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**Halibut Assessment Data: Setline Surveys
In The North Pacific Ocean,
1963-1966 And 1976-1979**

by

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Richard J. Myhre, and Ian R. McGregor

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ABSTRACT

The International Pacific Halibut Commission, recognizing a need for standardized data that were independent of the commercial fishery, conducted surveys with setline gear on a pre-determined pattern of stations from 1963 through 1966. The survey design was reviewed and modified surveys were undertaken from 1976 through 1979. This report documents the objectives and design of the surveys and presents detailed information on tags released and recovered, as well as data on catch per unit effort, size, age and sex of halibut. A summary of the catch of species other than halibut also is provided.

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INTRODUCTION

The International Pacific Halibut Commission (IPHC) has relied on data from the commercial fishery to assess populations of Pacific halibut (*Hippoglossus stenolepis*) and regulate the fishery. Data from fishermen's log books provide estimates of catch per unit effort (CPUE); data from landings produce estimates of the size and age of halibut in the catch. IPHC has also conducted research operations on chartered vessels, but these research cruises usually resembled commercial operations in that most of the fishing occurred on specific grounds rather than over broad areas.

Reliance on the commercial fishery as a primary source of data for stock assessment has certain limitations. Because the fleet concentrates fishing effort in specific areas, the data collected from the fishery are not necessarily representative of the entire halibut population. The fleet periodically changes its operation and fishing techniques; changes in bait, hook-spacing, soak-time, and navigational equipment may alter the efficiency of the gear, and thus affect estimates of CPUE (Skud 1972, 1978, Hamley and Skud 1978). Another change occurred when IPHC increased the minimum size limit in 1973. Vessels shifted fishing grounds, causing changes in CPUE, age, and size that did not represent changes in the stocks. Finally, samples of commercial landings do not provide data on sex composition. The lack of information on sex composition has hampered assessment of halibut stocks because mortality and growth differ between males and females. In short, although data from the commercial fishery have been and will continue to be useful, an independent source of data reduces the chance of errors in the assessment of halibut populations.

IPHC, recognizing this need, conducted several surveys during the early and mid-1960's. Some of the surveys employed trawl gear and monitored populations of juvenile halibut or assessed the potential effect of a trawl fishery on halibut. Results from these surveys have been published (e.g., IPHC 1964, Best 1970), but are of limited value in assessing adult halibut populations because trawl gear is selective for small halibut (Myhre 1969).

Much of the Northeast Pacific Ocean was surveyed with setline gear, and resultant data serve as a base for assessing adult stocks. The survey entailed fishing about 1,000 stations on a predetermined pattern from 1963 to 1966. Although tagging was the primary objective of the survey, the value of the program for providing size, age, and sex data was recognized (IPHC 1966). The underlying basis for the survey was that systematic sampling of an area would provide a better representation of the total population than sampling commercial concentrations.

The need for stock assessment data, independent of the fishery, became apparent again during the 1970's (Hoag 1976). Having reviewed various sampling designs, IPHC concluded that a system similar to the original 1963-1966 survey was satisfactory. However, several modifications to the original survey were made: the number of stations and size of the sampling area were reduced, and fishing procedures were

more rigidly standardized. This modified survey was initiated in 1976 and continued annually during 1977-1979.

Results from the "assessment surveys" should be useful for a wide variety of population studies, but with the exception of preliminary findings given in various IPHC Annual Reports, the results have not been published. The purposes of this report are to document the objectives and design of the 1963-1966 and 1976-1979 surveys, and summarize data in sufficient detail to provide a base for future analyses.

SAMPLING DESIGN

The sampling design was largely dictated by the distribution of fish and logistical considerations. Sampling occurred during the summer, when halibut are distributed over the continental shelf at depths of less than 250 fathoms (about 450 m) and weather is favorable. Meaningful stratification of the sampling area was not practical because halibut tend to concentrate in small irregular groups which are often transient. Systematic sampling was chosen rather than random sampling to ensure coverage of the area and to allow for standardizing setting and hauling times during the operation.

Two predetermined patterns of stations were established: the first in the western Gulf of Alaska; the second in Hecate Strait and Queen Charlotte Sound, British Columbia (Appendix Figures 1 and 2). The station pattern was a modification of that used in IPHC's trawl survey in 1961 through 1963 (IPHC 1964). Stations off Alaska were arranged along parallel north-south transects, 12 nautical miles (22.2 km) apart, running outward from the shoreline to a depth of 250 fathoms; the stations were located every 6 nautical miles (11.1 km) along these transects. A similar procedure was used off British Columbia, except that the transects ran east-west. A station pattern also was developed for the eastern Gulf of Alaska, but fiscal limitations prevented a survey of that area.

Nearly all of the stations shown in Appendix Figures 1 and 2 were fished once during the 1960's. The Portlock-Albatross grounds outside of Kodiak Island (transects 41 to 53) were sampled in 1963; Shelikof Strait (inside of Kodiak Island, transects 51 to 58) and the Chirikof region (transects 53 to 69) were sampled in 1964; part of Hecate Strait including Queen Charlotte Sound (transects 1 to 14) and the Shumagin region (transects 67 to 95) were sampled in 1965; and the remainder of Hecate Strait (transects 12 to 21) was sampled in 1966. In Alaskan regions the sampling each year was split into two segments. Stations on even-numbered transects were sampled early in the summer and stations on odd-numbered transects were sampled later in the summer. This procedure provided information on changes in the distribution of halibut during the summer.

The design of the recent surveys (1976-1979) differed from the early surveys: the area and number of stations within the area were reduced, and the survey was repeated annually. Sampling areas were restricted to the Portlock-Albatross grounds in the Kodiak region and Hecate Strait-Queen Charlotte Sound in the Charlotte region, which produce nearly half of the total catch by the commercial fishery. The number of stations was reduced to approximately 100 in each area by sampling every other transect: odd-numbered transects 41 through 53 in the Portlock-Albatross area and odd-numbered transects 3 through 19 in Hecate Strait-Queen Charlotte Sound.

Fishing procedures were similar on both the early and recent surveys, but were more rigidly standardized in the latter surveys. Usually, 8 skates of gear were fished at each station, and 4 stations were sampled each day. The gear usually was fished along the transect line through each station, but occasional adjustments were necessary because of conflicts with other fishing vessels or logistical considerations. For the recent surveys, the gear was set between 0500 and 0700 hours, and hauling at the four stations began at 1000, 1300, 1600 and 1900 hours, respectively. Three types of bait (salmon, herring, and cod) were varied uniformly among hooks on each skate, i.e., each bait was used on every third hook. The hook-spacing and length of the skates varied among surveys, but the differences were accounted for by estimating the effective effort on each station, based on Skud's (1972) study.

All of the halibut in the catch were measured (fork length) and those without serious injuries (usually about 50% of the total) were tagged. The remainder were used to estimate age and sex. The halibut catch was recorded by station and skate in the recent surveys, but only by station in the earlier surveys. The number and weight of species other than halibut were only recorded since 1977.

Several deviations from the sampling design have occurred because of fiscal or navigational problems: (1) The 1976 survey was limited to 24 stations in the Kodiak region and 80 stations in the Charlotte region, (2) Only 94 stations were fished in the Kodiak region in 1977, and (3) The Charlotte region was not surveyed in 1979.

The following table provides an inventory of the various surveys by year, region, and vessel, along with a summary of sampling effort and the halibut catch.

Year	Region	Vessel	Period of Operation	No. of Stations Fished	No. of Standardized Skates	Halibut Catch	
						Number	Pounds
1963	Kodiak	ECLIPSE	May-August	248	2090.40	5,955	188,487
1964	Kodiak	ECLIPSE	May-August	45	382.72	1,870	40,961
1964	Chirikof	ECLIPSE	May-August	260	2260.93	7,800	234,585
1965	Charlotte	CHRISTIAN S	May-July	142	1063.72	1,976	60,458
1965	Shumagin	CHELSEA	June-August	182	1652.39	3,067	122,464
1966	Charlotte	CHELSEA	June-July	86	648.00	759	19,371
1976	Charlotte	SEYMOUR	August-September	80	514.44	535	14,866
1976	Kodiak	POLARIS	September	24	179.10	262	8,614
1977	Charlotte	CHELSEA	August	51	354.96	270	5,592
1977	Charlotte	EVENING STAR	August	50	342.05	211	5,830
1977	Kodiak	POLARIS	August	42	364.44	1,088	34,476
1977	Kodiak	RESOLUTE	August	52	371.80	768	23,531
1978	Charlotte	CHELSEA	August-September	101	693.08	574	15,531
1978	Kodiak	VANSEE	August-September	104	729.03	1,184	27,329
1979	Kodiak	CHELSEA	August-September	104	707.20	1,704	41,021

DATA SUMMARIES

Data from each station, grouped by year and sampling area, are summarized in the Appendix.

Table 1 shows the CPUE of male and female halibut and their average weight for ages 2 through 25+ years. Table 2 gives the CPUE of males and females by 5 cm length interval from 30 cm to 200+ cm. CPUE is the number of fish per standard skate, which is defined as 1,800 feet (550 meters) of groundline with 100 hooks attached at 18-foot (5.5 meter) intervals. Average weight is in pounds (head-off, eviscerated) and was estimated from the length of individual fish using a previously established length-weight relationship.¹ IPHC traditionally has used metric measurements for fish length and English measurements for fish weight. This apparent inconsistency is continued in this report because most investigators are familiar with halibut data in this form.

The length of every halibut was available, but age and sex were known only for those fish unsuitable for tagging. The sex composition of the total catch was estimated from the proportion of males and females in each 5 cm length interval. Treating each sex separately, we projected the total number of fish at each age using the method described by Hardman and Southward (1965).

The estimated age and sex composition of the total catch could be biased because the fish sampled for age and sex information were not randomly selected and may not have the same length composition as those that were tagged. However, the likelihood of bias is small because the age and sex compositions were estimated for each 5 cm length interval and then projected to the total number of fish in the interval. Hence, bias would result only if the sex-age-length relationships differed between the sampled and the tagged fish, but not if the length compositions alone differed. Note also that setline gear is selective for large fish (Myhre 1969), so small and young fish were underrepresented in the catch, relative to the population.

Table 3 gives the number of tagged fish released by 5 cm length interval and tag type. Data from each tag recovery are listed in Table 4 by region, month, and year of release. Several types of tags were used in the early surveys: two types of strap tags (Monel and stainless steel), a wire-spaghetti tag, loop tag, and a dart tag. In many cases, two types of tags were placed on the same fish.

Several factors affect the rate of tag recovery. Tag shedding and non-reporting losses vary with tag type (Myhre 1966), and various tag types were not used representatively with respect to size of fish or region of release. The introduction of a premium tag reward in 1966 may have reduced non-reporting losses; under this program \$100.00 rewards were paid for randomly selected tags (IPHC 1973). The size composition of the tag recoveries and the non-reporting loss varies with the type of gear. Domestic setlines, selective for large fish, returned most of the tags. Foreign and domestic trawls, selective for small halibut, catch large numbers of halibut (Hoag and French 1976), but report relatively few tags; hence, a high non-reporting loss is likely.

Information on recovered tags is often incomplete and may occasionally be erroneous. For example, sex and maturity is usually not determined because fishermen eviscerate halibut at sea, and external sex characteristics have not been identified. Some tags are not found until after the fish has been unloaded and processed on

¹ $W = (6.9205392 \times 10^{-6})L^{3.24}$ where W = net weight (head-off, eviscerated) in pounds and L = fork length in centimeters (IPHC, unpublished).

shore, and therefore, provide little information. IPHC personnel measure the length of each fish recovered whenever possible, but at times, length data are available only from the finder. Errors undoubtedly exist because changes in length from release to recovery are occasionally negative or excessively large.

Table 5 provides the CPUE (number of fish per standard skate) and average weight of species or species groups other than halibut caught during the surveys in 1977 through 1979. The average weight estimates are based on a subsample of approximately 10 individuals at each station fished. Length frequency data also were collected for these species, but were too meager to include in the data summary.

ACKNOWLEDGEMENTS

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APPENDIX

- Figure 1. Station pattern in the Charlotte region, transects 1 through 21.
- Figure 2. Station pattern in the Kodiak through Shumagin regions, transects 40 through 95.
- Table 1. Catch per unit effort (number of fish per skate) and average weight (pounds, head-off, eviscerated) of males and females by age, region, and year.
- Table 2. Catch per unit effort (number of fish per skate) of males and females by 5 cm length interval, region and year.
- Table 3. Number of tags released by 5 cm length interval, tag type, region, and year.
- Table 4. Individual tag recoveries by region, month, and year of release.
- Table 5. Catch per unit effort (number of fish per skate) and average weight (pounds, round weight) of the incidental catch by species, region and year.

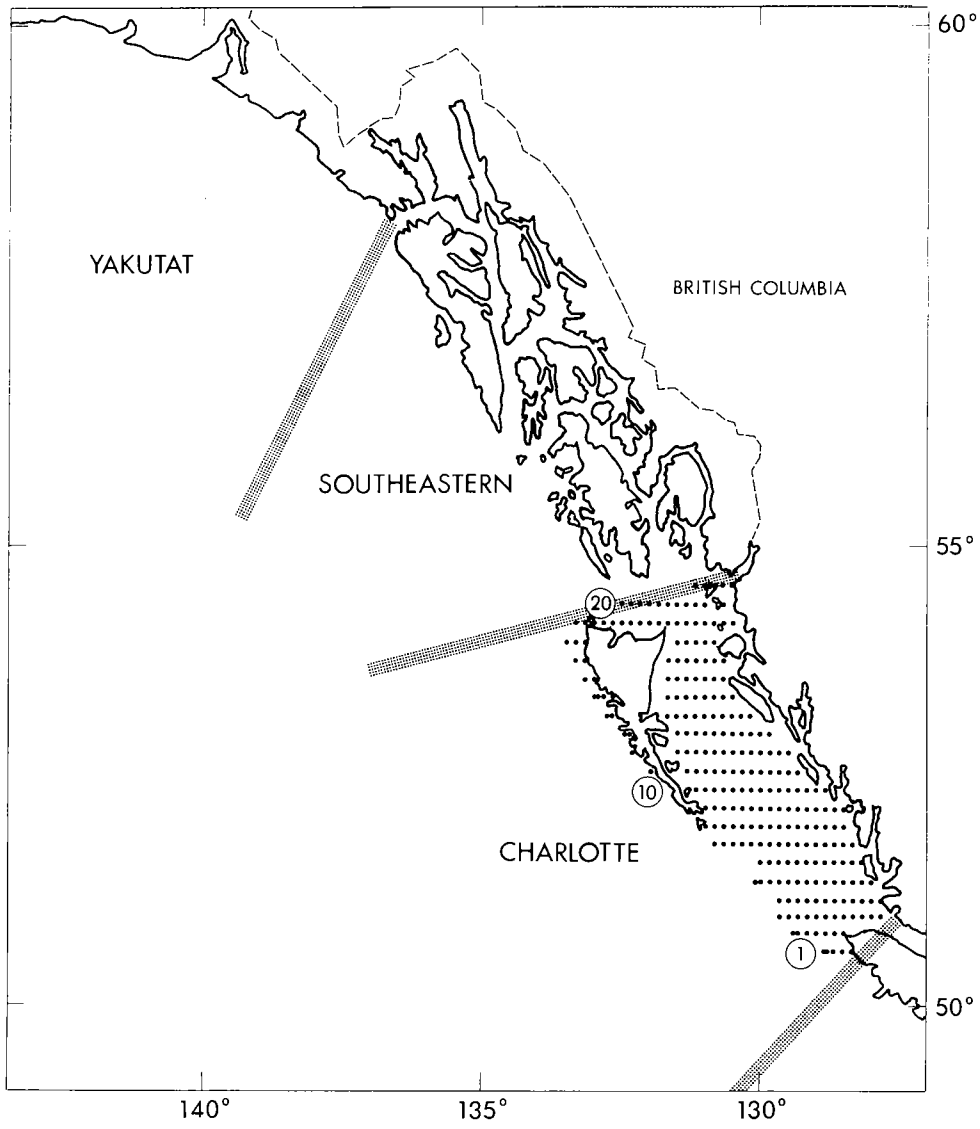


Figure 1. Station pattern in the Charlotte region, transects 1 through 21.

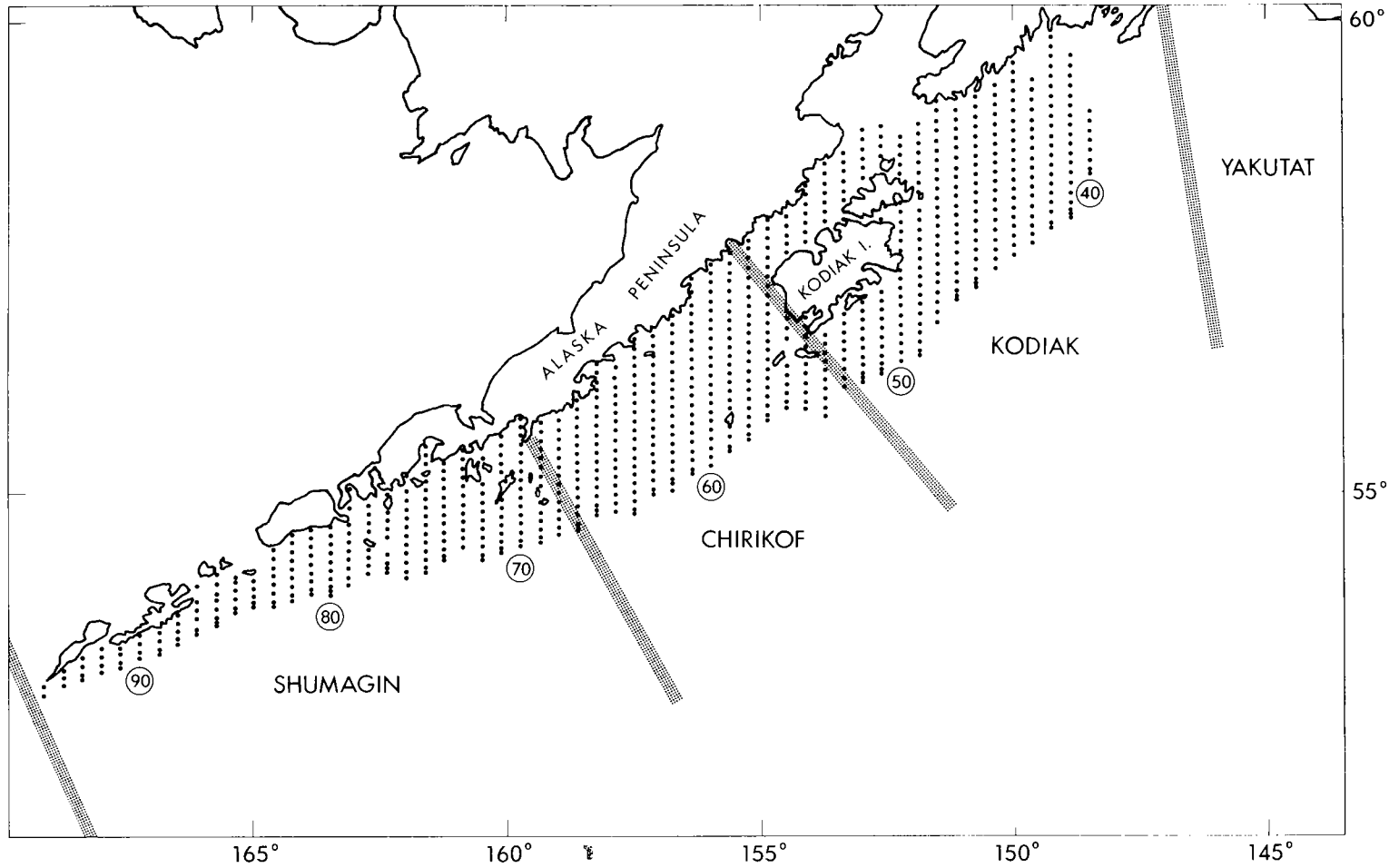


Figure 2. Station pattern in the Kodiak through Shumagin regions, transects 40 through 95.

TABLE 1. CATCH PER UNIT EFFORT (NUMBER OF FISH PER SKATE) AND AVERAGE WEIGHT (POUNDS, HEADS-OFF, EVISERATED) OF MALES AND FEMALES BY AGE, REGION AND YEAR.

REGION:		KODIAK 1963				KODIAK 1964				CHIRIKOF 1964			
YEAR:		MALES		FEMALES		MALES		FEMALES		MALES		FEMALES	
AGE	CPUE	AVG. WGT.	CPUE	AVG. WGT.	CPUE	AVG. WGT.	CPUE	AVG. WGT.	CPUE	AVG. WGT.	CPUE	AVG. WGT.	
2	-	-	-	-	-	-	-	-	-	-	-	-	
3	.0015	1.8	-	-	-	-	.0078	1.7	.0028	1.0	.0020	1.1	
4	.0041	2.3	.0052	3.6	.0130	2.9	.0629	3.4	.0109	2.2	.0272	3.1	
5	.0228	3.4	.0159	4.4	.0841	4.5	.2094	7.7	.0347	3.5	.0587	4.8	
6	.0963	6.8	.1124	9.8	.2482	6.2	.3150	9.4	.1178	5.9	.1549	9.9	
7	.1198	10.1	.1181	15.2	.5211	9.2	.7363	14.8	.2136	9.9	.3241	15.1	
8	.1942	11.7	.2438	18.8	.2340	13.6	.3158	20.6	.1406	13.7	.2352	21.1	
9	.1684	14.2	.2412	26.7	.3002	15.9	.5765	26.7	.2300	16.0	.4686	25.5	
10	.1497	20.3	.2119	36.3	.1430	20.4	.2753	33.3	.1061	19.4	.2286	36.9	
11	.1235	24.8	.1772	47.3	.1068	22.5	.1992	41.3	.0798	22.8	.2478	43.3	
12	.1487	26.8	.2555	50.8	.0645	33.6	.1670	56.1	.0430	28.7	.2059	58.1	
13	.0453	36.4	.1143	61.7	.0217	43.0	.0794	66.5	.0584	31.3	.2095	60.6	
14	.0207	39.4	.0514	69.9	.0406	37.3	.0625	61.6	.0129	38.7	.0776	74.2	
15	.0118	51.9	.0300	78.6	.0082	45.3	.0233	88.3	.0059	41.5	.0391	82.0	
16	.0030	52.1	.0298	81.5	.0049	37.7	.0163	87.3	.0031	49.0	.0237	91.9	
17	.0064	46.0	.0412	86.3	-	-	.0037	81.2	-	-	.0250	87.7	
18	.0024	46.7	.0322	88.1	-	-	.0063	99.8	.0009	79.4	.0159	105.2	
19	.0018	34.5	.0236	93.4	-	-	.0141	103.3	-	-	.0195	98.2	
20	-	-	.0120	106.6	-	-	.0090	100.4	-	-	.0105	98.1	
21	.0007	66.6	.0053	108.0	.0049	39.8	-	-	-	-	.0069	109.5	
22	-	-	.0012	107.5	-	-	.0076	102.4	.0009	71.2	.0041	130.1	
23	-	-	.0030	148.1	-	-	.0037	105.9	-	-	.0024	140.7	
24	-	-	.0018	120.5	-	-	-	-	-	-	.0004	181.9	
25+	-	-	.0005	130.5	-	-	-	-	-	-	.0008	90.1	
TOT	1.12		1.73		1.80		3.09		1.06		2.39		

REGION:		CHARLOTTE 1965				SHUMAGIN 1965				CHARLOTTE 1966			
YEAR:		MALES		FEMALES		MALES		FEMALES		MALES		FEMALES	
AGE	CPUE	AVG. WGT.	CPUE	AVG. WGT.	CPUE	AVG. WGT.	CPUE	AVG. WGT.	CPUE	AVG. WGT.	CPUE	AVG. WGT.	
2	-	-	-	-	-	-	-	-	-	-	.0023	1.3	
3	-	-	-	-	.0013	4.2	-	-	.0141	3.2	.0096	3.5	
4	.0108	1.8	.0078	4.6	.0203	6.4	.0079	8.7	.0211	4.2	.0206	5.7	
5	.0061	2.1	.0144	6.0	.0135	5.7	.0200	8.2	.0324	6.2	.0199	5.9	
6	.0091	4.6	.0356	10.1	.0431	6.6	.0375	9.8	.0455	6.2	.0369	10.5	
7	.0990	9.1	.1332	13.6	.0703	8.3	.0860	15.2	.0331	7.7	.0652	15.9	
8	.0665	12.0	.1697	21.4	.1000	8.9	.1416	19.0	.0976	9.1	.0971	17.2	
9	.0303	18.6	.1252	29.0	.0750	10.7	.1028	24.3	.0746	13.2	.0491	20.5	
10	.0544	21.5	.2861	35.7	.1397	14.4	.1048	30.0	.0454	17.8	.0674	25.4	
11	.0329	27.7	.1779	48.9	.0497	15.6	.0896	33.7	.0424	12.7	.0591	30.4	
12	.0301	28.1	.1169	55.1	.0562	15.8	.0932	43.5	.0232	19.7	.0419	40.6	
13	.0188	35.2	.1368	66.4	.0616	19.5	.0567	48.5	.0439	22.9	.0442	45.4	
14	.0153	41.1	.1313	73.8	.0314	19.3	.0598	53.1	.0151	16.7	.0359	55.4	
15	.0146	58.6	.0629	81.8	.0191	24.8	.0392	67.6	.0062	32.2	.0236	61.9	
16	.0014	53.9	.0274	97.1	.0111	31.6	.0333	74.2	-	-	.0224	73.6	
17	.0012	72.8	.0060	102.5	.0093	33.2	.0351	70.1	.0051	47.7	.0027	66.6	
18	-	-	.0117	98.5	.0138	22.0	.0193	65.9	-	-	.0110	63.7	
19	-	-	.0073	118.9	.0042	22.2	.0467	71.1	.0025	39.8	.0024	88.3	
20	-	-	.0059	123.2	.0066	32.9	.0283	77.0	-	-	.0094	85.7	
21	-	-	.0038	155.8	.0023	31.1	.0407	76.0	-	-	.0052	53.9	
22	-	-	.0032	181.4	.0136	38.3	.0233	67.1	-	-	-	-	
23	-	-	.0015	179.7	.0019	55.3	.0177	85.9	-	-	.0113	98.8	
24	-	-	.0018	132.9	-	-	.0063	90.2	-	-	.0127	109.4	
25+	-	-	-	-	.0061	48.0	.0175	83.9	-	-	.0189	117.1	
TOT	0.39		1.47		0.75		1.11		0.50		0.67		

TABLE 1. CATCH PER UNIT EFFORT (NUMBER OF FISH PER SKATE) AND AVERAGE WEIGHT (POUNDS, HEADS-OFF, EVISCERATED) OF MALES AND FEMALES BY AGE, REGION AND YEAR.

