

Estimation of Total Incidental Mortality  
(Chinook, Coho and Steelhead)  
Associated with Seine Fishing in  
Johnstone Strait, Sabine Channel and  
Juan De Fuca Strait from 1987 to 1990

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ESTIMATION OF TOTAL INCIDENTAL MORTALITY

(CHINOOK, COHO AND STEELHEAD)

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by

S. C. Di Novo, D. A. Nagtegaal and P. J. Ryall

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## ABSTRACT

Di Novo, S.C., D.A. Nagtegaal and P.J. Ryall. 1997. Estimation of total incidental mortality (chinook, coho and steelhead) associated with seine fishing in Johnstone Strait, Sabine Channel and Juan de Fuca Strait from 1987 to 1990. Can. Data Rep. Fish. Aquat. Sci. 1014: 53 p.

From 1987 to 1990, the Biological Sciences Branch, Department of Fisheries and Oceans, conducted a study to assess total incidental mortality of chinook (*Oncorhynchus tshawytscha*), coho (*O. kisutch*), and steelhead (*O. mykiss*) mortality in the Johnstone Strait and Juan de Fuca Strait sockeye (*O. nerka*), pink (*O. gorbuscha*) and chum salmon (*O. keta*) seine fisheries. Department of Fisheries and Oceans catch statistics are determined from records of salmon sales, and are suspected by some user groups to underestimate the catch of non-target species by seine gear. Earlier reports have examined the relationship between this study's independent estimate of chinook catch and the sales slip record (Nagtegaal and Riddell 1994, Nagtegaal et al. 1993a and 1993b, and Nagtegaal et al. 1990) and will not be further discussed here. This data report provides a complete listing of all salmon catch. Steelhead and coho were not provided in the earlier reports.

Key Words: catch, salmon, incidental mortality, seine, commercial, Johnstone Strait, Sabine Channel, Juan de Fuca Strait

## RÉSUMÉ

DiNovo, S.C., D.A. Nagtegaal and P. Ryall. 1997. Estimation of total incidental mortality (chinook, coho and steelhead) associated with seine fishing in Johnstone Strait, Sabine Channel and Juan de Fuca Strait from 1987 to 1990. Can. Data Rep. Fish. Aquat. Sci. 1014: 53 p.

La Direction des sciences biologiques du ministère des Pêches et des Océans a effectué, entre 1987 et 1990, une étude visant à déterminer la mortalité totale du quinnat (*Oncorhynchus tshawytscha*), du coho (*O. kisutch*) et du saumon arc-en-ciel (*O. mykiss*) dans les prises accessoires des senneurs pêchant le saumon rouge (*O. nerka*), le saumon rose (*O. gorbuscha*) et le saumon kéta (*O. keta*) dans les détroits de Johnstone et de Juan de Fuca. Les statistiques sur les captures du ministère des Pêches et des Océans sont établies en fonction des registres des ventes de saumons; certains groupes d'utilisateurs pensent qu'on y sous-estime les captures par les senneurs d'espèces non visées. Comme des rapports antérieurs ont examiné le lien existant entre l'estimation indépendante des captures de quinnat de la présente étude et les registres des ventes (Nagtegaal et Riddell, 1994; Nagtegaal *et al.*, 1993a et 1993b; Nagtegaal *et al.*, 1990), nous n'y reviendrons pas ici. La présente étude fait état de toutes les captures de saumon. Les données sur le saumon arc-en-ciel et sur le coho n'ont pas été fournies dans les rapports précédents.

Mots-clés : capture, saumon, mortalité dans les prises accessoires, senne, pêche commerciale, détroit de Johnstone, chenal Sabine, détroit de Juan de Fuca.

## INTRODUCTION

In 1985, the Pacific Salmon Treaty concerning management of Pacific salmon (*Oncorhynchus spp.*) was ratified by the governments of the United States and Canada. A commitment of the treaty was the recording of all sources of chinook (*O. tshawytscha*) mortality, including non-reported mortality during fishing. With respect to coho (*O. kisutch*) salmon the parties committed to limiting incidental catch of coho salmon, in fisheries targeting on other species, that intercept coho stocks originating in the rivers of the other country which require conservation action or such other action as determined by the Commissioners of the Pacific Salmon Treaty.

To evaluate the impact of seine fisheries on non-target salmon species, the Biological Sciences Branch, Department of Fisheries and Oceans, undertook an independent estimation of total chinook, coho and steelhead catch to more accurately determine total mortality. This estimate could then be compared with the observed sales slip data. The purpose of this report is to present the methodology and results of the chinook mortality studies conducted during the 1987 to 1990 sockeye (*O. nerka*) and pink (*O. gorbuscha*) and some chum (*O. keta*) seine fisheries in southern B.C.

