.1	2.2
	07/06/75	27-31	0.0	0.4	0.1	0.5
	07/04/76	65-84	4.4	2.4	17.9	20.3
	07/12/77	42-64	2.9	5.3	11.9	17.2
692 (658)	07/09/73	41-55	1.0	0.3	1.6	1.9
	07/08/74	41-55	42.5	4.0	76.7	80.7
	07/06/75	24-33	0.0	0.0	0.0	0.0
	07/03/76	29-31	0.1	0.0	0.2	0.2
	07/13/77	38-50	10.1	3.3	16.1	19.4
695 (659)	07/09/73	25-47	1.0	1.0	0.3	1.3
	07/08/74	25-47	55.7	1.6	16.7	18.3
	07/06/75	10-20	0.0	0.0	0.0	0.0
	07/03/76	24-31	0.0	0.0	0.0	0.0
	07/13/77	27-35	1.0	1.1	0.3	1.4
696 (682)	07/08/73	55-70	1.0	0.9	3.4	4.3
	07/09/74	55-70	0.1	0.1	0.3	0.4
	07/06/75	25-43	2.0	3.1	6.9	10.0
	07/03/76	49-65	9.3	14.2	31.7	45.9
	07/12/77	67-78	0.5	0.9	1.6	2.5
698 (683)	07/08/73	54-62	1.0	1.8	11.0	12.8
	07/09/74	54-62	2.8	3.2	30.3	33.5
	07/05/75	29-33	0.0	0.9	0.1	1.0
	07/02/76	50-61	3.8	7.6	42.2	49.8
	07/13/77	67-71	0.2	0.5	2.7	3.2

APPENDIX TABLE 2.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
700 (660)	07/11/73	67-80	1.0	0.3	0.6	0.9
	07/08/74	67-80	2.2	0.3	1.3	1.6
	07/05/75	17-24	0.3	0.6	0.2	0.8
	07/02/76	40-54	5.1	30.7	3.1	33.8
	-	-	-	-	-	-
703	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/02/76	36-46	1.0	39.6	6.9	46.5
	-	-	-	-	-	-
730	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/03/76	32-38	1.0	2.3	6.2	8.5
	-	-	-	-	-	-
733 (794)	-	-	-	-	-	-
	07/10/74	22-24	1.0	3.5	1.1	4.6
	-	-	-	-	-	-
	07/03/76	24-25	2.6	4.1	2.9	7.0
	07/09/77	25-32	0.2	2.8	0.2	3.0
734 (664)	07/08/73	18-21	1.0	0.1	0.0	0.1
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
736 (833)	07/12/73	60-65	1.0	23.2	45.0	68.2
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/03/76	30-35	0.0	2.0	0.6	2.6
	07/09/77	38-40	0.2	4.9	9.7	14.6

APPENDIX TABLE 2.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
737 (806)	07/13/73	16-22	1.0	0.6	0.3	0.9
	07/10/74	16-22	0.0	0.2	0.0	0.2
	07/04/75	17-18	0.0	0.0	0.0	0.0
	07/02/76	14-17	0.0	0.0	0.0	0.0
	07/09/77	25-27	0.0	0.0	0.0	0.0
739 (792)	07/13/73	31-35	1.0	0.5	0.2	0.7
	-	-	-	-	-	-
	07/04/75	31-35	0.0	0.0	0.0	0.0
	07/02/76	23-26	7.5	1.2	1.5	2.7
	07/10/77	32-36	2.5	1.1	0.5	1.6
740 (793)	07/22/73	16-17	1.0	0.8	0.1	0.9
	07/10/74	16-17	0.0	0.0	0.0	0.0
	07/04/75	17-21	1.4	0.3	0.4	0.7
	-	-	-	-	-	-
	-	-	-	-	-	-
742 (832)	07/13/73	60-68	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/03/76	33-35	9.4	9.5	8.4	17.9
	07/10/77	38-128	3.3	0.6	2.3	2.9
743 (791)	07/22/73	29-32	1.0	1.4	0.0	1.4
	07/13/74	29-32	1.1	0.5	0.1	0.6
	07/13/75	33-36	2.8	0.8	1.8	2.6
	07/02/76	18-22	1.0	0.0	0.0	0.0
	07/10/77	32-35	0.0	0.0	0.0	0.0
747 (807)	-	-	-	-	-	-
	07/13/74	36-36	1.0	10.2	6.3	16.5
	07/12/75	35-35	0.9	3.0	5.6	8.6
	07/02/76	36-38	2.2	24.9	13.8	38.7
	07/11/77	35-45	0.1	1.2	0.9	2.1

APPENDIX TABLE 2.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
748 (805)	07/22/73	26-30	1.0	0.2	0.5	0.7
	07/14/74	26-30	2.4	2.6	1.2	3.8
	07/13/75	31-39	3.6	1.4	1.8	3.2
	07/02/76	25-29	0.0	0.2	0.0	0.2
	07/11/77	29-31	1.4	0.9	0.7	1.6
751	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/05/76	39-90	1.0	5.6	5.0	10.6
	07/15/77	116-124	5.6	3.3	28.0	31.3
752 (790)	07/21/73	40-45	1.0	5.0	2.9	7.9
	07/13/74	40-45	5.9	21.2	17.1	38.3
	07/12/75	33-35	3.1	4.7	9.1	13.8
	07/02/76	34-37	2.2	32.5	6.5	39.0
	07/11/77	34-36	1.2	2.0	3.6	5.6
753 (804)	07/21/73	22-25	1.0	0.0	0.0	0.0
	07/14/74	22-25	1.0	0.2	0.0	0.2
	07/13/75	26-30	1.0	0.1	0.0	0.1
	07/03/76	20-14	1.0	0.0	0.0	0.0
	07/14/77	20-25	1.0	0.0	0.0	0.0
755	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/05/76	110-133	1.0	24.5	3.5	28.0
	07/15/77	128-137	4.3	1.6	15.0	16.6
756 (831)	07/14/73	39-40	1.0	6.3	10.8	17.1
	07/19/74	39-40	0.2	3.0	2.1	5.1
	07/11/75	37-39	6.5	3.8	70.2	74.0
	07/05/76	38-40	0.9	71.1	9.7	80.8
	07/15/77	42-92	1.3	3.9	22.6	26.5

APPENDIX TABLE 2.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
757 (789)	07/21/73	28-31	1.0	2.5	4.5	7.0
	07/14/74	28-31	0.8	3.6	3.4	7.0
	07/12/75	30-33	0.5	0.3	2.1	2.4
	07/03/76	27-29	0.1	0.3	0.6	0.7
	07/14/77	29-32	0.3	0.8	1.3	2.1
759	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/06/76	84-111	1.0	32.5	2.6	35.1
	07/14/77	110-125	13.1	3.7	34.2	37.9
760 (788)	07/20/73	34-37	1.0	7.8	13.0	20.8
	07/19/74	34-37	0.5	8.0	6.0	14.0
	07/11/75	37-40	1.5	5.3	20.0	25.3
	07/06/76	38-40	0.5	35.1	7.0	42.1
	07/13/77	29-42	1.5	7.3	19.5	26.8
761	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/03/76	20-25	1.0	0.3	0.0	0.3
	07/14/77	25-29	1.0	0.0	0.0	0.0
764 (830)	07/14/73	50-61	1.0	1.8	10.6	12.4
	07/19/74	50-61	0.4	1.4	3.9	5.3
	07/10/75	34-39	2.0	1.0	21.5	23.4
	07/06/76	42-62	3.2	6.5	34.1	40.6
	07/14/77	62-96	2.4	7.1	25.8	32.9
765 (782)	07/20/73	32-35	1.0	1.3	7.1	8.4
	07/20/74	32-35	0.8	3.8	5.6	9.4
	07/11/75	25-33	0.5	0.6	3.7	4.3
	07/04/76	23-33	0.2	1.4	1.7	3.1
	07/13/77	34-40	5.1	5.6	36.5	42.1

APPENDIX TABLE 2.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
773	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/16/77	123-131	1.0	1.5	10.0	11.5
774 (829)	07/14/73	35-42	1.0	2.2	11.3	13.5
	07/18/74	35-42	1.0	6.4	11.6	18.0
	07/10/75	30-34	0.0	0.3	0.5	0.8
	07/04/76	40-45	4.2	3.9	47.7	51.6
	07/14/77	44-78	3.6	4.7	41.3	46.0
775 (781)	07/20/73	27-31	1.0	0.9	1.0	1.9
	07/20/74	27-31	1.6	0.9	1.6	2.5
	07/10/75	19-25	0.2	0.1	0.2	0.3
	07/04/76	24-26	0.6	1.6	0.6	2.2
	07/13/77	26-28	1.2	0.6	1.2	1.8
782	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/16/77	115-126	1.0	2.4	27.6	30.0
783 (780)	07/19/73	32-35	1.0	3.3	0.8	4.1
	07/20/74	32-35	41.5	17.5	33.2	50.7
	07/10/75	28-30	11.0	1.7	8.8	10.5
	07/08/76	27-35	19.5	2.5	15.6	18.1
	07/15/77	32-40	17.7	1.9	14.2	16.1
784 (799)	07/19/73	25-31	1.0	0.0	0.0	0.0
	07/15/74	25-31	8.8	7.1	7.8	14.9
	07/09/75	17-20	1.0	0.0	0.0	0.0
	07/08/76	18-24	1.0	0.0	0.0	0.0
	07/15/77	22-26	1.0	0.0	0.0	0.0

APPENDIX TABLE 2.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
791 (828)	07/15/73	37-45	1.0	3.6	33.8	37.4
	07/18/74	37-45	0.6	14.5	18.6	33.1
	07/10/75	35-44	0.4	5.5	14.5	20.0
	-	-	-	-	-	-
	07/16/77	104-119	0.6	1.7	19.9	21.6
792 (798)	07/19/73	35-40	1.0	1.4	0.4	1.8
	07/15/74	35-40	80.0	18.8	32.0	50.8
	07/10/75	27-34	26.5	5.0	10.6	15.6
	07/08/76	28-33	33.0	4.1	13.2	17.3
	07/15/77	30-34	2.0	0.5	0.8	1.3
800 (827)	07/15/73	39-53	1.0	4.9	32.5	37.4
	07/18/74	39-53	1.5	32.4	49.1	81.5
	07/13/75	41-48	0.9	11.8	28.9	40.7
	07/09/76	47-79	1.3	3.2	43.8	47.0
	07/17/77	98-113	1.2	2.8	38.8	41.6
801 (797)	07/18/73	35-41	1.0	2.2	6.0	8.2
	07/15/74	35-41	0.7	7.3	4.3	11.6
	07/09/75	23-30	0.1	1.0	0.8	1.8
	07/09/76	23-28	0.6	4.3	0.4	4.7
	07/21/77	27-32	0.0	0.5	0.2	0.7
810 (778)	07/18/73	41-44	1.0	11.0	16.8	27.8
	07/17/74	41-44	0.7	7.4	11.5	18.9
	07/09/75	39-45	0.5	8.1	8.3	16.4
	07/09/76	41-49	0.5	3.8	8.9	12.7
	07/17/77	50-82	3.3	16.0	56.0	72.0
811 (779)	07/15/73	19-24	1.0	0.0	0.0	0.0
	07/16/74	19-24	1.9	3.7	0.9	4.6
	07/09/75	20-24	1.0	0.0	0.0	0.0
	07/10/76	19-25	1.0	0.0	0.0	0.0
	07/21/77	21-26	1.0	0.0	0.0	0.0

APPENDIX TABLE 2.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
812 (784)	07/15/73	15-16	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
819 (826)	07/15/73	82-105	1.0	6.3	25.6	31.9
	07/17/74	82-105	7.0	26.7	178.7	204.4
	07/13/75	90-115	2.4	4.6	60.4	65.0
	-	-	-	-	-	-
820 (777)	07/18/73	35-41	1.0	7.6	18.2	25.8
	07/16/74	35-41	0.1	4.0	1.5	5.5
	07/09/75	36-40	0.1	2.3	1.4	3.7
	07/10/76	38-44	0.3	9.2	5.6	14.8
	07/22/77	43-48	0.0	0.6	0.3	0.9
821 (796)	07/17/73	15-19	1.0	0.0	0.0	0.0
	07/17/74	15-19	1.0	0.0	0.0	0.0
	07/08/75	16-20	1.0	0.0	0.0	0.0
	07/11/76	18-20	1.0	0.0	0.0	0.0
	07/22/77	5-44	1.0	0.0	0.0	0.0
822 (746)	07/12/73	11-15	1.0	0.0	0.0	0.0
	07/17/74	11-15	1.0	0.0	0.0	0.0
	07/08/75	12-15	1.1	0.0	0.1	0.1
	07/01/76	11-14	0.0	0.0	0.0	0.0
	-	-	-	-	-	-
823 (747)	07/12/73	6-7	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/01/76	6-7	1.0	0.0	0.0	0.0
-	-	-	-	-	-	

APPENDIX TABLE 2.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
829 (825)	07/17/73	51-80	1.0	5.7	20.1	25.8
	07/17/74	51-80	1.2	15.3	23.5	38.8
	07/13/75	63-102	0.8	7.5	15.4	22.9
	07/10/76	80-119	0.3	32.7	6.7	39.4
	07/17/77	105-126	1.1	2.7	22.7	25.4
830 (776)	07/17/73	30-38	1.0	2.8	1.2	4.0
	07/16/74	30-38	1.8	23.6	2.2	25.8
	07/09/75	28-39	0.2	0.7	0.2	0.9
	07/11/76	28-41	0.2	1.0	0.2	1.2
	07/21/77	42-47	6.6	7.2	7.9	15.1
831 (749)	-	-	-	-	-	-
	07/17/74	14-17	1.0	0.0	0.0	0.0
	07/08/75	16-18	1.0	0.0	0.0	0.0
	07/01/76	13-16	1.0	0.0	0.0	0.0
	07/25-77	15-18	1.0	0.0	0.0	0.0
832 (745)	07/12/73	10-12	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	07/07/75	10-12	1.7	0.5	0.7	1.2
	07/01/76	12-30	3.1	3.7	2.1	5.8
07/24/77	12-16	1.0	0.0	0.0	0.0	
838 (824)	07/17/73	46-82	1.0	4.9	16.8	21.7
	07/16/74	46-82	2.6	44.8	43.2	88.0
	07/12/75	61-84	0.6	12.0	10.0	22.0
	07/11/76	50-84	1.5	24.2	25.2	49.4
	07/18/77	77-114	2.5	8.5	41.9	50.4
839 (775)	07/17/73	23-29	1.0	0.0	0.0	0.0
	07/18/74	23-29	1.0	0.8	0.0	0.8
	07/08/75	21-26	1.0	0.0	0.0	0.0
	07/12/76	26-30	1.0	0.9	0.0	0.9
	07/21/77	18-42	1.0	0.0	0.0	0.0