REGION: YEAR:	CHARLOTTE 1976				KODIAK 1976				CHARLOTTE 1977			
	MALES		FEMALES		MALES		FEMALES		MALES		FEMALES	
AGE	CPUE	AVG. WGT.	CPUE	AVG. WGT.	CPUE	AVG. WGT.	CPUE	AVG. WGT.	CPUE	AVG. WGT.	CPUE	AVG. WGT.
2	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-
4	.0058	3.4	-	-	.0186	1.4	.0056	0.9	-	-	.0058	4.6
5	.0149	6.0	.0059	10.1	.0089	4.9	.0441	2.6	-	-	.0025	7.9
6	.0328	7.9	.0407	12.9	.1157	3.6	.0862	4.3	.0298	7.7	.0199	10.4
7	.0364	6.9	.0560	16.5	.1862	7.1	.0738	5.8	.0547	8.1	.0470	12.5
8	.0605	11.2	.0682	14.7	.0816	8.5	.0634	13.1	.0406	9.1	.0523	15.6
9	.0864	10.3	.0926	22.7	.1009	15.8	.0707	30.3	.0281	9.9	.0390	16.0
10	.0733	10.3	.0667	30.5	.0530	19.0	.0519	35.5	.0550	12.8	.0669	26.4
11	.0587	15.4	.0627	31.4	.0344	18.1	.0212	64.2	.0213	12.0	.0177	39.4
12	.0141	11.4	.0503	49.6	-	-	.0597	67.8	.0417	19.9	.0211	41.3
13	-	-	.0599	49.9	.0223	38.3	.1066	88.8	.0172	16.9	.0246	44.8
14	.0069	22.3	.0191	54.6	.0503	48.9	.0611	64.0	.0109	18.6	.0090	49.5
15	.0113	14.6	.0445	78.9	-	-	.1295	89.1	.0131	21.5	.0094	65.5
16	.0049	20.2	.0072	66.3	-	-	-	-	.0071	17.6	.0125	58.7
17	-	-	.0108	100.0	-	-	.0112	154.6	-	-	.0029	71.2
18	-	-	.0034	86.5	-	-	-	-	.0047	51.4	.0167	88.5
19	.0163	37.8	.0120	97.0	-	-	.0056	220.7	-	-	.0029	110.1
20	-	-	.0039	99.8	-	-	-	-	-	-	.0029	157.7
21	-	-	.0058	127.5	-	-	-	-	-	-	.0043	92.0
22	-	-	.0058	110.3	-	-	-	-	-	-	.0050	83.5
23	-	-	-	-	-	-	-	-	-	-	.0038	77.7
24	-	-	-	-	-	-	-	-	-	-	-	-
25+	-	-	.0019	231.3	-	-	-	-	-	-	-	-
TOT	0.42		0.62		0.67		0.79		0.32		0.37	

REGION: YEAR:	KODIAK 1977				CHARLOTTE 1978				KODIAK 1978			
	MALES		FEMALES		MALES		FEMALES		MALES		FEMALES	
AGE	CPUE	AVG. WGT.	CPUE	AVG. WGT.	CPUE	AVG. WGT.	CPUE	AVG. WGT.	CPUE	AVG. WGT.	CPUE	AVG. WGT.
2	-	-	-	-	-	-	-	-	-	-	-	-
3	.0024	0.9	-	-	.0014	2.8	.0034	4.9	-	-	.0027	0.9
4	.0111	1.2	.0081	1.9	.0055	4.3	.0082	8.3	.0254	2.8	.0168	3.1
5	.0885	2.9	.0238	3.3	.0158	5.4	.0363	10.9	.1144	3.4	.0962	3.4
6	.1222	4.9	.0898	6.4	.0581	8.0	.0424	17.7	.1094	5.3	.1218	7.7
7	.1899	6.2	.2039	10.8	.0512	7.8	.0284	14.0	.1124	7.6	.0983	12.7
8	.2239	8.9	.1671	18.2	.0413	11.0	.0512	17.4	.1367	12.1	.1295	19.2
9	.1629	15.0	.2048	27.4	.0197	9.8	.0365	17.4	.0976	14.3	.0954	25.9
10	.1266	16.7	.1497	36.4	.0294	13.6	.0241	28.1	.0775	21.0	.0484	41.8
11	.0969	26.3	.1043	48.3	.0570	14.0	.0167	33.9	.0445	27.6	.0656	51.3
12	.0297	32.8	.0737	61.3	.0537	18.5	.0534	47.5	.0407	34.6	.0570	64.1
13	.0142	39.9	.0790	75.1	.0196	20.7	.0337	64.4	.0096	35.5	.0321	74.1
14	.0189	51.3	.0634	87.2	.0152	24.1	.0143	73.2	.0035	36.7	.0250	89.3
15	.0128	56.4	.0604	86.4	.0163	28.2	.0120	92.5	.0046	74.3	.0193	93.4
16	.0027	23.7	.0880	99.7	.0115	37.5	.0111	74.5	-	-	.0193	108.7
17	-	-	.0401	150.1	.0029	20.9	.0135	82.2	.0025	39.8	.0081	129.8
18	.0035	29.3	.0168	126.1	.0067	26.7	.0143	118.2	.0020	55.3	.0043	146.6
19	.0043	76.1	.0117	104.5	.0067	37.7	.0019	116.6	-	-	.0014	173.0
20	-	-	.0086	77.7	-	-	.0076	113.2	-	-	.0019	142.9
21	.0031	93.9	.0034	90.1	.0055	53.2	.0014	173.0	-	-	-	-
22	-	-	.0027	263.5	-	-	-	-	-	-	-	-
23	-	-	.0014	238.5	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-	-	-	-	-
25+	-	-	-	-	-	-	-	-	-	-	-	-
TOT	1.11		1.40		0.42		0.41		0.78		0.84	

TABLE 1. CATCH PER UNIT EFFORT (NUMBER OF FISH PER SKATE) AND AVERAGE WEIGHT (POUNDS, HEADS-OFF, EVISCERATED) OF MALES AND FEMALES BY AGE, REGION AND YEAR.

REGION:		KODIAK			
YEAR:		1979			
AGE	MALES		FEMALES		
	CPUE	AVG. WGT.	CPUE	AVG. WGT.	
2	-	-	-	-	
3	-	-	-	-	
4	.0019	1.3	.0090	1.7	
5	.0387	3.6	.0344	4.0	
6	.2119	4.7	.1546	6.2	
7	.2376	7.1	.2066	10.6	
8	.1547	10.7	.1626	16.9	
9	.1645	16.1	.1752	27.3	
10	.1451	18.8	.1032	30.4	
11	.0751	22.4	.1176	44.1	
12	.0591	25.8	.1138	55.8	
13	.0204	39.9	.0474	61.5	
14	.0125	39.0	.0434	75.6	
15	.0044	20.7	.0252	98.3	
16	.0110	52.2	.0224	103.0	
17	.0027	30.2	.0233	101.0	
18	.0022	72.8	.0101	125.2	
19	-	-	.0040	112.3	
20	-	-	.0034	117.8	
21	.0022	108.0	.0014	173.0	
22	-	-	.0021	56.6	
23	-	-	.0031	164.0	
24	-	-	.0014	238.5	
25+	-	-	.0014	217.3	
TOT	1.14		1.27		

TABLE 2. CATCH PER UNIT EFFORT (NUMBER OF FISH PER SKATE) OF MALES AND FEMALES BY 5 CM. LENGTH INTERVAL, REGION AND YEAR.

REGION: YEAR:	KODIAK 1963		KODIAK 1964		CHIRIKOF 1964		CHARLOTTE 1965		SHUMAGIN 1965	
	MALE CPUE	FEMALE CPUE	MALE CPUE	FEMALE CPUE	MALE CPUE	FEMALE CPUE	MALE CPUE	FEMALE CPUE	MALE CPUE	FEMALE CPUE
30-34	-	-	-	-	.0009	-	-	-	-	-
35-39	.0005	-	-	-	.0031	.0009	.0030	-	-	-
40-44	.0029	.0010	-	.0026	.0031	.0057	.0016	.0032	.0009	-
45-49	.0055	.0036	.0052	.0209	.0099	.0070	.0094	.0009	.0019	-
50-54	.0175	.0103	.0078	.0392	.0284	.0207	.0149	.0069	.0019	.0019
55-59	.0338	.0169	.0729	.0656	.0506	.0454	.0182	.0224	.0135	.0025
60-64	.0735	.0308	.1528	.0955	.0682	.0517	.0290	.0249	.0297	.0116
65-69	.0911	.0337	.1693	.1259	.0723	.0494	.0338	.0243	.0533	.0107
70-74	.0913	.0393	.1561	.1600	.0992	.0635	.0210	.0371	.0994	.0341
75-79	.0902	.0370	.2238	.1420	.0832	.0681	.0219	.0356	.1199	.0427
80-84	.0791	.0520	.2146	.1826	.0896	.0940	.0254	.0393	.0868	.0636
85-89	.0714	.0807	.1802	.1961	.0872	.1167	.0254	.0381	.0784	.0541
90-94	.0801	.0864	.1777	.2665	.0861	.1306	.0221	.0475	.0688	.0590
95-99	.0774	.0838	.0910	.2983	.0948	.1370	.0175	.0685	.0500	.0440
100-104	.0789	.1081	.1007	.2416	.0755	.1585	.0205	.0673	.0384	.0697
105-109	.0768	.0944	.0639	.2418	.0688	.1811	.0214	.0748	.0342	.0616
110-114	.0782	.1241	.0398	.1770	.0501	.1706	.0331	.0843	.0277	.0512
115-119	.0604	.1300	.0348	.1193	.0387	.1528	.0161	.1140	.0135	.0561
120-124	.0451	.1314	.0442	.1570	.0192	.1458	.0184	.0905	.0062	.0765
125-129	.0356	.1122	.0408	.1291	.0163	.1447	.0101	.1000	.0094	.0818
130-134	.0165	.1203	-	.1150	.0093	.1397	.0097	.1198	.0068	.0590
135-139	.0086	.1063	.0142	.0851	.0043	.1160	.0051	.0954	.0038	.0658
140-144	.0037	.0781	.0054	.0599	.0009	.1071	.0062	.0913	.0019	.0733
145-149	.0032	.0700	-	.0549	.0019	.0857	.0012	.0635	.0036	.0471
150-154	-	.0521	-	.0366	.0009	.0553	.0053	.0721	-	.0479
155-159	-	.0340	-	.0209	-	.0398	-	.0460	-	.0338
160-164	-	.0249	-	.0209	-	.0349	-	.0278	-	.0338
165-169	-	.0220	-	.0261	-	.0212	-	.0200	-	.0103
170-174	-	.0191	-	.0052	-	.0150	-	.0121	-	.0085
175-179	-	.0091	-	.0026	-	.0124	-	.0145	-	.0019
180-184	-	.0062	-	-	-	.0066	-	.0073	-	.0009
185-189	-	.0053	-	.0026	-	.0049	-	.0073	-	.0009
190-194	-	.0019	-	-	-	.0035	-	.0042	-	.0009
195-199	-	.0014	-	-	-	.0009	-	.0018	-	.0009
200+	-	.0010	-	-	-	.0013	-	.0036	-	.0009
TOTAL	1.12	1.73	1.80	3.09	1.06	2.39	0.39	1.47	0.75	1.11

REGION: YEAR:	CHARLOTTE 1966		CHARLOTTE 1976		KODIAK 1976		CHARLOTTE 1977		KODIAK 1977	
	MALE CPUE	FEMALE CPUE	MALE CPUE	FEMALE CPUE	MALE CPUE	FEMALE CPUE	MALE CPUE	FEMALE CPUE	MALE CPUE	FEMALE CPUE
30-34	-	-	-	-	-	-	-	-	.0014	-
35-39	-	-	-	-	-	.0056	-	-	.0108	-
40-44	.0023	.0023	-	-	.0223	-	-	-	.0068	-
45-49	.0056	.0037	-	-	.0074	.0149	-	-	.0135	.0135
50-54	.0046	.0046	-	-	.0558	.0279	.0029	-	.0624	.0284
55-59	.0220	.0073	.0058	-	.0614	.0614	.0057	-	.0869	.0174
60-64	.0366	.0113	.0156	-	.1340	.0447	.0033	.0067	.1266	.0414
65-69	.0534	.0314	.0330	-	.0544	.0181	.0245	.0171	.1309	.0628
70-74	.0802	.0201	.0808	.0048	.0503	.0503	.0469	.0148	.1094	.0680
75-79	.0363	.0363	.0907	.0181	.0126	.0377	.0662	.0199	.1065	.0561
80-84	.0702	.0301	.0713	.0356	.0335	-	.0446	.0357	.0749	.0416
85-89	.0407	.0441	.0454	.0518	.0112	.0112	.0510	.0179	.0677	.0406
90-94	.0445	.0404	.0135	.0876	.0614	-	.0287	.0287	.0517	.0485
95-99	.0244	.0558	.0243	.0437	.0279	-	.0117	.0313	.0366	.0866
100-104	.0276	.0387	.0208	.0278	.0186	.0093	.0165	.0165	.0325	.0704
105-109	.0126	.0461	-	.0428	.0179	.0268	-	.0244	.0423	.0755
110-114	.0145	.0318	.0048	.0380	.0140	.0419	-	.0287	.0347	.0452
115-119	.0167	.0234	.0071	.0356	.0251	.0084	.0057	.0115	.0496	.0682
120-124	.0050	.0428	.0052	.0259	.0140	.0140	.0115	.0172	.0141	.0848
125-129	.0051	.0257	-	.0369	-	.0503	-	.0072	.0140	.0524
130-134	-	.0247	-	.0369	.0503	-	.0047	.0140	.0151	.0527
135-139	-	.0309	.0042	.0211	-	.0223	-	.0100	.0071	.0566
140-144	-	.0216	-	.0194	-	.0614	-	.0158	.0075	.0522
145-149	-	.0139	-	.0175	-	.0503	-	.0115	.0087	.0564
150-154	-	.0278	-	.0214	-	.0893	-	.0115	-	.0515
155-159	-	.0170	-	.0136	-	.0391	-	.0129	.0031	.0470
160-164	-	.0170	-	.0156	-	.0391	-	.0043	-	.0474
165-169	-	.0046	-	.0039	-	.0335	-	.0029	-	.0366
170-174	-	.0077	-	.0058	-	.0056	-	.0014	-	.0312
175-179	-	.0031	-	.0039	-	.0168	-	.0029	-	.0095
180-184	-	.0031	-	.0019	-	-	-	-	-	.0230
185-189	-	.0015	-	.0039	-	-	-	-	-	.0176
190-194	-	-	-	.0019	-	-	-	-	-	.0081
195-199	-	-	-	-	-	.0056	-	.0014	-	.0054
200+	-	-	-	.0019	-	.0056	-	-	-	.0041
TOTAL	0.50	0.67	0.42	0.62	0.67	0.79	0.32	0.37	1.11	1.40

TABLE 2. CATCH PER UNIT EFFORT (NUMBER OF FISH PER SKATE) OF MALES AND FEMALES BY 5 CM. LENGTH INTERVAL, REGION AND YEAR.

REGION: YEAR:	CHARLOTTE 1978		KODIAK 1978		KODIAK 1979	
	MALE CPUE	FEMALE CPUE	MALE CPUE	FEMALE CPUE	MALE CPUE	FEMALE CPUE
30-34	-	-	-	-	-	-
35-39	-	-	-	.0027	-	-
40-44	-	-	.0014	-	.0038	.0019
45-49	-	-	.0318	.0094	.0035	.0106
50-54	.0029	-	.0443	.0422	.0524	.0112
55-59	.0072	-	.0644	.0412	.0752	.0394
60-64	.0165	.0138	.0816	.0500	.1222	.0631
65-69	.0304	.0028	.0988	.0494	.1415	.0579
70-74	.0474	.0219	.0721	.0623	.1213	.0809
75-79	.0441	.0309	.0659	.0520	.0951	.0760
80-84	.0803	.0236	.0528	.0281	.0872	.0698
85-89	.0446	.0347	.0464	.0387	.0854	.0546
90-94	.0334	.0286	.0318	.0382	.0564	.0666
95-99	.0383	.0223	.0289	.0315	.0591	.0738
100-104	.0115	.0173	.0291	.0175	.0549	.0568
105-109	.0200	.0160	.0398	.0398	.0521	.0667
110-114	.0071	.0247	.0269	.0376	.0504	.0528
115-119	.0176	.0141	.0212	.0282	.0235	.0641
120-124	.0067	.0135	.0127	.0381	.0140	.0652
125-129	-	.0130	.0031	.0408	.0274	.0518
130-134	.0072	.0144	.0169	.0338	.0047	.0420
135-139	-	.0231	.0040	.0180	.0021	.0530
140-144	-	.0173	.0021	.0171	.0074	.0492
145-149	-	.0216	-	.0247	.0022	.0219
150-154	-	.0144	.0050	.0224	-	.0212
155-159	-	.0058	-	.0206	-	.0354
160-164	.0023	.0092	-	.0137	-	.0127
165-169	-	.0101	-	.0110	.0022	.0304
170-174	-	.0058	-	.0069	-	.0170
175-179	-	.0072	-	.0137	-	.0028
180-184	-	-	-	.0096	-	.0085
185-189	-	.0014	-	-	-	.0028
190-194	-	.0014	-	.0041	-	.0014
195-199	-	.0014	-	-	-	-
200+	-	-	-	-	-	.0042
TOTAL	0.42	0.41	0.78	0.84	1.14	1.27

TABLE 3. NUMBER OF TAGS RELEASED BY 5 CM. LENGTH INTERVAL, TAG TYPE*, REGION AND YEAR.

REGION: YEAR:	KODIAK 1963						KODIAK 1964				
	LENGTH INTERVAL	M. STRAP	M. STRAP & DART	M. STRAP & LOOP	DART	LOOP & DART	M. STRAP	S. STRAP	M. STRAP & DART	DART	LOOP
35-39	-	-	-	-	1	-	-	-	-	-	-
40-44	-	-	-	-	4	-	-	-	-	-	1
45-49	-	-	-	-	10	4	-	-	-	3	2
50-54	-	-	-	-	27	4	-	-	-	5	1
55-59	-	-	-	-	53	8	-	-	-	8	7
60-64	-	1	-	-	117	21	1	-	-	26	4
65-69	-	-	-	-	48	1	103	-	4	39	2
70-74	-	-	-	-	41	1	117	1	6	33	-
75-79	-	2	-	-	34	5	86	4	11	40	-
80-84	-	98	53	-	-	-	-	57	8	-	-
85-89	1	113	51	1	-	-	-	62	11	-	-
90-94	-	105	52	-	-	-	-	70	10	-	-
95-99	-	109	49	-	-	-	-	67	5	-	-
100-104	2	118	53	-	-	-	-	54	9	-	-
105-109	-	124	48	-	-	-	-	44	6	-	-
110-114	1	125	56	-	-	-	-	32	2	-	-
115-119	-	110	54	-	-	-	-	24	4	-	-
120-124	1	91	45	-	-	-	-	34	2	-	-
125-129	-	64	48	-	-	-	-	36	4	-	-
130-134	1	73	37	-	-	-	-	23	-	-	-
135-139	-	57	22	-	-	-	-	24	-	-	-
140-144	-	38	22	-	-	-	-	12	1	-	-
145-149	-	27	8	-	-	-	-	8	2	-	-
150-154	-	16	13	-	-	-	-	3	1	-	-
155-159	-	9	3	-	-	-	-	4	-	-	-
160-164	-	4	4	-	-	-	-	2	-	-	-
165-169	-	4	5	-	-	-	-	3	-	-	-
170-174	-	7	-	-	-	-	-	-	-	-	-
175-179	-	-	-	-	-	-	-	-	-	-	-
180-184	-	1	-	-	-	-	-	-	-	-	-
185-189	-	2	-	-	-	-	-	1	-	-	-
190-194	-	-	-	-	-	-	-	-	-	-	-
195-199	-	-	-	-	-	-	-	-	-	-	-
200+	-	-	-	-	-	-	-	-	-	-	-
TOTAL	6	1298	623	336	44	307	564	87	112	44	15

REGION: YEAR:	CHIRIKOF 1964					SHUMAGIN 1965			
	LENGTH INTERVAL	M. STRAP	S. STRAP	M. STRAP & DART	DART	LOOP	M. STRAP	M. STRAP & WIRE	WIRE
35-39	-	-	-	-	-	-	-	-	3
40-44	-	-	-	-	3	-	-	-	5
45-49	-	-	-	-	4	5	-	-	6
50-54	-	-	-	-	40	7	-	-	14
55-59	-	-	-	-	74	12	1	-	38
60-64	-	-	-	-	112	6	-	-	39
65-69	12	8	113	4	-	1	53	-	-
70-74	14	10	155	1	-	1	50	-	-
75-79	25	15	122	-	-	2	53	-	-
80-84	187	19	-	-	-	50	1	-	-
85-89	242	18	-	-	-	65	-	-	-
90-94	244	22	-	-	-	71	-	-	-
95-99	262	14	1	-	-	83	-	-	-
100-104	265	13	-	-	-	79	-	-	-
105-109	289	11	-	-	-	104	-	-	-
110-114	248	12	1	-	-	104	-	-	-
115-119	232	8	-	-	-	114	-	-	-
120-124	192	9	-	-	-	103	-	-	-
125-129	186	10	-	-	-	108	-	-	-
130-134	179	13	1	-	-	121	-	-	-
135-139	153	6	1	-	-	90	-	-	-
140-144	112	6	-	-	-	83	1	-	-
145-149	99	5	-	-	-	56	-	-	-
150-154	59	5	-	-	-	69	-	-	-
155-159	38	4	-	-	-	36	-	-	-
160-164	31	4	-	-	-	28	-	-	-
165-169	22	1	-	-	-	15	-	-	-
170-174	13	-	-	-	-	13	-	-	-
175-179	10	-	-	-	-	14	-	-	-
180-184	1	-	-	-	-	3	-	-	-
185-189	3	-	-	-	-	6	-	-	-
190-194	1	-	-	-	-	3	-	-	-
195-199	-	-	-	-	-	2	-	-	-
200+	1	-	-	-	-	1	-	-	-
TOTAL	3120	213	394	238	30	1426	158	105	

*TAG TYPES: M. STRAP=MONEL STRAP, S. STRAP=STAINLESS STEEL STRAP.

TABLE 3. NUMBER OF TAGS RELEASED BY 5 CM. LENGTH INTERVAL, TAG TYPE*, REGION AND YEAR.

REGION: YEAR:	CHARLOTTE 1965				CHARLOTTE 1966			CHARLOTTE 1976	KODIAK 1976
LENGTH INTERVAL	M. STRAP	S. STRAP	M. STRAP & WIRE	WIRE	M. STRAP	M. STRAP & WIRE	WIRE	WIRE	
35-39	-	-	-	-	-	-	-	-	
40-44	-	-	-	-	-	-	1	-	
45-49	-	-	-	-	-	-	1	1	
50-54	-	-	-	-	-	-	4	7	
55-59	-	-	-	4	-	-	12	8	
60-64	-	-	-	11	-	-	22	11	
65-69	-	-	16	-	1	32	-	5	
70-74	-	-	50	-	2	42	-	11	
75-79	1	-	69	-	2	31	-	5	
80-84	61	16	-	-	55	-	-	4	
85-89	51	19	-	-	38	-	1	2	
90-94	53	13	-	-	47	-	-	6	
95-99	41	9	-	-	35	-	-	4	
100-104	59	8	-	-	24	-	-	2	
105-109	52	7	-	-	32	-	-	3	
110-114	39	7	-	-	24	-	-	4	
115-119	37	5	-	-	19	-	-	2	
120-124	43	5	-	-	18	-	-	3	
125-129	54	3	-	-	21	-	-	5	
130-134	37	4	-	-	12	-	-	7	
135-139	35	2	-	-	16	-	-	2	
140-144	41	-	-	-	11	-	-	9	
145-149	23	2	-	-	4	-	-	4	
150-154	20	-	-	-	12	-	-	10	
155-159	17	-	-	-	7	-	-	6	
160-164	11	-	-	-	9	-	-	6	
165-169	4	-	-	-	1	-	-	5	
170-174	2	-	-	-	5	-	-	1	
175-179	-	-	-	-	3	-	-	2	
180-184	1	-	-	-	2	-	-	-	
185-189	-	-	-	-	-	-	-	-	
190-194	-	-	-	-	-	-	-	-	
195-199	-	-	-	-	-	-	-	1	
200+	-	-	-	-	-	-	-	1	
TOTAL	682	100	135	15	401	105	41	337	

REGION: YEAR:	CHARLOTTE 1977	KODIAK 1977	CHARLOTTE 1978	KODIAK 1978	KODIAK 1979
LENGTH INTERVAL	WIRE	WIRE	WIRE	WIRE	WIRE
35-39	-	3	-	1	-
40-44	-	2	-	-	1
45-49	-	10	-	8	6
50-54	1	32	-	22	27
55-59	1	29	2	18	49
60-64	4	49	9	46	81
65-69	9	62	11	51	76
70-74	16	64	29	57	98
75-79	31	63	35	51	75
80-84	27	44	50	36	66
85-89	20	47	39	40	40
90-94	24	42	30	29	39
95-99	19	56	23	21	40
100-104	14	38	10	18	20
105-109	13	47	16	22	27
110-114	11	37	13	23	30
115-119	6	49	13	22	21
120-124	15	51	11	17	22
125-129	2	31	9	18	29
130-134	9	31	6	22	13
135-139	6	30	13	5	13
140-144	6	28	10	5	17
145-149	4	33	10	11	6
150-154	5	23	5	9	6
155-159	9	21	2	4	7
160-164	1	20	3	4	1
165-169	2	18	4	1	8
170-174	1	15	1	1	2
175-179	-	6	3	5	1
180-184	-	11	-	2	1
185-189	-	8	-	-	-
190-194	-	5	1	-	1
195-199	-	3	-	-	-
200+	-	2	-	-	-
TOTAL	256	1010	358	569	823

*TAG TYPES: M. STRAP=MONEL STRAP, S. STRAP=STAINLESS STEEL STRAP.