## METHODS

### A. GENERAL METHODOLOGY

Information required to calculate total chinook mortality associated with the seine fishery include: i) mean catch per set by species and size category; ii) mean number of sets made per vessel in each time/area stratum; and iii) the numbers of vessels fishing by time and area. Chinook catch was recorded for three size categories: i) adults [ $>2.3$  kg (5 lb.),  $>57$  cm fork length]; ii) jacks [1.4 - 2.3 kg (3-5 lb.), 45-57 cm]; and juveniles [ $<1.4$  kg (3 lb.),  $<45$  cm]. Coho catch was recorded as single category during the years 1987 to 1989. In 1990 coho salmon was recorded in two size categories: i) adults [ $>43$  cm fork length]; and ii) juveniles [ $<43$  cm fork length]. Steelhead catch was recorded as a single category for all years 1987 to 1990.

The overall concept of the program was to extrapolate the estimated mean catch per seine set over all sets made. Monte-Carlo simulations (Efron 1982) were conducted within strata and estimates were summed to determine the total catch estimate. A detailed description of data collection methods, treatment of missing data cells, and catch estimation procedures follows. In addition to the regular survey, biological observers also monitored a seine opening in the mainland inlets (primarily Tribune Channel; Stat. area 12-35, 12-37) in 1990 and Sabine Channel

(Stat. Area 16) in 1987 and 1990. A concerted effort was made to monitor the Aug. 6, 1990 opening in Tribune Channel. Two other openings were not monitored very closely since our efforts were focused on the Johnstone Strait fishery. Only the Aug., 16-17, 1987 and Sept. 2-3, 1990 fishery opening in Sabine Channel was monitored.

Table 1 lists the commercial fishing and survey dates in Johnstone Strait, Sabine Channel and Juan de Fuca Strait.

i) Catch/set:

Data for the catch of individual sets were collected by observers boarding seine vessels as the set was being brought on board. The procedure involved approaching the vessel and requesting permission from the skipper to board, recording the catch of all species, and taking biological samples whenever possible. Observers could quite easily stand beside the drum on the stern of the vessel and observe the catch. Most fish were funnelled to the end of the net and were brought on deck over the stern. Undersized fish, including juvenile chinook would sometimes be tangled or gilled in the web and rolled up on the drum as the net was being hauled. Observation was more difficult when large catches were encountered. Portions of larger catches often were lifted directly into the vessel hold using a brailer until all the catch was in the hold.

Chinook catch is divided into three size categories:

i) adults [ $>2.3\text{ kg (5 lb.)}, >57\text{ cm fork length}$ ; ii) jacks { $1.4\text{ kg-2.3 kg (3-5 lb.)}, 45-57\text{ cm}$ }; and iii) juveniles [ $<1.4\text{ kg (3 lb.)}, <45\text{ cm}$ ]. In all sets, the numbers of chinook caught were counted by the observers. Observers counted the numbers of all other species caught when the catch was less than approximately 50 fish, and for large catches, numbers were estimated by either the observer or the skipper. Other pertinent data such as location, tide time of day and type of set (tied to shore vs. open sets) were also recorded.

ii) Biological sampling:

Biological data (length/sex/maturity/scale) were collected (MacLellan 1987) from most fish in the jack and juvenile categories. Some adult chinook were also sampled. Sampling was limited by availability and co-operation of seine boat skippers. Adult samples were limited because skippers were worried that the fish would be mutilated and consequently lose commercial value.

iii) Number of sets/day/vessel:

The observers would ask the skipper of each vessel boarded for the number of sets made up until the time of boarding. From these data an average number of sets per hour could be calculated per stratum. The total number of sets made that day was determined by extrapolating the calculated average number of sets per hour over the total time available for fishing in that day.

Available fishing time was defined on the basis of the official opening/closing times issued by the Department of Fisheries and Oceans, Fisheries Branch, or assumed to be from dawn till dusk.

iv) Gear count:

Prior to each week's fishery opening, a routine departmental overflight was scheduled by the Department of Fisheries and Oceans, Fisheries Branch. When the fishery was scheduled to last more than one 24-hour period, an extra gear count was to be taken for each additional fishing day during a given week. Usually during each week, fishery officers also estimated the number of vessels on the fishing grounds from their patrol vessel.

v) Cannery data:

As part of the coastwide sampling for the recovery of coded-wire tags, standard biological samples were collected by J.O.Thomas and Associates at the major cannery facilities in Vancouver. These data, collected during the sockeye and pink seine fisheries in Johnstone Strait and Juan de Fuca, could be used to corroborate the field biological data collected from this survey.

vi) Catch estimation and Monte-Carlo simulations of confidence regions:

Total catch for each species and/or size stratum was calculated according to the following equation:

$$T_{1j} = \sum_{k=1}^m \sum_{i=1}^n (\bar{C}_{ijk1} * \bar{S}_{ik} * \bar{V}_{ik}) \quad (\text{equation 1.1})$$

where

$T_{1j}$  is the total catch estimate for the size category j of species 1 over the season

$\bar{C}_{ijk1}$  is the average catch/set by fishing day k and geographic area i for category j of species 1

$S_{ik}$  is the average number of sets/day/vessel within each (i,k) stratum

$V_{ik}$  is the estimated total number of vessels per (i,k) stratum

m is the number of days

n is the number of areas

The Monte-Carlo simulation technique (Efron 1982) involves resampling, with replacement, the data for catch/set, sets/day/vessel and numbers of vessels per day within each time and area stratum, then determining the average of these resampled data prior to each calculation of total catch. This process of calculating a mean value for each variable by day and estimating the total catch was repeated 1,000 times. The final estimate of total catch by day or season was determined to be the mean of these 1,000 iterations. Confidence regions about the average catch estimate were determined by excluding the upper and lower 2.5% of the distribution of catches resulting from the 1,000 iterations.