APPENDIX TABLE 2.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
840	07/12/73	12-15	1.0	4.2	21.4	25.6
(743)	07/22/74	12-15	0.0	0.0	0.0	0.0
	07/07/75	19-25	0.1	0.8	1.2	2.0
	07/02/76	20-26	0.1	0.8	1.7	2.5
	07/25/77	18-23	0.0	0.0	0.0	0.0
841	07/12/73	27-35	1.0	4.2	11.7	15.9
(744)	07/22/74	27-35	1.5	3.3	17.7	21.0
	07/07/75	28-33	1.9	9.1	21.7	30.8
	07/01/76	23-29	0.4	18.5	5.1	23.6
	07/24/77	25-31	0.1	0.4	0.8	1.2
847	07/17/73	39-46	1.0	2.7	5.6	8.3
(795)	07/16/74	39-46	0.6	14.7	3.3	18.0
	07/08/75	40-42	0.1	8.4	0.7	9.1
	07/12/76	43-47	0.3	12.5	1.5	14.0
	07/18/77	44-76	1.0	5.5	5.6	11.1
848	07/16/73	22-34	1.0	0.1	0.0	0.1
(741)	07/18/74	22-34	2.2	5.5	1.2	6.7
	07/07/75	22-19	1.0	0.0	0.0	0.0
	07/07/76	20-22	0.0	0.0	0.0	0.0
	08/20/77	23-26	1.0	0.0	0.0	0.0
849	07/12/73	63-81	1.0	3.2	26.2	29.4
(742)	-	-	-	-	-	-
	07/07/75	63-81	1.1	7.3	27.7	35.0
	07/07/76	25-38	0.8	8.3	21.7	29.4
	07/24/77	28-38	0.2	1.0	6.4	7.4
854	07/18/73	75-108	1.0	4.1	46.1	50.2
(823)	07/16/74	75-108	1.0	34.6	44.8	79.4
	07/12/75	93-120	0.7	13.4	34.1	47.5
	07/12/76	103-120	0.4	11.6	19.1	30.7
	07/18/77	25-120	0.6	5.6	27.4	33.0

APPENDIX TABLE 2.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
855 (739)	07/16/73	27-32	1.0	0.8	0.1	0.9
	07/18/74	27-32	0.0	0.7	0.0	0.7
	07/08/75	28-39	1.0	3.0	0.1	3.1
	07/12/76	31-38	0.0	5.2	0.0	5.2
	07/21/77	36-40	0.0	0.1	0.0	0.1
856 (740)	07/16/73	19-22	1.0	0.0	0.0	0.0
	07/22/74	19-22	1.6	0.5	0.1	0.6
	07/07/75	15-20	1.0	0.0	0.0	0.0
	07/07/76	14-23	12.0	1.9	9.2	11.1
	07/25/77	17-22	1.0	0.0	0.0	0.0
861 (822)	07/18/73	41-73	1.0	8.8	32.4	41.2
	07/15/74	41-73	0.1	10.6	2.5	13.1
	07/12/75	50-93	0.1	15.9	3.7	19.6
	07/13/76	75-100	0.3	11.6	9.7	21.3
	07/19/77	84-110	0.4	6.6	13.5	20.1
862 (738)	07/23/73	20-27	1.0	0.0	0.0	0.0
	07/19/74	20-27	1.0	0.0	0.0	0.0
	07/04/75	24-27	1.0	0.3	0.0	0.3
	07/14/76	28-28	1.1	0.1	0.1	0.2
	07/20/77	27-29	1.0	0.0	0.0	0.0
863	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/14/76	12-16	1.0	0.0	0.0	0.0
868 (737)	07/19/73	39-41	1.0	7.9	3.4	11.3
	07/19/74	39-41	0.0	2.1	0.0	2.1
	07/11/75	40-45	0.0	7.9	0.1	8.0
	07/13/76	42-48	4.1	1.1	14.0	15.1
	07/20/77	44-56	0.4	3.5	1.5	5.0

APPENDIX TABLE 2.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
869 (736)	-	-	-	-	-	-
	-	-	-	-	-	-
	07/04/75	9-19	1.0	0.0	0.0	0.0
	07/14/76	17-22	1.0	0.0	0.0	0.0
873	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/19/77	116-126	1.0	2.8	10.0	12.8
874 (735)	07/23/73	22-32	1.0	0.2	0.4	0.6
	07/19/74	22-32	0.0	0.0	0.0	0.0
	07/04/75	27-39	0.0	0.0	0.0	0.0
	07/14/76	36-42	1.5	0.5	0.6	1.1
	07/20/77	40-43	0.0	0.0	0.0	0.0
879 (820)	07/19/73	38-54	1.0	8.3	10.0	18.3
	07/15/74	38-54	0.0	1.3	0.0	1.3
	07/11/75	54-94	0.1	8.6	0.7	9.3
	07/13/76	56-92	0.7	0.8	7.2	8.0
	07/19/77	60-94	0.2	2.7	2.0	4.7
885	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/13/76	41-44	1.0	0.2	0.3	0.5
991	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/26/76	75-102	1.0	36.1	17.1	53.2
-	-	-	-	-	-	

APPENDIX TABLE 2.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
992	-	-	-	-	-	-
	-	-	-	-	-	-
	07/26/76	25-98	1.0	45.0	10.0	55.0
	-	-	-	-	-	-
993	-	-	-	-	-	-
	-	-	-	-	-	-
	07/26/76	70-96	1.0	36.1	23.8	59.9
	-	-	-	-	-	-
994	-	-	-	-	-	-
	-	-	-	-	-	-
	07/26/76	55-80	1.0	30.1	43.6	73.7
	-	-	-	-	-	-
995	-	-	-	-	-	-
	-	-	-	-	-	-
	07/26/76	50-75	1.0	16.7	43.0	59.7
	-	-	-	-	-	-
*NCS (501)	-	-	-	-	-	-
	-	-	-	-	-	-
	07/01/75	66-69	1.0	2.8	0.1	2.9
	06/29/76	25-45	0.0	0.4	0.0	0.4
	-	-	-	-	-	-
NCS (322)	06/26/73	29-31	1.0	1.3	0.1	1.4
	07/13/74	35-35	0.1	0.3	0.0	0.3
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-

APPENDIX TABLE 2.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
NCS (328)	07/01/73	32-34	1.0	3.2	0.8	4.0
	08/05/74	32-34	0.9	3.2	0.7	3.9
	-	-	-	-	-	-
	-	-	-	-	-	-
NCS (369)	07/28/73	68-97	1.0	1.4	8.1	9.5
	07/27/74	68-97	3.5	14.0	28.4	42.4
	-	-	-	-	-	-
	-	-	-	-	-	-
NCS (376)	08/02/73	58-71	1.0	2.6	0.8	3.4
	07/28/74	58-71	0.1	2.6	0.1	2.7
	-	-	-	-	-	-
	-	-	-	-	-	-
NCS (599)	06/28/73	36-47	1.0	0.3	0.0	0.3
	06/28/74	36-47	1.2	1.4	0.2	1.6
	-	-	-	-	-	-
	-	-	-	-	-	-
NCS (614)	06/26/73	59-94	1.0	1.5	3.3	4.8
	07/01/74	59-94	0.0	0.5	0.1	0.6
	-	-	-	-	-	-
	-	-	-	-	-	-
NCS (602)	07/02/73	31-45	1.0	0.1	0.0	0.1
	07/06/74	31-45	1.0	0.1	0.0	0.1
	-	-	-	-	-	-
	-	-	-	-	-	-

APPENDIX TABLE 2.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
NCS (748)	07/18/73	42-45	1.0	5.3	0.2	5.5
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
NCS (821)	07/19/73	70-109	1.0	5.9	8.9	14.8
	07/15/74	70-109	1.3	13.5	11.4	24.9
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-

<sup>1</sup>001 - represents the 1976-77 numbering system  
(000) - represents the pre-1976 numbering system  
NCS - no comparable station fished in 1976  
000 - station number did not change from 1975-1976

<sup>2</sup>A dash means not fished that year.

APPENDIX TABLE 3.--Bay station collection and catch data for male Tanner crab (*C. bairdi*), 1974-1977 Population Index Studies, Sand Point

Station	Date Gear picked <sup>1</sup>	Avg. Depth (fms)	R.I.V. ≥ 140	Average catch per pot		Total
				< 140	≥ 140	
0	07/10/74	46	1.0	21.7	2.2	23.9
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
1	07/09/74	60	1.0	7.2	5.7	12.9
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
2	07/09/74	64	1.0	26.5	21.0	47.5
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
3	07/09/74	66	1.0	14.5	14.5	29.0
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
4	07/09/74	69	1.0	16.7	10.0	26.7
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
5	07/10/74	56	1.0	17.7	9.5	27.2
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
6	07/09/74	64	1.0	15.5	9.7	25.2
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
7	07/10/74	36	1.0	10.0	0.5	10.5
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
8	07/10/74	65	1.0	11.5	9.2	20.7
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-

APPENDIX TABLE 3.--(continued)

Station	Date Gear picked <sup>1</sup>	Avg. Depth (fms)	R.I.V. ≥ 140	Average catch per pot		Total
				< 140	≥ 140	
9	07/21/74	42	1.0	14.2	7.7	21.9
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
10	07/21/74	50	1.0	13.5	5.2	18.7
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
11	07/21/74	100	1.0	30.0	32.0	62.0
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
12	07/21/74	87	1.0	13.5	39.0	52.5
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
13	07/22/74	65	1.0	22.7	37.5	60.2
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
14	07/21/74	63	1.0	31.5	21.5	53.0
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
15	07/22/74	43	1.0	13.5	21.2	34.7
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
16	07/22/74	65	1.0	17.5	15.5	33.0
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
17	07/21/74	80	1.0	16.5	48.5	65.0
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
18	07/21/74	72	1.0	12.7	18.2	30.9
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-

APPENDIX TABLE 3.--(continued)

Station	Date Gear picked <sup>1</sup>	Avg. Depth (fms)	R.I.V. ≥ 140	Average catch per pot		Total
				< 140	≥ 140	
19	07/21/74	72	1.0	36.5	51.0	87.5
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
20	07/23/74	48	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
21	07/23/74	43	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
22	07/23/74	32	1.0	18.5	8.7	27.2
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
23	07/23/74	56	1.0	9.7	31.0	40.7
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
24	07/23/74	46	1.0	2.5	6.5	9.0
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
25	07/23/74	55	1.0	4.7	11.7	16.4
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
26	07/24/74	38	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
27	07/24/74	42	1.0	20.0	69.0	89.0
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
28	07/24/74	30	1.0	21.7	18.2	39.9
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-

APPENDIX TABLE 3.--(continued)

Station	Date Gear picked <sup>1</sup>	Avg. Depth (fms)	R.I.V. ≥ 140	Average catch per pot		Total
				< 140	≥ 140	
29	07/24/74	46	1.0	7.7	22.0	29.7
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
30	07/24/74	64	1.0	3.5	14.0	17.5
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
31	07/24/74	33	1.0	10.0	4.0	14.0
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
32	07/24/74	36	1.0	27.2	31.0	58.2
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
33	07/25/74	55	1.0	33.5	104.7	138.2
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
34	07/24/74	43	1.0	21.0	37.0	58.0
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
35	07/25/74	61	1.0	30.7	86.7	117.4
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
36	07/25/74	58	1.0	34.2	86.5	120.7
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
39	07/25/74	59	1.0	17.2	59.2	76.4
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
40	07/25/74	52	1.0	24.5	110.2	134.7
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-

APPENDIX TABLE 3.--(continued)

Station	Date Gear picked <sup>1</sup>	Avg. Depth (fms)	R.I.V. ≥ 140	Average catch per pot		Total
				< 140	≥ 140	
41	06/26/74	61	1.0	16.7	111.7	128.4
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
42	07/26/74	49	1.0	11.5	60.0	71.5
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
43	07/26/74	37	1.0	15.2	46.7	61.9
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
44	07/26/74	40	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
45	07/26/74	44	1.0	20.7	29.7	50.4
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
46	07/27/74	29	1.0	17.0	26.0	43.0
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
47	07/27/74	41	1.0	23.0	29.2	52.2
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
48	07/27/74	40	1.0	13.0	45.7	58.7
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
49	07/27/74	40	1.0	24.0	50.0	74.0
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
50	07/24/74	36	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-

APPENDIX TABLE 3 .--(continued)

Station	Date Gear picked <sup>1</sup>	Avg. Depth (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
51	07/27/74	44	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
52	07/27/74	50	1.0	4.2	11.7	15.9
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
53	07/26/74	46	1.0	2.5	11.0	13.5
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/22/77	17	1.6	4.0	8.0	12.0
54	07/26/74	31	1.0	0.7	3.7	4.4
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/22/77	18	22.3	39.9	82.6	122.5
56	07/22/74	42	1.0	22.0	3.7	25.7
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
57	07/10/74	44	1.0	21.0	5.0	26.0
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/22/77	32	7.0	21.0	35.0	56.0
58	07/23/74	40	1.0	5.0	4.2	9.2
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
59	07/23/74	49	1.0	2.2	9.7	11.9
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/22/77	26	7.4	45.6	71.6	117.2
60	07/22/74	49	1.0	23.2	6.7	29.9
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
61	07/22/74	80	1.0	8.5	4.7	13.2
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/22/77	30	3.6	11.3	17.3	28.6

APPENDIX TABLE 3.--(continued)

Station	Date Gear picked <sup>1</sup>	Avg. Depth (fms)	R.I.V. ≥ 140	Average catch per pot		Total
				< 140	≥ 140	
62	-	-	-	-	-	-
	-	-	-	-	-	-
	07/22/77	19	1.0	1.0	5.3	6.3
63	-	-	-	-	-	-
	-	-	-	-	-	-
	07/22/77	26	1.0	10.0	24.3	34.3
64	07/25/74	55	1.0	25.2	92.0	117.2
	-	-	-	-	-	-
	-	-	-	-	-	-
65	07/25/74	50	1.0	27.0	65.5	92.5
	-	-	-	-	-	-
	-	-	-	-	-	-
66	-	-	-	-	-	-
	-	-	-	-	-	-
	07/22/77	18	1.0	16.0	36.6	52.6
67	-	-	-	-	-	-
	-	-	-	-	-	-
	07/22/77	50	1.0	48.0	80.0	128.0
69	-	-	-	-	-	-
	-	-	-	-	-	-
	07/22/77	25	1.0	0.3	4.0	4.3
70	-	-	-	-	-	-
	-	-	-	-	-	-
	07/21/77	25	1.0	19.3	14.3	33.6
71	-	-	-	-	-	-
	-	-	-	-	-	-
	07/21/77	37	1.0	16.0	28.0	44.0
72	-	-	-	-	-	-
	-	-	-	-	-	-
	07/21/77	41	1.0	10.0	20.6	30.6

APPENDIX TABLE 3.--(continued)

Station	Date Gear picked <sup>1</sup>	Avg. Depth (fms)	R.I.V. ≥ 140	Average catch per pot		Total
				< 140	≥ 140	
74	-	-	1.0	-	-	-
	-	-	-	-	-	-
	07/21/77	26	1.0	11.6	21.6	33.2
75	07/28/74	45	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	07/21/77	24	28.3	12.6	26.3	40.9
76	07/28/74	46	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	07/20/77	35	18.0	14.6	17.0	31.6
77	07/28/74	41	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
78	07/28/74	39	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
79	07/28/74	57	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
80	07/28/74	64	1.0	6.2	34.0	40.2
	-	-	-	-	-	-
	-	-	-	-	-	-
81	07/29/74	42	1.0	32.2	31.5	63.7
	-	-	-	-	-	-
	-	-	-	-	-	-
85	-	-	-	-	-	-
	-	-	-	-	-	-
	07/20/77	49	1.0	18.6	24.0	42.6
87	-	-	-	-	-	-
	-	-	-	-	-	-
	07/20/77	50	1.0	4.6	49.0	53.6

APPENDIX TABLE 3.--(continued)