TABLE 4. INDIVIDUAL TAG RECOVERIES BY REGION, MONTH AND YEAR OF RELEASE.

RELEASE DATA				RECOVERY DATA					
REGION	MO/YR	LENGTH (CM)	TAG TYPES*	REGION	MO/YR	LENGTH (CM)	GEAR	SEX	AGE
KOD	5/63	124	M. STRAP	KOD	6/68	166	SETLINE	-	18
KOD	7/63	126	M. STRAP	KOD	6/68	153	SETLINE	-	-
KOD	5/63	98	M. STRAP DART (M)	KOD	7/63	99	SETLINE	M	11
KOD	5/63	130	M. STRAP DART (M)	KOD	7/63	131	SETLINE	F	14
KOD	5/63	128	M. STRAP DART	KOD	7/63	131	SETLINE	F	12
KOD	5/63	127	M. STRAP DART	KOD	8/64	136	SETLINE	F	13
KOD	5/63	93	M. STRAP DART	KOD	8/64	105	SETLINE	M	-
KOD	5/63	112	M. STRAP DART	KOD	5/63	114	SETLINE	M	18
KOD	5/63	116	M. STRAP DART (M)	KOD	5/63	116	SETLINE	-	9
KOD	5/63	112	M. STRAP DART	KOD	6/63	113	SETLINE	F	9
KOD	5/63	117	M. STRAP DART	KOD	7/63	121	SETLINE	-	9
KOD	5/63	107	M. STRAP DART	KOD	8/64	124	SETLINE	F	9
KOD	5/63	140	M. STRAP DART (M)	KOD	7/66	160	SETLINE	F	16
KOD	5/63	90	M. STRAP DART	KOD	5/67	131	SETLINE	F	11
KOD	5/63	112	M. STRAP DART (M)	KOD	5/64	-	SETLINE	-	-
KOD	5/63	113	M. STRAP DART	KOD	5/65	124	SETLINE	M	13
KOD	5/63	149	M. STRAP DART	KOD	5/65	162	SETLINE	F	13
KOD	5/63	144	M. STRAP DART	KOD	6/66	162	SETLINE	-	16
KOD	5/63	107	M. STRAP DART (M)	-	/67	-	TRAWL	-	-
KOD	5/63	120	M. STRAP DART	KOD	7/67	130	SETLINE	F	15
KOD	5/63	134	M. STRAP (M) DART	KOD	6/64	144	SETLINE	-	18
KOD	5/63	132	M. STRAP DART	KOD	6/64	138	SETLINE	-	-
KOD	5/63	134	M. STRAP DART	KOD	7/64	142	SETLINE	-	12
KOD	5/63	124	M. STRAP DART	KOD	7/64	132	SETLINE	F	-
KOD	5/63	96	M. STRAP DART (M)	KOD	5/66	119	SETLINE	-	10
KOD	5/63	114	M. STRAP DART	KOD	7/66	135	SETLINE	-	13
KOD	5/63	92	M. STRAP DART	KOD	5/67	-	SETLINE	-	11
KOD	5/63	82	M. STRAP DART (M)	KOD	6/67	125	SETLINE	-	13
KOD	5/63	111	M. STRAP DART	KOD	8/67	134	SETLINE	F	-
KOD	5/63	105	M. STRAP DART	KOD	6/68	156	SETLINE	-	12
KOD	5/63	135	M. STRAP DART (M)	CHIR	6/70	184	SETLINE	F	-
KOD	5/63	115	M. STRAP DART	KOD	6/63	110	SETLINE	-	10
KOD	5/63	143	M. STRAP DART	KOD	7/64	154	SETLINE	-	11
KOD	5/63	105	M. STRAP DART	KOD	7/64	113	SETLINE	M	12
KOD	5/63	118	M. STRAP DART (M)	KOD	5/65	140	SETLINE	-	13
KOD	5/63	124	M. STRAP DART	KOD	8/66	149	SETLINE	-	15
KOD	5/63	148	M. STRAP DART (M)	KOD	6/63	156	SETLINE	-	11
KOD	5/63	101	M. STRAP DART	KOD	5/64	115	SETLINE	-	11
KOD	5/63	124	M. STRAP DART	KOD	5/65	134	SETLINE	-	14
KOD	5/63	93	M. STRAP DART (M)	KOD	5/66	117	SETLINE	F	10
KOD	5/63	106	M. STRAP DART (M)	KOD	7/66	132	SETLINE	F	-
KOD	5/63	124	M. STRAP DART	KOD	7/63	127	SETLINE	F	13
KOD	5/63	99	M. STRAP DART	KOD	11/63	-	HANDLINE	-	-
KOD	5/63	92	M. STRAP DART	KOD	5/64	111	SETLINE	-	13
KOD	5/63	142	M. STRAP DART	-	5/64	154	SETLINE	-	13
KOD	5/63	88	M. STRAP DART	KOD	6/64	99	SETLINE	-	7
KOD	5/63	88	M. STRAP DART	KOD	6/64	99	SETLINE	-	9
KOD	5/63	89	M. STRAP DART	KOD	6/64	100	SETLINE	M	8
KOD	5/63	107	M. STRAP DART	KOD	6/66	140	SETLINE	F	13
KOD	5/63	132	M. STRAP (M) DART	KOD	6/66	-	SETLINE	F	-
KOD	5/63	81	M. STRAP DART (M)	KOD	6/67	115	SETLINE	-	13
KOD	5/63	85	M. STRAP DART	KOD	7/68	109	SETLINE	-	13
KOD	5/63	96	M. STRAP DART (M)	KOD	7/63	98	SETLINE	-	9
KOD	5/63	125	M. STRAP DART	KOD	7/63	128	SETLINE	M	13
KOD	5/63	103	M. STRAP DART (M)	KOD	7/63	106	SETLINE	-	12
KOD	5/63	80	M. STRAP DART (M)	KOD	7/63	82	SETLINE	-	8
KOD	5/63	105	M. STRAP DART (M)	KOD	7/63	107	SETLINE	-	11
KOD	5/63	102	M. STRAP DART	KOD	5/64	108	SETLINE	M	9
KOD	5/63	97	M. STRAP DART	KOD	5/64	107	SETLINE	F	9
KOD	5/63	103	M. STRAP (M) DART	KOD	8/64	113	SETLINE	M	9
KOD	5/63	99	M. STRAP DART	KOD	5/65	121	SETLINE	-	10
KOD	5/63	130	M. STRAP DART	KOD	5/65	140	SETLINE	F	13
KOD	5/63	97	M. STRAP DART	KOD	5/65	117	SETLINE	M	10
KOD	5/63	104	M. STRAP DART	KOD	8/65	122	SETLINE	-	10
KOD	5/63	120	M. STRAP DART	KOD	6/66	140	SETLINE	-	-
KOD	5/63	119	M. STRAP DART	KOD	7/66	135	SETLINE	-	15
KOD	5/63	127	M. STRAP DART	KOD	7/66	152	SETLINE	F	11
KOD	5/63	126	M. STRAP DART	KOD	8/67	162	SETLINE	F	14
KOD	5/63	121	M. STRAP DART	KOD	7/68	163	SETLINE	F	13
KOD	5/63	96	M. STRAP DART	KOD	5/69	126	SETLINE	M	13
KOD	5/63	82	M. STRAP DART (M)	KOD	5/65	102	SETLINE	-	8
KOD	5/63	112	M. STRAP DART (M)	KOD	5/66	150	SETLINE	-	-
KOD	5/63	64	M. STRAP DART	KOD	5/66	-	SETLINE	M	-
KOD	5/63	142	M. STRAP DART	KOD	7/67	162	SETLINE	F	20

*(M)=TAG MISSING AT RECOVERY, M. STRAP=MONEL STRAP, S. STRAP=STAINLESS STEEL STRAP.

TABLE 4. INDIVIDUAL TAG RECOVERIES BY REGION, MONTH AND YEAR OF RELEASE.

RELEASE DATA					RECOVERY DATA				
REGION	MO/YR	LENGTH (CM)	TAG TYPES*		REGION	MO/YR	LENGTH (CM)	GEAR	SEX AGE
KOD	5/63	94	M. STRAP	DART	-	12/68	140	TRAWL	F -
KOD	5/63	89	M. STRAP	DART	CHAR	8/65	90	SETLINE	- 10
KOD	5/63	106	M. STRAP	DART	-	3/66	109	-	- -
KOD	5/63	117	M. STRAP	DART	KOD	6/64	134	SETLINE	- 11
KOD	5/63	125	M. STRAP	DART	KOD	7/64	133	SETLINE	- 14
KOD	5/63	132	M. STRAP	DART (M)	KOD	5/66	158	SETLINE	F 13
KOD	5/63	116	M. STRAP	DART	YAK	5/68	147	SETLINE	M 17
KOD	5/63	134	M. STRAP	DART	KOD	6/64	142	SETLINE	- 11
KOD	5/63	112	M. STRAP	DART (M)	-	7/65	-	-	- -
KOD	5/63	127	M. STRAP	DART (M)	KOD	6/66	155	SETLINE	- -
KOD	5/63	105	M. STRAP	DART	KOD	6/66	135	SETLINE	- 12
KOD	5/63	132	M. STRAP	DART (M)	KOD	7/66	154	SETLINE	- 14
KOD	5/63	129	M. STRAP	DART	KOD	7/67	156	SETLINE	- 14
KOD	5/63	135	M. STRAP	DART (M)	KOD	8/64	140	SETLINE	F 12
KOD	5/63	104	M. STRAP	DART	KOD	5/65	117	SETLINE	F 13
KOD	5/63	99	M. STRAP	DART (M)	KOD	5/65	115	SETLINE	F 10
KOD	5/63	89	M. STRAP	DART	KOD	7/64	99	SETLINE	F -
KOD	5/63	97	M. STRAP	DART (M)	KOD	6/67	125	SETLINE	- 8
KOD	5/63	98	M. STRAP	DART (M)	KOD	10/67	148	SETLINE	- 13
KOD	5/63	114	M. STRAP	DART (M)	KOD	7/63	115	SETLINE	- 11
KOD	5/63	126	M. STRAP	DART	KOD	7/64	134	SETLINE	- 12
KOD	5/63	119	M. STRAP (M)	DART	KOD	5/65	122	SETLINE	- 13
KOD	5/63	130	M. STRAP	DART	KOD	7/65	153	SETLINE	F 15
KOD	5/63	101	M. STRAP	DART	KOD	8/65	115	SETLINE	M 12
KOD	5/63	106	M. STRAP	DART	KOD	6/67	125	SETLINE	F 15
KOD	5/63	94	M. STRAP	DART (M)	KOD	7/67	-	SETLINE	- -
KOD	5/63	94	M. STRAP (M)	DART	KOD	7/67	-	SETLINE	- -
KOD	5/63	119	M. STRAP	DART (M)	KOD	8/68	164	SETLINE	- 14
KOD	5/63	121	M. STRAP	DART (M)	KOD	5/69	156	SETLINE	- 15
KOD	5/63	90	M. STRAP	DART	KOD	7/63	94	SETLINE	M 11
KOD	5/63	113	M. STRAP	DART	KOD	5/65	124	SETLINE	- 11
KOD	5/63	133	M. STRAP	DART	KOD	7/65	150	SETLINE	F -
KOD	5/63	125	M. STRAP	DART	KOD	8/65	140	SETLINE	F 14
KOD	5/63	114	M. STRAP	DART	KOD	8/66	137	SETLINE	- -
KOD	5/63	113	M. STRAP	DART (M)	KOD	8/66	145	SETLINE	- -
KOD	5/63	94	M. STRAP	DART	KOD	5/65	106	SETLINE	- 14
KOD	5/63	111	M. STRAP	DART	KOD	5/65	-	SETLINE	F -
KOD	5/63	145	M. STRAP	DART	KOD	5/65	158	SETLINE	- 19
KOD	5/63	110	M. STRAP	DART	KOD	5/66	116	SETLINE	- 14
KOD	5/63	105	M. STRAP	DART (M)	KOD	5/66	116	SETLINE	- 14
KOD	5/63	84	M. STRAP	DART	KOD	7/63	86	SETLINE	M 8
KOD	5/63	112	M. STRAP	DART (M)	KOD	5/64	116	SETLINE	- 11
KOD	5/63	120	M. STRAP	DART	KOD	7/64	-	SETLINE	F 10
KOD	5/63	117	M. STRAP	DART (M)	KOD	8/64	131	SETLINE	F 10
KOD	5/63	122	M. STRAP (M)	DART	SE AK	8/66	153	SETLINE	- -
KOD	6/63	94	M. STRAP	DART (M)	CHAR	5/65	124	SETLINE	- 11
KOD	6/63	80	M. STRAP (M)	DART	KOD	6/65	97	SETLINE	- -
KOD	6/63	121	M. STRAP	DART	KOD	7/67	157	SETLINE	- 16
KOD	6/63	90	M. STRAP (M)	DART	VAN	6/69	109	TRAWL	M -
KOD	6/63	120	M. STRAP	DART (M)	KOD	7/63	117	SETLINE	- -
KOD	6/63	108	M. STRAP	DART	KOD	8/63	109	TRAWL	M 13
KOD	6/63	81	M. STRAP (M)	DART	KOD	9/63	-	HANDLINE	- -
KOD	6/63	102	M. STRAP	DART (M)	KOD	8/64	112	TRAWL	- -
KOD	6/63	95	M. STRAP	DART (M)	KOD	5/66	118	SETLINE	M 11
KOD	6/63	116	M. STRAP	DART (M)	KOD	7/66	145	SETLINE	- 12
KOD	6/63	85	M. STRAP	DART	YAK	5/66	90	SETLINE	M 13
KOD	6/63	81	M. STRAP	DART	CHIR	4/64	-	TRAWL	- -
KOD	6/63	124	M. STRAP	DART	KOD	5/64	123	SETLINE	- 9
KOD	6/63	84	M. STRAP	DART	KOD	8/64	93	SETLINE	- 10
KOD	6/63	112	M. STRAP	DART	KOD	5/64	121	SETLINE	F 11
KOD	6/63	114	M. STRAP	DART (M)	KOD	7/64	122	SETLINE	M -
KOD	6/63	116	M. STRAP	DART	KOD	6/67	144	SETLINE	- 14
KOD	6/63	126	M. STRAP	DART (M)	-	7/68	-	-	- -
KOD	6/63	131	M. STRAP	DART (M)	KOD	5/64	137	SETLINE	F 17
KOD	6/63	108	M. STRAP	DART (M)	KOD	5/64	108	SETLINE	- 11
KOD	6/63	108	M. STRAP	DART	KOD	6/64	115	SETLINE	F -
KOD	6/63	106	M. STRAP	DART	KOD	7/64	115	SETLINE	- 9
KOD	6/63	146	M. STRAP	DART	KOD	7/64	154	SETLINE	- 16
KOD	6/63	149	M. STRAP	DART	KOD	7/65	160	SETLINE	F 18
KOD	6/63	80	M. STRAP	DART	KOD	5/66	104	SETLINE	- 10
KOD	6/63	114	M. STRAP	DART (M)	KOD	5/65	136	SETLINE	- 12
KOD	6/63	104	M. STRAP (M)	DART	KOD	5/66	-	SETLINE	- -
KOD	6/63	101	M. STRAP	DART	KOD	5/66	122	SETLINE	F -
KOD	6/63	112	M. STRAP	DART	KOD	8/66	117	SETLINE	- 9

*(M)=TAG MISSING AT RECOVERY, M. STRAP=MONEL STRAP, S. STRAP=STAINLESS STEEL STRAP.

TABLE 4. INDIVIDUAL TAG RECOVERIES BY REGION, MONTH AND YEAR OF RELEASE.

RELEASE DATA					RECOVERY DATA				
REGION	MO/YR	LENGTH (CM)	TAG TYPES*		REGION	MO/YR	LENGTH (CM)	GEAR	SEX AGE
KOD	6/63	121	M. STRAP	DART	KOD	9/67	142	SETLINE	M 15
KOD	6/63	102	M. STRAP	DART(M)	KOD	5/66	132	SETLINE	F 15
KOD	6/63	108	M. STRAP	DART(M)	KOD	5/64	115	SETLINE	F 10
KOD	6/63	104	M. STRAP	DART	KOD	7/64	106	SETLINE	- 9
KOD	6/63	118	M. STRAP	DART	KOD	7/64	127	SETLINE	F -
KOD	6/63	120	M. STRAP	DART(M)	KOD	4/65	-	-	- -
KOD	6/63	108	M. STRAP	DART(M)	KOD	5/65	122	SETLINE	- 11
KOD	6/63	100	M. STRAP	DART	KOD	6/65	121	SETLINE	F 10
KOD	6/63	89	M. STRAP	DART	KOD	8/65	99	SETLINE	F 11
KOD	6/63	129	M. STRAP	DART	KOD	6/66	148	SETLINE	F 15
KOD	6/63	98	M. STRAP	DART	YAK	1/68	121	TRAWL	M -
KOD	6/63	120	M. STRAP	DART(M)	SE AK	5/64	124	SETLINE	M 10
KOD	6/63	82	M. STRAP(M)	DART	KOD	7/64	-	SETLINE	F -
KOD	6/63	153	M. STRAP	DART	KOD	7/66	170	SETLINE	F 20
KOD	6/63	131	M. STRAP	DART(M)	KOD	4/64	-	-	- -
KOD	6/63	96	M. STRAP	DART	KOD	6/65	114	SETLINE	- 11
KOD	6/63	129	M. STRAP	DART(M)	SE AK	7/66	145	SETLINE	F 14
KOD	7/63	148	M. STRAP	DART	KOD	7/63	-	SETLINE	- -
KOD	7/63	138	M. STRAP	DART	KOD	6/64	142	SETLINE	- -
KOD	7/63	123	M. STRAP	DART	KOD	6/66	140	SETLINE	- 15
KOD	7/63	92	M. STRAP	DART	KOD	8/66	121	SETLINE	- -
KOD	7/63	103	M. STRAP	DART(M)	KOD	5/64	114	SETLINE	- 7
KOD	7/63	110	M. STRAP	DART	KOD	6/64	124	SETLINE	M -
KOD	7/63	90	M. STRAP	DART	KOD	7/64	94	SETLINE	F -
KOD	7/63	88	M. STRAP	DART	KOD	5/66	110	SETLINE	- 11
KOD	7/63	82	M. STRAP	DART	KOD	6/66	108	SETLINE	F 10
KOD	7/63	93	M. STRAP(M)	DART	CHIR	8/66	110	SETLINE	- 11
KOD	7/63	114	M. STRAP	DART(M)	KOD	6/67	139	SETLINE	F 14
KOD	7/63	137	M. STRAP	DART(M)	KOD	6/66	163	SETLINE	- 16
KOD	7/63	103	M. STRAP	DART(M)	KOD	9/67	-	SETLINE	- 11
KOD	7/63	117	M. STRAP	DART(M)	KOD	6/71	-	SETLINE	F -
KOD	7/63	118	M. STRAP	DART	KOD	5/65	137	SETLINE	- 10
KOD	7/63	100	M. STRAP	DART(M)	KOD	7/67	140	SETLINE	- 15
KOD	7/63	105	M. STRAP	DART	YAK	1/68	140	TRAWL	- -
KOD	7/63	93	M. STRAP	DART	KOD	5/64	99	SETLINE	- 10
KOD	7/63	80	M. STRAP	DART	KOD	5/65	90	SETLINE	- 12
KOD	7/63	110	M. STRAP	DART(M)	KOD	7/65	127	SETLINE	F -
KOD	7/63	93	M. STRAP	DART	KOD	8/65	112	SETLINE	M 10
KOD	7/63	106	M. STRAP	DART	KOD	8/63	106	SETLINE	- 18
KOD	7/63	114	M. STRAP	DART	KOD	5/64	115	SETLINE	M 11
KOD	7/63	106	M. STRAP	DART	KOD	6/64	110	SETLINE	- 12
KOD	7/63	90	M. STRAP	DART(M)	KOD	6/66	107	SETLINE	M 9
KOD	7/63	147	M. STRAP	DART	KOD	7/66	166	SETLINE	F 16
KOD	7/63	109	M. STRAP	DART	KOD	8/66	138	SETLINE	F 12
KOD	7/63	97	M. STRAP	DART	KOD	6/64	106	SETLINE	- 11
KOD	7/63	107	M. STRAP	DART	KOD	8/64	115	SETLINE	- 14
KOD	7/63	124	M. STRAP	DART	KOD	8/65	146	SETLINE	F 10
KOD	7/63	126	M. STRAP	DART	KOD	8/65	146	SETLINE	F 13
KOD	7/63	91	M. STRAP	DART(M)	KOD	6/64	95	SETLINE	- 10
KOD	7/63	126	M. STRAP(M)	DART	KOD	8/64	-	SETLINE	- -
KOD	7/63	108	M. STRAP	DART	KOD	8/64	113	SETLINE	M -
KOD	7/63	80	M. STRAP	DART	KOD	6/65	86	SETLINE	F 13
KOD	7/63	105	M. STRAP	DART(M)	KOD	7/66	122	SETLINE	- 15
KOD	7/63	108	M. STRAP	DART	KOD	7/63	110	SETLINE	- 10
KOD	7/63	172	M. STRAP	DART	KOD	5/64	173	SETLINE	- 17
KOD	7/63	115	M. STRAP	DART	KOD	7/64	118	SETLINE	- 17
KOD	7/63	85	M. STRAP	DART	KOD	5/64	-	SETLINE	- -
KOD	7/63	108	M. STRAP	DART(M)	KOD	5/65	122	SETLINE	- 13
KOD	7/63	101	M. STRAP	DART(M)	KOD	7/66	133	SETLINE	F 11
KOD	7/63	122	M. STRAP	DART(M)	KOD	5/67	158	SETLINE	F 15
KOD	7/63	107	M. STRAP	DART	KOD	8/67	135	SETLINE	F 15
KOD	7/63	144	M. STRAP	DART(M)	KOD	6/64	143	SETLINE	- 13
KOD	7/63	131	M. STRAP	DART	KOD	8/64	143	SETLINE	- 10
KOD	7/63	155	M. STRAP	DART	KOD	8/63	154	SETLINE	F 16
KOD	7/63	108	M. STRAP	DART(M)	KOD	5/64	116	SETLINE	- 13
KOD	7/63	129	M. STRAP	DART	KOD	7/64	137	SETLINE	- 12
KOD	7/63	145	M. STRAP	DART(M)	KOD	8/65	150	SETLINE	- 16
KOD	7/63	140	M. STRAP	DART(M)	KOD	7/67	171	SETLINE	- 16
KOD	7/63	140	M. STRAP	DART(M)	KOD	6/64	141	SETLINE	F 11
KOD	7/63	132	M. STRAP	DART	KOD	7/64	137	SETLINE	F 12
KOD	7/63	116	M. STRAP	DART	KOD	7/64	129	SETLINE	- 11
KOD	7/63	143	M. STRAP	DART	KOD	8/67	168	SETLINE	F 21
KOD	7/63	115	M. STRAP	DART(M)	-	6/65	-	-	- 21
KOD	7/63	143	M. STRAP(M)	DART	KOD	8/65	156	SETLINE	F 12

*(M)=TAG MISSING AT RECOVERY, M. STRAP=MONEL STRAP, S. STRAP=STAINLESS STEEL STRAP.

TABLE 4. INDIVIDUAL TAG RECOVERIES BY REGION, MONTH AND YEAR OF RELEASE.