If sufficient data had been collected on a given day, the data for the catch/set and sets/day/vessel were resampled with replacement the same number of times as the number of data points collected for that variable on that day. Using a random number generator (subroutine GGUBFS of IMSL 1980), data points were selected from the data array for that variable. the mean was then calculated for each variable and incorporated into the equation to calculate total catch.

Since the daily gear counts are only a point estimate, the data could not be resampled in the manner described above. In 1986, an approximate estimate of the error in the overflight counts was made by looking at the variation in gear counts for Johnstone Strait between consecutive days within a fishing week. Assuming that no vessel movement in or out of Johnstone Strait occurred in a given fishing week, the changes in total gear count could be contributed to counting error. The coefficient of variation ranged from 6-16% based on weeks 3 and 4 of that fishery (Nagtegaal et al., 1988). Although the assumption of no movement is probably unrealistic, the results are at least an approximation of the level of error. A similar calculation was not possible with the 1987 data due to the lack of second overflights within fishing weeks. Based on the 1986 results, the coefficient of variation for the overflight counts was set at 10%. This was incorporated into the calculation of catch by using a random normal deviate procedure (Subroutine GGNML of IMSL 1980) to include the error as follows:

$$\text{Standard Deviation (S)} = (10\% \text{ error} * \text{gear count})/100 \quad (\text{equation 1.2})$$

and

$$Y(I) = (RND(I) * S) + M \quad (\text{equation 1.3})$$

Where the new value Y is equal to the product of the random normal deviate (RND) and the standard deviation (S) added to the mean (M), in this case the original point estimate. This value then served as the resampled estimate of gear and was used in the next calculation of total catch in the Monte-Carlo simulation.

## B. MISSING DATA

Due to equipment failures and inclement weather it was impossible to collect data for every stratum. Missing data cells were extrapolated according to the following procedures.

i) Catch per set:

A cell was considered empty if fewer than 5 sets were observed in that day and study area. If the total number of sets observed during that fishing week was greater than 5, then the average catch/set calculated for all days in that week within the study area was assumed to be the value for that day. If the total number of sets observed for that week was less than 5, then the average catch per set calculated for the following week in that study area was assumed to be the value for that day. Justification for this method comes from an analysis of variance of catch per set by day (Nagtegaal et al., 1990). In virtually all cases, the variance within a given day was greater than among days. Therefore, it would be reasonable to use the mean for the entire week if a daily stratum was empty.

ii) Sets per day per vessel:

As described earlier, data for sets per day were collected each time a vessel was boarded. Estimates of total sets per day were made by extrapolating the average number of sets per hour over the available hours of fishing in that day. Table 1 contains the opening times and total available hours, for fishing by statistical area and date, that were used in this analysis. If less than five observations for sets per hour were collected, then all the information for that week in a given area was pooled to calculate the average number of sets per hour for the week. This estimate was then used to calculate the total numbers of sets made for that day.

iii) Gear counts:

Missing data by day were estimated to be the average daily number of vessels counted during that fishing week within the stratum if data for more than one day was available during a given week. If only one over-flight gear count was taken for a given week then that gear count was applied to each day of that week. These counts were compared with the number of observer boardings made in that area on that day and if the number of unique boardings were greater than the over flight count, the boarding data were assumed to be the better estimate. On some days the Fishery officers would also estimate the gear on the fishing grounds. When available we considered the overflight data to be the best estimate of the total gear count.

## C. DATA COLLECTION

### i) Johnstone Strait:

Collection of data in Johnstone Strait was stratified by day and five sub-areas (Fig. 1). Data were collected by day since this was the lowest level of time stratification possible given the available resources. Johnstone Strait was split into five sub areas, corresponding to the management stratification presently used and to areas of major traditional fishing effort. The field staff for this study in Johnstone Strait consisted of five teams,(one boat driver/one biological observer),one for each sub-area. One set of observers was stationed in Port Hardy to monitor the Gordon Group area. Two sets of observers were stationed in Port McNeil to cover the North Shore area of Malcolm Island and the Upper Johnstone Strait area to Robson Bight. Two sets of observers were stationed at Kelsey Bay. The first group monitored the area above Kelsey Bay to Robson Bight and the second group covered the areas below Kelsey Bay to Discovery Passage.

One adjustment relative to the 1986 pilot study was made concerning the groupings of Johnstone Strait sub-areas in the calculations. From the pilot study in 1986, it was noted that the majority of fishing effort was concentrated in the Upper Johnstone Strait sub-area and that few vessels fished in Discovery Passage. From these observations, it was decided in 1987 to move the observer team that had been located in Discovery Passage in 1986 to Kelsey Bay in order to increase coverage of the area in Upper Johnstone Strait. As a result of this move, however, few vessels were monitored in the Discovery Passage area. To compensate for this, it was decided to use catch per set per day data from the Lower Johnstone Strait sub-area to calculate catch estimates for Discovery Passage. Comparison of 1986 sockeye catch per set data between Lower Johnstone Strait and Discovery Passage data indicates that less than 10% of the variance was attributed to area differences (Nagtegaal et al., 1990).