Station	Date Gear picked <sup>1</sup>	Avg. Depth (fms)	R.I.V. ≥ 140	Average catch per pot		Total
				< 140	≥ 140	
89	-	-	-	-	-	-
	-	-	-	-	-	-
	07/20/77	62	1.0	6.3	43.6	49.9
90	-	-	-	-	-	-
	-	-	-	-	-	-
	07/20/77	62	1.0	11.0	62.0	73.0
92	-	-	-	-	-	-
	-	-	-	-	-	-
	07/20/77	31	1.0	1.3	5.6	6.9
95	-	-	-	-	-	-
	-	-	-	-	-	-
	07/19/77	47	1.0	11.6	15.0	26.6
96	-	-	-	-	-	-
	-	-	-	-	-	-
	07/19/77	60	1.0	10.6	28.3	38.9
97	-	-	-	-	-	-
	-	-	-	-	-	-
	07/29/76	87	1.0	0.3	0.0	0.3
	-	-	-	-	-	-
98	-	-	-	-	-	-
	-	-	-	-	-	-
	07/05/76	74	1.0	2.5	1.0	3.5
	-	-	-	-	-	-
99	-	-	-	-	-	-
	-	-	-	-	-	-
	07/29/76	46	1.0	0.0	1.0	1.0
	07/18/77	45	10.3	10.3	10.3	20.6
100	-	-	-	-	-	-
	-	-	-	-	-	-
	07/29/76	31	1.0	4.0	1.5	5.5
	07/19/77	33	11.7	2.3	17.6	19.9
101	07/31/74	51	1.0	14.5	74.0	88.5
	-	-	-	-	-	-
	07/29/76	34	0.0	2.0	1.5	3.5
	-	-	-	-	-	-

APPENDIX TABLE 3.--(continued)

Station	Date Gear picked <sup>1</sup>	Avg. Depth (fms)	R.I.V. ≥ 140	Average catch per pot		Total
				< 140	≥ 140	
102	07/31/74	53	1.0	10.2	111.0	121.2
	-	-	-	-	-	-
	07/29/76	35	0.0	11.0	7.0	18.0
103	-	-	-	-	-	-
	07/31/74	37	1.0	6.0	23.0	29.0
	07/29/76	22	0.0	1.2	0.7	1.9
	07/18/77	29	0.0	17.6	1.3	18.9
104	07/31/74	38	1.0	8.5	35.5	44.0
	-	-	-	-	-	-
	07/29/76	31	0.3	30.0	10.0	40.0
	07/19/77	39	0.4	3.0	13.6	16.6
105	07/31/74	48	1.0	14.5	93.2	107.7
	-	-	-	-	-	-
	07/29/76	32	0.0	16.7	1.7	18.4
	07/19/77	32	0.0	1.0	2.0	3.0
106	07/31/74	40	1.0	0.2	1.2	1.4
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
107	07/30/74	56	1.0	6.0	29.5	35.5
	-	-	-	-	-	-
	07/18/77	22	0.1	17.0	2.6	19.6
108	07/31/74	48	1.0	8.7	48.7	57.4
	-	-	-	-	-	-
	07/18/77	33	0.1	5.6	4.3	9.9
109	07/30/74	44	1.0	23.0	80.0	103.0
	07/25/75	77	0.2	7.0	20.5	27.5
	07/08/76	62	0.6	12.0	53.0	65.0
	07/16/77	48	0.2	10.3	20.0	30.3
110	07/30/74	50	1.0	7.5	60.7	68.2
	-	-	-	-	-	-
	07/18/77	12	0.0	22.3	1.3	23.6
111	07/30/74	52	1.0	7.2	66.2	73.4
	07/25/75	44	0.1	4.7	7.0	11.7
	-	-	-	-	-	-
	07/18/77	20	0.0	8.6	3.6	12.2

APPENDIX TABLE 3.--(continued)

Station	Date Gear picked <sup>1</sup>	Avg. Depth (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
112	07/30/74	55	1.0	5.7	31.5	37.2
	07/25/75	70	2.6	33.0	82.5	115.5
	07/08/76	59	1.7	14.0	53.2	67.2
	07/19/77	32	0.7	27.0	24.0	51.0
113	07/30/74	65	1.0	11.7	40.2	51.9
	07/25/75	42	0.7	25.5	29.2	54.7
	-	-	-	-	-	-
	07/19/77	42	0.9	17.6	38.6	56.2
115	07/30/74	47	1.0	31.2	44.0	75.2
	07/25/75	30	0.1	6.0	6.0	12.0
	-	-	-	-	-	-
	07/18/77	19	0.0	34.3	0.3	34.6
116	-	-	-	-	-	-
	07/05/75	47	1.0	7.7	18.2	25.9
	07/06/76	44	0.9	11.2	16.5	27.7
	07/18/77	29	0.2	7.6	4.3	11.9
117	-	-	-	-	-	-
	07/05/75	23	1.0	6.2	0.5	6.7
	07/06/76	17	3.0	2.2	1.5	3.7
	-	-	-	-	-	-
118	-	-	-	-	-	-
	07/05/75	50	1.0	7.2	21.5	28.7
	07/06/76	51	1.5	21.7	32.5	54.2
	07/18/77	17	0.1	21.3	1.3	22.6
119	-	-	-	-	-	-
	07/05/75	58	1.0	3.7	11.5	15.2
	07/06/76	59	3.6	11.2	41.7	52.9
	07/18/77	12	0.0	3.3	0.0	3.3
120	-	-	-	-	-	-
	-	-	1.0	-	-	-
	07/06/76	34	-	13.5	15.2	28.7
	-	-	-	-	-	-
122	-	-	-	-	-	-
	07/05/75	15	1.0	0.5	0.0	0.5
	07/06/76	15	1.5	2.0	0.5	2.5
	-	-	-	-	-	-
124	-	-	-	-	-	-
	07/06/75	42	1.0	11.7	11.5	23.2
	07/07/76	47	1.0	8.2	11.7	19.9
	-	-	-	-	-	-

APPENDIX TABLE 3 .--(continued)

Station	Date Gear picked <sup>1</sup>	Avg. Depth (fms)	R.I.V. ≥ 140	Average catch per pot		Total
				< 140	≥ 140	
125	-	-	-	-	-	-
	07/06/75	28	1.0	7.7	2.2	9.9
	07/07/76	25	2.2	13.7	5.0	18.7
127	-	-	-	-	-	-
	07/06/75	25	1.0	7.0	2.2	9.2
	07/08/76	25	1.8	7.5	4.0	11.5
128	-	-	-	-	-	-
	07/06/75	44	1.0	1.5	1.7	3.2
	07/07/76	40	4.8	5.0	8.2	13.2
129	-	-	-	-	-	-
	-	-	-	-	-	-
	07/12/77	26	1.0	14.2	19.2	33.4
130	-	-	-	-	-	-
	07/06/75	20	1.0	2.7	3.0	5.7
	07/07/76	20	0.5	10.0	1.7	11.7
131	-	-	-	-	-	-
	07/06/75	44	1.0	6.0	9.5	15.5
	07/07/76	49	4.8	34.0	45.5	79.5
132	-	-	-	-	-	-
	-	-	-	-	-	-
	07/12/77	63	1.0	5.7	16.7	22.4
133	-	-	-	-	-	-
	07/06/75	28	1.0	6.0	1.7	7.7
	07/07/76	20	5.3	10.2	9.0	19.2
134	-	-	-	-	-	-
	07/06/75	72	11.5	11.5	37.2	48.7
	07/12/77	47	18.5	18.5	12.5	31.0
135	-	-	-	-	-	-
	-	-	-	-	-	-
	07/12/77	44	0.0	0.0	0.0	0.0

APPENDIX TABLE 3.--(continued)

Station	Date Gear picked <sup>1</sup>	Avg. Depth (fms)	R.I.V. ≥ 140	Average catch per pot		Total
				< 140	≥ 140	
136	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/12/77	17	1.0	1.0	0.0	1.0
137	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/12/77	40	1.0	0.0	0.0	0.0
141	-	-	-	-	-	-
	07/08/75	14	1.0	26.7	0.0	26.7
	07/26/76	12	1.0	26.0	0.0	26.0
	07/12/77	20	0.0	0.0	0.0	0.0
142	-	-	-	-	-	-
	07/08/75	11	1.0	6.5	0.0	6.5
	-	-	-	-	-	-
	07/11/77	20	2.5	8.5	1.5	10.0
145	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/11/77	27	1.0	0.0	0.0	0.0
146	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/11/77	35	1.0	9.0	8.7	17.7
147	-	-	-	-	-	-
	07/08/75	15	1.0	30.7	2.0	32.7
	07/26/76	16	0.0	55.2	0.0	55.2
	07/11/77	36	19.0	13.0	38.0	51.0
150	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/11/77	19	1.0	3.0	0.5	3.5
151	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/11/77	54	1.0	5.2	14.2	19.4
152	-	-	-	-	-	-
	07/08/75	19	1.0	33.0	4.2	37.2
	07/26/76	17	1.3	30.7	5.7	36.4
	07/11/77	51	0.8	11.5	3.7	15.2

APPENDIX TABLE 3.--(continued)

Station	Date Gear picked <sup>1</sup>	Avg. Depth (fms)	R.I.V. ≥ 140	Average catch per pot		Total
				< 140	≥ 140	
153	-	-	-	-	-	-
	07/07/75	20	1.0	31.6	6.6	38.2
	07/26/76	25	1.0	19.7	6.5	26.2
	-	-	-	-	-	-
154	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/11/77	74	1.0	10.7	58.5	69.2
156	-	-	-	-	-	-
	07/08/75	10	1.0	14.0	0.2	14.2
	07/26/76	11	0.0	4.0	0.0	4.0
	-	-	-	-	-	-
157	-	-	-	-	-	-
	07/08/75	15	1.0	21.0	1.5	22.5
	07/26/76	15	0.3	43.7	0.5	44.2
	07/11/77	72	43.8	15.7	65.7	81.4
158	-	-	0	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/15/77	27	1.0	0.0	0.3	0.3
161	-	-	-	-	-	-
	07/07/75	32	1.0	19.5	18.0	37.5
	07/26/76	33	2.6	31.5	47.2	78.7
	07/15/77	35	0.1	2.3	1.6	3.9
162	-	-	-	-	-	-
	07/07/75	40	1.0	12.7	17.7	30.4
	07/27/76	34	3.1	31.2	55.7	86.9
	07/11/77	77	3.1	15.5	55.7	71.2
163	-	-	-	-	-	-
	07/07/75	39	1.0	10.2	23.0	33.2
	-	-	-	-	-	-
	-	-	-	-	-	-
166	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/15/77	53	1.0	6.6	15.3	21.9
171	-	-	-	-	-	-
	07/08/75	25	1.0	13.2	11.2	24.4
	07/26/76	22	0.2	23.2	2.5	25.7
	-	-	-	-	-	-

APPENDIX TABLE 3.--(continued)

Station	Date Gear picked <sup>1</sup>	Avg. Depth (fms)	R.I.V. ≥ 140	Average catch per pot		Total
				< 140	≥ 140	
173	-	-	-	-	-	-
	07/07/75	35	1.0	14.7	31.7	46.4
	-	-	-	-	-	-
	-	-	-	-	-	-
175	-	-	-	-	-	-
	-	-	-	-	-	-
	07/27/76	40	1.0	12.7	48.0	60.7
	-	-	-	-	-	-
181	-	-	-	-	-	-
	07/07/75	45	1.0	13.7	39.5	53.2
	07/26/76	44	1.5	15.7	59.5	75.2
	-	-	-	-	-	-
186	-	-	-	-	-	-
	07/08/75	51	1.0	18.7	40.2	58.9
	-	-	-	-	-	-
	-	-	-	-	-	-
193	-	-	-	-	-	-
	07/07/75	57	1.0	15.0	55.0	70.0
	07/27/76	55	0.7	7.2	41.0	48.2
	-	-	-	-	-	-
194	-	-	-	-	-	-
	07/07/75	65	1.0	8.0	50.5	58.5
	07/27/76	58	1.1	9.7	58.7	68.4
	-	-	-	-	-	-
233	-	-	-	-	-	-
	-	-	-	-	-	-
	07/25/76	25	1.0	15.2	65.0	80.2
	-	-	-	-	-	-
235	-	-	-	-	-	-
	-	-	-	-	-	-
	07/25/76	42	1.0	8.5	36.2	44.7
	-	-	-	-	-	-
237	-	-	-	-	-	-
	07/09/75	33	1.0	8.5	31.0	39.5
	07/25/76	46	1.4	9.0	43.2	52.2
	-	-	-	-	-	-
238	-	-	-	-	-	-
	07/09/75	44	1.0	12.5	72.0	84.5
	07/25/76	26	0.4	9.2	28.5	37.7
	-	-	-	-	-	-

APPENDIX TABLE 3 .--(continued)

Station	Date Gear picked <sup>1</sup>	Avg. Depth (fms)	R.I.V. ≥ 140	Average catch per pot		Total
				< 140	≥ 140	
239	-	-	-	-	-	-
	07/09/75	53	1.0	11.7	65.0	76.7
	07/25/76	51	0.7	10.5	48.0	58.5
	-	-	-	-	-	-
241	-	-	-	-	-	-
	07/09/75	50	1.0	32.5	110.0	142.5
	07/25/76	48	0.5	19.5	53.2	72.7
	-	-	-	-	-	-
242	-	-	-	-	-	-
	07/19/75	30	1.0	11.7	16.2	27.9
	07/10/76	27	1.3	27.0	22.0	49.0
	-	-	-	-	-	-
243	-	-	-	-	-	-
	07/09/75	45	1.0	12.5	50.7	63.2
	07/24/76	49	1.4	26.5	72.5	99.0
	-	-	-	-	-	-
245	-	-	-	-	-	-
	07/19/75	21	1.0	7.5	7.7	15.2
	-	-	-	-	-	-
	-	-	-	-	-	-
247	-	-	-	-	-	-
	07/19/75	42	1.0	4.0	17.7	21.7
	07/10/76	34	0.8	8.2	14.7	22.9
	-	-	-	-	-	-
249	-	-	-	-	-	-
	07/09/75	50	1.0	19.0	61.7	80.7
	-	-	-	-	-	-
	-	-	-	-	-	-
251	-	-	-	-	-	-
	07/19/75	34	1.0	2.7	8.7	11.4
	07/10/76	34	0.6	5.0	5.7	10.7
	-	-	-	-	-	-
252	-	-	-	-	-	-
	07/19/75	21	1.0	4.0	2.5	6.5
	07/10/76	23	1.4	29.2	3.5	32.7
	-	-	-	-	-	-
253	-	-	-	-	-	-
	07/09/75	45	1.0	15.0	36.0	51.0
	07/10/76	36	1.7	26.2	61.0	87.2
	-	-	-	-	-	-

APPENDIX TABLE 3.--(continued)

Station	Date Gear picked <sup>1</sup>	Avg. Depth (fms)	R.I.V. ≥ 140	Average catch per pot		Total
				< 140	≥ 140	
254	-	-	-	-	-	-
	07/19/75	28	1.0	1.7	9.0	10.7
	07/10/76	18	0.6	4.3	5.6	9.9
256	-	-	-	-	-	-
	07/19/75	22	1.0	8.5	2.7	11.2
	07/10/76	26	1.4	38.7	3.7	42.4
257	-	-	-	-	-	-
	07/09/75	32	1.0	7.2	27.7	34.9
	07/10/76	22	0.5	11.2	15.2	26.4
262	-	-	-	-	-	-
	07/18/75	21	1.0	14.7	22.0	36.7
	-	-	-	-	-	-
263	-	-	-	-	-	-
	07/18/75	25	1.0	6.0	1.5	7.5
	07/23/76	28	10.6	63.2	16.0	79.2
264	-	-	-	-	-	-
	07/18/75	24	1.0	4.7	2.5	7.2
	07/23/76	25	4.8	70.7	12.2	82.9
265	-	-	-	-	-	-
	07/18/75	32	1.0	11.5	2.5	14.0
	-	-	-	-	-	-
266	-	-	-	-	-	-
	07/18/75	43	1.0	5.0	3.0	8.0
	07/23/76	42	1.6	24.7	5.0	29.7
267	-	-	-	-	-	-
	07/18/75	32	1.0	11.0	7.0	18.0
	07/23/76	33	1.5	52.5	10.5	63.0
268	-	-	-	-	-	-
	07/18/75	31	1.0	4.2	0.7	4.9
	07/23/76	33	12.4	36.0	8.7	44.7