RELEASE DATA					RECOVERY DATA					
REGION	MO/YR	LENGTH (CM)	TAG TYPES*		REGION	MO/YR	LENGTH (CM)	GEAR	SEX	AGE
KOD	7/63	120	M. STRAP	DART	KOD	7/64	130	SETLINE	F	11
KOD	7/63	113	M. STRAP	DART(M)	KOD	7/64	120	SETLINE	-	-
KOD	7/63	81	M. STRAP	DART(M)	KOD	3/64	86	HANDLINE	-	-
KOD	7/63	98	M. STRAP	DART	KOD	7/65	113	SETLINE	M	-
KOD	7/63	91	M. STRAP	DART(M)	KOD	5/67	106	SETLINE	-	15
KOD	7/63	114	M. STRAP	DART(M)	KOD	5/67	130	SETLINE	-	15
KOD	7/63	90	M. STRAP	DART(M)	YAK	6/72	152	SETLINE	-	-
KOD	7/63	102	M. STRAP	DART	KOD	8/66	148	SETLINE	-	11
KOD	7/63	106	M. STRAP(M)	DART	KOD	5/64	109	SETLINE	-	11
KOD	7/63	100	M. STRAP(M)	DART	KOD	6/64	127	SETLINE	-	11
KOD	7/63	109	M. STRAP(M)	DART	KOD	6/65	127	SETLINE	F	14
KOD	7/63	137	M. STRAP	DART(M)	-	5/67	-	-	-	-
KOD	7/63	124	M. STRAP	DART(M)	KOD	7/69	160	SETLINE	-	10
KOD	7/63	113	M. STRAP	DART	KOD	7/64	-	SETLINE	-	-
KOD	7/63	135	M. STRAP	DART	KOD	8/64	141	SETLINE	-	12
KOD	7/63	95	M. STRAP	DART	KOD	8/64	101	SETLINE	-	10
KOD	7/63	156	M. STRAP	DART(M)	KOD	7/67	185	SETLINE	-	19
KOD	7/63	136	M. STRAP	DART	KOD	7/64	144	SETLINE	-	10
KOD	7/63	138	M. STRAP	DART	KOD	7/64	141	SETLINE	-	16
KOD	7/63	149	M. STRAP	DART	KOD	8/64	159	SETLINE	-	15
KOD	7/63	83	M. STRAP	DART	KOD	5/65	95	SETLINE	-	11
KOD	8/63	138	M. STRAP(M)	DART	SE AK	5/64	144	SETLINE	-	13
KOD	8/63	120	M. STRAP	DART	KOD	7/64	127	SETLINE	F	13
KOD	8/63	96	M. STRAP	DART(M)	KOD	6/65	103	SETLINE	-	7
KOD	8/63	132	M. STRAP(M)	DART	KOD	6/65	142	SETLINE	F	14
KOD	8/63	134	M. STRAP	DART	KOD	7/65	148	SETLINE	-	-
KOD	8/63	133	M. STRAP	DART	KOD	8/65	145	SETLINE	F	12
KOD	8/63	90	M. STRAP	DART	KOD	7/66	108	SETLINE	-	16
KOD	8/63	94	M. STRAP	DART	CHIR	6/64	104	SETLINE	-	-
KOD	8/63	110	M. STRAP	DART(M)	CHIR	7/66	136	SETLINE	-	13
KOD	8/63	108	M. STRAP	DART	KOD	8/63	107	TRAWL	M	11
KOD	8/63	83	M. STRAP	DART	KOD	8/63	84	TRAWL	M	8
KOD	8/63	85	M. STRAP	DART(M)	KOD	9/63	89	HANDLINE	-	9
KOD	8/63	80	M. STRAP	DART	CHIR	5/64	-	TRAWL	-	-
KOD	5/63	104	M. STRAP(M)	LOOP	KOD	7/63	107	SETLINE	-	9
KOD	5/63	138	M. STRAP	LOOP	KOD	7/63	140	SETLINE	F	12
KOD	5/63	131	M. STRAP	LOOP(M)	-	7/66	163	-	-	-
KOD	5/63	81	M. STRAP	LOOP	KOD	6/63	84	SETLINE	F	8
KOD	5/63	93	M. STRAP	LOOP	KOD	6/63	95	SETLINE	-	14
KOD	5/63	143	M. STRAP	LOOP(M)	KOD	8/65	158	SETLINE	F	16
KOD	5/63	142	M. STRAP	LOOP(M)	KOD	6/66	160	SETLINE	-	16
KOD	5/63	128	M. STRAP	LOOP(M)	KOD	7/67	152	SETLINE	-	15
KOD	5/63	107	M. STRAP	LOOP(M)	KOD	6/69	140	SETLINE	M	13
KOD	5/63	98	M. STRAP	LOOP(M)	KOD	5/66	135	SETLINE	-	11
KOD	5/63	103	M. STRAP	LOOP(M)	KOD	5/65	125	SETLINE	-	10
KOD	6/63	103	M. STRAP	LOOP	KOD	7/64	107	SETLINE	-	10
KOD	6/63	126	M. STRAP	LOOP(M)	KOD	5/66	-	SETLINE	-	-
KOD	6/63	83	M. STRAP	LOOP	KOD	8/63	85	SETLINE	-	12
KOD	6/63	100	M. STRAP	LOOP(M)	KOD	6/64	107	SETLINE	-	9
KOD	6/63	97	M. STRAP	LOOP(M)	KOD	5/68	137	SETLINE	-	-
KOD	6/63	124	M. STRAP	LOOP(M)	KOD	5/64	122	SETLINE	-	12
KOD	6/63	80	M. STRAP	LOOP(M)	KOD	6/65	95	SETLINE	F	8
KOD	6/63	112	M. STRAP	LOOP(M)	KOD	8/68	162	SETLINE	F	15
KOD	6/63	140	M. STRAP	LOOP	KOD	7/63	145	SETLINE	M	18
KOD	6/63	113	M. STRAP	LOOP(M)	YAK	5/66	128	SETLINE	-	13
KOD	6/63	142	M. STRAP	LOOP(M)	KOD	8/66	164	SETLINE	-	15
KOD	6/63	103	M. STRAP	LOOP(M)	KOD	8/65	132	SETLINE	-	10
KOD	6/63	90	M. STRAP	LOOP(M)	KOD	5/68	126	SETLINE	-	15
KOD	6/63	115	M. STRAP	LOOP(M)	KOD	6/64	122	SETLINE	-	10
KOD	6/63	117	M. STRAP	LOOP(M)	KOD	7/64	122	SETLINE	-	12
KOD	6/63	109	M. STRAP	LOOP(M)	-	7/69	-	SETLINE	-	-
KOD	6/63	132	M. STRAP	LOOP(M)	KOD	8/70	175	SETLINE	F	18
KOD	6/63	105	M. STRAP	LOOP(M)	KOD	8/66	122	SETLINE	F	13
KOD	6/63	138	M. STRAP	LOOP(M)	KOD	8/66	160	SETLINE	-	14
KOD	6/63	122	M. STRAP	LOOP(M)	KOD	9/67	-	SETLINE	F	-
KOD	6/63	108	M. STRAP	LOOP(M)	KOD	5/64	114	SETLINE	-	10
KOD	6/63	107	M. STRAP	LOOP(M)	YAK	6/71	155	SETLINE	F	13
KOD	7/63	97	M. STRAP	LOOP(M)	KOD	9/67	129	SETLINE	M	16
KOD	7/63	165	M. STRAP	LOOP(M)	KOD	5/65	173	SETLINE	-	19
KOD	7/63	158	M. STRAP	LOOP(M)	KOD	7/67	177	SETLINE	F	22
KOD	7/63	102	M. STRAP	LOOP	KOD	7/64	110	SETLINE	-	-
KOD	7/63	110	M. STRAP	LOOP(M)	KOD	5/65	123	SETLINE	-	14
KOD	7/63	100	M. STRAP	LOOP(M)	KOD	8/65	-	SETLINE	-	-
KOD	7/63	97	M. STRAP	LOOP(M)	KOD	8/65	120	SETLINE	M	13

*(M)=TAG MISSING AT RECOVERY, M. STRAP=MONEL STRAP, S. STRAP=STAINLESS STEEL STRAP.

TABLE 4. INDIVIDUAL TAG RECOVERIES BY REGION, MONTH AND YEAR OF RELEASE.

RELEASE DATA				RECOVERY DATA					
REGION	MO/YR	LENGTH (CM)	TAG TYPES*	REGION	MO/YR	LENGTH (CM)	GEAR	SEX	AGE
KOD	7/63	85	M. STRAP	KOD	5/64	92	SETLINE	-	-
KOD	7/63	84	M. STRAP	KOD	6/65	100	SETLINE	-	10
KOD	7/63	119	M. STRAP	KOD	8/65	134	SETLINE	-	12
KOD	7/63	102	M. STRAP	KOD	6/66	-	SETLINE	-	-
KOD	7/63	91	M. STRAP	KOD	6/64	94	SETLINE	-	10
KOD	7/63	112	M. STRAP	-	5/64	-	SETLINE	-	-
KOD	7/63	109	M. STRAP	KOD	6/66	136	SETLINE	-	11
KOD	7/63	150	M. STRAP	KOD	7/63	150	SETLINE	-	-
KOD	7/63	140	M. STRAP	KOD	7/63	137	SETLINE	-	-
KOD	7/63	134	M. STRAP	KOD	6/64	134	SETLINE	-	12
KOD	7/63	127	M. STRAP	KOD	8/64	133	SETLINE	F	12
KOD	7/63	128	M. STRAP	KOD	7/66	151	SETLINE	F	13
KOD	7/63	127	M. STRAP	KOD	5/65	136	SETLINE	M	11
KOD	7/63	130	M. STRAP	KOD	7/66	-	SETLINE	-	-
KOD	7/63	128	M. STRAP	KOD	7/66	134	SETLINE	-	13
KOD	7/63	117	M. STRAP	KOD	6/64	129	SETLINE	-	11
KOD	7/63	119	M. STRAP	KOD	7/64	128	SETLINE	-	11
KOD	7/63	135	M. STRAP	KOD	7/65	142	SETLINE	M	15
KOD	7/63	101	M. STRAP	KOD	5/67	131	SETLINE	F	12
KOD	7/63	112	M. STRAP	KOD	8/67	150	SETLINE	-	13
KOD	7/63	125	M. STRAP	KOD	6/68	169	SETLINE	-	17
KOD	7/63	117	M. STRAP	KOD	10/65	120	-	-	-
KOD	7/63	101	M. STRAP	YAK	7/66	123	SETLINE	M	11
KOD	7/63	154	M. STRAP	KOD	6/68	183	SETLINE	-	-
KOD	7/63	115	M. STRAP	KOD	7/64	118	SETLINE	-	10
KOD	7/63	105	M. STRAP	KOD	8/66	121	SETLINE	M	14
KOD	7/63	90	M. STRAP	KOD	6/64	92	SETLINE	F	13
KOD	7/63	119	M. STRAP (M)	KOD	7/64	129	SETLINE	-	12
KOD	7/63	126	M. STRAP	CHIR	6/67	160	SETLINE	-	-
KOD	7/63	130	M. STRAP	KOD	5/64	137	SETLINE	-	12
KOD	7/63	98	M. STRAP	KOD	6/64	108	SETLINE	F	10
KOD	7/63	117	M. STRAP	KOD	8/64	123	SETLINE	-	8
KOD	7/63	135	M. STRAP	KOD	8/64	142	SETLINE	-	14
KOD	8/63	151	M. STRAP	KOD	5/67	164	SETLINE	F	18
KOD	8/63	153	M. STRAP	KOD	5/64	160	SETLINE	F	10
KOD	8/63	142	M. STRAP	KOD	7/69	-	SETLINE	-	-
KOD	8/63	102	M. STRAP	SHUM	7/65	121	SETLINE	-	-
KOD	5/63	79	DART	KOD	7/65	104	SETLINE	M	10
KOD	5/63	62	DART	KOD	7/63	64	SETLINE	-	-
KOD	5/63	72	DART	KOD	6/64	77	SETLINE	-	8
KOD	5/63	74	DART	KOD	6/65	92	SETLINE	M	12
KOD	6/63	70	DART	KOD	6/65	-	SETLINE	-	-
KOD	7/63	56	DART	KOD	7/69	-	SETLINE	-	-
KOD	7/63	57	DART	KOD	7/65	69	SETLINE	-	7
KOD	7/63	60	DART	KOD	7/65	69	SETLINE	-	11
KOD	7/63	61	DART	KOD	7/65	72	SETLINE	M	6
KOD	7/63	57	DART	KOD	7/68	80	SETLINE	-	11
KOD	6/63	79	LOOP	KOD	8/66	122	SETLINE	-	11
KOD	7/63	75	LOOP (M)	KOD	5/64	78	SETLINE	M	12
KOD	7/63	68	LOOP	KOD	5/64	-	SETLINE	M	8
KOD	7/63	73	LOOP	KOD	5/65	94	SETLINE	-	8
KOD	7/63	60	LOOP	YAK	6/66	76	SETLINE	-	8
KOD	7/63	72	LOOP	SE AK	6/66	87	SETLINE	-	10
KOD	7/63	76	LOOP (M)	KOD	8/67	116	SETLINE	-	11
KOD	7/63	75	LOOP (M)	KOD	5/64	78	SETLINE	F	12
KOD	7/63	68	LOOP	KOD	5/64	70	SETLINE	M	-
KOD	7/63	65	LOOP (M)	KOD	6/65	92	SETLINE	-	7
KOD	7/63	76	LOOP (M)	KOD	7/66	92	SETLINE	M	12
KOD	7/63	79	LOOP	KOD	7/64	87	SETLINE	-	10
KOD	7/63	75	LOOP (M)	KOD	7/65	96	SETLINE	-	13
KOD	7/63	69	LOOP	KOD	7/67	113	SETLINE	-	9
KOD	7/63	72	LOOP (M)	KOD	7/66	80	SETLINE	-	15
KOD	7/63	74	LOOP	KOD	7/67	108	SETLINE	F	13
KOD	8/63	66	LOOP (M)	KOD	8/64	-	TRAWL	-	-
KOD	5/64	86	M. STRAP	SE AK	5/69	-	SETLINE	-	-
KOD	5/64	82	M. STRAP	KOD	7/71	-	SETLINE	-	-
KOD	5/64	89	M. STRAP	-	8/64	87	SETLINE	-	7
KOD	5/64	110	M. STRAP	KOD	7/66	116	SETLINE	-	12
KOD	5/64	102	M. STRAP	CHIR	8/67	139	SETLINE	F	10
KOD	5/64	108	M. STRAP	KOD	8/67	133	SETLINE	F	11
KOD	5/64	94	M. STRAP	CHIR	8/67	128	SETLINE	-	11
KOD	5/64	88	M. STRAP	KOD	7/70	120	SETLINE	F	12
KOD	5/64	85	M. STRAP	KOD	6/65	104	SETLINE	-	10
KOD	5/64	80	M. STRAP	KOD	6/66	-	SETLINE	-	-

*(M)=TAG MISSING AT RECOVERY, M. STRAP=MONEL STRAP, S. STRAP=STAINLESS STEEL STRAP.

TABLE 4. INDIVIDUAL TAG RECOVERIES BY REGION, MONTH AND YEAR OF RELEASE.

RELEASE DATA				RECOVERY DATA						
REGION	MO/YR	LENGTH (CM)	TAG TYPES*	REGION	MO/YR	LENGTH (CM)	GEAR	SEX	AGE	
KOD	5/64	131	M. STRAP	-	8/64	135	SETLINE	-	11	
KOD	5/64	112	M. STRAP	SE AK	7/65	117	SETLINE	M	8	
KOD	5/64	92	M. STRAP	KOD	6/66	100	SETLINE	-	9	
KOD	7/64	82	M. STRAP	CHIR	6/66	95	SETLINE	-	11	
KOD	7/64	87	M. STRAP	SE AK	7/66	96	SETLINE	-	12	
KOD	7/64	85	M. STRAP	KOD	5/67	-	SETLINE	-	-	
KOD	7/64	98	M. STRAP	SE AK	5/67	124	SETLINE	F	13	
KOD	7/64	97	M. STRAP	CHIR	8/68	116	SETLINE	F	11	
KOD	7/64	91	M. STRAP	KOD	5/68	120	SETLINE	-	11	
KOD	7/64	122	M. STRAP	KOD	8/64	124	SETLINE	-	10	
KOD	7/64	86	M. STRAP	KOD	6/65	100	SETLINE	M	-	
KOD	7/64	84	M. STRAP	CHIR	4/66	95	-	-	-	
KOD	7/64	97	M. STRAP	CHIR	8/66	105	SETLINE	F	12	
KOD	7/64	82	M. STRAP	CHIR	5/67	116	SETLINE	-	12	
KOD	7/64	138	M. STRAP	KOD	6/67	163	SETLINE	-	15	
KOD	7/64	102	M. STRAP	KOD	5/69	-	SETLINE	-	-	
KOD	7/64	95	M. STRAP	KOD	6/72	109	SETLINE	F	14	
KOD	7/64	102	M. STRAP	KOD	6/65	109	SETLINE	M	12	
KOD	7/64	135	M. STRAP	KOD	6/65	141	SETLINE	M	-	
KOD	7/64	92	M. STRAP	KOD	6/66	-	SETLINE	-	-	
KOD	7/64	125	M. STRAP	KOD	5/67	141	SETLINE	F	-	
KOD	7/64	97	M. STRAP	KOD	7/67	128	SETLINE	-	13	
KOD	7/64	154	M. STRAP	CHIR	9/67	164	SETLINE	-	19	
KOD	7/64	109	M. STRAP	KOD	5/68	-	SETLINE	F	-	
KOD	7/64	97	M. STRAP	KOD	8/69	121	SETLINE	F	9	
KOD	7/64	118	M. STRAP	KOD	8/69	150	SETLINE	M	11	
KOD	7/64	116	M. STRAP	CHIR	5/70	147	SETLINE	F	-	
KOD	7/64	83	M. STRAP	KOD	5/65	86	SETLINE	-	9	
KOD	7/64	114	M. STRAP	KOD	6/65	118	SETLINE	M	-	
KOD	7/64	137	M. STRAP	KOD	6/65	142	SETLINE	F	-	
KOD	7/64	100	M. STRAP	KOD	6/65	107	SETLINE	-	11	
KOD	7/64	98	M. STRAP	KOD	7/65	105	SETLINE	F	8	
KOD	7/64	127	M. STRAP	-	5/66	143	SETLINE	F	15	
KOD	7/64	80	M. STRAP	CHIR	7/66	93	SETLINE	-	8	
KOD	7/64	97	M. STRAP	CHAR	6/67	112	SETLINE	-	10	
KOD	7/64	125	M. STRAP	KOD	6/67	152	SETLINE	-	14	
KOD	7/64	90	M. STRAP	KOD	5/68	116	SETLINE	-	13	
KOD	7/64	87	M. STRAP	CHIR	8/68	115	SETLINE	M	13	
KOD	7/64	122	M. STRAP	KOD	6/71	-	SETLINE	F	16	
KOD	7/64	104	M. STRAP	KOD	6/71	-	SETLINE	F	-	
KOD	7/64	90	M. STRAP	CHIR	5/65	94	SETLINE	F	12	
KOD	7/64	110	M. STRAP	YAK	5/65	113	SETLINE	-	14	
KOD	7/64	137	M. STRAP	KOD	6/67	152	SETLINE	-	13	
KOD	7/64	110	M. STRAP	CHIR	6/67	123	SETLINE	-	15	
KOD	7/64	109	M. STRAP	SE AK	8/67	119	SETLINE	-	11	
KOD	7/64	105	M. STRAP	CHIR	6/68	115	SETLINE	-	15	
KOD	7/64	105	M. STRAP	CHIR	6/68	126	SETLINE	M	13	
KOD	7/64	122	M. STRAP	KOD	5/69	149	SETLINE	-	11	
KOD	7/64	90	M. STRAP	CHIR	5/65	98	SETLINE	-	11	
KOD	7/64	148	M. STRAP	KOD	6/67	169	SETLINE	-	11	
KOD	7/64	109	M. STRAP	YAK	5/70	147	SETLINE	-	11	
KOD	7/64	105	M. STRAP	CHIR	5/70	127	SETLINE	-	18	
KOD	5/64	140	S. STRAP	KOD	7/67	157	SETLINE	-	16	
KOD	5/64	88	S. STRAP	KOD	6/65	95	SETLINE	F	10	
KOD	5/64	86	S. STRAP	CHIR	5/68	122	SETLINE	F	12	
KOD	5/64	89	S. STRAP	-	7/69	-	SETLINE	-	-	
KOD	5/64	101	S. STRAP	-	5/69	-	-	-	-	
KOD	5/64	109	S. STRAP	KOD	5/69	141	SETLINE	-	14	
KOD	5/64	92	S. STRAP	KOD	6/65	94	SETLINE	-	-	
KOD	5/64	128	S. STRAP	KOD	5/66	-	SETLINE	F	-	
KOD	5/64	148	S. STRAP	-	6/66	-	-	-	-	
KOD	5/64	98	S. STRAP	KOD	8/66	117	SETLINE	-	13	
KOD	5/64	106	S. STRAP	KOD	7/69	-	SETLINE	-	-	
KOD	5/64	90	S. STRAP	KOD	7/66	-	SETLINE	-	-	
KOD	5/64	76	M. STRAP	DART	KOD	7/67	93	SETLINE	-	12
KOD	5/64	71	M. STRAP	DART	KOD	5/71	-	SETLINE	F	-
KOD	5/64	69	M. STRAP	DART	KOD	8/66	94	SETLINE	F	7
KOD	5/64	73	M. STRAP	DART	KOD	5/67	90	SETLINE	M	11
KOD	7/64	66	M. STRAP	DART	KOD	5/65	-	SETLINE	-	-
KOD	7/64	77	M. STRAP	DART	KOD	7/67	96	SETLINE	-	8
KOD	7/64	74	M. STRAP (M)	DART	CHIR	5/68	94	SETLINE	F	10
KOD	7/64	67	M. STRAP	DART	CHIR	5/66	75	SETLINE	-	7
KOD	7/64	67	M. STRAP	DART	CHIR	5/65	72	SETLINE	-	8
CHIR	5/64	103	M. STRAP	CHIR	7/66	117	SETLINE	-	11	

*(M)=TAG MISSING AT RECOVERY, M. STRAP=MONEL STRAP, S. STRAP=STAINLESS STEEL STRAP.

TABLE 4. INDIVIDUAL TAG RECOVERIES BY REGION, MONTH AND YEAR OF RELEASE.

RELEASE DATA				RECOVERY DATA					
REGION	MO/YR	LENGTH (CM)	TAG TYPES*	REGION	MO/YR	LENGTH (CM)	GEAR	SEX	AGE
CHIR	5/64	115	M. STRAP	CHIR	7/66	130	SETLINE	-	12
CHIR	5/64	100	M. STRAP	CHIR	7/67	126	SETLINE	-	9
CHIR	5/64	103	M. STRAP	CHIR	7/64	-	SETLINE	-	8
CHIR	5/64	123	M. STRAP	CHIR	6/66	138	SETLINE	F	12
CHIR	5/64	118	M. STRAP	KOD	5/67	137	SETLINE	F	14
CHIR	5/64	108	M. STRAP	CHIR	7/69	-	SETLINE	-	-
CHIR	5/64	97	M. STRAP	CHIR	5/65	103	SETLINE	-	8
CHIR	5/64	94	M. STRAP	CHIR	5/65	109	SETLINE	F	11
CHIR	5/64	86	M. STRAP	YAK	8/65	93	SETLINE	M	10
CHIR	5/64	99	M. STRAP	CHIR	6/66	125	SETLINE	-	13
CHIR	5/64	148	M. STRAP	CHIR	6/64	-	SETLINE	F	15
CHIR	5/64	89	M. STRAP	KOD	5/67	112	SETLINE	F	-
CHIR	5/64	134	M. STRAP	CHIR	5/68	160	SETLINE	-	12
CHIR	5/64	92	M. STRAP	CHIR	7/64	94	SETLINE	F	7
CHIR	5/64	81	M. STRAP	KOD	8/66	100	SETLINE	-	10
CHIR	5/64	86	M. STRAP	CHIR	8/65	96	SETLINE	-	9
CHIR	5/64	121	M. STRAP	KOD	8/66	-	SETLINE	F	12
CHIR	5/64	129	M. STRAP	KOD	7/64	130	SETLINE	-	13
CHIR	5/64	123	M. STRAP	KOD	7/64	128	SETLINE	F	-
CHIR	5/64	108	M. STRAP	KOD	7/64	110	SETLINE	-	10
CHIR	5/64	92	M. STRAP	CHIR	7/66	116	SETLINE	M	10
CHIR	5/64	132	M. STRAP	KOD	8/67	-	SETLINE	-	-
CHIR	5/64	141	M. STRAP	CHIR	6/64	143	SETLINE	F	12
CHIR	5/64	149	M. STRAP	CHIR	11/65	-	-	-	-
CHIR	5/64	110	M. STRAP	CHIR	8/65	128	SETLINE	F	11
CHIR	5/64	144	M. STRAP	CHIR	8/66	152	SETLINE	F	14
CHIR	5/64	110	M. STRAP	CHIR	8/65	116	SETLINE	-	9
CHIR	5/64	139	M. STRAP	CHIR	5/66	148	SETLINE	-	15
CHIR	5/64	80	M. STRAP	CHIR	8/67	109	SETLINE	-	10
CHIR	5/64	126	M. STRAP	KOD	5/69	138	SETLINE	-	17
CHIR	5/64	135	M. STRAP	CHIR	5/65	140	SETLINE	F	12
CHIR	5/64	112	M. STRAP	KOD	6/65	125	SETLINE	-	12
CHIR	5/64	122	M. STRAP	CHIR	8/65	-	SETLINE	-	12
CHIR	5/64	155	M. STRAP	CHIR	8/65	164	SETLINE	-	-
CHIR	5/64	142	M. STRAP	CHIR	8/65	151	SETLINE	F	-
CHIR	5/64	114	M. STRAP	-	3/66	-	-	-	-
CHIR	5/64	120	M. STRAP	KOD	7/67	152	SETLINE	-	12
CHIR	5/64	132	M. STRAP	CHIR	7/67	151	SETLINE	-	12
CHIR	5/64	111	M. STRAP	KOD	7/67	141	SETLINE	-	12
CHIR	5/64	149	M. STRAP	CHIR	8/68	180	SETLINE	-	16
CHIR	5/64	100	M. STRAP	KOD	6/69	-	SETLINE	-	11
CHIR	6/64	116	M. STRAP	KOD	7/68	-	SETLINE	-	-
CHIR	6/64	163	M. STRAP	CHIR	7/64	-	SETLINE	-	-
CHIR	6/64	141	M. STRAP	CHIR	5/65	150	SETLINE	-	-
CHIR	6/64	114	M. STRAP	CHIR	6/67	142	SETLINE	F	17
CHIR	6/64	150	M. STRAP	CHIR	7/67	168	SETLINE	-	15
CHIR	6/64	143	M. STRAP	CHIR	9/67	154	SETLINE	-	13
CHIR	6/64	86	M. STRAP	CHIR	6/64	87	SETLINE	M	13
CHIR	6/64	129	M. STRAP	CHIR	5/65	-	SETLINE	-	-
CHIR	6/64	111	M. STRAP	CHIR	1/66	121	TRAWL	M	10
CHIR	6/64	139	M. STRAP	CHIR	8/66	153	SETLINE	-	14
CHIR	6/64	124	M. STRAP	CHIR	7/70	169	SETLINE	-	18
CHIR	6/64	150	M. STRAP	CHIR	7/71	170	SETLINE	F	22
CHIR	6/64	87	M. STRAP	CHIR	7/65	95	SETLINE	-	7
CHIR	6/64	118	M. STRAP	CHIR	5/66	127	SETLINE	-	-
CHIR	6/64	102	M. STRAP	KOD	6/67	-	SETLINE	-	11
CHIR	6/64	97	M. STRAP	SHUM	7/64	97	SETLINE	-	12
CHIR	6/64	149	M. STRAP	-	1/66	-	-	-	-
CHIR	6/64	142	M. STRAP	CHIR	5/66	147	SETLINE	-	16
CHIR	6/64	119	M. STRAP	CHIR	7/68	168	SETLINE	-	15
CHIR	6/64	91	M. STRAP	CHIR	8/64	-	SETLINE	-	-
CHIR	6/64	141	M. STRAP	CHIR	8/65	-	SETLINE	-	17
CHIR	6/64	97	M. STRAP	CHIR	7/65	104	SETLINE	-	9
CHIR	6/64	104	M. STRAP	CHIR	8/68	140	SETLINE	-	9
CHIR	6/64	107	M. STRAP	KOD	5/65	114	SETLINE	M	10
CHIR	6/64	107	M. STRAP	CHIR	8/66	128	SETLINE	-	9
CHIR	6/64	128	M. STRAP	CHIR	8/64	129	SETLINE	-	11
CHIR	6/64	87	M. STRAP	YAK	6/65	89	SETLINE	M	11
CHIR	6/64	98	M. STRAP	CHIR	8/65	-	SETLINE	-	7
CHIR	6/64	108	M. STRAP	CHIR	1/66	122	-	-	-
CHIR	6/64	90	M. STRAP	CHIR	6/66	112	SETLINE	-	12
CHIR	6/64	99	M. STRAP	CHIR	6/67	116	SETLINE	F	13
CHIR	6/64	89	M. STRAP	KOD	7/68	-	SETLINE	-	-
CHIR	6/64	133	M. STRAP	CHIR	7/65	141	SETLINE	-	17

*(M)=TAG MISSING AT RECOVERY, M. STRAP=MONEL STRAP, S. STRAP=STAINLESS STEEL STRAP.