### ii) Sabine Channel:

Sabine Channel (Fig. 2) data were collected on August 16 and 17 only. It was only possible to relocate sampling crews to this fishery when Juan de Fuca was closed to fishing, since resources were limited.

### iii) Juan de Fuca:

Collection of data in Juan de Fuca was stratified as much as possible by fishing line. Seine vessels align themselves along imaginary fishing lines perpendicular to the coast from the western border of statistical area 20 (Blue Line) to Sheringham Point,(Fig. 3). Seiners vie for position along these fishing lines, and during intense fishing periods, several vessels will queue in a line-up to make a set at a particular spot. The majority of fishing effort was concentrated in the

first three lines. Initially, two teams of observers (one driver/two biological observers) were stationed in Port Renfrew. Since seine vessels were concentrated in a small area, it was felt that increased sampling could be achieved by having two observers per team. In that way, each team could conceivably monitor twice as many boats. Power skiffs are used in the Juan de Fuca Fishery to maintain the position of the seiner while the set is towed and then hauled aboard. The use of these skiffs made it very difficult for the biological observer to be placed on board while the net was hauled in. This situation demanded that the observer be placed aboard before hauling began; consequently the person would remain on the seiner for approximately one hour to monitor one set. It became evident that it was impractical for the driver to place each of the two observers on separate vessels and then keep track of them at all times. After the first week therefore, each team placed observers on only one vessel at a time.

Stratification by fishery line was accomplished by, somewhat arbitrarily, grouping lines 1-3 and 4-12. This combination was based on the results that the average sockeye catch per set was considerably higher in the first three fishery lines compared to subsequent lines. A more detailed stratification by fishing line may have been desirable but, since data were limited, it was decided to minimise the groupings. Stratification by fishing line was applied to the first two openings of the fishery only, since insufficient catch per set and gear count data were available for the September 2 opening. We treated the September 2 fishery as a single stratum.

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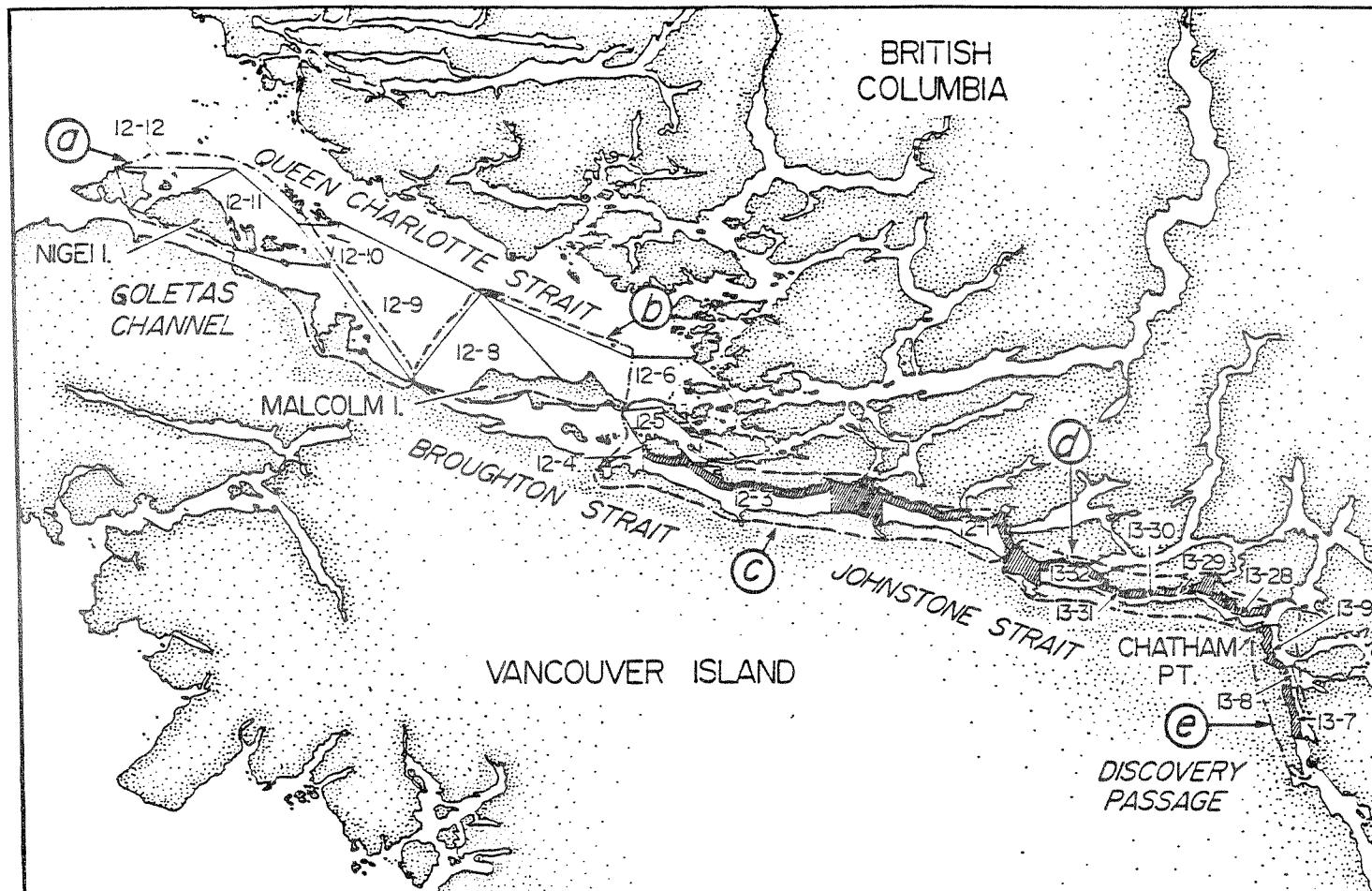