APPENDIX TABLE 3 .--(continued)

Station	Date Gear picked <sup>1</sup>	Avg. Depth (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
269	-	-	-	-	-	-
	07/18/75	37	1.0	9.5	4.5	14.0
	07/23/76	34	3.4	45.0	15.5	60.5
	-	-	-	-	-	-
272	-	-	-	-	-	-
	07/17/75	62	1.0	3.2	40.2	43.4
	-	-	-	-	-	-
	-	-	-	-	-	-
274	-	-	-	-	-	-
	07/17/75	41	1.0	5.5	10.7	16.2
	-	-	-	-	-	-
	-	-	-	-	-	-
276	-	-	-	-	-	-
	07/17/75	41	1.0	7.0	17.2	24.2
	-	-	-	-	-	-
	-	-	-	-	-	-
279	-	-	-	-	-	-
	07/17/75	23	1.0	22.5	17.0	39.5
	-	-	-	-	-	-
	-	-	-	-	-	-
283	-	-	-	-	-	-
	07/17/75	21	1.0	15.5	27.7	43.2
	-	-	-	-	-	-
	-	-	-	-	-	-
284	-	-	-	-	-	-
	07/17/75	30	1.0	25.7	35.7	61.4
	-	-	-	-	-	-
	-	-	-	-	-	-
290	-	-	-	-	-	-
	07/17/75	15	1.0	6.2	0.2	6.4
	-	-	-	-	-	-
	-	-	-	-	-	-
291	-	-	-	-	-	-
	07/17/75	27	1.0	27.2	32.2	59.4
	-	-	-	-	-	-
	-	-	-	-	-	-
305	-	-	-	-	-	-
	07/16/75	37	1.0	23.2	33.5	56.7
	-	-	-	-	-	-
	-	-	-	-	-	-

APPENDIX TABLE 3.--(continued)

Station	Date Gear picked <sup>1</sup>	Avg. Depth (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
310	-	-	-	-	-	-
	07/16/75	48	1.0	18.0	28.5	46.5
	-	-	-	-	-	-
	-	-	-	-	-	-
311	-	-	-	-	-	-
	07/16/75	49	1.0	25.5	42.0	67.5
	-	-	-	-	-	-
	-	-	-	-	-	-
317	-	-	-	-	-	-
	07/16/75	29	1.0	5.5	1.2	6.7
	-	-	-	-	-	-
	-	-	-	-	-	-
318	-	-	-	-	-	-
	07/16/75	44	1.0	31.5	30.2	61.7
	-	-	-	-	-	-
	-	-	-	-	-	-
319	-	-	-	-	-	-
	07/16/75	43	1.0	11.7	20.0	31.7
	-	-	-	-	-	-
	-	-	-	-	-	-
323	-	-	-	-	-	-
	07/16/75	20	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
324	-	-	-	-	-	-
	07/16/75	32	1.0	4.2	5.7	9.9
	-	-	-	-	-	-
	-	-	-	-	-	-
330	-	-	-	-	-	-
	07/14/75	40	1.0	5.2	71.0	76.2
	07/17/76	42	1.1	5.0	80.0	85.0
	-	-	-	-	-	-
331	-	-	-	-	-	-
	07/14/75	48	1.0	6.7	25.7	32.4
	07/17/76	48	3.9	10.7	101.0	111.7
	-	-	-	-	-	-
333	-	-	-	-	-	-
	07/14/75	19	1.0	0.0	0.5	0.5
	07/17/76	42	81.0	9.2	40.5	49.7
	-	-	-	-	-	-

APPENDIX TABLE 3.--(continued)

Station	Date Gear picked <sup>1</sup>	Avg. Depth (fms)	R.I.V. ≥ 140	Average catch per pot		Total
				< 140	≥ 140	
334	-	-	-	-	-	-
	07/14/75	44	1.0	18.0	67.2	85.2
	07/17/76	43	1.2	22.7	78.0	100.7
335	-	-	-	-	-	-
	07/17/76	45	1.0	19.5	84.7	104.2
	-	-	-	-	-	-
336	-	-	-	-	-	-
	07/14/75	40	1.0	12.2	30.5	42.7
	-	-	-	-	-	-
337	-	-	-	-	-	-
	07/14/75	47	1.0	2.5	29.2	31.7
	07/17/76	46	1.8	11.5	54.7	66.2
340	-	-	-	-	-	-
	07/14/75	50	1.0	2.7	41.7	44.4
	07/17/76	45	0.6	12.0	27.0	39.0
341	-	-	-	-	-	-
	07/14/75	30	1.0	1.2	1.7	2.9
	-	-	-	-	-	-
342	-	-	-	-	-	-
	07/17/76	31	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
376	-	-	-	-	-	-
	07/22/76	36	1.0	85.0	56.5	141.5
	-	-	-	-	-	-
378	-	-	-	-	-	-
	07/22/76	30	1.0	54.5	34.0	88.5
	-	-	-	-	-	-
379	-	-	-	-	-	-
	07/22/76	35	1.0	42.7	73.7	116.4
	-	-	-	-	-	-

APPENDIX TABLE 3.--(continued)

Station	Date Gear picked <sup>1</sup>	Avg. Depth (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
489	-	-	-	-	-	-
	-	-	-	-	-	-
	07/26/76	36	1.0	12.2	13.7	25.9
	-	-	-	-	-	-
490	-	-	-	-	-	-
	-	-	-	-	-	-
	07/27/76	55	1.0	11.0	80.7	91.7
	-	-	-	-	-	-
491	-	-	-	-	-	-
	-	-	-	-	-	-
	07/27/76	28	1.0	5.5	8.7	14.2
	-	-	-	-	-	-
492	-	-	-	-	-	-
	-	-	-	-	-	-
	07/27/76	40	1.0	4.0	47.5	51.5
	-	-	-	-	-	-
494	-	-	-	-	-	-
	-	-	-	-	-	-
	07/25/76	46	1.0	28.2	90.0	118.2
	-	-	-	-	-	-
495	-	-	-	-	-	-
	-	-	-	-	-	-
	07/25/76	51	1.0	41.2	82.7	123.9
	-	-	-	-	-	-
496	-	-	-	-	-	-
	-	-	-	-	-	-
	07/24/76	36	1.0	14.2	27.2	42.4
	-	-	-	-	-	-
497	-	-	-	-	-	-
	-	-	-	-	-	-
	07/23/76	45	1.0	70.5	22.7	93.2
	-	-	-	-	-	-
498	-	-	-	-	-	-
	-	-	-	-	-	-
	07/22/76	35	1.0	7.7	3.7	11.4
	-	-	-	-	-	-
499	-	-	-	-	-	-
	-	-	-	-	-	-
	07/23/76	48	1.0	21.2	20.5	41.7
	-	-	-	-	-	-

APPENDIX TABLE 3.--(continued)

Station	Gear picked <sup>1</sup>	Depth (fms)	R.I.V. ≥ 140	Average catch per pot		Total
				< 140	≥ 140	
500	-	-	-	-	-	-
	-	-	-	-	-	-
	07/07/76	47	1.0	7.7	4.7	12.4
	-	-	-	-	-	-

<sup>1</sup>A dash means not fished that year.

APPENDIX TABLE 4.--Ocean station collection and catch data for male Tanner crab (*C. bairdi*), 1974-1977 Population Index Studies, Sand Point

Station	Date Gear picked <sup>1</sup>	Avg. Depth (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
584	-	-	-	-	-	-
	07/04/75	22-70	1.0	7.2	16.8	24.0
	-	-	-	-	-	-
	-	-	-	-	-	-
596	-	-	-	-	-	-
	07/04/75	60-82	1.0	4.1	10.8	14.9
	-	-	-	-	-	-
	-	-	-	-	-	-
598	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	07/21/77	27-53	1.0	9.8	23.9	33.7
599	-	-	-	-	-	-
	-	-	-	-	-	-
	07/08/76	30-42	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
601	07/11/74	36-73	1.0	36.1	16.9	53.0
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
602	07/13/74	57-102	1.0	7.4	47.5	54.9
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
603	07/20/74	77-102	1.0	4.2	21.7	25.9
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
604	07/20/74	66-68	1.0	0.5	1.9	2.4
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
605	07/19/74	43-51	1.0	0.8	0.5	1.3
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-

APPENDIX TABLE 4.--(continued)

Station	Date Gear picked <sup>1</sup>	Avg. Depth (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
606	07/19/74	53-67	1.0	13.3	62.3	77.6
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
607	07/15/74	37-38	1.0	8.6	2.3	10.9
	07/04/75	98-102	11.2	5.4	25.8	31.2
	-	-	-	-	-	-
	-	-	-	-	-	-
608	07/17/74	39-44	1.0	13.4	40.5	53.9
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
609	07/18/74	40-46	1.0	3.2	4.4	7.6
	-	-	-	-	-	-
	07/28/76	25-92	1.8	6.5	8.2	14.7
	-	-	-	-	-	-
610	07/15/74	49-52	1.0	6.8	8.8	15.6
	-	-	-	-	-	-
	07/28/76	30-47	0.1	1.0	0.6	1.6
	-	-	-	-	-	-
611	07/17/74	48-54	1.0	13.8	51.0	64.8
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
612	07/17/74	57-60	1.0	18.4	44.7	53.1
	07/24/75	26-47	0.1	0.6	4.3	4.9
	-	-	-	-	-	-
	-	-	-	-	-	-
613	07/16/74	54-58	1.0	7.6	23.5	31.1
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
614	07/16/74	57-61	1.0	5.7	19.5	25.2
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-

APPENDIX TABLE 4.--(continued)

Station	Date Gear picked <sup>1</sup>	Avg. Depth (fms)	R.I.V. ≥ 140	Average catch per pot		Total
				< 140	≥ 140	
615	07/15/74	51-54	1.0	2.1	2.2	4.3
	07/23/75	44-45	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
616	-	-	-	-	-	-
	07/22/75	55-57	1.0	0.4	0.0	0.4
	-	-	-	-	-	-
621	-	-	-	-	-	-
	-	-	-	-	-	-
	07/05/76	23-62	1.0	11.3	7.6	18.9
622	-	-	-	-	-	-
	08/01/74	79-80	1.0	1.8	28.1	29.9
	-	-	-	-	-	-
623	-	-	-	-	-	-
	07/05/76	18-58	0.0	1.4	1.9	3.3
	-	-	-	-	-	-
623	08/01/74	76-54	1.0	1.8	3.5	5.3
	07/25/75	38-102	3.2	2.5	11.3	13.8
	07/08/76	38-109	7.3	9.8	23.6	33.4
	-	-	-	-	-	-
624	-	-	-	-	-	-
	08/01/74	76-78	1.0	2.1	18.8	20.9
	-	-	-	-	-	-
625	-	-	-	-	-	-
	07/08/76	32-89	0.1	1.1	3.2	4.3
	-	-	-	-	-	-
625	08/02/74	62-78	1.0	0.0	0.0	0.0
	07/24/75	42-75	43.7	9.6	42.7	52.3
	-	-	-	-	-	-
626	-	-	-	-	-	-
	07/23/75	38-39	1.0	5.9	4.8	10.7
	-	-	-	-	-	-
627	-	-	-	-	-	-
	08/02/74	36-58	1.0	0.0	0.0	0.0
	07/23/75	40-42	9.8	0.0	8.8	17.8
627	-	-	-	-	-	-
	07/20/77	56-64	39.8	8.5	38.8	47.3

APPENDIX TABLE 4.--(continued)

Station	Date Gear picked <sup>1</sup>	Avg. Depth (fms)	R.I.V. ≥ 140	Average catch per pot		Total
				< 140	≥ 140	
628	08/02/74	40-65	1.0	0.0	0.0	0.0
	07/22/75	54-58	8.9	4.2	7.9	12.1
	-	-	-	-	-	-
633	-	-	-	-	-	-
	07/05/75	44-75	1.0	10.5	25.8	36.3
	07/05/76	52-76	1.0	7.7	26.0	33.7
634	-	-	-	-	-	-
	-	-	-	-	-	-
	07/08/76	25-36	1.0	0.0	0.0	0.0
635	-	-	-	-	-	-
	07/24/75	45-58	1.0	3.5	32.6	36.1
	-	-	-	-	-	-
636	-	-	-	-	-	-
	07/21/75	46-50	1.0	5.0	15.0	20.0
	-	-	-	-	-	-
637	-	-	-	-	-	-
	07/22/75	61-62	1.0	7.5	44.3	51.8
	07/17/77	53-56	0.9	8.5	42.3	50.8
643	-	-	-	-	-	-
	-	-	-	-	-	-
	07/06/76	16-23	1.0	0.2	0.4	0.6
649	-	-	-	-	-	-
	-	-	-	-	-	-
	07/17/77	20-32	1.0	11.1	34.3	45.1
653	-	-	-	-	-	-
	-	-	-	-	-	-
	07/09/76	34-58	1.0	3.3	3.1	6.4
-	-	-	-	-	-	

APPENDIX TABLE 4--(continued)

Station	Date Gear picked <sup>1</sup>	Depth Range (fms)	R.T.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
654	-	-	-	-	-	-
	-	-	-	-	-	-
	07/09/76	46-52	1.0	7.1	14.2	21.3
	-	-	-	-	-	-
655	-	-	-	-	-	-
	07/21/75	41-51	1.0	1.7	15.4	17.1
	-	-	-	-	-	-
	-	-	-	-	-	-
660	-	-	-	-	-	-
	-	-	-	-	-	-
	07/17/77	29-32	1.0	17.7	68.6	86.3
662	-	-	-	-	-	-
	-	-	-	-	-	-
	07/07/76	13-64	1.0	17.7	68.6	86.3
	-	-	-	-	-	-
665	-	-	-	-	-	-
	-	-	-	-	-	-
	07/09/76	33-68	1.0	7.3	13.4	20.7
	-	-	-	-	-	-
666	-	-	-	-	-	-
	-	-	-	-	-	-
	07/09/76	37-62	1.0	6.2	21.3	27.5
	-	-	-	-	-	-
672	-	-	-	-	-	-
	-	-	-	-	-	-
	07/13/77	31-40	1.0	25.8	63.1	88.9
679	-	-	-	-	-	-
	07/21/75	52-62	1.0	4.7	32.7	37.4
	-	-	-	-	-	-
	-	-	-	-	-	-
683	-	-	-	-	-	-
	-	-	-	-	-	-
	07/13/77	16-29	1.0	0.1	0.0	0.1

APPENDIX TABLE 4.--(continued)

Station	Date Gear picked <sup>1</sup>	Depth Range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
684	-	-	-	-	-	-
	-	-	-	-	-	-
	07/13/77	25-35	1.0	0.1	0.3	0.4
697	-	-	-	-	-	-
	07/20/75	20-34	1.0	7.6	11.0	18.6
	-	-	-	-	-	-
	-	-	-	-	-	-
701	07/09/74	33-73	1.0	2.9	12.5	15.4
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
702	07/10/74	92-97	1.0	18.6	36.9	55.5
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
703	07/11/74	36-45	1.0	0.1	4.6	4.7
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
704	07/12/74	32-66	1.0	0.3	1.2	10.5
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
705	07/12/74	39-69	1.0	22.8	10.0	32.8
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
706	07/12/74	32-105	1.0	2.4	2.1	4.5
	07/20/75	54-58	25.0	5.8	52.5	58.3
	-	-	-	-	-	-
	-	-	-	-	-	-
707	07/13/74	31-115	1.0	7.6	15.3	22.9
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-