TABLE 4. INDIVIDUAL TAG RECOVERIES BY REGION, MONTH AND YEAR OF RELEASE.

RELEASE DATA				RECOVERY DATA					
REGION	MO/YR	LENGTH (CM)	TAG TYPES*	REGION	MO/YR	LENGTH (CM)	GEAR	SEX	AGE
CHIR	6/64	128	M. STRAP	CHIR	7/65	135	SETLINE	F	12
CHIR	6/64	125	M. STRAP	CHIR	5/68	153	SETLINE	M	17
CHIR	6/64	143	M. STRAP	CHIR	8/64	148	SETLINE	-	15
CHIR	6/64	115	M. STRAP	SHUM	8/66	137	SETLINE	-	11
CHIR	6/64	106	M. STRAP	CHIR	9/69	147	SETLINE	-	13
CHIR	6/64	137	M. STRAP	CHIR	6/65	145	SETLINE	F	14
CHIR	6/64	87	M. STRAP	CHIR	5/66	107	SETLINE	-	8
CHIR	6/64	105	M. STRAP	CHIR	5/66	120	SETLINE	-	13
CHIR	6/64	138	M. STRAP	CHIR	7/65	142	SETLINE	-	12
CHIR	6/64	140	M. STRAP	CHIR	5/68	162	SETLINE	-	16
CHIR	6/64	129	M. STRAP	CHIR	5/65	136	SETLINE	-	13
CHIR	6/64	138	M. STRAP	CHIR	6/65	146	SETLINE	-	13
CHIR	6/64	121	M. STRAP	CHIR	8/65	125	SETLINE	F	13
CHIR	6/64	106	M. STRAP	CHIR	6/66	123	SETLINE	-	10
CHIR	6/64	120	M. STRAP	CHIR	6/67	140	SETLINE	M	-
CHIR	6/64	105	M. STRAP	CHIR	7/69	155	SETLINE	-	14
CHIR	6/64	117	M. STRAP	CHIR	8/64	116	SETLINE	-	12
CHIR	6/64	117	M. STRAP	CHIR	8/64	117	SETLINE	-	-
CHIR	6/64	105	M. STRAP	CHIR	6/65	108	SETLINE	M	12
CHIR	6/64	146	M. STRAP	CHIR	7/65	-	SETLINE	-	-
CHIR	6/64	134	M. STRAP	CHIR	7/66	150	SETLINE	-	11
CHIR	6/64	125	M. STRAP	CHIR	8/66	-	SETLINE	-	11
CHIR	6/64	118	M. STRAP	CHIR	7/67	147	SETLINE	F	8
CHIR	6/64	107	M. STRAP	YAK	8/67	-	SETLINE	-	-
CHIR	6/64	127	M. STRAP	CHIR	8/67	161	SETLINE	-	16
CHIR	6/64	113	M. STRAP	CHIR	7/68	152	SETLINE	-	15
CHIR	6/64	146	M. STRAP	CHIR	6/69	-	SETLINE	-	-
CHIR	6/64	145	M. STRAP	CHIR	7/64	142	SETLINE	F	18
CHIR	6/64	148	M. STRAP	SE AK	9/65	154	SETLINE	-	18
CHIR	6/64	136	M. STRAP	CHIR	8/66	144	SETLINE	-	12
CHIR	6/64	117	M. STRAP	CHIR	6/67	140	SETLINE	-	13
CHIR	6/64	116	M. STRAP	CHIR	9/68	150	SETLINE	-	10
CHIR	6/64	130	M. STRAP	KOD	6/65	137	SETLINE	F	15
CHIR	6/64	160	M. STRAP	CHIR	5/65	164	SETLINE	F	19
CHIR	6/64	138	M. STRAP	CHIR	7/65	151	SETLINE	F	-
CHIR	6/64	113	M. STRAP	CHIR	7/65	122	SETLINE	F	9
CHIR	6/64	100	M. STRAP	CHIR	8/65	106	SETLINE	M	-
CHIR	6/64	124	M. STRAP	CHIR	5/66	147	SETLINE	-	11
CHIR	6/64	115	M. STRAP	KOD	6/66	120	SETLINE	M	12
CHIR	6/64	166	M. STRAP	CHIR	6/65	170	SETLINE	F	-
CHIR	6/64	135	M. STRAP	CHAR	6/66	145	SETLINE	-	12
CHIR	6/64	91	M. STRAP	CHIR	7/64	92	SETLINE	-	8
CHIR	6/64	91	M. STRAP	CHIR	5/65	101	SETLINE	-	10
CHIR	6/64	134	M. STRAP	-	6/65	-	SETLINE	-	-
CHIR	6/64	153	M. STRAP	CHIR	7/65	157	SETLINE	-	-
CHIR	6/64	105	M. STRAP	YAK	7/65	-	SETLINE	-	10
CHIR	6/64	95	M. STRAP	CHIR	7/65	103	SETLINE	F	-
CHIR	6/64	106	M. STRAP	CHIR	8/65	111	SETLINE	M	10
CHIR	6/64	108	M. STRAP	CHIR	7/66	127	SETLINE	-	12
CHIR	6/64	113	M. STRAP	CHIR	7/66	131	SETLINE	-	11
CHIR	6/64	107	M. STRAP	CHIR	7/66	121	SETLINE	-	9
CHIR	6/64	105	M. STRAP	CHAR	8/67	126	SETLINE	-	13
CHIR	6/64	139	M. STRAP	CHIR	8/67	-	SETLINE	-	-
CHIR	6/64	88	M. STRAP	CHIR	5/69	128	SETLINE	-	9
CHIR	6/64	119	M. STRAP	CHIR	5/65	128	SETLINE	-	13
CHIR	6/64	102	M. STRAP	SE AK	6/67	124	SETLINE	-	12
CHIR	7/64	97	M. STRAP	YAK	6/65	100	SETLINE	-	10
CHIR	7/64	132	M. STRAP	KOD	6/66	143	SETLINE	-	13
CHIR	7/64	113	M. STRAP	KOD	5/67	136	SETLINE	-	12
CHIR	7/64	111	M. STRAP	KOD	6/67	138	SETLINE	-	11
CHIR	7/64	127	M. STRAP	CHIR	6/67	130	SETLINE	-	-
CHIR	7/64	119	M. STRAP	CHIR	7/64	120	SETLINE	-	9
CHIR	7/64	110	M. STRAP	CHIR	5/65	116	SETLINE	-	10
CHIR	7/64	88	M. STRAP	CHIR	5/65	-	SETLINE	-	-
CHIR	7/64	149	M. STRAP	SE AK	5/65	153	SETLINE	F	13
CHIR	7/64	91	M. STRAP	CHIR	6/65	101	SETLINE	-	8
CHIR	7/64	105	M. STRAP	KOD	5/66	121	SETLINE	-	11
CHIR	7/64	84	M. STRAP	CHIR	7/66	96	SETLINE	F	10
CHIR	7/64	85	M. STRAP	CHIR	8/66	101	SETLINE	-	10
CHIR	7/64	130	M. STRAP	CHIR	6/67	-	SETLINE	-	14
CHIR	7/64	125	M. STRAP	CHIR	7/67	152	SETLINE	-	12
CHIR	7/64	92	M. STRAP	CHIR	9/67	111	SETLINE	-	11
CHIR	7/64	115	M. STRAP	KOD	10/67	134	SETLINE	M	11
CHIR	7/64	108	M. STRAP	KOD	6/68	127	SETLINE	-	12

*(M)=TAG MISSING AT RECOVERY, M. STRAP=MONEL STRAP, S. STRAP=STAINLESS STEEL STRAP.

TABLE 4. INDIVIDUAL TAG RECOVERIES BY REGION, MONTH AND YEAR OF RELEASE.

RELEASE DATA				RECOVERY DATA					
REGION	MO/YR	LENGTH (CM)	TAG TYPES*	REGION	MO/YR	LENGTH (CM)	GEAR	SEX	AGE
CHIR	7/64	104	M. STRAP	CHIR	8/68	-	SETLINE	-	-
CHIR	7/64	104	M. STRAP	CHIR	9/69	149	SETLINE	-	15
CHIR	7/64	89	M. STRAP	CHIR	5/70	130	SETLINE	F	13
CHIR	7/64	124	M. STRAP	YAK	6/70	159	SETLINE	-	16
CHIR	7/64	117	M. STRAP	KOD	5/71	137	SETLINE	-	14
CHIR	7/64	82	M. STRAP	CHIR	8/65	91	SETLINE	-	12
CHIR	7/64	113	M. STRAP	KOD	5/66	128	SETLINE	F	11
CHIR	7/64	113	M. STRAP	KOD	8/66	-	SETLINE	-	-
CHIR	7/64	118	M. STRAP	CHIR	6/67	-	SETLINE	-	-
CHIR	7/64	116	M. STRAP	KOD	7/67	137	SETLINE	F	11
CHIR	7/64	134	M. STRAP	KOD	7/67	152	SETLINE	-	13
CHIR	7/64	109	M. STRAP	KOD	7/67	134	SETLINE	-	13
CHIR	7/64	168	M. STRAP	CHIR	8/67	185	SETLINE	-	17
CHIR	7/64	91	M. STRAP	CHIR	7/69	133	SETLINE	F	10
CHIR	7/64	82	M. STRAP	CHIR	6/65	89	SETLINE	F	8
CHIR	7/64	120	M. STRAP	CHIR	7/66	136	SETLINE	F	13
CHIR	7/64	105	M. STRAP	-	8/68	135	SETLINE	-	9
CHIR	7/64	99	M. STRAP	CHIR	8/68	143	SETLINE	-	11
CHIR	7/64	105	M. STRAP	CHIR	7/71	155	SETLINE	F	15
CHIR	7/64	87	M. STRAP	CHIR	4/65	-	TRAWL	-	-
CHIR	7/64	128	M. STRAP	KOD	8/65	135	SETLINE	F	12
CHIR	7/64	177	M. STRAP	CHIR	6/66	190	SETLINE	F	17
CHIR	7/64	137	M. STRAP	CHIR	6/66	154	SETLINE	F	15
CHIR	7/64	167	M. STRAP	CHIR	6/66	173	TRAWL	-	-
CHIR	7/64	153	M. STRAP	CHIR	7/66	161	SETLINE	-	24
CHIR	7/64	144	M. STRAP	KOD	8/66	151	SETLINE	F	14
CHIR	7/64	143	M. STRAP	CHIR	7/67	170	SETLINE	-	15
CHIR	7/64	128	M. STRAP	CHIR	7/67	-	SETLINE	-	-
CHIR	7/64	125	M. STRAP	CHIR	9/67	150	SETLINE	F	11
CHIR	7/64	112	M. STRAP	CHIR	6/67	137	SETLINE	-	13
CHIR	7/64	119	M. STRAP	-	/68	-	-	-	-
CHIR	7/64	90	M. STRAP	CHIR	6/68	119	SETLINE	-	12
CHIR	7/64	123	M. STRAP	CHIR	5/69	166	SETLINE	-	12
CHIR	7/64	114	M. STRAP	YAK	6/65	114	SETLINE	-	13
CHIR	7/64	134	M. STRAP	CHIR	7/66	138	SETLINE	-	15
CHIR	7/64	165	M. STRAP	CHIR	8/65	169	SETLINE	-	14
CHIR	7/64	97	M. STRAP	CHIR	5/66	119	SETLINE	-	12
CHIR	7/64	134	M. STRAP	KOD	5/66	145	SETLINE	F	15
CHIR	7/64	145	M. STRAP	CHIR	8/66	156	SETLINE	-	15
CHIR	7/64	113	M. STRAP	CHIR	7/68	146	SETLINE	-	14
CHIR	7/64	105	M. STRAP	CHIR	7/69	-	SETLINE	-	-
CHIR	7/64	158	M. STRAP	CHIR	10/67	-	SETLINE	F	-
CHIR	7/64	86	M. STRAP	CHIR	5/68	119	SETLINE	-	12
CHIR	7/64	119	M. STRAP	KOD	8/69	138	SETLINE	M	16
CHIR	7/64	87	M. STRAP	CHIR	8/70	-	SETLINE	M	-
CHIR	7/64	139	M. STRAP	CHIR	8/72	185	SETLINE	F	15
CHIR	7/64	120	M. STRAP	KOD	5/65	127	SETLINE	F	12
CHIR	7/64	102	M. STRAP	CHIR	6/66	120	SETLINE	-	12
CHIR	7/64	95	M. STRAP	CHIR	8/67	119	SETLINE	-	11
CHIR	7/64	95	M. STRAP	KOD	5/68	120	SETLINE	-	10
CHIR	7/64	120	M. STRAP	CHIR	7/66	132	SETLINE	-	13
CHIR	7/64	133	M. STRAP	CHIR	8/68	157	SETLINE	-	17
CHIR	7/64	98	M. STRAP	CHIR	6/67	118	SETLINE	F	10
CHIR	7/64	132	M. STRAP	CHIR	6/67	137	SETLINE	F	14
CHIR	7/64	135	M. STRAP	CHIR	5/68	142	SETLINE	-	19
CHIR	7/64	111	M. STRAP	CHIR	5/68	134	SETLINE	F	-
CHIR	7/64	139	M. STRAP	CHIR	6/68	155	SETLINE	F	16
CHIR	7/64	94	M. STRAP	-	/66	-	-	-	-
CHIR	7/64	90	M. STRAP	KOD	5/66	-	-	-	-
CHIR	7/64	109	M. STRAP	CHIR	6/66	119	SETLINE	-	12
CHIR	7/64	111	M. STRAP	CHIR	6/66	125	SETLINE	F	10
CHIR	7/64	104	M. STRAP	CHIR	7/66	-	SETLINE	-	-
CHIR	7/64	93	M. STRAP	CHIR	5/67	124	SETLINE	-	12
CHIR	7/64	116	M. STRAP	CHIR	7/68	148	SETLINE	F	9
CHIR	7/64	122	M. STRAP	KOD	6/69	161	SETLINE	-	16
CHIR	7/64	106	M. STRAP	CHIR	4/70	152	SETLINE	F	13
CHIR	7/64	94	M. STRAP	-	/65	-	-	-	-
CHIR	7/64	106	M. STRAP	CHIR	7/65	114	SETLINE	F	10
CHIR	7/64	109	M. STRAP	CHIR	7/65	117	SETLINE	-	9
CHIR	7/64	102	M. STRAP	-	/66	-	-	-	-
CHIR	7/64	101	M. STRAP	CHIR	5/66	-	SETLINE	-	12
CHIR	7/64	88	M. STRAP	CHIR	6/66	102	SETLINE	-	10
CHIR	7/64	105	M. STRAP	CHIR	7/66	119	SETLINE	F	11
CHIR	7/64	125	M. STRAP	CHIR	7/66	141	SETLINE	F	10

*(M)=TAG MISSING AT RECOVERY, M. STRAP=MONEL STRAP, S. STRAP=STAINLESS STEEL STRAP.

TABLE 4. INDIVIDUAL TAG RECOVERIES BY REGION, MONTH AND YEAR OF RELEASE.

RELEASE DATA				RECOVERY DATA					
REGION	MO/YR	LENGTH (CM)	TAG TYPES*	REGION	MO/YR	LENGTH (CM)	GEAR	SEX	AGE
CHIR	7/64	131	M. STRAP	CHIR	5/67	152	SETLINE	-	14
CHIR	7/64	89	M. STRAP	YAK	6/67	113	SETLINE	M	12
CHIR	7/64	95	M. STRAP	CHIR	10/67	120	SETLINE	-	12
CHIR	7/64	124	M. STRAP	CHIR	5/68	155	SETLINE	-	11
CHIR	7/64	85	M. STRAP	CHIR	6/68	126	SETLINE	-	11
CHIR	7/64	109	M. STRAP	CHIR	5/69	141	SETLINE	-	13
CHIR	7/64	142	M. STRAP	CHIR	5/65	146	SETLINE	F	12
CHIR	7/64	138	M. STRAP	CHIR	8/65	146	SETLINE	-	-
CHIR	7/64	107	M. STRAP	CHIR	7/66	127	SETLINE	F	12
CHIR	7/64	120	M. STRAP	CHIR	7/66	138	SETLINE	F	10
CHIR	7/64	126	M. STRAP	CHIR	8/66	137	SETLINE	F	14
CHIR	7/64	96	M. STRAP	CHIR	8/66	109	SETLINE	F	-
CHIR	7/64	107	M. STRAP	-	6/67	129	SETLINE	-	12
CHIR	7/64	92	M. STRAP	CHIR	6/67	119	SETLINE	-	13
CHIR	7/64	127	M. STRAP	CHIR	6/67	-	SETLINE	-	-
CHIR	7/64	126	M. STRAP	CHIR	7/67	147	SETLINE	-	14
CHIR	7/64	103	M. STRAP	CHIR	9/67	113	SETLINE	M	11
CHIR	7/64	110	M. STRAP	CHIR	5/67	124	SETLINE	-	18
CHIR	7/64	149	M. STRAP	CHIR	6/67	160	SETLINE	F	15
CHIR	7/64	172	M. STRAP	CHIR	10/68	-	SETLINE	-	-
CHIR	7/64	168	M. STRAP	CHIR	5/65	-	SETLINE	-	18
CHIR	7/64	142	M. STRAP	CHIR	5/65	148	SETLINE	-	16
CHIR	7/64	166	M. STRAP	-	1/66	-	-	-	-
CHIR	7/64	170	M. STRAP	CHIR	6/67	-	SETLINE	F	-
CHIR	7/64	134	M. STRAP	KOD	6/65	135	SETLINE	F	21
CHIR	7/64	149	M. STRAP	CHIR	8/65	152	SETLINE	F	14
CHIR	7/64	133	M. STRAP	KOD	5/66	147	SETLINE	F	-
CHIR	7/64	115	M. STRAP	CHIR	6/66	135	SETLINE	F	12
CHIR	7/64	175	M. STRAP	CHIR	8/66	183	SETLINE	-	22
CHIR	7/64	156	M. STRAP	CHIR	8/66	168	SETLINE	F	18
CHIR	7/64	142	M. STRAP	CHIR	5/67	-	SETLINE	-	14
CHIR	7/64	137	M. STRAP	SE AK	6/67	154	SETLINE	F	-
CHIR	7/64	144	M. STRAP	CHIR	7/68	168	SETLINE	F	17
CHIR	7/64	121	M. STRAP	CHIR	8/68	135	SETLINE	F	15
CHIR	7/64	85	M. STRAP	CHIR	6/69	133	SETLINE	-	12
CHIR	8/64	170	M. STRAP	CHIR	6/65	172	SETLINE	-	19
CHIR	8/64	106	M. STRAP	YAK	7/65	106	SETLINE	-	11
CHIR	8/64	82	M. STRAP	CHIR	4/66	92	TRAWL	F	11
CHIR	8/64	115	M. STRAP	CHIR	5/66	131	SETLINE	-	-
CHIR	8/64	113	M. STRAP	CHIR	8/67	143	SETLINE	-	17
CHIR	8/64	157	M. STRAP	CHIR	6/68	179	SETLINE	-	19
CHIR	8/64	133	M. STRAP	KOD	7/68	161	SETLINE	-	15
CHIR	8/64	137	M. STRAP	CHIR	8/68	161	SETLINE	-	13
CHIR	8/64	138	M. STRAP	KOD	5/69	164	SETLINE	-	15
CHIR	8/64	121	M. STRAP	CHIR	7/65	128	SETLINE	-	12
CHIR	8/64	138	M. STRAP	CHIR	7/65	141	SETLINE	M	16
CHIR	8/64	115	M. STRAP	KOD	6/66	130	SETLINE	F	18
CHIR	8/64	136	M. STRAP	CHIR	7/66	140	SETLINE	F	13
CHIR	8/64	139	M. STRAP	CHIR	8/66	151	SETLINE	-	15
CHIR	8/64	157	M. STRAP	YAK	7/67	165	SETLINE	-	15
CHIR	8/64	159	M. STRAP	CHIR	6/69	183	SETLINE	-	17
CHIR	8/64	131	M. STRAP	CHIR	8/65	139	SETLINE	F	11
CHIR	8/64	127	M. STRAP	-	7/65	-	-	-	-
CHIR	8/64	122	M. STRAP	CHIR	5/66	140	SETLINE	-	12
CHIR	8/64	119	M. STRAP	CHIR	6/66	140	SETLINE	F	14
CHIR	8/64	138	M. STRAP	SHUM	8/67	-	SETLINE	F	19
CHIR	8/64	118	M. STRAP	CHIR	7/65	127	SETLINE	F	11
CHIR	8/64	86	M. STRAP	CHIR	7/67	112	SETLINE	-	8
CHIR	8/64	125	M. STRAP	CHIR	8/67	137	SETLINE	-	14
CHIR	8/64	80	M. STRAP	CHIR	8/67	99	SETLINE	-	8
CHIR	8/64	130	M. STRAP	CHIR	5/66	141	SETLINE	-	12
CHIR	8/64	130	M. STRAP	CHIR	5/66	147	SETLINE	F	-
CHIR	8/64	133	M. STRAP	CHIR	6/66	142	SETLINE	-	14
CHIR	8/64	126	M. STRAP	CHIR	8/66	143	SETLINE	-	-
CHIR	8/64	128	M. STRAP	CHIR	8/66	138	SETLINE	F	16
CHIR	8/64	120	M. STRAP	CHIR	3/65	127	-	-	-
CHIR	8/64	144	M. STRAP	YAK	5/65	148	SETLINE	-	12
CHIR	8/64	81	M. STRAP	KOD	8/70	-	SETLINE	F	-
CHIR	8/64	165	M. STRAP	CHIR	7/65	163	SETLINE	-	17
CHIR	8/64	115	M. STRAP	CHIR	7/65	-	SETLINE	-	9
CHIR	8/64	123	M. STRAP	CHIR	7/65	136	SETLINE	M	-
CHIR	8/64	109	M. STRAP	CHIR	8/65	112	SETLINE	-	9
CHIR	8/64	98	M. STRAP	SE AK	8/65	105	SETLINE	F	12
CHIR	8/64	121	M. STRAP	KOD	6/66	133	SETLINE	F	13

*(M)=TAG MISSING AT RECOVERY, M. STRAP=MONEL STRAP, S. STRAP=STAINLESS STEEL STRAP.

TABLE 4. INDIVIDUAL TAG RECOVERIES BY REGION, MONTH AND YEAR OF RELEASE.