Fig. 1. Locations of management areas and study areas (a - Gordon Group, b - North Shore, c - Upper Johnstone Strait, d - Lower Johnstone Strait, e - Discovery Passage). Hatched sections represent areas closed to commercial fishing.

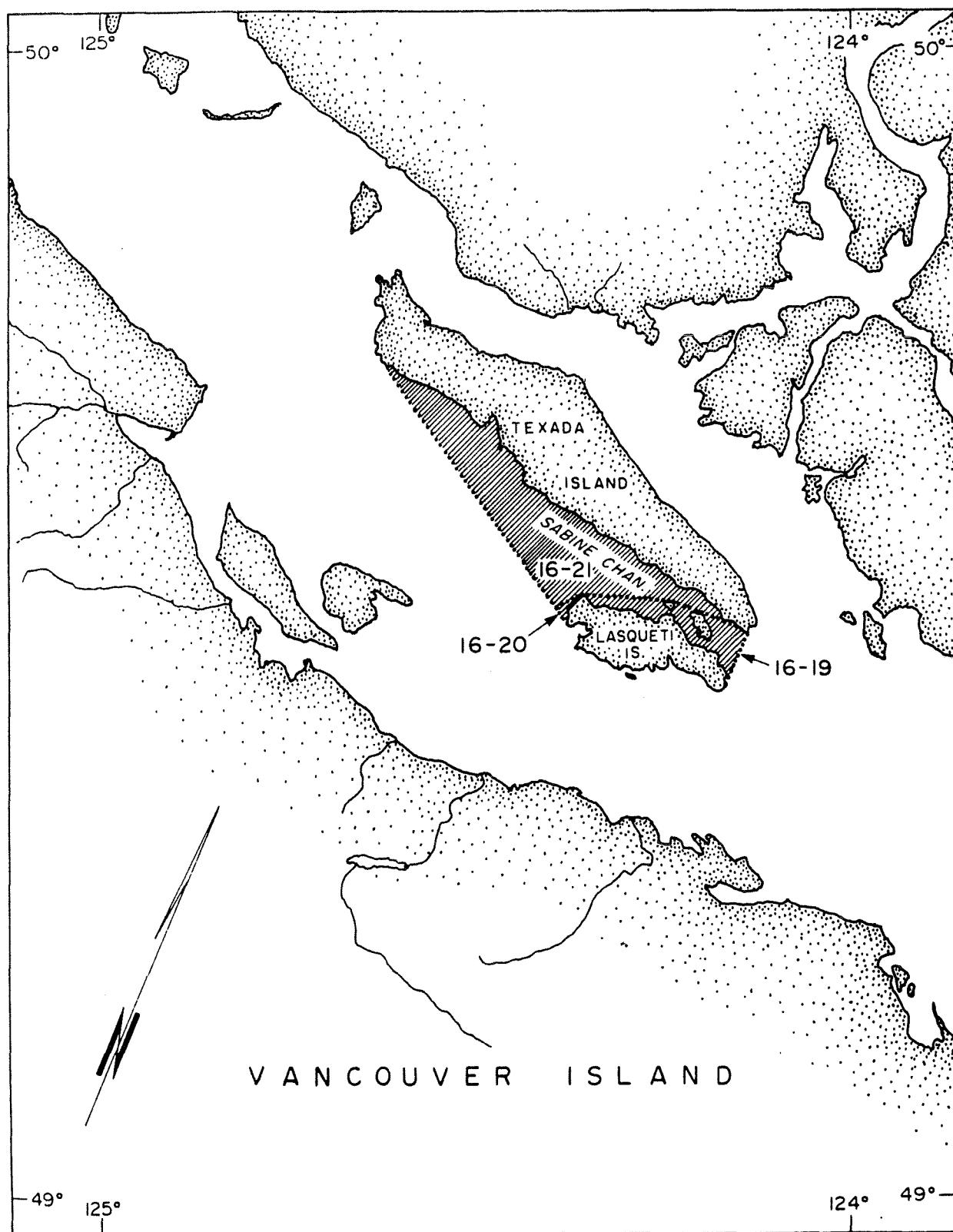


Fig. 2. Locations of management and study areas (hatched) in Sabine Channel, Georgia Strait.