APPENDIX TABLE 4.--(continued)

Station	Date Gear picked <sup>1</sup>	Depth Range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
708	07/13/74	27-35	1.0	4.6	0.0	4.6
	-	-	-	-	-	-
	07/24/76	34-63	25.7	7.7	24.7	32.4
	-	-	-	-	-	-
709	07/20/74	60-78	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
710	07/18/74	49-73	1.0	2.3	10.3	12.6
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
711	07/18/74	42-70	1.0	3.9	6.6	10.5
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
712	07/16/74	37-58	1.0	1.6	1.3	2.9
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
713	07/11/74	29-104	1.0	13.4	10.2	23.6
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
714	07/19/74	56-63	1.0	43.3	8.1	51.4
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
717	-	-	-	-	-	-
	07/20/75	56-59	1.0	5.9	33.5	39.4
	-	-	-	-	-	-
	-	-	-	-	-	-
718	-	-	-	-	-	-
	-	-	-	-	-	-
	07/24/76	29-52	1.0	7.5	16.6	24.1
	-	-	-	-	-	-

APPENDIX TABLE 4.--(continued)

Station	Date Gear picked <sup>1</sup>	Depth Range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
720	-	-	-	-	-	-
	-	-	-	-	-	-
	07/15/77	47-108	1.0	5.0	25.4	30.4
721	-	-	-	-	-	-
	-	-	-	-	-	-
	07/14/77	37-123	1.0	0.9	8.4	9.2
722	-	-	-	-	-	-
	-	-	-	-	-	-
	07/14/77	41-79	1.0	6.3	11.7	18.0
727	-	-	-	-	-	-
	-	-	-	-	-	-
	07/24/76	26-43	1.0	9.6	18.7	28.3
	-	-	-	-	-	-
732	-	-	-	-	-	-
	-	-	-	-	-	-
	07/15/77	30-113	1.0	0.4	2.7	3.1
733	-	-	-	-	-	-
	-	-	-	-	-	-
	07/14/77	24-46	1.0	0.0	0.0	0.0
737	-	-	-	-	-	-
	-	-	-	-	-	-
	07/11/76	24-42	1.0	13.6	22.3	35.9
	-	-	-	-	-	-
747	-	-	-	-	-	-
	07/12/75	28-51	1.0	3.2	5.2	8.4
	07/11/76	23-50	4.9	33.0	25.5	58.5
	-	-	-	-	-	-
748	-	-	-	-	-	-
	07/12/75	30-46	1.0	4.0	20.4	24.4
	07/11/76	26-43	2.6	44.4	52.7	97.1
	-	-	-	-	-	-

APPENDIX TABLE 4.--(continued)

Station	Date Gear picked <sup>1</sup>	Depth Range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
760	-	-	-	-	-	-
	-	-	-	-	-	-
	07/15/76	77-79	1.0	2.9	62.3	65.2
	-	-	-	-	-	-
768	-	-	-	-	-	-
	-	-	-	-	-	-
	07/15/76	80-81	1.0	3.5	27.9	31.4
	-	-	-	-	-	-
775	-	-	-	-	-	-
	-	-	-	-	-	-
	07/16/76	40-78	1.0	18.1	25.7	43.8
	-	-	-	-	-	-
776	-	-	-	-	-	-
	-	-	-	-	-	-
	07/15/76	32-75	1.0	0.5	0.1	0.6
	-	-	-	-	-	-
777	-	-	-	-	-	-
	07/13/75	70-87	1.0	1.7	8.1	9.8
	07/15/76	65-87	1.3	4.8	11.0	15.8
	-	-	-	-	-	-
783	-	-	-	-	-	-
	-	-	-	-	-	-
	07/16/76	35-56	1.0	10.6	13.8	24.4
	-	-	-	-	-	-
784	-	-	-	-	-	-
	07/13/75	20-60	1.0	5.0	1.5	6.5
	07/16/76	33-59	1.2	2.4	1.9	4.3
	-	-	-	-	-	-
785	-	-	-	-	-	-
	07/13/75	43-75	1.0	2.0	5.2	7.2
	-	-	-	-	-	-
	-	-	-	-	-	-
787	-	-	-	-	-	-
	07/12/75	24-42	1.0	1.4	4.6	6.0
	-	-	-	-	-	-
	-	-	-	-	-	-

APPENDIX TABLE 4 .--(continued)

Station	Date Gear picked <sup>1</sup>	Depth Range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
790	-	-	-	-	-	-
	-	-	-	-	-	-
	07/14/76	21-29	1.0	4.7	8.2	12.9
	-	-	-	-	-	-
791	-	-	-	-	-	-
	-	-	-	-	-	-
	07/14/76	25-44	1.0	2.1	4.7	6.8
	-	-	-	-	-	-
792	-	-	-	-	-	-
	-	-	-	-	-	-
	07/16/76	27-40	1.0	4.4	1.2	5.6
	-	-	-	-	-	-
798	-	-	-	-	-	-
	-	-	-	-	-	-
	07/15/75	40-69	1.0	3.8	27.3	31.1
	-	-	-	-	-	-
	-	-	-	-	-	-
799	-	-	-	-	-	-
	-	-	-	-	-	-
	07/15/75	24-44	1.0	0.7	19.8	20.5
	07/14/76	25-47	0.4	0.9	8.4	9.2
	-	-	-	-	-	-
800	-	-	-	-	-	-
	-	-	-	-	-	-
	07/14/76	26-54	1.0	7.7	23.0	30.7
	-	-	-	-	-	-
808	-	-	-	-	-	-
	-	-	-	-	-	-
	07/15/75	16-54	1.0	5.1	19.6	24.7
	-	-	-	-	-	-
	-	-	-	-	-	-
817	-	-	-	-	-	-
	-	-	-	-	-	-
	07/22/76	30-38	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
825	-	-	-	-	-	-
	-	-	-	-	-	-
	07/22/76	55-58	1.0	20.5	21.4	41.9
	-	-	-	-	-	-

APPENDIX TABLE 4 .--(continued)

Station	Date Gear picked <sup>1</sup>	Depth Range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
837	-	-	-	-	-	-
	07/18/76	43-55	1.0	13.6	13.7	27.3
838	-	-	-	-	-	-
	07/19/76	53-58	1.0	12.6	6.8	19.4
839	-	-	-	-	-	-
	07/18/76	42-46	1.0	22.2	15.2	37.4
840	-	-	-	-	-	-
	07/19/76	52-56	1.0	22.9	10.3	33.2
847	-	-	-	-	-	-
	07/18/76	47-50	1.0	11.8	4.9	16.7
848	-	-	-	-	-	-
	07/19/76	41-43	1.0	2.0	0.5	2.5
849	-	-	-	-	-	-
	07/20/76	60-61	1.0	3.2	2.2	5.4
855	-	-	-	-	-	-
	07/21/76	35-39	1.0	7.3	1.4	8.7
856	-	-	-	-	-	-
	07/21/76	41-60	1.0	8.2	4.6	12.8

APPENDIX TABLE 4.--(continued)

Station	Date Gear picked <sup>1</sup>	Depth Range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
857	-	-	-	-	-	-
	-	-	-	-	-	-
	07/20/76	52-57	1.0	10.6	14.8	25.4
	-	-	-	-	-	-
858	-	-	-	-	-	-
	-	-	-	-	-	-
	07/20/76	37-60	1.0	3.5	2.2	5.7
	-	-	-	-	-	-
864	-	-	-	-	-	-
	-	-	-	-	-	-
	07/21/76	44-52	1.0	29.8	22.5	52.3
	-	-	-	-	-	-
866	-	-	-	-	-	-
	-	-	-	-	-	-
	07/20/76	49-52	1.0	32.4	37.8	70.2
	-	-	-	-	-	-
905	-	-	-	-	-	-
	-	-	-	-	-	-
	07/18/76	20-53	1.0	37.1	13.1	50.2
	-	-	-	-	-	-

<sup>1</sup>A dash means not fished that year.

APPENDIX TABLE 5.-- Bay station collection and catch data and associated relative index value for male Tanner crab (*C. bairdi*), 1975-1977 Population Index Studies, Dutch Harbor.

Station <sup>1</sup>	Date gear picked <sup>2</sup>	Avg. depth (fms)	R.I.V. ≥ 140	Average catch per pot		Total
				< 140	≥ 140	
20	-	-	-	-	-	-
(401)	-	-	-	-	-	-
	08/21/77	34	1.0	0.0	0.0	0.0
23	09/03/75	34	1.0	0.0	0.0	0.0
(406)	-	-	-	-	-	-
	08/21/77	37	1.0	0.0	0.0	0.0
25	09/03/75	42	1.0	0.0	0.0	0.0
(411)	-	-	-	-	-	-
	08/21/77	39	1.0	0.0	0.0	0.0
34	-	-	-	-	-	-
	-	-	-	-	-	-
	08/21/77	59	1.0	0.0	0.0	0.0
35	-	-	-	-	-	-
	-	-	-	-	-	-
	08/20/77	61	1.0	0.0	0.0	0.0
37	-	-	-	-	-	-
	-	-	-	-	-	-
	08/21/77	93	1.0	0.0	0.0	0.0
39	08/29/75	57	1.0	0.0	0.0	0.0
(419)	-	-	-	-	-	-
	08/20/77	62	1.0	0.0	0.0	0.0
42	08/29/75	42	1.0	9.2	21.5	30.7
(432)	-	-	-	-	-	-
	08/20/77	43	0.0	0.0	0.0	0.0
51	-	-	-	-	-	-
(457)	-	-	-	-	-	-
	08/17/77	43	1.0	0.0	0.0	0.0
54	-	-	-	-	-	-
(459)	-	-	-	-	-	-
	08/17/77	33	1.0	18.2	21.7	39.9
57	08/27/75	46	1.0	69.5	18.2	87.7
(475)	09/10/76	43	0.4	18.5	7.5	26.0
	08/17/77	49	1.0	44.5	19.0	63.5

APPENDIX TABLE 5.-- (continued)

Station <sup>1</sup>	Date gear picked <sup>2</sup>	Avg. depth (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
58 (472)	- - 08/17/77	- - 46	- - 1.0	- - 2.7	- - 3.0	- - 5.7
59 (474)	- 09/10/76 08/17/77	- 44 51	- 1.0 3.7	- 36.0 78.5	- 32.5 121.0	- 68.5 199.5
60 (485)	- - 08/17/77	- - 53	- - 1.0	- - 50.2	- - 67.7	- - 117.9
61 (487)	- - 08/17/77	- - 30	- - 1.0	- - 62.7	- - 39.5	- - 102.2
62 (494)	- - 08/17/77	- - 43	- - 1.0	- - 35.0	- - 40.0	- - 75.0
77 (577)	09/15/75 08/25/76 08/12/77	47 47 49	1.0 1.0 1.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0
80 (585)	09/15/75 08/25/76 08/12/77	49 43 49	1.0 1.0 1.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0
81 (589)	09/15/75 08/25/76 08/12/77	47 48 33	1.0 0.2 0.8	8.0 1.2 12.2	8.0 2.2 6.5	16.0 3.4 18.7
82 (633)	09/15/75 08/25/76 08/12/77	38 38 44	1.0 1.0 1.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0
83 (590)	- - 08/12/77	- - 21	- - 1.0	- - 4.7	- - 3.0	- - 7.7
84 (596)	- - 08/12/77	- - 45	- - 1.0	- - 0.2	- - 0.0	- - 0.2
86 (603)	08/24/75 08/17/76 08/11/77	42 50 44	1.0 0.6 0.0	5.2 9.7 0.7	11.0 6.7 0.7	16.2 16.4 1.4

APPENDIX TABLE 5.-- (continued)

Station <sup>1</sup>	Date gear picked <sup>2</sup>	Avg. depth (fms)	R.I.V. $\geq$ 140	Average catch per pot		
				< 140	$\geq$ 140	Total
88	08/24/75	57	1.0	25.2	38.0	63.2
(602)	08/18/76	60	0.0	1.7	0.5	2.2
	08/12/77	45	0.0	1.2	0.5	1.7
89	-	-	-	-	-	-
(604)	-	-	-	-	-	-
	08/11/77	42	1.0	1.2	3.7	4.9
90	08/24/75	74	1.0	16.2	104.0	120.2
(613)	08/18/76	83	0.6	11.5	66.0	77.5
	08/11/77	81	0.3	5.2	29.0	34.2
92	08/24/75	94	1.0	14.7	69.5	84.2
(612)	08/18/76	60	1.0	35.0	67.2	102.2
	08/12/77	105	0.5	14.0	36.7	50.7
93	08/23/75	59	1.0	2.0	28.0	30.0
(614)	08/17/76	61	1.0	12.5	27.0	39.5
	08/11/77	59	0.0	0.2	0.5	0.7
95	-	-	-	-	-	-
(620)	08/18/76	93	1.0	4.2	75.0	79.2
	08/11/77	74	0.1	3.0	7.7	10.7
97	-	-	-	-	-	-
	-	-	-	-	-	-
	08/11/77	42	1.0	16.0	28.0	44.0
98	08/24/75	81	1.0	3.5	15.0	18.5
(619)	08/18/76	60	0.3	2.5	4.0	6.5
	08/12/77	48	0.6	9.0	9.5	18.5
99	08/23/75	47	1.0	3.5	12.5	16.0
(623)	08/17/76	64	1.8	3.0	23.2	26.2
	08/11/77	61	1.4	1.7	18.0	19.7
100	-	-	-	-	-	-
	-	-	-	-	-	-
	08/11/77	34	1.0	8.6	7.3	15.9
101	-	-	-	-	-	-
	-	-	-	-	-	-
	08/11/77	45	1.0	0.0	1.0	1.0
102	08/23/75	45	1.0	5.0	11.2	16.2
(624)	08/17/76	40	0.9	9.2	10.5	19.7
	08/11/77	36	0.1	3.0	0.7	3.7

APPENDIX TABLE 5.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	(fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
167 (790)	- - 08/08/77	- - 36	- - 1.0	- - 1.6	- - 1.6	- - 3.2
168 (794)	- - 08/08/77	- - 57	- - 1.0	- - 0.0	- - 0.0	- - 0.0
169 (795)	- - 08/08/77	- - 48	- - 1.0	- - 7.0	- - 20.0	- - 27.0
216 (471)	07/07/75 08/20/76 08/22/77	40 38 46	1.0 1.0 1.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0
217 (470)	- 08/20/76 08/22/77	- 47 34	- 1.0 1.0	- 0.0 0.0	- 0.0 0.0	- 0.0 0.0
218 (478)	09/07/75 - 08/22/77	45 - 51	1.0 - 1.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
219 (483)	- 08/20/76 08/22/77	- 39 31	- 1.0 1.0	- 0.0 0.0	- 0.0 0.0	- 0.0 0.0
220 (NCS)	- - 08/23/77	- - 54	- - 1.0	- - 0.0	- - 0.0	- - 0.0
221 (489)	09/07/75 - 08/22/77	57 - 54	1.0 - 1.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
222 (492)	- 08/20/76 08/22/77	- 48 30	0 1.0 0.0	0 2.0 0.0	0 0.5 0.0	0 2.5 0.0
223 (NCS)	- - 08/23/77	- - 33	- - 1.0	- - 0.0	- - 0.0	- - 0.0
224 (500)	- - 08/22/77	- - 35	- - 1.0	- - 0.0	- - 0.0	- - 0.0