RELEASE DATA				RECOVERY DATA					
REGION	MO/YR	LENGTH (CM)	TAG TYPES*	REGION	MO/YR	LENGTH (CM)	GEAR	SEX	AGE
CHIR	8/64	107	M. STRAP	CHIR	7/67	124	SETLINE	-	11
CHIR	8/64	114	M. STRAP	CHIR	6/68	147	SETLINE	M	13
CHIR	8/64	123	M. STRAP	CHIR	10/68	156	SETLINE	F	13
CHIR	8/64	142	M. STRAP	CHIR	4/65	-	-	-	-
CHIR	8/64	96	M. STRAP	CHIR	4/65	95	-	-	-
CHIR	8/64	128	M. STRAP	SHUM	8/65	133	SETLINE	F	14
CHIR	8/64	95	M. STRAP	KOD	5/66	110	SETLINE	-	10
CHIR	8/64	117	M. STRAP	CHIR	6/66	132	SETLINE	F	11
CHIR	8/64	136	M. STRAP	KOD	6/65	141	SETLINE	-	11
CHIR	8/64	110	M. STRAP	CHIR	7/65	119	SETLINE	-	-
CHIR	8/64	97	M. STRAP	CHIR	7/65	102	SETLINE	-	-
CHIR	8/64	129	M. STRAP	CHIR	8/65	137	SETLINE	-	16
CHIR	8/64	135	M. STRAP	CHIR	9/68	161	SETLINE	F	10
CHIR	8/64	128	M. STRAP	CHIR	9/68	155	SETLINE	F	18
CHIR	8/64	142	M. STRAP	CHIR	7/65	145	SETLINE	-	14
CHIR	8/64	148	M. STRAP	CHIR	7/65	150	SETLINE	-	13
CHIR	8/64	113	M. STRAP	CHIR	5/68	-	SETLINE	-	-
CHIR	8/64	119	M. STRAP	CHIR	6/68	150	SETLINE	-	-
CHIR	8/64	100	M. STRAP	CHIR	7/65	109	SETLINE	-	-
CHIR	8/64	124	M. STRAP	CHIR	7/65	132	SETLINE	-	-
CHIR	8/64	137	M. STRAP	CHIR	7/65	140	SETLINE	-	-
CHIR	8/64	93	M. STRAP	CHIR	6/66	114	SETLINE	-	12
CHIR	8/64	107	M. STRAP	CHIR	7/66	128	SETLINE	-	10
CHIR	8/64	132	M. STRAP	CHIR	6/67	149	SETLINE	F	11
CHIR	8/64	106	M. STRAP	CHIR	6/67	125	SETLINE	-	10
CHIR	8/64	83	M. STRAP	CHIR	9/67	101	SETLINE	F	10
CHIR	8/64	95	M. STRAP	-	5/68	-	SETLINE	-	-
CHIR	8/64	140	M. STRAP	CHIR	7/68	159	SETLINE	-	16
CHIR	8/64	111	M. STRAP	CHIR	7/68	144	SETLINE	-	11
CHIR	8/64	91	M. STRAP	CHIR	5/70	135	SETLINE	F	9
CHIR	8/64	112	M. STRAP	CHIR	7/66	120	SETLINE	-	11
CHIR	8/64	107	M. STRAP	CHIR	8/66	115	SETLINE	-	12
CHIR	8/64	80	M. STRAP	CHIR	5/67	104	SETLINE	-	9
CHIR	8/64	126	M. STRAP	CHIR	5/68	150	SETLINE	-	14
CHIR	8/64	110	M. STRAP	KOD	7/68	143	SETLINE	F	11
CHIR	8/64	116	M. STRAP	YAK	6/69	-	SETLINE	-	-
CHIR	8/64	104	M. STRAP	CHIR	9/69	146	SETLINE	-	13
CHIR	8/64	109	M. STRAP	CHIR	6/70	126	SETLINE	F	14
CHIR	8/64	111	M. STRAP	CHIR	6/70	153	SETLINE	F	14
CHIR	8/64	102	M. STRAP	CHAR	7/65	104	TROLL	-	8
CHIR	8/64	147	M. STRAP	SE AK	8/65	148	SETLINE	F	11
CHIR	8/64	97	M. STRAP	CHIR	7/66	114	SETLINE	-	10
CHIR	8/64	139	M. STRAP	CHIR	7/66	150	SETLINE	-	16
CHIR	8/64	86	M. STRAP	CHIR	5/68	117	SETLINE	-	8
CHIR	8/64	123	M. STRAP	CHIR	9/69	-	SETLINE	-	-
CHIR	8/64	130	M. STRAP	CHIR	7/65	135	SETLINE	F	12
CHIR	8/64	100	M. STRAP	CHIR	8/65	106	SETLINE	-	13
CHIR	8/64	131	M. STRAP	KOD	5/67	155	SETLINE	-	12
CHIR	8/64	100	M. STRAP	CHAR	6/66	111	SETLINE	F	9
CHIR	8/64	99	M. STRAP	CHIR	6/70	149	SETLINE	F	10
CHIR	5/64	101	S. STRAP	CHIR	5/65	112	SETLINE	-	7
CHIR	5/64	104	S. STRAP	CHIR	8/66	-	SETLINE	M	-
CHIR	5/64	121	S. STRAP	SE AK	5/66	140	SETLINE	-	13
CHIR	5/64	136	S. STRAP	KOD	5/67	155	SETLINE	F	23
CHIR	5/64	120	S. STRAP	KOD	7/65	127	SETLINE	M	12
CHIR	5/64	87	S. STRAP	CHIR	5/66	112	SETLINE	-	-
CHIR	5/64	86	S. STRAP	CHIR	6/66	103	SETLINE	F	9
CHIR	5/64	116	S. STRAP	CHIR	9/67	138	SETLINE	-	11
CHIR	5/64	67	S. STRAP	CHIR	7/64	-	SETLINE	-	-
CHIR	5/64	81	S. STRAP	CHIR	6/65	89	SETLINE	-	9
CHIR	5/64	100	S. STRAP	CHIR	7/65	-	SETLINE	-	-
CHIR	5/64	88	S. STRAP	YAK	5/66	100	SETLINE	-	9
CHIR	5/64	85	S. STRAP	CHIR	7/67	131	SETLINE	-	12
CHIR	5/64	75	S. STRAP	CHIR	10/71	158	SETLINE	-	14
CHIR	5/64	120	S. STRAP	YAK	6/68	-	SETLINE	-	15
CHIR	5/64	88	S. STRAP	CHIR	7/69	-	SETLINE	-	-
CHIR	5/64	87	S. STRAP	CHIR	8/69	127	SETLINE	-	12
CHIR	5/64	110	S. STRAP	CHIR	7/65	122	SETLINE	-	9
CHIR	5/64	93	S. STRAP	KOD	6/68	-	SETLINE	-	-
CHIR	5/64	153	S. STRAP	CHIR	8/64	158	SETLINE	-	-
CHIR	5/64	94	S. STRAP	-	6/67	-	SETLINE	-	-
CHIR	5/64	107	S. STRAP	KOD	6/67	-	SETLINE	M	13
CHIR	5/64	68	S. STRAP	CHIR	5/68	99	SETLINE	-	10
CHIR	5/64	74	S. STRAP	CHIR	6/65	84	SETLINE	-	8

*(M)=TAG MISSING AT RECOVERY, M. STRAP=MONEL STRAP, S. STRAP=STAINLESS STEEL STRAP.

TABLE 4. INDIVIDUAL TAG RECOVERIES BY REGION, MONTH AND YEAR OF RELEASE.

RELEASE DATA				RECOVERY DATA					
REGION	MO/YR	LENGTH (CM)	TAG TYPES*	REGION	MO/YR	LENGTH (CM)	GEAR	SEX	AGE
CHIR	5/64	71	S. STRAP	KOD	5/66	84	SETLINE	F	8
CHIR	5/64	144	S. STRAP	CHIR	5/66	-	SETLINE	-	10
CHIR	5/64	140	S. STRAP	CHIR	6/66	153	SETLINE	F	17
CHIR	5/64	113	S. STRAP	KOD	6/66	126	SETLINE	F	10
CHIR	5/64	131	S. STRAP	CHIR	6/66	-	SETLINE	-	11
CHIR	5/64	148	S. STRAP	CHIR	6/66	159	SETLINE	F	15
CHIR	5/64	132	S. STRAP	CHIR	7/66	148	SETLINE	-	14
CHIR	5/64	125	S. STRAP	CHIR	6/67	149	SETLINE	F	15
CHIR	5/64	120	S. STRAP	CHIR	7/66	146	SETLINE	-	15
CHIR	5/64	80	S. STRAP	CHIR	7/66	-	SETLINE	-	-
CHIR	5/64	119	S. STRAP	KOD	5/70	-	SETLINE	-	-
CHIR	5/64	117	S. STRAP	CHIR	8/64	118	SETLINE	F	-
CHIR	5/64	127	S. STRAP	CHIR	8/65	-	SETLINE	-	16
CHIR	5/64	123	S. STRAP	KOD	5/66	140	SETLINE	-	11
CHIR	5/64	86	S. STRAP	CHIR	5/66	93	SETLINE	-	-
CHIR	5/64	106	S. STRAP	KOD	8/66	-	SETLINE	F	12
CHIR	5/64	109	S. STRAP	CHIR	8/67	132	SETLINE	-	11
CHIR	5/64	105	S. STRAP	CHIR	9/67	135	SETLINE	-	14
CHIR	5/64	72	M. STRAP	CHIR	6/65	74	SETLINE	-	7
CHIR	5/64	78	M. STRAP	KOD	5/66	91	SETLINE	F	10
CHIR	5/64	78	M. STRAP	CHIR	6/73	136	SETLINE	F	7
CHIR	5/64	77	M. STRAP (M)	-	6/68	91	SETLINE	-	12
CHIR	5/64	78	M. STRAP	KOD	6/66	100	SETLINE	-	8
CHIR	5/64	71	M. STRAP	CHIR	5/68	101	SETLINE	F	10
CHIR	5/64	70	M. STRAP	KOD	6/67	87	SETLINE	M	9
CHIR	5/64	76	M. STRAP	KOD	6/64	-	TRAWL	-	-
CHIR	5/64	77	M. STRAP	KOD	5/66	102	SETLINE	-	10
CHIR	5/64	68	M. STRAP	CHAR	6/66	-	SETLINE	-	-
CHIR	5/64	78	M. STRAP	YAK	6/69	110	SETLINE	M	13
CHIR	6/64	76	M. STRAP (M)	CHIR	9/69	126	SETLINE	F	12
CHIR	6/64	69	M. STRAP	-	7/69	-	-	-	11
CHIR	6/64	68	M. STRAP	VAN	6/66	-	SETLINE	-	-
CHIR	6/64	76	M. STRAP	CHIR	7/66	98	SETLINE	-	9
CHIR	6/64	72	M. STRAP	CHIR	5/67	102	SETLINE	M	12
CHIR	6/64	135	M. STRAP	CHIR	10/67	163	SETLINE	F	-
CHIR	6/64	72	M. STRAP	CHIR	5/68	90	SETLINE	-	11
CHIR	6/64	68	M. STRAP	CHIR	5/67	85	SETLINE	-	8
CHIR	7/64	78	M. STRAP	-	6/66	90	SETLINE	F	9
CHIR	7/64	73	M. STRAP (M)	CHIR	6/67	107	SETLINE	-	11
CHIR	7/64	71	M. STRAP	KOD	6/65	76	SETLINE	-	8
CHIR	7/64	72	M. STRAP	CHIR	8/65	74	SETLINE	-	5
CHIR	7/64	68	M. STRAP	CHIR	5/68	98	SETLINE	F	6
CHIR	7/64	73	M. STRAP	KOD	5/65	81	SETLINE	-	-
CHIR	7/64	67	M. STRAP	CHIR	8/65	70	SETLINE	-	-
CHIR	7/64	72	M. STRAP	CHIR	5/68	-	SETLINE	-	-
CHIR	7/64	76	M. STRAP	CHIR	3/65	-	-	-	-
CHIR	7/64	68	M. STRAP	CHIR	5/66	70	SETLINE	M	9
CHIR	7/64	68	M. STRAP	CHIR	5/68	76	SETLINE	-	10
CHIR	7/64	78	M. STRAP	YAK	8/67	92	SETLINE	-	11
CHIR	8/64	76	M. STRAP	CHIR	7/65	77	SETLINE	F	7
CHIR	8/64	74	M. STRAP	CHIR	8/66	88	SETLINE	-	12
CHIR	8/64	67	M. STRAP	CHIR	8/69	96	SETLINE	M	7
CHIR	5/64	62	DART	CHIR	10/64	-	TRAWL	-	-
CHIR	5/64	58	DART	CHIR	5/65	-	SETLINE	-	-
CHIR	6/64	60	DART	CHIR	8/67	78	SETLINE	-	11
CHIR	6/64	58	DART	CHAR	5/66	-	-	-	-
CHIR	6/64	64	DART	CHIR	9/69	94	SETLINE	-	12
CHIR	6/64	58	DART	YAK	5/66	66	SETLINE	-	6
CHIR	7/64	58	DART	CHIR	7/65	79	SETLINE	-	10
CHIR	8/64	63	DART	CHIR	8/67	71	SETLINE	F	9
SHUM	6/65	159	M. STRAP	SHUM	6/66	168	SETLINE	-	14
SHUM	6/65	122	M. STRAP	CHIR	12/65	-	-	-	-
SHUM	6/65	173	M. STRAP	SHUM	7/65	178	SETLINE	F	19
SHUM	6/65	113	M. STRAP	SHUM	9/65	116	SETLINE	M	-
SHUM	6/65	164	M. STRAP	SHUM	4/66	-	-	-	-
SHUM	6/65	116	M. STRAP	SHUM	10/67	-	SETLINE	-	-
SHUM	6/65	136	M. STRAP	SHUM	8/68	159	SETLINE	-	15
SHUM	6/65	132	M. STRAP	CHIR	9/70	164	SETLINE	-	17
SHUM	6/65	131	M. STRAP	SHUM	9/65	137	SETLINE	F	-
SHUM	6/65	126	M. STRAP	SHUM	9/65	-	SETLINE	-	-
SHUM	6/65	175	M. STRAP	SHUM	4/66	183	SETLINE	-	14
SHUM	6/65	124	M. STRAP	-	1/69	-	-	-	-
SHUM	6/65	130	M. STRAP	SHUM	6/72	168	SETLINE	F	17
SHUM	6/65	149	M. STRAP	SHUM	9/65	149	SETLINE	-	11

*(M)=TAG MISSING AT RECOVERY, M. STRAP=MONEL STRAP, S. STRAP=STAINLESS STEEL STRAP.

TABLE 4. INDIVIDUAL TAG RECOVERIES BY REGION, MONTH AND YEAR OF RELEASE.

RELEASE DATA				RECOVERY DATA					
REGION	MO/YR	LENGTH (CM)	TAG TYPES*	REGION	MO/YR	LENGTH (CM)	GEAR	SEX	AGE
SHUM	6/65	146	M. STRAP	SHUM	6/66	155	SETLINE	-	14
SHUM	6/65	135	M. STRAP	CHIR	7/66	141	SETLINE	-	16
SHUM	6/65	161	M. STRAP	CHIR	5/67	169	SETLINE	-	17
SHUM	6/65	93	M. STRAP	CHIR	6/67	105	SETLINE	-	15
SHUM	6/65	137	M. STRAP	CHIR	6/67	145	SETLINE	F	14
SHUM	6/65	150	M. STRAP	CHIR	7/67	164	SETLINE	-	14
SHUM	6/65	109	M. STRAP	SHUM	7/69	158	SETLINE	F	17
SHUM	6/65	133	M. STRAP	-	9/66	141	SETLINE	F	12
SHUM	6/65	126	M. STRAP	CHIR	6/67	130	SETLINE	-	15
SHUM	6/65	120	M. STRAP	CHIR	8/65	121	SETLINE	-	7
SHUM	6/65	91	M. STRAP	SHUM	9/65	-	SETLINE	-	-
SHUM	6/65	144	M. STRAP	SHUM	9/65	150	SETLINE	-	-
SHUM	6/65	130	M. STRAP	KOD	5/66	131	SETLINE	F	17
SHUM	6/65	127	M. STRAP	SHUM	8/66	136	SETLINE	-	21
SHUM	6/65	197	M. STRAP	SHUM	9/67	203	SETLINE	F	24
SHUM	6/65	133	M. STRAP	SHUM	9/65	138	SETLINE	-	-
SHUM	6/65	104	M. STRAP	SHUM	10/67	-	SETLINE	F	-
SHUM	6/65	151	M. STRAP	SHUM	8/68	169	SETLINE	F	16
SHUM	6/65	147	M. STRAP	CHIR	5/68	160	SETLINE	F	13
SHUM	6/65	106	M. STRAP	CHIR	7/68	124	SETLINE	M	10
SHUM	6/65	137	M. STRAP	YAK	5/66	135	SETLINE	-	11
SHUM	6/65	93	M. STRAP	SHUM	9/69	135	SETLINE	F	12
SHUM	6/65	148	M. STRAP	SHUM	9/65	152	SETLINE	-	13
SHUM	6/65	112	M. STRAP	-	7/66	-	-	-	-
SHUM	6/65	141	M. STRAP	CHIR	5/66	150	SETLINE	-	12
SHUM	6/65	129	M. STRAP	SHUM	6/70	155	SETLINE	-	16
SHUM	6/65	162	M. STRAP	SHUM	6/66	162	SETLINE	F	14
SHUM	6/65	107	M. STRAP	SHUM	9/65	-	HANDLINE	-	-
SHUM	6/65	140	M. STRAP	SHUM	6/66	147	SETLINE	-	15
SHUM	6/65	151	M. STRAP	SHUM	8/66	157	SETLINE	F	15
SHUM	6/65	106	M. STRAP	SHUM	8/66	118	SETLINE	-	15
SHUM	6/65	129	M. STRAP	SHUM	7/67	145	SETLINE	F	11
SHUM	6/65	134	M. STRAP	SHUM	6/68	150	SETLINE	F	-
SHUM	6/65	127	M. STRAP	SE AK	6/68	147	SETLINE	F	11
SHUM	6/65	166	M. STRAP	SHUM	6/71	194	SETLINE	F	6
SHUM	6/65	172	M. STRAP	CHIR	5/66	180	SETLINE	F	20
SHUM	6/65	147	M. STRAP	YAK	6/67	-	SETLINE	-	-
SHUM	6/65	90	M. STRAP	CHIR	5/68	112	SETLINE	F	14
SHUM	6/65	106	M. STRAP	SHUM	10/68	138	SETLINE	-	13
SHUM	6/65	115	M. STRAP	SHUM	8/69	-	SETLINE	-	-
SHUM	6/65	143	M. STRAP	CHIR	7/66	150	SETLINE	-	13
SHUM	6/65	134	M. STRAP	VAN	9/67	-	SETLINE	-	14
SHUM	6/65	108	M. STRAP	KOD	6/69	137	SETLINE	-	14
SHUM	6/65	119	M. STRAP	KOD	7/70	155	SETLINE	F	-
SHUM	6/65	119	M. STRAP	CHIR	5/71	164	SETLINE	F	14
SHUM	6/65	156	M. STRAP	SHUM	9/65	158	SETLINE	-	14
SHUM	6/65	116	M. STRAP	CHIR	5/68	137	SETLINE	-	11
SHUM	7/65	142	M. STRAP	SHUM	9/65	142	SETLINE	-	12
SHUM	7/65	139	M. STRAP	SHUM	9/65	142	SETLINE	-	12
SHUM	7/65	98	M. STRAP	CHIR	6/71	159	SETLINE	-	13
SHUM	7/65	150	M. STRAP	CHIR	7/67	162	SETLINE	F	14
SHUM	7/65	140	M. STRAP	SHUM	4/68	159	SETLINE	-	15
SHUM	7/65	126	M. STRAP	YAK	6/67	140	SETLINE	-	13
SHUM	7/65	152	M. STRAP	SHUM	7/66	158	SETLINE	-	14
SHUM	7/65	135	M. STRAP	SHUM	9/65	141	SETLINE	-	-
SHUM	7/65	122	M. STRAP	SHUM	9/70	160	SETLINE	-	-
SHUM	7/65	87	M. STRAP	SHUM	9/65	90	SETLINE	-	-
SHUM	7/65	107	M. STRAP	YAK	5/70	147	SETLINE	-	15
SHUM	7/65	155	M. STRAP	SHUM	7/70	183	SETLINE	F	19
SHUM	7/65	108	M. STRAP	SHUM	7/70	146	SETLINE	F	12
SHUM	7/65	153	M. STRAP	SHUM	8/66	160	SETLINE	F	15
SHUM	7/65	153	M. STRAP	CHAR	9/67	170	SETLINE	F	16
SHUM	7/65	101	M. STRAP	CHIR	8/69	140	SETLINE	F	8
SHUM	7/65	183	M. STRAP	SHUM	9/65	190	SETLINE	F	19
SHUM	7/65	141	M. STRAP	SE AK	6/66	142	SETLINE	F	11
SHUM	7/65	127	M. STRAP	YAK	5/68	146	SETLINE	F	17
SHUM	7/65	178	M. STRAP	SHUM	7/66	181	SETLINE	-	23
SHUM	7/65	109	M. STRAP	SHUM	9/65	113	SETLINE	-	-
SHUM	7/65	121	M. STRAP	SHUM	9/65	126	SETLINE	-	-
SHUM	7/65	83	M. STRAP	CHIR	7/66	89	SETLINE	M	10
SHUM	7/65	123	M. STRAP	CHIR	5/66	127	SETLINE	M	13
SHUM	7/65	137	M. STRAP	SE AK	8/66	143	SETLINE	-	13
SHUM	7/65	128	M. STRAP	CHIR	10/68	150	SETLINE	F	18
SHUM	7/65	132	M. STRAP	SHUM	9/65	135	SETLINE	-	13

*(M)=TAG MISSING AT RECOVERY. M. STRAP=MONEL STRAP, S. STRAP=STAINLESS STEEL STRAP.

TABLE 4. INDIVIDUAL TAG RECOVERIES BY REGION, MONTH AND YEAR OF RELEASE.

RELEASE DATA				RECOVERY DATA					
REGION	MO/YR	LENGTH (CM)	TAG TYPES*	REGION	MO/YR	LENGTH (CM)	GEAR	SEX	AGE
SHUM	7/65	129	M. STRAP	SHUM	9/65	-	SETLINE	-	11
SHUM	7/65	137	M. STRAP	SHUM	6/66	143	SETLINE	F	14
SHUM	7/65	156	M. STRAP	KOD	8/66	161	SETLINE	-	13
SHUM	7/65	109	M. STRAP	SHUM	6/68	119	SETLINE	M	17
SHUM	7/65	143	M. STRAP	-	10/68	177	SETLINE	-	15
SHUM	7/65	109	M. STRAP	CHIR	9/69	-	SETLINE	-	-
SHUM	7/65	140	M. STRAP	SHUM	5/66	145	TRAWL	F	15
SHUM	7/65	122	M. STRAP	SHUM	6/66	132	SETLINE	F	17
SHUM	7/65	121	M. STRAP	SHUM	6/66	131	SETLINE	F	11
SHUM	7/65	144	M. STRAP	CHIR	6/66	145	SETLINE	F	13
SHUM	7/65	119	M. STRAP	SHUM	6/66	127	SETLINE	-	11
SHUM	7/65	140	M. STRAP	SHUM	8/66	147	SETLINE	-	12
SHUM	7/65	136	M. STRAP	YAK	6/67	145	SETLINE	F	14
SHUM	7/65	123	M. STRAP	KOD	8/67	143	SETLINE	-	17
SHUM	7/65	123	M. STRAP	SHUM	9/65	125	SETLINE	-	10
SHUM	7/65	106	M. STRAP	KOD	5/66	-	-	-	-
SHUM	7/65	91	M. STRAP	CHIR	5/67	112	SETLINE	-	12
SHUM	7/65	90	M. STRAP	SHUM	9/65	90	SETLINE	-	9
SHUM	7/65	155	M. STRAP	KOD	8/66	155	SETLINE	F	13
SHUM	7/65	140	M. STRAP	SHUM	9/65	-	SETLINE	-	-
SHUM	7/65	133	M. STRAP	SHUM	9/65	132	SETLINE	-	9
SHUM	7/65	128	M. STRAP	CHIR	6/66	-	SETLINE	-	-
SHUM	7/65	133	M. STRAP	SHUM	8/66	136	SETLINE	F	12
SHUM	7/65	158	M. STRAP	SHUM	3/67	-	-	-	-
SHUM	7/65	127	M. STRAP	CHIR	5/68	-	SETLINE	-	-
SHUM	7/65	113	M. STRAP	CHIR	6/68	135	SETLINE	-	13
SHUM	7/65	127	M. STRAP	SHUM	6/68	145	SETLINE	F	14
SHUM	8/65	132	M. STRAP	SHUM	8/65	135	SETLINE	F	-
SHUM	8/65	125	M. STRAP	SHUM	11/67	134	SETLINE	F	15
SHUM	8/65	125	M. STRAP	SHUM	11/67	147	SETLINE	-	13
SHUM	8/65	130	M. STRAP	SHUM	10/67	-	SETLINE	-	-
SHUM	8/65	135	M. STRAP	SHUM	8/66	-	SETLINE	-	11
SHUM	8/65	83	M. STRAP	SHUM	8/70	-	SETLINE	-	-
SHUM	8/65	154	M. STRAP	CHIR	6/66	-	SETLINE	-	-
SHUM	8/65	113	M. STRAP	SHUM	8/69	144	SETLINE	F	13
SHUM	8/65	133	M. STRAP	SE AK	6/66	135	SETLINE	F	12
SHUM	8/65	101	M. STRAP	SHUM	7/70	-	SETLINE	-	-
SHUM	8/65	146	M. STRAP	CHIR	6/67	158	SETLINE	-	-
SHUM	8/65	148	M. STRAP	KOD	6/66	155	SETLINE	-	13
SHUM	8/65	128	M. STRAP	SHUM	6/66	-	SETLINE	-	-
SHUM	8/65	140	M. STRAP	SE AK	7/66	-	SETLINE	-	15
SHUM	6/65	79	M. STRAP	CHIR	7/67	89	SETLINE	-	12
SHUM	6/65	74	M. STRAP	CHIR	6/67	89	SETLINE	M	10
SHUM	6/65	66	M. STRAP	SHUM	6/66	-	TRAWL	M	8
SHUM	7/65	77	M. STRAP	YAK	6/67	81	SETLINE	-	12
SHUM	7/65	75	M. STRAP	SHUM	7/66	80	SETLINE	-	9
SHUM	7/65	74	M. STRAP	SHUM	6/67	-	-	-	-
SHUM	7/65	79	M. STRAP (M)	CHIR	9/69	123	SETLINE	F	7
SHUM	7/65	73	M. STRAP	SHUM	9/65	69	SETLINE	-	7
SHUM	6/65	56	WIRE	SHUM	9/71	107	SETLINE	-	10
SHUM	7/65	56	WIRE	SHUM	6/66	56	TRAWL	M	10
SHUM	7/65	55	WIRE	SHUM	6/66	58	TRAWL	-	7
CHAR	5/65	95	M. STRAP	VAN	5/65	96	TRAWL	M	14
CHAR	5/65	112	M. STRAP	CHAR	7/66	114	SETLINE	F	11
CHAR	5/65	83	M. STRAP	VAN	6/67	107	-	-	8
CHAR	5/65	88	M. STRAP	VAN	6/70	100	-	-	16
CHAR	5/65	139	M. STRAP	CHAR	8/70	147	SETLINE	F	22
CHAR	5/65	115	M. STRAP	CHAR	6/66	-	SETLINE	-	-
CHAR	5/65	101	M. STRAP	CHAR	7/68	122	SETLINE	-	14
CHAR	5/65	84	M. STRAP	CHAR	5/70	-	SETLINE	-	-
CHAR	5/65	104	M. STRAP	CHAR	8/70	145	SETLINE	-	11
CHAR	5/65	135	M. STRAP	-	9/65	-	-	-	-
CHAR	5/65	115	M. STRAP	CHAR	7/66	-	TROLL	-	-
CHAR	5/65	80	M. STRAP	CHAR	7/67	91	SETLINE	M	12
CHAR	5/65	115	M. STRAP	-	8/67	139	TROLL	-	11
CHAR	5/65	124	M. STRAP	CHAR	8/67	145	SETLINE	F	13
CHAR	5/65	95	M. STRAP	CHAR	6/68	107	TRAWL	M	15
CHAR	5/65	80	M. STRAP	-	7/69	-	-	-	-
CHAR	5/65	94	M. STRAP	CHAR	5/70	129	SETLINE	-	14
CHAR	5/65	103	M. STRAP	CHAR	8/67	126	-	M	-
CHAR	5/65	140	M. STRAP	CHAR	10/67	149	SETLINE	F	13
CHAR	5/65	144	M. STRAP	CHAR	10/67	156	SETLINE	F	16
CHAR	5/65	101	M. STRAP	CHAR	4/69	121	TRAWL	F	-
CHAR	5/65	87	M. STRAP	VAN	6/72	102	-	-	-

*(M)=TAG MISSING AT RECOVERY, M. STRAP=MONEL STRAP, S. STRAP=STAINLESS STEEL STRAP.