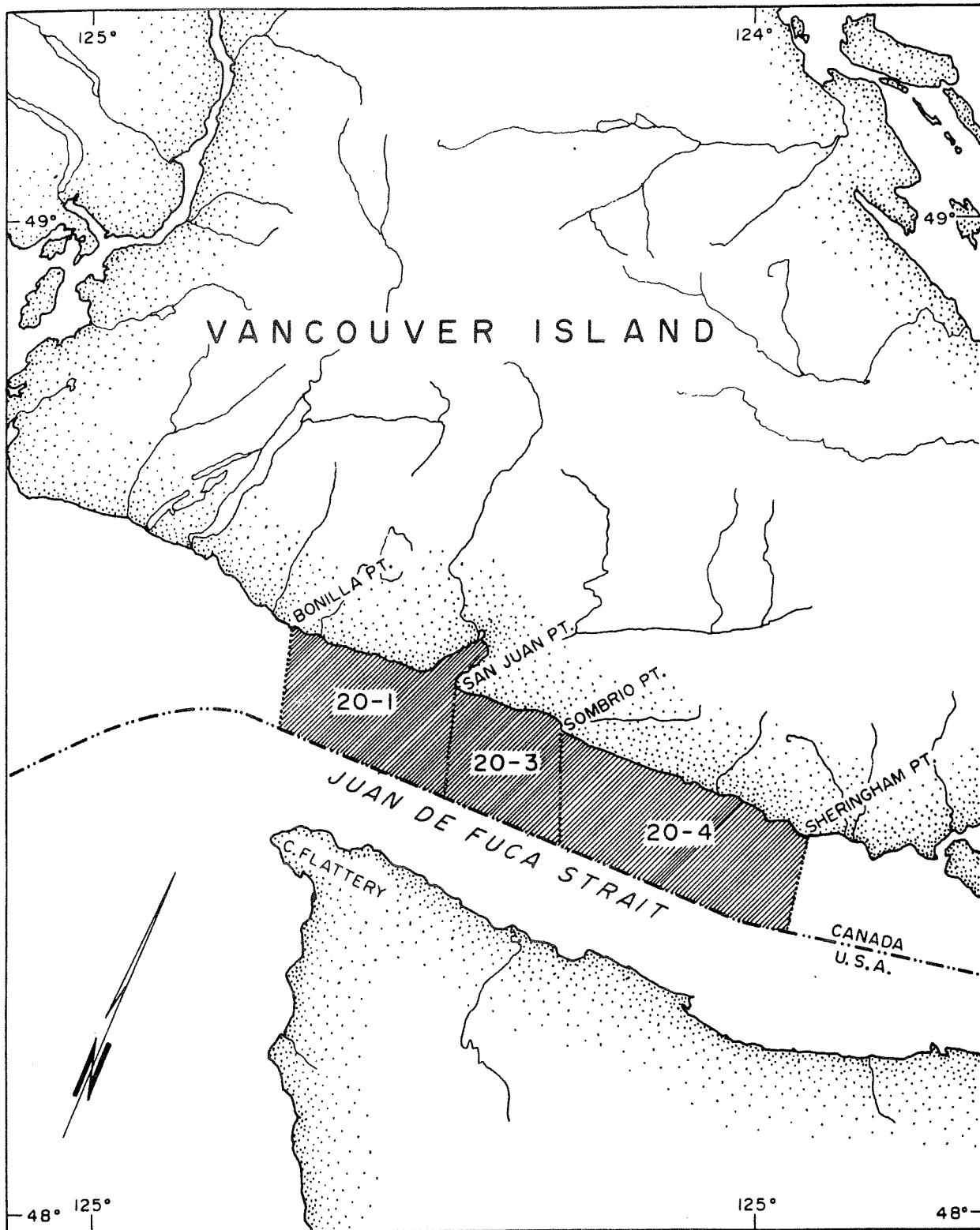


Fig. 3. Locations of management and study areas (hatched) in Juan de Fuca Strait.

Table 1. Seine Fishery Openings and Available Fishing Time For Areas 12,13,16 and 20, (1987 to 1990).

<b>Area</b>	<b>Date of Opening</b>	<b>Available Fishing Hours</b>
<u>Sockeye Fishery:</u>	<u>1987:</u>	
Johnstone Strait	August 2-3	15.5
Statistical Area 12, 13	August 9-11	31.0
	August 16-17	15.5
	August 22-24	31.0
	September 1-2	15.5
Sabine Channel	August 9-11	NS
Statistical Area 16	August 16-17	15.5
	August 21-22	NS
	September 1-2	NS
Juan de Fuca Strait	August 10-11	27.5
Statistical Area 20	August 22-24	36.0
	September 2	12.0
<u>Chum Fishery:</u>	<u>1987:</u>	
Johnstone Strait	September 21-22	15.5
Statistical Area 12, 13		
<u>Coho Fishery:</u>	<u>1987:</u>	
Juan de Fuca Strait	September 27	9.0
Statistical Area 20		
<u>Sockeye Fishery:</u>	<u>1988:</u>	
Johnstone Strait	July 24-25	15.5
Statistical Area 12, 13	August 8-10	31.0
	August 14-16	31.0
	August 21-22	15.5
Juan de Fuca Strait	August 10-12	36.0
Statistical Area 20	August 17-19	36.0
(no seiners fished on Aug 23)	August 22-23	12.0
<u>Chum Fishery:</u>	<u>1988:</u>	
Johnstone Strait	September 14-15	15.5
Statistical Area 12, 13	September 26-27	15.5
	October 13-14	15.5
	October 20-21	15.5