APPENDIX TABLE 5.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Avg. depth (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
425	08/25/75	66	1.0	0.0	0.0	0.0
	08/26/76	66	8.7	6.2	7.7	13.9
	-	-	-	-	-	-
426	08/29/75	48	1.0	0.5	2.7	3.2
	-	-	-	-	-	-
	-	-	-	-	-	-
438	08/29/75	40	1.0	3.2	8.2	11.4
	-	-	-	-	-	-
	-	-	-	-	-	-
448	-	-	-	-	-	-
	08/20/76	40	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
456	09/07/75	42	1.0	0.0	0.0	0.0
	08/20/76	47	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
460	08/27/75	32	1.0	0.5	0.7	1.2
	09/09/76	34	7.1	17.2	5.0	22.2
	-	-	-	-	-	-
466	08/27/75	41	1.0	45.7	24.7	70.4
	09/10/76	46	0.7	50.0	18.2	68.2
	-	-	-	-	-	-
467	08/27/75	42	1.0	20.2	12.0	32.2
	09/09/76	43	0.8	45.2	10.0	55.2
	-	-	-	-	-	-
470	-	-	-	-	-	-
	08/20/76	47	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
481	08/27/75	47	1.0	68.7	44.0	112.7
	09/10/76	45	0.7	44.2	34.0	78.2
	-	-	-	-	-	-
486	-	-	-	-	-	-
	09/10/76	43	1.0	138.2	90.2	228.4
	-	-	-	-	-	-

APPENDIX TABLE 5.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Avg. depth (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
491	08/27/75	38	1.0	60.2	38.5	98.7
	09/10/76	37	0.5	21.0	21.7	42.7
	-	-	-	-	-	-
495	08/27/75	33	1.0	27.2	29.5	56.7
	09/10/76	26	1.3	37.5	39.2	76.7
	-	-	-	-	-	-
504	09/08/75	46	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
509	09/08/75	55	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
510	09/10/75	45	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
514	09/08/75	52	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
515	09/08/75	49	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
517	09/11/75	53	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
521	09/08/75	48	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
522	09/11/75	64	1.0	0.0	0.0	0.0
	08/27/76	63	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
529	09/11/75	85	1.0	0.0	0.0	0.0
	08/27/76	82	1.0	0.0	0.0	0.0
	-	-	-	-	-	-

## APPENDIX 5.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Avg. depth (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
535	-	-	-	-	-	-
	08/28/76	83	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
542	-	-	-	-	-	-
	08/28/76	78	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
543	09/11/75	42	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
545	09/12/75	36	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
552	09/12/75	36	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
553	-	-	-	-	-	-
	09/11/76	43	1.0	4.5	2.7	7.2
	-	-	-	-	-	-
558	-	-	-	-	-	-
	08/27/76	136	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
560	09/12/75	40	1.0	2.5	1.5	4.0
	-	-	-	-	-	-
	-	-	-	-	-	-
561	-	-	-	-	-	-
	09/11/76	43	1.0	4.5	0.5	4.0
	-	-	-	-	-	-
574	09/15/75	27	1.0	0.0	0.0	0.0
	08/25/76	26	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
581	09/13/75	62	1.0	2.2	5.5	7.7
	08/26/76	55	0.0	3.2	0.2	3.4
	-	-	-	-	-	-
582	09/15/75	50	1.0	0.0	0.0	0.0
	08/25/76	50	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
567	09/13/75	61	1.0	0.0	0.0	0.0
	08/27/76	128	1.0	0.0	0.0	0.0
	-	-	-	-	-	-

APPENDIX TABLE 5.--(continued)

Station <sup>1</sup>	Date gear picked <sup>2</sup>	Avg. depth (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
588	09/13/75	72	1.0	2.5	1.2	3.7
	08/26/76	61	0.4	7.2	0.5	7.7
	-	-	-	-	-	-
592	09/13/75	56	1.0	1.0	0.2	1.2
	08/26/76	58	8.5	4.2	1.7	5.9
	-	-	-	-	-	-
593	09/15/75	49	1.0	0.0	0.0	0.0
	08/24/76	51	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
597	09/13/75	52	1.0	0.5	0.7	1.2
	-	-	-	-	-	-
	-	-	-	-	-	-
598 (595)	09/13/75	55	1.0	2.5	6.5	9.0
	08/26/76	37	0.4	7.7	2.5	10.2
	-	-	-	-	-	-
599	08/24/75	55	1.0	2.5	1.0	3.5
	-	-	-	-	-	-
	-	-	-	-	-	-
608	08/24/75	87	1.0	9.7	90.0	99.7
	-	-	-	-	-	-
	-	-	-	-	-	-
609	08/23/75	61	1.0	9.0	34.0	43.0
	08/17/76	60	0.5	5.5	15.7	21.2
	-	-	-	-	-	-
225 (NCS)	-	-	-	-	-	-
	-	-	-	-	-	-
	08/23/77	43	1.0	0.0	0.0	0.0
235 (516)	09/11/75	64	1.0	0.0	0.0	0.0
	08/28/76	69	1.0	0.0	0.0	0.0
	08/30/77	75	1.0	0.0	0.0	0.0
250 (530)	-	-	-	-	-	-
	-	-	-	-	-	-
	08/30/77	52	1.0	0.0	0.0	0.0
251 (531)	09/11/75	51	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	07/30/77	55	1.0	0.0	0.0	0.0

APPENDIX TABLE 5.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Avg. depth (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
256	09/11/75	36	1.0	0.0	0.0	0.0
(536)	-	-	-	-	-	-
	08/30/77	78	1.0	0.0	0.0	0.0
262	09/11/75	43	1.0	0.0	0.0	0.0
(573)	08/27/76	42	1.0	1.0	0.0	1.0
	08/31/77	47	1.0	0.0	0.0	0.0
263	-	-	-	-	-	-
(572)	08/26/76	123	1.0	0.7	2.5	3.2
	08/31/77	77	0.0	0.0	0.0	0.0
264	-	-	-	-	-	-
(580)	08/27/76	153	1.0	0.3	2.6	2.9
	08/31/77	138	4.8	5.0	12.5	17.5
267	-	-	-	-	-	-
(587)	08/26/76	156	1.0	0.2	9.0	0.2
	08/31/77	146	0.2	1.0	2.2	3.2
403	09/03/75	52	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
408	09/08/75	34	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
416	09/03/75	40	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-

APPENDIX TABLE 5.-- (continued)

Station <sup>1</sup>	Date gear picked <sup>2</sup>	Avg. depth (fms)	R.I.V. $\geq 140$	Average catch per pot		
				< 140	$\geq 140$	Total
610	08/23/75	42	1.0	2.5	3.7	6.2
	08/17/76	41	2.5	6.7	9.5	16.2
	-	-	-	-	-	-
615	09/13/75	71	1.0	5.0	7.7	12.7
	-	-	-	-	-	-
	-	-	-	-	-	-
616	08/24/75	102	1.0	4.2	99.0	103.2
	-	-	-	-	-	-
	-	-	-	-	-	-
617	08/23/75	87	1.0	14.0	51.7	65.7
	08/17/76	84	1.0	11.2	51.2	62.4
	-	-	-	-	-	-
618 A	09/23/75	47	1.0	0.7	2.0	2.7
	08/17/76	43	2.0	2.7	4.0	6.7
	-	-	-	-	-	-
621	08/23/75	63	1.0	3.2	19.7	22.9
	-	-	-	-	-	-
	-	-	-	-	-	-
622	08/25/75	58	1.0	0.0	0.0	0.0
	08/18/76	65	14.2	2.2	13.2	15.4
	-	-	-	-	-	-
625 A	08/25/75	50	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
626 A	08/25/75	39	1.0	0.5	0.5	1.0
	08/18/76	46	0.0	0.0	0.0	0.0
	-	-	-	-	-	-
627	08/25/75	67	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
628 A	08/25/75	40	1.0	0.0	0.0	0.0
	08/18/76	46	1.0	1.0	0.0	1.0
	-	-	-	-	-	-
629 A	08/29/75	68	1.0	0.0	0.0	0.0
	09/01/76	77	1.0	0.0	0.0	0.0
	-	-	-	-	-	-

APPENDIX TABLE 5.-- (continued)

Station <sup>1</sup>	Date gear picked <sup>2</sup>	Avg. depth (fms)	R.I.V. $\geq$ 140	Average catch per pot		Total
				< 140	$\geq$ 140	
630	08/29/75	45	1.0	0.0	0.0	0.0
	09/01/76	46	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
631	08/29/75	90	1.0	0.0	0.0	0.0
	09/01/76	94	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
632	09/15/75	48	1.0	0.0	0.5	0.5
	08/25/76	50	0.0	0.0	0.0	0.0
	-	-	-	-	-	-
693	-	-	-	-	-	-
	09/15/76	42	1.0	4.2	8.2	12.4
	-	-	-	-	-	-
695	-	-	-	-	-	-
	09/15/76	42	1.0	3.7	4.2	7.9
	-	-	-	-	-	-

<sup>1</sup>001 - represents the 1977 numbering system

(000)-represents the pre-1977 numbering system

NCS -no comparable station fished in 1976

000A-station number with an "A" following designates duplicated ocean station number found in a bay.

<sup>2</sup>A dash means not fished that year

APPENDIX TABLE 6.--Ocean station collection and catch data and associated relative index value for male Tanner crab (*C. bairdi*), 1975-1977 Population Index Studies, Dutch Harbor.

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
618 (917)	08/28/75	70-86	1.0	0.2	0.4	0.6
	09/02/76	75-88	0.0	0.0	0.3	0.3
	08/19/77	76-88	0.0	0.0	0.0	0.0
623 (923)	-	-	-	-	-	-
	09/03/76	83-95	1.0	2.2	8.8	11.0
	08/18/77	74-96	0.0	0.0	0.5	0.5
624 (924)	-	-	-	-	-	-
	09/02/76	87-99	1.0	2.1	10.7	12.9
	08/18/77	86-97	0.3	0.6	3.6	4.2
625 (925)	08/28/75	43-95	1.0	0.0	0.1	0.1
	09/02/76	49-97	0.0	0.0	0.0	0.0
	08/19/77	44-98	1.0	0.0	0.0	0.0
626 (926)	09/03/75	35-60	1.0	0.0	0.0	0.0
	09/01/76	35-44	1.0	0.0	0.0	0.0
	08/19/77	36-60	1.0	0.0	0.0	0.0
628	-	-	-	-	-	-
	-	-	-	-	-	-
	08/18/77	47-50	1.0	0.0	0.0	0.0
629 (932)	-	-	-	-	-	-
	09/03/76	79-85	1.0	4.6	22.4	27.0
	08/18/77	62-82	0.0	0.1	0.0	0.1
644 (955)	09/02/75	56-68	1.0	11.9	13.4	25.3
	09/11/76	55-66	2.7	53.3	36.3	89.6
	08/16/77	53-64	0.4	4.3	5.5	9.8

## APPENDIX 6. -- (continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
645 (960)	08/26/75	55-89	1.0	0.0	0.3	0.3
	09/11/76	54-111	0.0	0.0	0.0	0.0
	08/16/77	47-108	2.0	0.0	0.6	0.6
646 (964)	08/26/75	74-95	1.0	0.1	0.1	0.2
	09/04/76	63-84	1.0	0.0	0.1	0.1
	08/16/77	60-92	0.0	0.0	0.0	0.0
647 (965)	08/26/75	42-43	1.0	0.0	0.0	0.0
	09/04/76	41-62	1.0	0.0	0.0	0.0
	08/13/77	42-62	1.0	0.1	0.1	0.2
648 (968)	-	-	-	-	-	-
	08/13/77	50-65	1.0	2.1	1.5	3.6
649 (973)	08/25/75	46-53	1.0	0.0	0.0	0.0
	08/13/77	52-93	1.0	0.0	0.0	0.0
666	-	-	-	-	-	-
	08/09/77	38-62	1.0	0.3	0.7	1.0
668	-	-	-	-	-	-
	08/09/77	38-46	1.0	0.0	0.1	0.1
669	-	-	-	-	-	-
	08/09/77	37-56	1.0	0.0	0.0	0.0
818 (905)	-	-	-	-	-	-
	08/26/77	45-48	1.0	0.0	0.0	0.0
822 (912)	-	-	-	-	-	-
	08/26/77	41-48	1.0	0.0	0.0	0.0
823 (913)	-	-	-	-	-	-
	08/23/76	49-51	1.0	3.5	2.9	6.4
	08/23/77	48-52	0.0	0.1	0.1	0.2

## APPENDIX 6. -- (continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
826	-	-	-	-	-	-
(920)	08/23/76	44-50	1.0	0.0	0.0	0.0
	08/26/77	43-48	1.0	0.0	0.0	0.0
827	09/06/75	52-57	1.0	0.0	0.0	0.0
(921)	08/22/76	53-55	1.1	0.4	0.1	0.5
	08/27/77	53-58	1.7	0.4	0.7	1.1
831	-	-	-	-	-	-
(928)	08/22/76	53-48	1.0	1.2	0.2	1.4
	08/25/77	57-59	0.5	0.1	0.1	0.2
832	09/06/75	54-70	1.0	0.1	0.0	0.1
(929)	-	-	-	-	-	-
	08/27/77	58-62	1.0	0.0	0.0	0.0
834	-	-	-	-	-	-
(934)	08/22/76	42-48	1.0	3.8	0.8	4.6
	08/24/77	43-48	0.8	0.7	0.7	1.4
835	-	-	-	-	-	-
(935)	08/21/76	49-50	1.0	11.3	11.1	23.0
	08/25/77	52-54	0.0	0.0	0.0	0.0
836	-	-	-	-	-	-
(936)	-	-	-	-	-	-
	08/28/77	52-57	1.0	0.0	0.1	0.1
838	-	-	-	-	-	-
(939)	08/21/76	46-50	1.0	3.7	2.1	5.8
	08/24/77	46-52	0.0	0.3	0.1	0.4
839	-	-	-	-	-	-
(940)	08/29/76	45-55	1.0	2.7	9.0	11.7
	08/25/77	47-55	0.0	0.0	0.4	0.4
840	-	-	-	-	-	-
(941)	08/29/76	48-59	1.0	0.0	0.0	0.0
	08/28/77	47-53	1.0	0.0	0.0	0.0
842	09/07/75	48-58	1.0	0.0	0.0	0.0
(944)	08/21/76	45-59	1.0	0.1	0.0	0.1
	08/23/77	50-63	1.0	0.1	0.0	0.1
843	-	-	-	-	-	-
(945)	08/28/76	38-41	1.0	0.0	0.0	0.0
	08/24/77	38-46	1.0	0.0	0.0	0.0

APPENDIX 6. -- (continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
844 (946)	- 08/29/76 08/29/77	- 43-45 42-44	- 1.0 1.0	- 0.0 0.0	- 0.0 0.0	- 0.0 0.0
845 (947)	- - 08/28/77	- - 48-65	- - 1.0	- - 0.0	- - 0.0	- - 0.0
847 (950)	09/08/75 - 08/23/77	38-45 - 38-45	1.0 - 1.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
848 (951)	- 08/28/76 08/30/77	- 47-74 45-80	- 1.0 0.0	- 0.1 0.1	- 0.3 0.0	- 0.4 0.1
849 (952)	- 08/30/76 08/29/77	- 67-68 66-69	- 1.0 1.0	- 3.9 2.5	- 4.8 5.0	- 8.7 7.5
852 (956)	- 08/30/76 08/30/77	- 46-62 44-60	- 1.0 0.2	- 1.1 0.9	- 0.4 0.1	- 1.5 1.0
853 (957)	- 08/30/76 08/29/77	- 45-47 44-48	- 1.0 1.0	- 0.0 0.0	- 0.0 0.0	- 0.0 0.0
856 (961)	09/12/75 - 08/29/77	39-42 - 32-46	1.0 - 1.9	0.0 - 1.7	0.0 - 0.9	0.0 - 2.6
906	- 08/23/76 -	- 55-58 -	- 1.0 -	- 26.7 -	- 34.2 -	- 60.9 -
916	- 09/03/76 -	- 29-54 -	- 1.0 -	- 1.1 -	- 0.6 -	- 1.7 -
922	09/06/75 - -	78-100 - -	1.0 - -	0.0 - -	0.0 - -	0.0 - -

APPENDIX TABLE 6.--(continued)

Station <sup>1</sup>	Date Gear picked <sup>2</sup>	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
933	08/28/75	44-88	1.0	0.0	0.1	0.1
	-	-	-	-	-	-
	-	-	-	-	-	-
943	09/21/75	46-52	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
949	09/02/75	49-53	1.0	0.0	0.1	0.1
	-	-	-	-	-	-
	-	-	-	-	-	-
966	09/12/75	32-47	1.0	3.3	0.1	3.4
	-	-	-	-	-	-
	-	-	-	-	-	-
969	-	-	-	-	-	-
	09/04/76	53-92	1.0	3.0	2.6	5.6
	-	-	-	-	-	-
994	-	-	-	-	-	-
	09/15/76	42-56	1.0	18.7	16.5	35.2
	-	-	-	-	-	-
999	-	-	-	-	-	-
	09/15/76	37-41	1.0	25.5	23.3	48.8
	-	-	-	-	-	-

<sup>1</sup>001 - represents the 1977 numbering system  
(000)-represents the pre-1977 numbering system

<sup>2</sup>A dash means not fished that year.