TABLE 4. INDIVIDUAL TAG RECOVERIES BY REGION, MONTH AND YEAR OF RELEASE.

RELEASE DATA				RECOVERY DATA					
REGION	MO/YR	LENGTH (CM)	TAG TYPES*	REGION	MO/YR	LENGTH (CM)	GEAR	SEX	AGE
CHAR	5/65	112	M. STRAP	CHAR	4/73	136	SETLINE	-	-
CHAR	5/65	126	M. STRAP	CHAR	3/67	146	-	-	-
CHAR	5/65	101	M. STRAP	CHAR	8/70	-	SETLINE	-	-
CHAR	5/65	126	M. STRAP	-	9/65	-	-	-	-
CHAR	5/65	126	M. STRAP	CHAR	5/66	133	SETLINE	-	11
CHAR	5/65	106	M. STRAP	CHAR	6/67	119	TROLL	-	-
CHAR	5/65	114	M. STRAP	CHAR	7/66	123	SETLINE	F	13
CHAR	5/65	81	M. STRAP	-	1/68	109	TROLL	-	13
CHAR	6/65	93	M. STRAP	CHAR	7/65	94	SETLINE	-	13
CHAR	6/65	81	M. STRAP	CHAR	6/66	85	SETLINE	M	11
CHAR	6/65	90	M. STRAP	CHAR	7/66	96	SETLINE	-	9
CHAR	6/65	81	M. STRAP	CHAR	8/67	89	SETLINE	-	8
CHAR	6/65	87	M. STRAP	CHAR	9/67	-	SETLINE	-	-
CHAR	6/65	97	M. STRAP	CHAR	6/68	-	SETLINE	-	-
CHAR	6/65	86	M. STRAP	YAK	6/69	119	SETLINE	M	11
CHAR	6/65	126	M. STRAP	CHAR	7/65	-	SETLINE	-	16
CHAR	6/65	150	M. STRAP	CHAR	5/66	157	SETLINE	-	16
CHAR	6/65	158	M. STRAP	CHAR	7/68	168	SETLINE	-	24
CHAR	6/65	156	M. STRAP	CHAR	5/69	167	SETLINE	F	26
CHAR	6/65	127	M. STRAP	CHAR	4/73	147	SETLINE	F	22
CHAR	6/65	123	M. STRAP	CHAR	8/73	149	SETLINE	F	17
CHAR	6/65	139	M. STRAP	CHAR	7/65	143	SETLINE	F	11
CHAR	6/65	136	M. STRAP	CHAR	6/66	144	SETLINE	-	13
CHAR	6/65	117	M. STRAP	CHAR	5/67	137	SETLINE	F	13
CHAR	6/65	104	M. STRAP	CHAR	6/66	110	SETLINE	-	9
CHAR	6/65	90	M. STRAP	CHAR	7/66	108	TROLL	-	-
CHAR	6/65	95	M. STRAP	CHAR	6/67	98	TRAWL	M	11
CHAR	6/65	92	M. STRAP	CHAR	6/66	99	TRAWL	-	11
CHAR	6/65	83	M. STRAP	CHAR	5/67	-	-	-	-
CHAR	6/65	91	M. STRAP	CHAR	6/68	-	SETLINE	-	16
CHAR	6/65	92	M. STRAP	CHAR	6/68	100	SETLINE	M	14
CHAR	6/65	82	M. STRAP	CHAR	8/70	95	SETLINE	-	17
CHAR	6/65	127	M. STRAP	CHAR	7/68	145	SETLINE	F	14
CHAR	6/65	147	M. STRAP	CHAR	7/65	-	SETLINE	-	14
CHAR	6/65	164	M. STRAP	CHAR	7/65	-	SETLINE	F	18
CHAR	6/65	124	M. STRAP	CHAR	8/65	126	SETLINE	-	13
CHAR	6/65	129	M. STRAP	CHAR	10/66	135	TRAWL	-	16
CHAR	6/65	80	M. STRAP	CHAR	8/67	91	SETLINE	-	10
CHAR	6/65	86	M. STRAP	CHAR	8/66	88	SETLINE	-	-
CHAR	6/65	125	M. STRAP	CHAR	8/65	125	SETLINE	-	24
CHAR	6/65	142	M. STRAP	CHAR	9/65	144	SETLINE	-	17
CHAR	6/65	137	M. STRAP	CHAR	8/66	142	SETLINE	F	18
CHAR	7/65	102	M. STRAP	CHAR	5/66	118	TRAWL	F	12
CHAR	7/65	102	M. STRAP	CHAR	6/67	-	SETLINE	-	-
CHAR	7/65	108	M. STRAP	CHAR	7/67	115	SETLINE	-	9
CHAR	7/65	101	M. STRAP	CHAR	8/65	103	SETLINE	-	10
CHAR	7/65	81	M. STRAP	CHAR	9/65	83	SETLINE	-	8
CHAR	7/65	113	M. STRAP	CHAR	5/66	122	SETLINE	-	11
CHAR	7/65	106	M. STRAP	CHAR	5/66	110	SETLINE	M	13
CHAR	7/65	129	M. STRAP	CHAR	6/66	-	-	M	-
CHAR	7/65	132	M. STRAP	YAK	6/67	142	SETLINE	F	15
CHAR	7/65	155	M. STRAP	CHAR	9/67	168	SETLINE	F	16
CHAR	7/65	102	M. STRAP	CHAR	6/73	144	SETLINE	-	15
CHAR	7/65	127	M. STRAP	CHAR	7/65	126	SETLINE	M	13
CHAR	7/65	147	M. STRAP	CHAR	9/65	151	SETLINE	-	-
CHAR	7/65	131	M. STRAP	CHAR	9/65	133	SETLINE	-	13
CHAR	7/65	101	M. STRAP	CHAR	6/66	102	SETLINE	-	9
CHAR	7/65	103	M. STRAP	CHAR	7/67	112	SETLINE	-	13
CHAR	7/65	144	M. STRAP	CHAR	9/69	152	SETLINE	-	23
CHAR	7/65	85	M. STRAP	CHAR	7/70	121	SETLINE	F	17
CHAR	7/65	117	M. STRAP	SE AK	9/71	162	SETLINE	F	18
CHAR	7/65	106	M. STRAP	CHAR	7/72	125	SETLINE	-	16
CHAR	7/65	101	M. STRAP	CHAR	5/66	109	SETLINE	-	-
CHAR	7/65	129	M. STRAP	CHAR	6/71	146	SETLINE	-	18
CHAR	7/65	128	M. STRAP	CHAR	5/67	137	SETLINE	F	16
CHAR	7/65	100	M. STRAP	-	6/67	-	-	-	14
CHAR	7/65	85	M. STRAP	CHAR	6/68	88	SETLINE	M	14
CHAR	7/65	86	M. STRAP	CHAR	5/70	103	SETLINE	M	13
CHAR	7/65	109	M. STRAP	CHAR	6/71	124	SETLINE	M	24
CHAR	7/65	107	M. STRAP	CHAR	6/73	150	SETLINE	-	-
CHAR	7/65	89	M. STRAP	CHAR	7/66	104	SETLINE	-	8
CHAR	7/65	155	M. STRAP	CHAR	7/65	158	SETLINE	F	19
CHAR	7/65	115	M. STRAP	CHAR	8/65	118	SETLINE	-	19
CHAR	7/65	95	M. STRAP	CHAR	8/65	99	-	-	-

*(M)=TAG MISSING AT RECOVERY, M. STRAP=MONEL STRAP, S. STRAP=STAINLESS STEEL STRAP.

TABLE 4. INDIVIDUAL TAG RECOVERIES BY REGION, MONTH AND YEAR OF RELEASE.

RELEASE DATA				RECOVERY DATA					
REGION	MO/YR	LENGTH (CM)	TAG TYPES*	REGION	MO/YR	LENGTH (CM)	GEAR	SEX	AGE
CHAR	7/65	118	M. STRAP	-	5/66	-	SETLINE	-	-
CHAR	7/65	99	M. STRAP	CHAR	7/66	112	SETLINE	M	-
CHAR	7/65	146	M. STRAP	CHAR	7/66	150	SETLINE	-	14
CHAR	7/65	100	M. STRAP	CHAR	7/67	115	SETLINE	-	12
CHAR	7/65	111	M. STRAP	CHAR	6/69	128	SETLINE	-	12
CHAR	7/65	91	M. STRAP	CHAR	6/69	110	SETLINE	-	16
CHAR	7/65	109	M. STRAP	CHAR	5/71	-	SETLINE	F	-
CHAR	7/65	107	M. STRAP	CHAR	8/65	108	SETLINE	-	9
CHAR	7/65	148	M. STRAP	CHAR	7/67	165	SETLINE	-	13
CHAR	7/65	86	M. STRAP	-	6/72	140	SETLINE	-	13
CHAR	7/65	138	M. STRAP	-	6/72	-	-	-	-
CHAR	7/65	108	M. STRAP	CHAR	7/66	-	SETLINE	-	20
CHAR	7/65	141	M. STRAP	CHAR	5/66	149	SETLINE	-	-
CHAR	7/65	89	M. STRAP	CHAR	7/68	112	SETLINE	-	15
CHAR	7/65	100	M. STRAP	CHAR	8/72	-	SETLINE	-	14
CHAR	7/65	108	M. STRAP	CHAR	7/73	-	SETLINE	M	-
CHAR	5/65	109	S. STRAP	VAN	6/70	-	SETLINE	-	-
CHAR	5/65	95	S. STRAP	CHAR	6/66	99	SETLINE	-	9
CHAR	5/65	100	S. STRAP	CHAR	9/65	104	TRAWL	-	9
CHAR	5/65	101	S. STRAP	-	5/67	-	-	-	-
CHAR	5/65	134	S. STRAP	CHAR	7/65	136	-	F	-
CHAR	5/65	85	S. STRAP	CHAR	7/65	-	-	-	-
CHAR	5/65	84	S. STRAP	VAN	6/65	85	TRAWL	-	11
CHAR	5/65	105	S. STRAP	CHAR	5/66	117	SETLINE	-	11
CHAR	5/65	105	S. STRAP	CHAR	7/70	128	SETLINE	F	15
CHAR	5/65	90	S. STRAP	CHAR	7/65	93	SETLINE	-	10
CHAR	5/65	93	S. STRAP	CHAR	5/69	114	SETLINE	-	11
CHAR	5/65	86	S. STRAP	VAN	7/71	105	TRAWL	-	15
CHAR	5/65	108	S. STRAP	CHAR	8/65	112	SETLINE	-	10
CHAR	6/65	85	S. STRAP	CHAR	6/66	-	SETLINE	-	-
CHAR	6/65	95	S. STRAP	CHAR	11/66	110	TRAWL	-	12
CHAR	6/65	95	S. STRAP	CHAR	6/69	137	SETLINE	-	13
CHAR	6/65	80	S. STRAP	CHAR	6/72	-	TROLL	-	-
CHAR	6/65	92	S. STRAP	CHAR	6/67	96	TRAWL	-	13
CHAR	6/65	81	S. STRAP	CHAR	6/72	154	SETLINE	-	12
CHAR	6/65	82	S. STRAP	CHAR	7/68	90	TRAWL	M	13
CHAR	5/65	75	M. STRAP (M)	CHAR	6/67	84	TRAWL	-	10
CHAR	5/65	70	M. STRAP	CHAR	6/66	78	TRAWL	-	9
CHAR	5/65	76	M. STRAP	CHAR	5/69	-	SETLINE	-	-
CHAR	5/65	79	M. STRAP	CHAR	7/66	-	TROLL	-	-
CHAR	5/65	73	M. STRAP	CHAR	5/67	83	SETLINE	-	10
CHAR	5/65	76	M. STRAP (M)	CHAR	6/67	110	TROLL	-	10
CHAR	5/65	69	M. STRAP	CHAR	9/67	81	TRAWL	-	6
CHAR	5/65	78	M. STRAP (M)	CHAR	5/68	-	SETLINE	-	-
CHAR	5/65	69	M. STRAP	CHAR	7/66	77	TRAWL	-	11
CHAR	5/65	79	M. STRAP	-	9/66	92	TRAWL	-	8
CHAR	5/65	70	M. STRAP (M)	CHAR	7/65	-	SETLINE	-	-
CHAR	5/65	79	M. STRAP	CHAR	9/66	89	TRAWL	-	7
CHAR	5/65	77	M. STRAP	CHAR	7/67	94	-	-	8
CHAR	6/65	74	M. STRAP	-	6/66	73	-	-	8
CHAR	6/65	75	M. STRAP	CHAR	6/66	77	TRAWL	M	8
CHAR	6/65	68	M. STRAP	CHAR	8/66	74	TRAWL	M	7
CHAR	6/65	65	M. STRAP	CHAR	6/67	76	SETLINE	M	7
CHAR	6/65	70	M. STRAP (M)	CHAR	9/67	88	TRAWL	-	8
CHAR	6/65	70	M. STRAP	CHAR	6/68	89	TRAWL	F	11
CHAR	6/65	78	M. STRAP	CHAR	6/68	90	SETLINE	M	5
CHAR	6/65	68	M. STRAP (M)	CHAR	6/69	-	SETLINE	-	-
CHAR	6/65	67	M. STRAP	CHAR	9/69	83	SETLINE	M	9
CHAR	6/65	75	M. STRAP	CHAR	8/66	-	TRAWL	-	-
CHAR	6/65	74	M. STRAP	CHAR	7/67	93	SETLINE	-	8
CHAR	6/65	73	M. STRAP	-	6/67	86	SETLINE	-	6
CHAR	6/65	78	M. STRAP	CHAR	6/66	-	TROLL	-	-
CHAR	6/65	77	M. STRAP	CHAR	7/68	99	SETLINE	-	8
CHAR	6/65	72	M. STRAP	CHAR	8/68	77	TROLL	F	-
CHAR	6/65	76	M. STRAP	CHAR	8/66	84	SETLINE	M	9
CHAR	6/65	70	M. STRAP (M)	CHAR	6/68	81	SETLINE	M	8
CHAR	6/65	72	M. STRAP	CHAR	9/65	73	SETLINE	M	10
CHAR	6/65	71	M. STRAP	-	6/66	71	-	-	-
CHAR	6/65	79	M. STRAP	CHAR	6/66	81	SETLINE	-	12
CHAR	6/65	70	M. STRAP	CHAR	6/67	75	TRAWL	-	9
CHAR	6/65	77	M. STRAP	CHAR	7/69	84	SETLINE	-	12
CHAR	6/65	69	M. STRAP	YAK	6/71	90	SETLINE	M	8
CHAR	6/65	77	M. STRAP	CHAR	7/71	-	SETLINE	-	-
CHAR	6/65	77	M. STRAP (M)	CHAR	7/71	-	SETLINE	-	-

*(M)=TAG MISSING AT RECOVERY, M. STRAP=MONEL STRAP, S. STRAP=STAINLESS STEEL STRAP.

TABLE 4. INDIVIDUAL TAG RECOVERIES BY REGION, MONTH AND YEAR OF RELEASE.

RELEASE DATA				RECOVERY DATA					
REGION	MO/YR	LENGTH (CM)	TAG TYPES*	REGION	MO/YR	LENGTH (CM)	GEAR	SEX	AGE
CHAR	7/65	76	M. STRAP WIRE	CHAR	5/69	102	SETLINE	-	10
CHAR	7/65	75	M. STRAP WIRE (M)	CHAR	7/69	-	TROLL	-	-
CHAR	7/65	78	M. STRAP (M) WIRE	CHAR	8/69	91	SETLINE	-	13
CHAR	7/65	70	M. STRAP (M) WIRE	CHAR	5/69	91	SETLINE	M	8
CHAR	7/65	75	M. STRAP WIRE	CHAR	7/66	78	TROLL	-	11
CHAR	7/65	71	M. STRAP WIRE	CHAR	7/67	78	TRAWL	-	6
CHAR	7/65	69	M. STRAP WIRE	CHAR	6/68	86	SETLINE	M	8
CHAR	7/65	71	M. STRAP (M) WIRE	CHAR	7/70	-	TROLL	-	-
CHAR	7/65	72	M. STRAP (M) WIRE	CHAR	5/70	81	TROLL	F	-
CHAR	6/65	64	WIRE	CHAR	9/68	71	SETLINE	F	9
CHAR	7/65	62	WIRE	CHAR	6/72	88	SETLINE	-	14
CHAR	6/66	128	M. STRAP	CHAR	7/68	145	SETLINE	-	15
CHAR	6/66	123	M. STRAP	-	8/69	-	-	-	-
CHAR	6/66	110	M. STRAP	CHAR	5/70	132	TRAWL	M	17
CHAR	6/66	91	M. STRAP	CHAR	8/66	94	SETLINE	-	11
CHAR	6/66	87	M. STRAP	CHAR	8/66	86	SETLINE	M	9
CHAR	6/66	81	M. STRAP	CHAR	6/67	91	SETLINE	-	7
CHAR	6/66	132	M. STRAP	CHAR	7/67	137	SETLINE	M	19
CHAR	6/66	81	M. STRAP	CHAR	5/69	86	SETLINE	M	12
CHAR	6/66	109	M. STRAP	CHAR	6/69	113	SETLINE	M	15
CHAR	6/66	90	M. STRAP	CHAR	6/69	99	SETLINE	M	11
CHAR	6/66	119	M. STRAP	CHAR	6/69	125	SETLINE	-	16
CHAR	6/66	136	M. STRAP	CHAR	5/70	155	SETLINE	-	7
CHAR	6/66	109	M. STRAP	CHAR	6/72	127	SETLINE	-	13
CHAR	6/66	76	M. STRAP	CHAR	8/67	80	SETLINE	M	6
CHAR	6/66	91	M. STRAP	CHAR	6/69	103	SETLINE	M	11
CHAR	7/66	124	M. STRAP	CHAR	9/66	-	TROLL	-	-
CHAR	7/66	128	M. STRAP	CHAR	11/66	131	TRAWL	F	-
CHAR	7/66	88	M. STRAP	CHAR	7/67	-	TROLL	-	7
CHAR	7/66	86	M. STRAP	CHAR	7/67	92	TROLL	-	8
CHAR	7/66	86	M. STRAP	CHAR	8/67	87	SETLINE	-	10
CHAR	7/66	97	M. STRAP	CHAR	8/67	97	SETLINE	-	11
CHAR	7/66	80	M. STRAP	CHAR	5/68	111	SETLINE	-	8
CHAR	7/66	162	M. STRAP	CHAR	6/68	172	SETLINE	F	19
CHAR	7/66	126	M. STRAP	CHAR	7/68	142	TROLL	-	12
CHAR	7/66	80	M. STRAP	CHAR	9/68	94	SETLINE	-	8
CHAR	7/66	95	M. STRAP	-	12/68	122	TRAWL	F	-
CHAR	7/66	81	M. STRAP	CHAR	5/69	102	SETLINE	F	7
CHAR	7/66	83	M. STRAP	CHAR	5/69	104	SETLINE	F	10
CHAR	7/66	82	M. STRAP	CHAR	6/69	90	SETLINE	-	10
CHAR	7/66	116	M. STRAP	CHAR	6/69	147	TROLL	-	-
CHAR	7/66	93	M. STRAP	CHAR	7/70	127	SETLINE	-	10
CHAR	7/66	93	M. STRAP	SE AK	8/70	113	SETLINE	-	15
CHAR	7/66	88	M. STRAP	CHAR	6/71	99	SETLINE	-	12
CHAR	7/66	90	M. STRAP	CHAR	7/75	142	SETLINE	F	13
CHAR	7/66	89	M. STRAP	CHAR	7/68	116	SETLINE	-	10
CHAR	7/66	95	M. STRAP	CHAR	3/69	107	TRAWL	F	-
CHAR	7/66	100	M. STRAP	CHAR	10/71	111	SETLINE	-	15
CHAR	7/66	108	M. STRAP	CHAR	8/66	107	TRAWL	F	8
CHAR	7/66	98	M. STRAP	CHAR	6/67	102	SETLINE	M	9
CHAR	7/66	106	M. STRAP	CHAR	7/67	122	SETLINE	F	9
CHAR	7/66	83	M. STRAP	CHAR	8/67	91	SETLINE	-	7
CHAR	7/66	88	M. STRAP	CHAR	5/68	101	SETLINE	F	8
CHAR	7/66	159	M. STRAP	CHAR	6/68	165	SETLINE	-	17
CHAR	7/66	137	M. STRAP	CHAR	8/68	151	TRAWL	F	12
CHAR	7/66	114	M. STRAP	CHAR	7/70	138	SETLINE	-	16
CHAR	7/66	101	M. STRAP	CHAR	9/70	135	TRAWL	F	11
CHAR	7/66	93	M. STRAP	CHAR	6/71	130	SETLINE	-	9
CHAR	7/66	95	M. STRAP	CHAR	6/67	99	TROLL	-	14
CHAR	7/66	95	M. STRAP	CHAR	5/69	115	SETLINE	F	10
CHAR	7/66	97	M. STRAP	SE AK	8/67	99	SETLINE	-	12
CHAR	7/66	125	M. STRAP	CHAR	8/67	127	SETLINE	-	14
CHAR	7/66	114	M. STRAP	CHAR	9/67	121	SETLINE	-	14
CHAR	7/66	90	M. STRAP	SE AK	9/68	119	SETLINE	-	13
CHAR	7/66	109	M. STRAP	CHAR	6/69	-	SETLINE	-	-
CHAR	7/66	117	M. STRAP	CHAR	5/70	151	SETLINE	-	13
CHAR	7/66	155	M. STRAP	CHAR	9/66	159	TRAWL	F	13
CHAR	7/66	102	M. STRAP	CHAR	8/67	117	SETLINE	-	13
CHAR	7/66	108	M. STRAP	CHAR	5/68	120	SETLINE	F	10
CHAR	7/66	180	M. STRAP	CHAR	6/67	-	SETLINE	F	24
CHAR	7/66	159	M. STRAP	CHAR	7/67	158	SETLINE	F	23
CHAR	7/66	181	M. STRAP	SE AK	7/67	186	SETLINE	F	23
CHAR	7/66	171	M. STRAP	CHAR	8/68	-	SETLINE	-	24
CHAR	7/66	113	M. STRAP	CHAR	7/66	114	SETLINE	-	13

*(M)=TAG MISSING AT RECOVERY, M. STRAP=MONEL STRAP, S. STRAP=STAINLESS STEEL STRAP.