Table 1. Seine Fishery Openings and Available Fishing Time For Areas 12,13,16 and 20, (1987 to 1990).  
(cont'd)

<u>Area</u>	<u>Date of Opening</u>	<u>Available Fishing Hours</u>
<u>Sockeye Fishery:</u>	<u>1989:</u>	
Johnstone Strait	July 16-17	15.5
Statistical Area 12, 13	July 23-25	31.0
	July 30-31	19.0
	August 1-2	27.5
	August 7-9	31.0
	August 13-16	46.5
	August 20-22	31.0
	August 27-29	31.0
	September 4-5	15.5
Juan de Fuca Strait	July 17	12.0
Statistical Area 20	July 31	12.0
	August 1-2	24.0
	August 8-9	24.0
	August 14-17	48.0
	August 20-22	36.0
	August 27-29	36.0
	September 5	12.0
<u>Sockeye Fishery:</u>	<u>1990:</u>	
Johnstone Strait	August 12-14	27.5
Statistical Area 12, 13	August 19-21	27.5
	August 26-29	46.5
	September 2-3	15.5
Sabine Channel	September 2-3	15.5
Statistical Area 16		
Juan de Fuca Strait	August 13-14	24.0
Statistical Area 20	August 20-22	36.0
	August 26-27	24.0

Table 2. Catch Per Set Statistics Compiled From Data Collected During The Johnstone Strait Seine Fishery, (1987 to 1990).

Year	SubArea	Date	CPUE Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum	Coho <sup>a</sup>	Steelhead
1987	Gordon Group	2-Aug-87	Count	3	3	3	3	3	3	3	3
			Mean	0.00	0.00	0.67	55.00	0.33	0.00	0.00	0.00
			Median	0.00	0.00	0.00	35.00	0.00	0.00	0.00	0.00
			St. Dev.	0.00	0.00	1.15	39.05	0.58	0.00	0.00	0.00
			Sum	0	0	2	165	1	0	0	0
		3-Aug-87	Count	22	22	22	22	22	22	22	22
			Mean	0.27	0.14	0.91	54.41	13.18	0.23	1.45	0.00
			Median	0.00	0.00	0.50	32.50	10.00	0.00	1.00	0.00
			St. Dev.	0.63	0.47	1.41	73.97	13.92	0.53	1.47	0.00
			Sum	6	3	20	1197	290	5	32	0
		9-Aug-87	Count	7	7	7	7	7	7	7	7
			Mean	0.43	0.57	0.57	19.14	17.14	0.00	0.00	0.00
			Median	0.00	0.00	0.00	6.00	18.00	0.00	0.00	0.00
			St. Dev.	0.79	0.98	1.13	36.27	16.53	0.00	0.00	0.00
			Sum	3	4	4	134	120	0	0	0
		10-Aug-87	Count	18	18	18	18	18	18	18	18
			Mean	0.50	0.00	0.11	89.33	26.39	1.56	0.56	0.00
			Median	0.00	0.00	0.00	30.00	15.00	0.00	0.00	0.00
			St. Dev.	0.99	0.00	0.32	131.76	27.57	4.10	0.78	0.00
			Sum	9	0	2	1608	475	28	10	0
		11-Aug-87	Count	13	13	13	13	13	13	13	13
			Mean	0.46	0.00	0.23	65.00	21.15	2.08	0.23	0.00
			Median	0.00	0.00	0.00	25.00	15.00	0.00	0.00	0.00
			St. Dev.	0.66	0.00	0.44	85.97	15.98	5.47	0.83	0.00
			Sum	6	0	3	845	275	27	3	0
		16-Aug-87	Count	3	3	3	3	3	3	3	3
			Mean	0.00	0.00	0.33	7.00	13.33	0.00	0.00	0.00
			Median	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00
			St. Dev.	0.00	0.00	0.58	11.27	23.09	0.00	0.00	0.00
			Sum	0	0	1	21	40	0	0	0
		17-Aug-87	Count	22	22	22	22	22	22	22	22
			Mean	0.14	0.14	0.05	9.36	8.14	0.50	0.45	0.00
			Median	0.00	0.00	0.00	5.50	5.50	0.00	0.00	0.00
			St. Dev.	0.35	0.47	0.21	9.11	8.82	0.96	0.80	0.00
			Sum	3	3	1	206	179	11	10	0
		23-Aug-87	Count	9	9	9	9	9	9	9	9
			Mean	1.67	0.33	0.67	26.67	35.89	0.44	4.67	0.00
			Median	1.00	0.00	0.00	24.00	30.00	0.00	1.00	0.00
			St. Dev.	2.06	0.50	1.00	24.87	36.68	0.88	7.19	0.00
			Sum	15	3	6	240	323	4	42	0
		24-Aug-87	Count	12	12	12	12	12	12	12	12
			Mean	1.08	0.50	0.50	18.25	50.58	0.17	7.33	0.00
			Median	0.00	0.00	0.00	9.00	35.00	0.00	2.00	0.00
			St. Dev.	2.27	1.24	1.17	26.81	42.88	0.39	14.04	0.00
			Sum	13	6	6	219	607	2	88	0
1987	Gordon Group	total Aug	Count	109	109	109	109	109	109	109	109
			Mean	0.50	0.17	0.41	42.52	21.19	0.71	1.70	0.00
			Median	0.00	0.00	0.00	15.00	10.00	0.00	0.00	0.00
			St. Dev.	1.18	0.59	0.93	75.48	26.34	2.60	5.48	0.00
			Sum	55	19	45	4635	2310	77	185	0
		2-Sep-87	Count	9	9	9	9	9	9	9	9
		21-Sep-87	Mean	0.44	0.00	0.44	9.44	43.78	2.00	1.44	0.00
			Median	0.00	0.00	0.00	4.00	40.00	1.00	1.00	0.00
			St. Dev.	0.73	0.00	1.01	8.89	33.50	3.20	1.13	0.00
			Sum	4	0	4	85	394	18	13	0
		22-Sep-87	Count	8	8	8	8	8	8	8	8
			Mean	0.50	0.00	0.00	0.00	1.38	11.25	0.63	0.00
			Median	0.00	0.00	0.00	0.00	1.50	5.50	0.50	0.00
			St. Dev.	1.07	0.00	0.00	0.00	1.41	20.15	0.74	0.00
			Sum	4	0	0	0	11	90	5	0
			Count	16	16	16	16	16	16	16	16
			Mean	0.00	0.00	0.06	0.00	1.13	12.81	0.50	0.00
			Median	0.00	0.00	0.00	0.00	0.50	5.50	0.00	0.00
			St. Dev.	0.00	0.00	0.25	0.00	1.45	15.59	0.97	0.00
			Sum	0	0	1	0	18	205	8	0