APPENDIX TABLE 7. --Bay station collection and catch data for male Tanner crab (C. bairdi), 1975-1977 Population Index Studies, Adak

Station	Date Gear picked <sup>1</sup>	Avg. Depth (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
5	06/27/75	13	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
8	06/27/75	30	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
15	06/27/75	24	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
19	06/27/75	36	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
24	06/27/75	43	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
27	06/27/75	39	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
31	06/27/75	32	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
34	06/27/75	50	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
37	06/30/75	48	1.0	0.0	0.0	0.0
	06/30/76	47	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
38	06/28/75	37	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
39	07/02/75	45	1.0	0.0	0.0	0.0
	07/02/76	44	1.0	0.0	0.0	0.0
	-	-	-	-	-	-

APPENDIX TABLE 7.-- (continued)

Station	Date gear picked <sup>1</sup>	Avg. depth (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
40	06/30/75	43	1.0	0.0	0.0	0.0
	06/30/76	45	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
41	06/30/75	42	1.0	0.0	0.0	0.0
	06/30/76	45	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
42	06/28/75	35	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
43	07/02/75	49	1.0	0.0	0.0	0.0
	07/01/76	49	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
44	06/29/75	33	1.0	0.0	0.0	0.0
	06/30/76	45	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
45	06/30/75	47	1.0	0.0	0.0	0.0
	07/01/76	48	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
46	06/28/75	12	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
47	07/02/75	51	1.0	0.0	0.0	0.0
	07/01/76	50	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
48	06/29/75	43	1.0	0.0	0.0	0.0
	06/30/76	47	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
49	06/30/75	50	1.0	2.2	0.0	2.2
	07/01/76	51	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
50	06/28/75	12	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
51	06/28/75	22	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
52	07/02/75	49	1.0	0.0	0.0	0.0
	07/01/76	48	1.0	0.0	0.0	0.0
	-	-	-	-	-	-

APPENDIX TABLE 7.-- (continued)

Station	Date gear picked <sup>1</sup>	Avg. depth (fms)	R.I.V. <u>&gt;</u> 140	Average catch per pot		
				< 140	<u>&gt;</u> 140	Total
53	06/29/75	45	1.0	0.0	0.0	0.0
	06/30/76	47	1.0	2.2	0.0	2.2
	-	-	-	-	-	-
55	06/30/75	53	1.0	0.0	0.2	0.2
	07/01/76	53	0.0	3.0	0.0	3.0
	-	-	-	-	-	-
56	06/28/75	14	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
57	07/02/75	56	1.0	4.2	1.2	5.3
	07/01/76	55	0.1	4.0	0.2	4.2
	-	-	-	-	-	-
58	06/29/75	49	1.0	0.0	0.0	0.0
	06/30/76	45	1.0	1.5	0.0	1.5
	-	-	-	-	-	-
59	06/30/75	52	1.0	0.0	0.0	0.0
	07/01/76	49	1.0	1.7	0.0	1.7
	-	-	-	-	-	-
60	06/28/75	17	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
61	07/02/75	48	1.0	0.0	0.0	0.0
	06/29/76	51	1.0	0.6	0.0	0.6
	-	-	-	-	-	-
62	06/29/75	40	1.0	0.2	0.0	0.2
	06/30/76	49	1.0	6.0	0.0	6.0
	-	-	-	-	-	-
64	06/30/75	55	1.0	12.5	6.2	18.7
	06/29/76	51	0.0	8.3	0.0	8.3
	-	-	-	-	-	-
65	06/28/75	35	1.0	0.2	0.0	0.2
	-	-	-	-	-	-
	-	-	-	-	-	-
66	07/02/75	54	1.0	2.2	0.0	2.2
	06/29/76	54	1.0	12.0	0.0	12.0
	-	-	-	-	-	-

APPENDIX TABLE 7.-- (continued)

Station	Date gear picked <sup>1</sup>	Avg. depth (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
67	06/29/75	39	1.0	0.0	0.0	0.0
	06/29/76	32	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
68	07/01/75	53	1.0	0.7	0.2	0.9
	06/29/76	48	0.0	4.2	0.0	4.2
	-	-	-	-	-	-
69	07/02/75	57	1.0	1.7	1.2	2.9
	06/29/76	52	0.0	8.2	0.0	8.2
	-	-	-	-	-	-
70	06/29/75	39	1.0	0.5	0.0	0.5
	06/29/76	38	1.0	4.6	0.0	4.6
	-	-	-	-	-	-
71	07/01/75	49	1.0	0.2	1.7	1.9
	06/29/76	48	0.0	2.0	0.0	2.0
	-	-	-	-	-	-
72	07/01/75	35	1.0	0.0	0.0	0.0
	07/03/76	36	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
73	06/29/75	40	1.0	4.5	1.0	5.5
	06/29/76	34	2.2	7.2	2.2	9.4
	-	-	-	-	-	-
74	07/01/75	43	1.0	0.2	0.0	0.2
	-	-	-	-	-	-
	-	-	-	-	-	-
75	07/01/75	36	1.0	0.0	0.0	0.0
	07/04/76	45	1.0	3.5	0.0	3.5
	-	-	-	-	-	-
76	07/01/75	43	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
77	07/07/75	37	1.0	2.0	0.0	2.0
	07/04/76	42	1.0	8.2	0.0	8.2
	-	-	-	-	-	-
78	07/01/75	50	1.0	1.7	0.0	1.7
	07/04/76	52	1.2	8.2	0.2	8.4
	-	-	-	-	-	-

APPENDIX TABLE 7.-- (continued)

Station	Date gear picked <sup>1</sup>	Avg. depth (fms)	R.I.V. $\geq$ 140	Average catch per pot		
				< 140	$\geq$ 140	Total
79	07/07/75	44	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
80	07/01/75	52	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
81	07/07/75	45	1.0	0.2	0.0	0.2
	07/04/76	46	3.7	18.2	2.7	20.9
	-	-	-	-	-	-
82	07/06/75	47	1.0	0.0	0.0	0.0
	07/04/76	50	1.0	0.5	0.0	0.5
	08/03/77	65	2.2	1.7	1.2	2.9
83	07/07/75	40	1.0	0.5	1.5	2.0
	-	-	-	-	-	-
	-	-	-	-	-	-
84	07/07/75	41	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
85	07/08/75	86	1.0	11.7	40.0	51.7
	-	-	-	-	-	-
	-	-	-	-	-	-
86	07/06/75	44	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
87	07/08/75	59	1.0	24.0	37.7	61.7
	-	-	-	-	-	-
	08/02/77	58	0.7	27.5	27.5	55.0
88	07/07/75	27	1.0	0.0	0.0	0.0
	07/04/76	19	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
89	07/08/75	64	1.0	14.2	43.2	57.4
	07/06/76	69	1.6	12.7	71.0	83.7
	08/02/77	56	0.2	6.2	10.5	16.7
90	07/08/75	88	1.0	8.5	17.0	25.5
	-	-	-	-	-	-
	-	-	-	-	-	-

APPENDIX TABLE 7.-- (continued)

Station	Date gear picked <sup>1</sup>	Avg. depth (fms)	R.I.V. $\geq 140$	Average catch per pot		Total
				< 140	$\geq 140$	
91	07/06/75	48	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
93	07/08/75	58	1.0	2.5	8.2	10.7
	07/06/76	58	3.6	6.5	29.5	36.0
	08/02/77	66	5.9	10.7	48.5	59.2
94	07/05/75	96	1.0	10.5	27.0	37.5
	-	-	-	-	-	-
	08/02/77	100	0.6	3.5	17.5	21.0
95	07/06/75	91	1.0	6.0	32.7	38.7
	07/05/76	79	0.1	8.2	4.0	12.2
	08/03/77	82	0.4	13.5	15.7	29.2
96	07/07/75	40	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
97	07/08/75	48	1.0	7.5	12.7	20.2
	-	-	-	-	-	-
	-	-	-	-	-	-
98	07/08/75	50	1.0	0.2	2.7	2.9
	07/06/76	50	1.3	2.2	3.5	5.7
	-	-	-	-	-	-
99	07/05/75	90	1.0	5.6	15.0	20.6
	-	-	-	-	-	-
	-	-	-	-	-	-
100	07/06/75	53	1.0	0.0	1.0	1.0
	-	-	-	-	-	-
	-	-	-	-	-	-
101	07/07/75	31	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
102	07/08/75	31	1.0	2.5	1.5	4.0
	-	-	-	-	-	-
	-	-	-	-	-	-
103	07/05/75	71	1.0	17.0	18.2	35.2
	07/06/76	67	0.5	5.7	9.2	14.9
	08/03/77	96	0.4	6.2	8.0	14.2

APPENDIX TABLE 7.-- (continued)

Station	Date gear picked <sup>1</sup>	Avg. depth (fms)	R.I.V. <u>&gt; 140</u>	Average catch per pot		Total
				< 140	<u>&gt; 140</u>	
104	07/06/75	85	1.0	41.0	19.2	60.2
	-	-	-	-	-	-
	08/03/77	84	0.0	4.2	0.7	4.9
106	07/05/75	83	1.0	2.5	1.7	4.2
	07/06/76	80	0.4	0.0	0.7	0.7
	-	-	-	-	-	-
108	07/05/75	24	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	08/03/77	63	1.2	0.7	0.2	0.9
109	07/06/75	86	1.0	0.0	0.0	0.0
	07/06/76	63	1.0	0.2	0.0	0.2
	08/03/77	77	1.0	0.0	0.0	0.0
111	07/06/75	50	1.0	27.5	16.7	44.2
	07/06/76	53	0.8	7.0	13.7	20.7
	-	-	-	-	-	-
113	07/05/75	52	1.0	42.0	26.5	68.5
	07/06/76	52	0.3	3.0	8.0	11.0
	08/03/77	37	0.0	4.5	1.5	6.0
115	07/05/75	18	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
116	07/04/75	28	1.0	9.5	21.5	31.0
	-	-	-	-	-	-
	-	-	-	-	-	-
138	07/09/75	18	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
139	07/09/75	31	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
140	-	-	-	-	-	-
	07/08/76	58	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
141	07/09/75	43	1.0	0.0	0.0	0.0
	07/08/76	41	2.5	1.5	1.5	3.0
	-	-	-	-	-	-

APPENDIX TABLE 7.-- (continued)

Station	Date gear picked <sup>1</sup>	Avg. depth (fms)	R.I.V. $\geq 140$	Average catch per pot		
				< 140	$\geq 140$	Total
142	07/09/75	36	1.0	3.2	0.5	3.7
	07/08/76	14	0.0	0.0	0.0	0.0
	-	-	-	-	-	-
143	07/09/75	56	1.0	0.0	0.0	0.0
	07/08/76	58	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
144	07/09/75	60	1.0	24.5	13.7	38.2
	07/08/76	50	0.3	16.0	5.0	21.0
	-	-	-	-	-	-
145	07/09/75	53	1.0	0.0	0.0	0.0
	07/08/76	56	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
146	07/09/75	21	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
147	07/11/75	12	1.0	1.0	0.0	1.0
	-	-	-	-	-	-
	-	-	-	-	-	-
148	07/11/75	38	1.0	23.0	9.2	32.2
	-	-	-	-	-	-
	-	-	-	-	-	-
149	07/11/75	33	1.0	17.0	3.5	20.5
	07/09/76	35	8.7	56.5	30.7	87.2
	-	-	-	-	-	-
150	07/11/75	42	1.0	14.7	8.5	23.2
	-	-	-	-	-	-
	-	-	-	-	-	-
151	07/11/75	66	1.0	19.5	19.7	39.2
	07/09/76	64	2.5	40.2	49.7	89.9
	08/01/77	59	1.3	25.0	26.0	51.0
152	07/12/75	31	1.0	4.7	1.2	5.9
	-	-	-	-	-	-
	-	-	-	-	-	-
153	07/11/75	61	1.0	16.5	22.2	38.7
	07/09/76	51	1.5	38.0	34.7	72.7
	-	-	-	-	-	-

APPENDIX TABLE 7.-- (continued)

Station	Date gear picked <sup>1</sup>	Avg. depth (fms)	R.I.V. <u>&gt;</u> 140	Average catch per pot		Total
				< 140	<u>&gt;</u> 140	
154	07/12/75	48	1.0	13.7	8.0	21.7
	-	-	-	-	-	-
	-	-	-	-	-	-
155	07/11/75	71	1.0	8.0	22.0	30.0
	07/09/76	78	1.6	29.5	35.0	64.5
	08/01/77	68	1.6	8.7	35.7	44.4
156	07/10/75	16	1.0	0.5	0.0	0.5
	-	-	-	-	-	-
	-	-	-	-	-	-
157	07/10/75	99	1.0	8.5	40.2	48.7
	07/09/76	76	0.9	77.7	36.7	114.4
	-	-	-	-	-	-
158	07/12/75	31	1.0	0.2	0.0	0.2
	-	-	-	-	-	-
	-	-	-	-	-	-
159	07/10/75	62	1.0	7.2	7.2	14.4
	-	-	-	-	-	-
	-	-	-	-	-	-
160	07/11/75	74	1.0	7.7	9.0	16.7
	07/09/76	84	4.9	51.5	44.7	96.7
	08/01/77	90	4.0	21.7	36.0	57.7
161	07/12/75	31	1.0	1.0	0.0	1.0
	-	-	-	-	-	-
	-	-	-	-	-	-
162	07/12/75	34	1.0	20.5	2.0	22.5
	-	-	-	-	-	-
	-	-	-	-	-	-
163	07/12/75	45	1.0	18.7	1.5	20.2
	-	-	-	-	-	-
	-	-	-	-	-	-
164	07/12/75	34	1.0	0.2	0.0	0.2
	-	-	-	-	-	-
	-	-	-	-	-	-
165	07/12/75	32	1.0	0.5	0.0	0.5
	-	-	-	-	-	-
	-	-	-	-	-	-

APPENDIX TABLE 7.-- (continued)