TABLE 4. INDIVIDUAL TAG RECOVERIES BY REGION, MONTH AND YEAR OF RELEASE.

RELEASE DATA				RECOVERY DATA					
REGION	MO/YR	LENGTH (CM)	TAG TYPES*	REGION	MO/YR	LENGTH (CM)	GEAR	SEX	AGE
CHAR	7/66	114	M. STRAP	CHAR	6/67	118	SETLINE	-	11
CHAR	7/66	94	M. STRAP	CHAR	7/67	98	SETLINE	F	9
CHAR	7/66	163	M. STRAP	CHAR	9/67	167	SETLINE	-	24
CHAR	7/66	124	M. STRAP	CHAR	5/68	130	SETLINE	-	14
CHAR	7/66	163	M. STRAP	CHAR	5/68	-	SETLINE	-	15
CHAR	7/66	150	M. STRAP	CHAR	8/66	153	SETLINE	F	13
CHAR	7/66	129	M. STRAP	YAK	5/67	132	SETLINE	-	-
CHAR	7/66	133	M. STRAP	CHAR	5/67	-	-	-	-
CHAR	7/66	140	M. STRAP	CHAR	5/67	144	SETLINE	F	16
CHAR	7/66	84	M. STRAP	VAN	5/67	88	TRAWL	-	11
CHAR	7/66	107	M. STRAP	CHAR	6/67	108	SETLINE	-	10
CHAR	7/66	166	M. STRAP	CHAR	7/67	168	SETLINE	F	20
CHAR	7/66	116	M. STRAP	CHAR	9/67	123	SETLINE	-	9
CHAR	7/66	107	M. STRAP	CHAR	10/67	124	SETLINE	-	10
CHAR	7/66	126	M. STRAP	CHAR	6/69	133	SETLINE	-	19
CHAR	7/66	120	M. STRAP	CHAR	7/70	141	SETLINE	-	12
CHAR	7/66	150	M. STRAP	CHAR	10/68	161	SETLINE	-	22
CHAR	7/66	117	M. STRAP	CHAR	8/71	-	SETLINE	-	-
CHAR	7/66	99	M. STRAP	CHAR	8/66	100	TROLL	-	12
CHAR	7/66	84	M. STRAP	CHAR	6/67	88	TROLL	-	11
CHAR	7/66	80	M. STRAP	-	5/68	-	SETLINE	-	-
CHAR	7/66	138	M. STRAP	CHAR	9/77	189	SETLINE	-	23
CHAR	7/66	102	M. STRAP	CHAR	5/67	102	SETLINE	-	16
CHAR	7/66	133	M. STRAP	CHAR	6/68	152	SETLINE	F	13
CHAR	7/66	129	M. STRAP	CHAR	9/70	-	SETLINE	-	-
CHAR	7/66	108	M. STRAP	CHAR	5/67	112	SETLINE	-	11
CHAR	7/66	80	M. STRAP	CHAR	6/67	83	SETLINE	-	9
CHAR	7/66	128	M. STRAP	CHAR	9/67	133	SETLINE	-	14
CHAR	7/66	149	M. STRAP	CHAR	8/68	-	SETLINE	-	20
CHAR	7/66	96	M. STRAP	CHAR	5/72	133	SETLINE	-	21
CHAR	7/66	121	M. STRAP	CHAR	5/67	-	SETLINE	-	-
CHAR	7/66	91	M. STRAP	CHAR	7/68	-	TROLL	-	-
CHAR	7/66	81	M. STRAP	CHAR	9/66	83	TRAWL	M	11
CHAR	7/66	97	M. STRAP	CHAR	3/67	-	-	-	-
CHAR	7/66	98	M. STRAP	CHAR	6/67	100	SETLINE	F	11
CHAR	7/66	122	M. STRAP	CHAR	6/67	-	TROLL	-	-
CHAR	7/66	94	M. STRAP	CHAR	8/67	96	SETLINE	M	12
CHAR	7/66	97	M. STRAP	CHAR	10/67	105	SETLINE	-	12
CHAR	7/66	83	M. STRAP	CHAR	8/68	92	SETLINE	-	14
CHAR	7/66	85	M. STRAP	CHAR	5/69	-	SETLINE	-	-
CHAR	7/66	95	M. STRAP	CHAR	6/69	111	SETLINE	F	14
CHAR	7/66	107	M. STRAP	CHAR	8/69	117	SETLINE	-	15
CHAR	7/66	113	M. STRAP	CHAR	7/70	132	SETLINE	-	-
CHAR	7/66	81	M. STRAP	CHAR	5/72	123	SETLINE	-	14
CHAR	7/66	111	M. STRAP	CHAR	2/67	113	TRAWL	M	9
CHAR	7/66	109	M. STRAP	CHAR	6/67	115	SETLINE	F	9
CHAR	7/66	140	M. STRAP	CHAR	8/67	147	SETLINE	-	12
CHAR	7/66	87	M. STRAP	CHAR	6/70	108	TROLL	M	13
CHAR	7/66	151	M. STRAP	CHAR	10/71	165	SETLINE	F	16
CHAR	6/66	69	M. STRAP	CHAR	4/67	-	TRAWL	-	-
CHAR	6/66	72	M. STRAP	CHAR	6/70	84	SETLINE	-	12
CHAR	7/66	76	M. STRAP	CHAR	8/66	76	TRAWL	-	19
CHAR	7/66	75	M. STRAP	CHAR	8/67	87	TRAWL	M	9
CHAR	7/66	65	M. STRAP	CHAR	5/68	75	SETLINE	-	7
CHAR	7/66	65	M. STRAP	CHAR	6/69	82	TROLL	-	5
CHAR	7/66	74	M. STRAP (M)	-	6/73	86	-	-	9
CHAR	7/66	74	M. STRAP	CHAR	5/70	-	SETLINE	-	11
CHAR	7/66	75	M. STRAP	CHAR	8/66	76	SETLINE	-	-
CHAR	7/66	79	M. STRAP	CHAR	8/67	87	SETLINE	M	9
CHAR	7/66	76	M. STRAP	CHAR	10/67	84	SETLINE	-	7
CHAR	7/66	66	M. STRAP	CHAR	5/68	75	SETLINE	F	7
CHAR	7/66	68	M. STRAP	CHAR	6/68	86	SETLINE	F	7
CHAR	7/66	78	M. STRAP	CHAR	7/68	83	TROLL	-	9
CHAR	7/66	71	M. STRAP (M)	CHAR	5/71	125	SETLINE	F	11
CHAR	7/66	77	M. STRAP (M)	CHAR	6/72	103	SETLINE	-	12
CHAR	7/66	74	M. STRAP	CHAR	4/67	77	TRAWL	-	8
CHAR	7/66	77	M. STRAP	CHAR	8/66	76	TROLL	-	9
CHAR	7/66	73	M. STRAP	CHAR	9/66	74	TRAWL	M	8
CHAR	7/66	78	M. STRAP	CHAR	5/69	91	SETLINE	M	9
CHAR	7/66	77	M. STRAP	CHAR	4/70	107	SETLINE	F	10
CHAR	7/66	67	M. STRAP	-	/71	-	TROLL	-	-
CHAR	7/66	63	M. STRAP	CHAR	7/66	74	TROLL	-	8
CHAR	7/66	77	M. STRAP	CHAR	6/67	77	SETLINE	-	5
CHAR	7/66	66	M. STRAP	CHAR	5/68	73	SETLINE	-	7

*(M)=TAG MISSING AT RECOVERY, M. STRAP=MONEL STRAP, S. STRAP=STAINLESS STEEL STRAP.

TABLE 4. INDIVIDUAL TAG RECOVERIES BY REGION, MONTH AND YEAR OF RELEASE.

RELEASE DATA					RECOVERY DATA					
REGION	MO/YR	LENGTH (CM)	TAG	TYPES*	REGION	MO/YR	LENGTH (CM)	GEAR	SEX	AGE
CHAR	7/66	78	M. STRAP	WIRE	CHAR	7/67	86	SETLINE	M	10
CHAR	7/66	69	M. STRAP	WIRE	CHAR	6/67	74	SETLINE	-	7
CHAR	7/66	67	M. STRAP	WIRE	CHAR	7/67	76	TROLL	-	-
CHAR	7/66	79	M. STRAP	WIRE	CHAR	8/67	81	SETLINE	-	15
CHAR	7/66	67	M. STRAP	WIRE	CHAR	9/67	75	SETLINE	-	10
CHAR	7/66	72	M. STRAP	WIRE	CHAR	8/68	79	SETLINE	M	7
CHAR	7/66	65	M. STRAP	WIRE	CHAR	5/69	77	SETLINE	M	8
CHAR	7/66	73	M. STRAP	WIRE	CHAR	6/69	85	SETLINE	-	-
CHAR	7/66	62	WIRE		CHAR	5/71	-	SETLINE	-	-
CHAR	7/66	64	WIRE		CHAR	8/66	66	TROLL	-	-
CHAR	7/66	56	WIRE		CHAR	10/66	54	TRAWL	-	4
CHAR	7/66	64	WIRE		CHAR	8/67	67	TROLL	-	5
CHAR	7/66	59	WIRE		CHAR	8/67	66	TRAWL	M	5
CHAR	7/66	61	WIRE		CHAR	8/68	72	SETLINE	-	5
CHAR	7/66	63	WIRE		CHAR	5/69	79	SETLINE	M	6
CHAR	7/66	63	WIRE		CHAR	6/69	91	SETLINE	F	6
CHAR	7/66	62	WIRE		CHAR	6/69	86	SETLINE	-	6
CHAR	7/66	60	WIRE		CHAR	8/66	60	TRAWL	M	3
CHAR	7/66	61	WIRE		CHAR	5/71	95	SETLINE	M	11
CHAR	7/66	57	WIRE		-	7/71	91	-	-	12
CHAR	7/66	64	WIRE		CHAR	5/68	81	TRAWL	F	10
CHAR	7/66	64	WIRE		CHAR	5/70	80	SETLINE	-	12
CHAR	7/66	60	WIRE		CHAR	7/68	72	SETLINE	-	7
CHAR	8/76	88	WIRE		CHAR	5/77	88	SETLINE	-	12
CHAR	8/76	121	WIRE		CHAR	6/77	124	SETLINE	F	-
CHAR	8/76	87	WIRE		CHAR	6/77	88	SETLINE	-	12
CHAR	8/76	73	WIRE		CHAR	9/77	74	SETLINE	M	9
CHAR	8/76	104	WIRE		CHAR	5/77	109	SETLINE	-	10
CHAR	8/76	87	WIRE		CHAR	6/77	89	TRAWL	-	10
CHAR	8/76	87	WIRE		CHAR	6/78	96	SETLINE	-	10
CHAR	8/76	69	WIRE		CHAR	9/78	74	SETLINE	-	11
CHAR	8/76	116	WIRE		CHAR	8/77	121	TRAWL	-	11
CHAR	8/76	98	WIRE		CHAR	5/78	102	SETLINE	-	-
CHAR	8/76	119	WIRE		CHAR	6/78	132	TRAWL	-	-
CHAR	8/76	128	WIRE		CHAR	6/78	-	SETLINE	-	-
CHAR	8/76	91	WIRE		CHAR	5/79	107	SETLINE	-	9
CHAR	8/76	132	WIRE		CHAR	6/79	150	SETLINE	-	-
CHAR	8/76	89	WIRE		CHAR	5/78	92	SETLINE	-	10
CHAR	8/76	76	WIRE		CHAR	8/79	94	SETLINE	M	14
CHAR	9/76	90	WIRE		CHAR	9/77	99	SETLINE	M	8
CHAR	9/76	97	WIRE		CHAR	5/77	103	SETLINE	-	-
CHAR	9/76	111	WIRE		-	7/79	-	-	-	-
CHAR	9/76	71	WIRE		CHAR	6/77	74	TROLL	M	7
CHAR	9/76	103	WIRE		CHAR	5/77	104	SETLINE	-	9
CHAR	9/76	100	WIRE		CHAR	6/77	102	SETLINE	-	7
CHAR	9/76	124	WIRE		CHAR	5/78	-	SETLINE	M	-
CHAR	9/76	97	WIRE		CHAR	7/78	-	SETLINE	F	-
CHAR	9/76	134	WIRE		CHAR	5/78	144	SETLINE	F	15
CHAR	9/76	133	WIRE		CHAR	8/78	144	SETLINE	-	14
CHAR	9/76	118	WIRE		CHAR	6/79	129	SETLINE	M	17
CHAR	9/76	119	WIRE		CHAR	6/79	127	SETLINE	F	17
CHAR	9/76	141	WIRE		CHAR	6/77	-	SETLINE	-	18
CHAR	9/76	88	WIRE		-	7/79	-	SETLINE	-	-
CHAR	9/76	103	WIRE		CHAR	7/77	107	TRAWL	F	-
CHAR	9/76	114	WIRE		CHAR	6/78	-	SETLINE	-	-
CHAR	9/76	93	WIRE		CHAR	6/79	121	SETLINE	-	12
CHAR	9/76	129	WIRE		CHAR	7/79	-	SETLINE	F	-
CHAR	9/76	68	WIRE		CHAR	7/79	79	SETLINE	M	9
KOD	9/76	133	WIRE		KOD	5/78	142	SETLINE	-	-
KOD	9/76	92	WIRE		KOD	8/78	111	SETLINE	-	11
KOD	9/76	72	WIRE		-	6/79	-	SETLINE	-	-
KOD	9/76	144	WIRE		-	5/77	-	SETLINE	-	-
KOD	9/76	130	WIRE		-	6/77	-	SETLINE	-	-
KOD	9/76	153	WIRE		-	6/77	-	SETLINE	-	-
CHAR	8/77	79	WIRE		CHAR	5/78	97	SETLINE	-	-
CHAR	8/77	80	WIRE		CHAR	5/79	90	SETLINE	-	11
CHAR	8/77	75	WIRE		CHAR	5/79	82	SETLINE	-	11
CHAR	8/77	89	WIRE		CHAR	6/79	-	SETLINE	-	-
CHAR	8/77	74	WIRE		CHAR	6/79	81	SETLINE	-	11
CHAR	8/77	78	WIRE		CHAR	6/79	-	SETLINE	-	13
CHAR	8/77	78	WIRE		CHAR	6/79	97	SETLINE	-	8
CHAR	8/77	106	WIRE		CHAR	5/78	115	SETLINE	-	7
CHAR	8/77	77	WIRE		CHAR	5/79	82	SETLINE	-	12
CHAR	8/77	83	WIRE		SE AK	6/79	86	SETLINE	-	-

*(M)=TAG MISSING AT RECOVERY; M. STRAP=MONEL STRAP, S. STRAP=STAINLESS STEEL STRAP.

TABLE 4. INDIVIDUAL TAG RECOVERIES BY REGION, MONTH AND YEAR OF RELEASE.

RELEASE DATA				RECOVERY DATA					
REGION	MO/YR	LENGTH (CM)	TAG TYPES*	REGION	MO/YR	LENGTH (CM)	GEAR	SEX	AGE
CHAR	8/77	126	WIRE	CHAR	9/78	132	SETLINE	-	17
CHAR	8/77	94	WIRE	CHAR	9/78	114	SETLINE	-	8
CHAR	8/77	105	WIRE	CHAR	7/79	117	SETLINE	-	12
CHAR	8/77	124	WIRE	-	7/79	-	-	-	-
CHAR	8/77	111	WIRE	CHAR	6/79	-	SETLINE	-	-
CHAR	8/77	105	WIRE	CHAR	7/79	115	SETLINE	-	11
CHAR	8/77	84	WIRE	CHAR	7/79	91	SETLINE	-	8
CHAR	8/77	86	WIRE	CHAR	7/79	89	SETLINE	-	11
CHAR	8/77	160	WIRE	CHAR	5/79	168	SETLINE	-	-
CHAR	8/77	118	WIRE	CHAR	7/79	-	SETLINE	-	-
KOD	8/77	149	WIRE	KOD	6/78	-	SETLINE	-	-
KOD	8/77	76	WIRE	KOD	6/78	83	SETLINE	-	10
KOD	8/77	130	WIRE	-	6/78	-	SETLINE	-	-
KOD	8/77	160	WIRE	-	6/78	-	SETLINE	-	-
KOD	8/77	148	WIRE	KOD	6/78	155	SETLINE	F	-
KOD	8/77	180	WIRE	KOD	7/79	178	TRAWL	-	-
KOD	8/77	163	WIRE	KOD	6/78	170	SETLINE	F	14
KOD	8/77	117	WIRE	KOD	6/78	122	SETLINE	-	11
KOD	8/77	174	WIRE	KOD	7/78	173	SETLINE	-	17
KOD	8/77	83	WIRE	KOD	7/78	95	SETLINE	F	10
KOD	8/77	73	WIRE	KOD	5/79	92	SETLINE	-	8
KOD	8/77	108	WIRE	KOD	6/79	-	SETLINE	-	8
KOD	8/77	124	WIRE	-	5/78	-	SETLINE	-	-
KOD	8/77	118	WIRE	-	6/79	-	-	-	-
KOD	8/77	93	WIRE	-	7/79	-	SETLINE	-	-
KOD	8/77	121	WIRE	KOD	7/78	127	TRAWL	-	-
KOD	8/77	85	WIRE	-	5/78	-	SETLINE	-	-
KOD	8/77	151	WIRE	KOD	7/79	164	SETLINE	F	13
KOD	8/77	180	WIRE	-	5/78	-	SETLINE	-	-
KOD	8/77	81	WIRE	KOD	7/78	86	SETLINE	-	7
KOD	8/77	140	WIRE	KOD	5/78	140	SETLINE	M	11
KOD	8/77	88	WIRE	KOD	5/78	95	SETLINE	-	-
KOD	8/77	192	WIRE	KOD	7/78	157	SETLINE	-	13
KOD	8/77	164	WIRE	KOD	7/78	169	SETLINE	-	14
KOD	8/77	144	WIRE	-	7/78	-	SETLINE	-	-
KOD	8/77	123	WIRE	KOD	7/78	134	SETLINE	-	10
KOD	8/77	142	WIRE	KOD	6/79	157	SETLINE	-	-
KOD	8/77	136	WIRE	-	5/78	-	SETLINE	-	-
KOD	8/77	99	WIRE	SE AK	5/78	104	SETLINE	-	8
KOD	8/77	112	WIRE	KOD	7/79	-	SETLINE	-	-
KOD	8/77	90	WIRE	KOD	5/78	92	SETLINE	-	-
KOD	8/77	134	WIRE	KOD	5/78	142	SETLINE	-	15
KOD	8/77	155	WIRE	-	5/78	-	SETLINE	-	-
KOD	8/77	106	WIRE	KOD	7/78	112	SETLINE	-	12
KOD	8/77	154	WIRE	KOD	7/78	-	SETLINE	-	-
KOD	8/77	114	WIRE	KOD	8/78	-	HANDLINE	-	-
KOD	8/77	97	WIRE	KOD	8/78	108	SETLINE	-	11
KOD	8/77	123	WIRE	KOD	5/79	137	SETLINE	-	15
KOD	8/77	104	WIRE	YAK	5/78	113	SETLINE	-	10
KOD	8/77	184	WIRE	KOD	7/79	200	SETLINE	F	18
KOD	8/77	105	WIRE	-	6/78	114	SETLINE	-	10
KOD	8/77	146	WIRE	-	6/78	-	SETLINE	-	-
KOD	8/77	180	WIRE	KOD	7/78	181	SETLINE	-	15
KOD	8/77	191	WIRE	KOD	8/78	196	SETLINE	-	19
CHAR	8/78	116	WIRE	CHAR	6/79	-	-	-	-
CHAR	8/78	88	WIRE	CHAR	7/79	92	SETLINE	-	8
CHAR	8/78	80	WIRE	CHAR	8/79	79	SETLINE	M	12
CHAR	8/78	77	WIRE	CHAR	5/79	81	SETLINE	-	-
CHAR	8/78	83	WIRE	SE AK	6/79	-	SETLINE	-	13
CHAR	8/78	82	WIRE	CHAR	7/79	83	TRAWL	F	12
CHAR	8/78	92	WIRE	CHAR	5/79	-	SETLINE	F	-
CHAR	8/78	87	WIRE	CHAR	6/79	91	SETLINE	M	10
CHAR	8/78	82	WIRE	CHAR	7/79	86	TRAWL	F	12
CHAR	8/78	86	WIRE	CHAR	8/79	90	SETLINE	-	-
CHAR	8/78	104	WIRE	CHAR	6/79	113	SETLINE	F	10
CHAR	8/78	97	WIRE	CHAR	7/79	100	HANDLINE	-	11
CHAR	8/78	76	WIRE	CHAR	7/79	-	SETLINE	-	-
CHAR	8/78	144	WIRE	CHAR	7/79	147	SETLINE	-	13
CHAR	9/78	105	WIRE	CHAR	7/79	116	SETLINE	M	-
CHAR	9/78	112	WIRE	CHAR	5/79	117	SETLINE	-	-
CHAR	9/78	169	WIRE	CHAR	6/79	166	SETLINE	F	23
CHAR	9/78	154	WIRE	CHAR	6/79	154	SETLINE	-	20
CHAR	9/78	85	WIRE	CHAR	6/79	88	SETLINE	-	10
KOD	8/78	158	WIRE	KOD	6/79	158	SETLINE	-	15

*(M)=TAG MISSING AT RECOVERY, M. STRAP=MONEL STRAP, S. STRAP=STAINLESS STEEL STRAP.

TABLE 4. INDIVIDUAL TAG RECOVERIES BY REGION, MONTH AND YEAR OF RELEASE.

RELEASE DATA				RECOVERY DATA					
REGION	MO/YR	LENGTH (CM)	TAG TYPES*	REGION	MO/YR	LENGTH (CM)	GEAR	SEX	AGE
KOD	8/78	123	WIRE	-	6/79	-	SETLINE	-	-
KOD	8/78	92	WIRE	KOD	5/79	95	SETLINE	-	9
KOD	8/78	144	WIRE	KOD	5/79	147	SETLINE	-	12
KOD	8/78	130	WIRE	-	7/79	-	SETLINE	-	-
KOD	9/78	97	WIRE	KOD	7/79	110	SETLINE	-	9
KOD	9/78	84	WIRE	KOD	10/79	95	HANDLINE	-	-
KOD	9/78	65	WIRE	KOD	7/79	70	HANDLINE	-	8

*(M)=TAG MISSING AT RECOVERY, M. STRAP=MONEL STRAP, S. STRAP=STAINLESS STEEL STRAP.

TABLE 5. CATCH PER UNIT EFFORT (NUMBER OF FISH PER SKATE) AND AVERAGE WEIGHT (POUNDS, ROUND WEIGHT) OF THE INCIDENTAL CATCH BY SPECIES, REGION AND YEAR.

REGION: YEAR:	CHARLOTTE 1977		KODIAK 1977		CHARLOTTE 1978	
	CPUE	AVERAGE WEIGHT	CPUE	AVERAGE WEIGHT	CPUE	AVERAGE WEIGHT
SPECIES						
COTTIDS (<u>Hemilepidotus</u> spp.)	-	-	2.03	4.6	<0.00	1.0
PACIFIC COD (<u>Gadus macrocephalus</u>)	0.03	6.9	3.13	7.1	0.02	6.3
ROCKFISH (<u>Sebastes</u> spp.)	0.86	5.3	0.01	4.3	0.98	6.6
SABLEFISH (<u>Anoplopoma fimbria</u>)	1.50	6.7	0.27	5.3	1.06	8.0
SKATES (<u>Raja binoculata</u>) (<u>Raja rhina</u>)	0.83	20.5	0.01	22.5	0.72	19.1
SPINY DOGFISH (<u>Squalus acanthias</u>)	8.19	8.1	0.04	5.9	14.11	6.9
STARFISH (all species)	1.10	2.6	3.55	2.6	0.84	2.2
TURBOT (<u>Atheresthes stomias</u>) (<u>Reinhardtius</u> <u>hippoglossoides</u>)	0.11	4.0	0.10	4.5	0.18	3.4
OTHER SPECIES*	0.33	30.4	0.15	16.1	0.40	18.1

REGION: YEAR:	KODIAK 1978		KODIAK 1979	
	CPUE	AVERAGE WEIGHT	CPUE	AVERAGE WEIGHT
SPECIES				
COTTIDS (<u>Hemilepidotus</u> spp.)	1.15	4.5	0.77	5.5
PACIFIC COD (<u>Gadus macrocephalus</u>)	1.49	6.8	0.90	6.6
ROCKFISH (<u>Sebastes</u> spp.)	0.02	3.4	0.07	5.2
SABLEFISH (<u>Anoplopoma fimbria</u>)	0.21	4.4	0.42	4.5
SKATES (<u>Raja binoculata</u>) (<u>Raja rhina</u>)	0.04	15.9	0.01	12.2
SPINY DOGFISH (<u>Squalus acanthias</u>)	0.01	5.0	0.01	7.5
STARFISH (all species)	2.20	1.5	1.66	2.4
TURBOT (<u>Atheresthes stomias</u>) (<u>Reinhardtius</u> <u>hippoglossoides</u>)	0.01	3.8	0.10	3.8
OTHER SPECIES*	0.15	37.3	0.09	31.9

*OTHER SPECIES INCLUDE LINGCOD (Ophiodon elongatus), GIANT WRYMOUTH (Delolepis gigantea), RATFISH (Hudrolagus colliei), BLUE SHARK (Prionace glauca), KING CRAB (Paralithodes camtschatica), TANNER CRAB (Chionoecetes bairdi), SILVER SALMON (Oncorhynchus kisutch) AND MISCELLANEOUS SHARKS AND SOLES.