Station	Date gear picked <sup>1</sup>	Avg. depth (fms)	R.I.V. $\geq 140$	Average catch per pot		
				< 140	$\geq 140$	Total
167	07/13/75	32	1.0	7.0	0.0	7.0
	-	-	-	-	-	-
	-	-	-	-	-	-
168	07/13/75	47	1.0	7.2	0.0	7.2
	-	-	-	-	-	-
	-	-	-	-	-	-
169	07/13/75	29	1.0	0.2	0.0	0.2
	-	-	-	-	-	-
	-	-	-	-	-	-
170	07/13/75	35	1.0	0.7	0.0	0.7
	-	-	-	-	-	-
	-	-	-	-	-	-
171	07/13/75	24	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
172	07/13/75	19	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
173	07/13/75	40	1.0	0.0	0.0	0.0
	07/10/76	46	1.2	5.2	0.2	5.4
	-	-	-	-	-	-
175	07/13/75	45	1.0	1.7	0.0	1.7
	-	-	-	-	-	-
	-	-	-	-	-	-
176	07/14/75	44	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
177	07/14/75	27	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
178	07/14/75	45	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
179	07/14/75	33	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
180	07/14/75	27	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-

APPENDIX TABLE 7.-- (continued)

Station	Date gear picked <sup>1</sup>	Avg. depth (fms)	R.I.V. <u>&gt;</u> 140	Average catch per pot		Total
				< 140	<u>&gt;</u> 140	
182	07/16/75	31	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
184	07/16/75	31	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
185	07/16/75	29	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
186	07/16/75	20	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
187	07/16/75	40	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
188	07/17/75	35	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
189	07/17/75	29	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
190	07/17/75	47	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
191	07/17/75	33	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
202	08/02/75	43	1.0	0.0	0.0	0.0
	07/13/76	46	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
271	-	-	-	-	-	-
	07/16/76	77	1.0	47.7	16.5	64.2
	-	-	-	-	-	-
272	-	-	-	-	-	-
	07/16/76	81	1.0	25.0	13.5	38.5
	-	-	-	-	-	-

APPENDIX TABLE 7.-- (continued)

Station	Date gear picked <sup>1</sup>	Avg. depth (fms)	R.I.V. $\geq 140$	Average catch per pot		
				< 140	$\geq 140$	Total
274	-	-	-	-	-	-
	07/16/76	53	1.0	12.2	4.0	16.2
	-	-	-	-	-	-
300	07/23/75	16	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
301	07/23/75	22	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
302	07/23/75	37	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
303	07/23/75	32	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
304	07/23/75	38	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
305	07/24/75	43	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
306	07/24/75	43	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
307	07/24/75	48	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
308	07/24/75	39	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
309	07/24/75	45	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
310	07/29/75	61	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
311	07/29/75	67	1.0	0.0	0.0	0.0
	07/19/76	63	1.0	0.0	0.0	0.0
	-	-	-	-	-	-

APPENDIX TABLE 7.-- (continued)

Station	Date gear picked <sup>1</sup>	Avg. depth (fms)	R.I.V. ≥ 140	Average catch per pot		Total
				< 140	≥ 140	
312	08/02/75	49	1.0	0.0	0.0	0.0
	07/13/76	65	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
313	08/02/75	49	1.0	0.0	0.0	0.0
	07/13/76	49	1.0	0.2	0.0	0.2
	-	-	-	-	-	-
314	08/02/75	71	1.0	0.5	0.0	0.5
	07/13/76	66	1.0	0.7	0.0	0.7
	08/05/77	72	-	2.2	0.0	2.2
315	08/02/75	60	1.0	3.2	1.5	4.7
	07/13/76	62	0.5	4.5	0.7	5.2
	-	-	-	-	-	-
316	08/02/75	72	1.0	9.0	2.2	11.2
	07/13/76	78	0.4	12.2	1.0	13.2
	08/05/77	64	0.0	0.5	0.0	0.5
317	08/02/75	57	1.0	4.0	1.0	5.0
	07/13/76	58	0.0	3.5	0.0	3.5
	-	-	-	-	-	-
320	-	-	-	-	-	-
	07/05/76	95	1.0	28.6	90.2	118.8
	-	-	-	-	-	-
321	-	-	-	-	-	-
	07/05/76	90	1.0	10.7	23.5	34.2
	08/20/77	77	1.0	11.0	23.7	34.7
324	-	-	-	-	-	-
	-	-	-	-	-	-
	08/02/77	96	1.0	11.2	40.5	51.7
325	-	-	-	-	-	-
	07/05/76	62	1.0	1.5	0.0	1.5
	08/03/77	85	3.2	1.0	2.2	3.2
326	-	-	-	-	-	-
	07/07/76	61	1.0	3.7	5.5	9.7
	-	-	-	-	-	-
330	-	-	-	-	-	-
	07/05/76	100	1.0	7.5	78.7	86.2
	08/02/77	99	0.4	8.2	34.7	42.9

APPENDIX TABLE 7.-- (continued)

Station	Date gear picked <sup>1</sup>	Avg. depth (fms)	R.I.V. <u>&gt; 140</u>	Average catch per pot		Total
				< 140	<u>≥ 140</u>	
331	-	-	-	-	-	-
	-	-	-	-	-	-
	08/03/77	79	1.0	4.0	4.0	8.0
332	-	-	-	-	-	-
	07/07/76	63	1.0	1.5	0.2	1.7
	-	-	-	-	-	-
334	-	-	-	-	-	-
	07/05/76	97	1.0	13.5	44.5	58.0
	-	-	-	-	-	-
338	-	-	-	-	-	-
	07/07/76	24	1.0	5.5	2.5	8.0
	-	-	-	-	-	-
339	-	-	-	-	-	-
	07/13/76	61	1.0	3.5	0.5	4.0
	08/05/77	55	0.4	0.7	0.2	0.9
341	-	-	-	-	-	-
	07/19/76	54	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
342	-	-	-	-	-	-
	07/19/76	63	1.0	0.0	0.0	0.0
	08/07/77	65	1.0	0.0	0.0	0.0
344	-	-	-	-	-	-
	07/19/76	69	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
346	-	-	-	-	-	-
	07/19/76	58	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
348	-	-	-	-	-	-
	07/20/76	63	1.0	0.0	0.0	0.0
	08/06/77	65	1.0	0.0	0.0	0.0
350	-	-	-	-	-	-
	07/20/76	66	1.0	0.0	0.0	0.0
	08/06/77	67	1.0	0.0	0.0	0.0
351	-	-	-	-	-	-
	07/20/76	61	1.0	0.2	0.0	0.2
	08/06/77	62	1.0	0.0	0.0	0.0

APPENDIX TABLE 7.-- (continued)

Station	Date gear picked <sup>1</sup>	Avg. depth (fms)	R.I.V. $\geq$ 140	Average catch per pot		
				< 140	$\geq$ 140	Total
352	-	-	-	-	-	-
	07/20/76	68	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
353	-	-	-	-	-	-
	07/20/76	64	1.0	0.0	0.0	0.0
	08/06/77	68	1.0	0.0	0.0	0.0

<sup>1</sup>A dash means not fished that year

APPENDIX TABLE 8.-- Ocean station collection and catch data for male Tanner crab (*C. bairdi*), 1975-1977 Population Index Studies, Adak

Station <sup>1</sup>	Date Gear picked	Depth Range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
529	-	-	-	-	-	-
	07/02/76	56-69	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
531	07/03/75	51-60	1.0	0.0	0.0	0.0
	07/02/76	56-75	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
532	07/03/75	61-65	1.0	0.0	0.0	0.0
	07/03/76	58-215	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
534	07/03/75	50-53	1.0	0.0	0.0	0.0
	07/03/76	49-62	1.0	0.2	0.0	0.2
	-	-	-	-	-	-
539	07/04/75	62-65	1.0	0.4	0.2	0.6
	07/07/76	61-66	0.0	0.0	0.0	0.0
	-	-	-	-	-	-
540	07/03/75	66-68	1.0	0.0	0.0	0.0
	07/05/76	68-93	25.4	11.9	24.4	36.3
	08/02/77	58-72	9.2	2.3	8.2	10.5
542	07/04/75	58-61	1.0	18.5	57.2	74.7
	07/07/76	50-61	0.4	14.4	25.9	40.3
	-	-	-	-	-	-
545	07/24/75	21-41	0.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
549	07/23/75	38-43	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	07/25/77	32-42	1.0	0.0	0.0	0.0
551	07/22/75	30-51	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	07/25/77	37-52	1.0	0.0	0.0	0.0
552	-	-	-	-	-	-
	-	-	-	-	-	-
	07/25/77	40-46	1.0	0.0	0.0	0.0

APPENDIX TABLE 8.-- (continued)

Station <sup>1</sup>	Date gear picked	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		Total
				< 140	≥ 140	
553	07/22/75	47-68	0.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
555	07/22/75	36-45	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	07/27/77	43-50	1.0	0.0	0.0	0.0
556	07/21/75	45-50	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	07/27/77	47-50	1.0	0.0	0.0	0.0
557	-	-	-	-	-	-
	-	-	-	-	-	-
	07/27/77	64-80	1.0	0.0	0.0	0.0
559	07/21/75	46-53	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	07/27/77	50-52	1.0	0.0	0.0	0.0
562	07/10/75	64-90	1.0	0.0	0.0	0.0
	07/08/76	63-106	1.0	0.1	0.0	0.1
	-	-	-	-	-	-
563	07/10/75	59-70	1.0	8.3	6.8	15.1
	07/09/76	55-59	1.6	14.7	11.1	25.8
	08/01/77	52-58	1.0	8.5	6.9	15.4
567	07/14/75	48-58	1.0	0.0	0.0	0.0
	07/10/76	47-65	1.8	4.4	0.8	5.2
	-	-	-	-	-	-
570	07/16/75	63-73	1.0	0.0	0.0	0.0
	07/11/76	52-90	1.0	0.8	0.0	0.8
	07/31/77	52-75	1.2	0.6	0.2	0.8
572	07/17/75	57-62	1.0	0.0	0.0	0.0
	07/11/76	54-108	1.3	3.1	0.3	3.4
	-	-	-	-	-	-
573	07/21/75	53-55	1.0	14.4	1.6	16.0
	-	-	-	-	-	-
	07/28/77	53-58	1.0	0.0	0.0	0.0
574	07/20/75	64-66	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	07/28/77	54-62	1.0	0.0	0.0	0.0

APPENDIX TABLE 8.-- (continued)

Station <sup>1</sup>	Date gear picked	Depth Range (fms)	R.I.V. ≥ 140	Average catch per pot		Total
				< 140	≥ 140	
576	07/20/75	53-59	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	07/28/77	54-60	1.0	0.0	0.0	0.0
577	07/20/75	64-66	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	07/28/77	65-70	1.0	0.0	0.0	0.0
580	07/19/75	50-54	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	07/29/77	48-56	1.0	0.0	0.0	0.0
583	-	-	-	-	-	-
	-	-	-	-	-	-
	07/29/77	56-68	1.0	0.0	0.0	0.0
585	07/19/75	47-52	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	07/29/77	46-54	1.0	0.0	0.0	0.0
586	07/19/75	74-74	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	07/30/77	76-80	1.0	0.0	0.0	0.0
587	07/18/75	35-45	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
590	07/18/75	53-56	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	07/30/77	46-57	1.0	0.0	0.0	0.0
593	07/18/75	18-33	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
	-	-	-	-	-	-
594	-	-	-	-	-	-
	07/22/76	57-68	1.0	0.0	0.0	0.0
	07/30/77	76-79	1.0	0.0	0.0	0.0
597	07/31/75	55-71	1.0	0.0	0.0	0.0
	07/21/76	50-70	1.0	0.1	0.0	0.1
	-	-	-	-	-	-
599	07/30/75	77-81	1.0	0.0	0.0	0.0
	07/22/76	82-86	1.0	0.0	0.0	0.0
	-	-	-	-	-	-

APPENDIX TABLE 8.-- (continued)

Station <sup>1</sup>	Date gear picked	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		Total
				< 140	≥ 140	
601	07/31/75	30-40	1.0	0.0	0.0	0.0
	07/21/76	32-56	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
602	07/31/75	37-52	1.0	0.0	0.0	0.0
	07/21/76	37-69	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
603	07/30/75	57-65	1.0	0.0	0.0	0.0
	07/22/76	58-63	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
607	08/01/75	56-58	1.0	0.0	0.1	0.1
	07/12/76	54-71	2.0	1.8	0.2	2.0
	08/05/77	58-65	0.0	0.0	0.0	0.0
608	07/30/75	72-78	1.0	0.1	0.0	0.1
	07/20/76	69-74	1.0	0.1	0.0	0.1
	08/06/77	79-84	1.0	1.1	0.0	1.1
610	08/01/75	70-76	1.0	1.0	0.6	1.6
	07/12/76	59-60	0.0	0.0	0.0	0.0
	08/05/77	61-78	1.0	0.2	0.6	0.8
613	07/29/75	82-100	1.0	0.0	0.0	0.0
	07/19/76	69-85	1.0	0.5	0.0	0.5
	08/06/77	93-100	1.0	0.0	0.0	0.0
616	08/01/75	45-67	1.0	0.0	0.0	0.0
	07/12/76	49-73	1.0	0.8	0.0	0.8
	-	-	-	-	-	-
618	07/29/75	70-100	1.0	1.4	0.0	1.4
	07/18/76	84-98	1.0	0.1	0.0	0.1
	-	-	-	-	-	-
621	-	-	-	-	-	-
	07/18/76	96-115	1.0	0.1	0.0	0.1
	-	-	-	-	-	-
625	07/26/75	60-100	1.0	30.9	18.0	48.9
	07/15/76	59-101	0.3	5.4	6.1	11.5
	-	-	-	-	-	-
626	07/26/75	64-107	1.0	26.4	14.1	40.8
	07/15/76	64-110	0.8	10.0	11.8	21.8
	-	-	-	-	-	-

APPENDIX TABLE 8.-- (continued)

Station <sup>1</sup>	Date gear picked	Depth range (fms)	R.I.V. ≥ 140	Average catch per pot		
				< 140	≥ 140	Total
627	-	-	-	-	-	-
	07/18/76	49-64	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
629	07/26/75	68-110	1.0	27.4	24.6	52.0
	07/15/76	69-106	2.2	8.1	10.9	19.0
	-	-	-	-	-	-
631	07/28/75	71-101	1.0	0.0	0.0	0.0
	07/17/76	68-73	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
634	07/28/75	68-101	1.0	0.0	0.0	0.0
	07/17/76	74-95	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
635	07/28/75	65-100	1.0	0.0	0.0	0.0
	07/17/76	80-110	1.0	0.1	0.0	0.1
	-	-	-	-	-	-
641	-	-	-	-	-	-
	07/16/76	56-81	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
645	-	-	-	-	-	-
	07/02/76	72-156	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
646	-	-	-	-	-	-
	07/03/76	54-164	1.0	0.0	0.0	0.0
	-	-	-	-	-	-
647	-	-	-	-	-	-
	07/04/76	50-62	1.0	4.5	3.0	7.5
	-	-	-	-	-	-
648	-	-	-	-	-	-
	07/10/76	68-103	1.0	0.8	0.0	0.8
	08/01/77	59-85	1.2	0.7	0.2	0.9
649	-	-	-	-	-	-
	07/10/76	59-75	1.0	54.4	12.1	66.5
	07/31/77	68-95	2.8	93.7	34.2	127.9
650	-	-	-	-	-	-
	07/11/76	53-81	1.0	7.8	0.1	7.9
	07/31/77	63-84	9.0	13.2	0.9	14.1

<sup>1</sup>A dash means not fished that year

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