Table 2. Catch Per Set Statistics Compiled From Data Collected During The Johnstone Strait Seine Fishery, (1987 to 1990).  
(cont'd)

Year	SubArea	Date	CPUE Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum	Coho <sup>4</sup>	Steelhead
1987	Gordon Group	total Sep	Count	33	33	33	33	33	33	33	33
			Mean	0.24	0.00	0.15	2.58	12.82	9.48	0.79	0.00
			Median	0.00	0.00	0.00	0.00	2.00	2.00	0.00	0.00
			St. Dev.	0.66	0.00	0.57	6.16	25.55	15.08	1.02	0.00
			Sum	8	0	5	85	423	313	26	0
1988	Gordon Group	8-Aug-88	Count	4	4	4	4	4	4	4	4
			Mean	1.00	12.50	3.50	15.00	23.00	1.50	8.50	0.00
			Median	0.50	6.00	1.00	12.50	21.00	0.00	6.00	0.00
			St. Dev.	1.41	17.92	5.74	12.25	24.79	3.00	9.98	0.00
			Sum	4	50	14	60	92	6	34	0
		9-Aug-88	Count	12	12	12	12	12	12	12	12
			Mean	0.00	1.33	0.33	5.58	15.08	3.17	4.83	0.00
			Median	0.00	0.50	0.00	4.50	14.00	1.00	2.50	0.00
			St. Dev.	0.00	1.78	0.65	5.11	8.94	5.51	4.71	0.00
			Sum	0	16	4	67	181	38	58	0
		14-Aug-88	Count	6	6	6	6	6	6	6	6
			Mean	0.17	0.67	1.33	2.17	11.00	3.33	10.17	0.00
			Median	0.00	0.00	0.00	2.50	12.50	2.50	5.00	0.00
			St. Dev.	0.41	1.21	3.27	1.47	6.99	3.67	14.82	0.00
			Sum	1	4	8	13	66	20	61	0
		15-Aug-88	Count	23	23	23	23	23	23	23	23
			Mean	0.22	0.35	0.35	1.00	9.04	0.74	6.00	0.00
			Median	0.00	0.00	0.00	0.00	3.00	0.00	5.00	0.00
			St. Dev.	0.52	0.88	0.65	1.38	10.93	1.36	4.54	0.00
			Sum	5	8	8	23	208	17	138	0
		16-Aug-88	Count	28	28	28	28	28	28	28	28
			Mean	0.21	0.25	0.39	2.68	5.89	0.29	4.25	0.00
			Median	0.00	0.00	0.00	1.00	4.00	0.00	3.00	0.00
			St. Dev.	0.79	0.65	0.63	3.50	5.33	0.76	4.85	0.00
			Sum	6	7	11	75	165	8	119	0
		21-Aug-88	Count	7	7	7	7	7	7	7	7
			Mean	0.43	0.57	0.43	1.00	5.00	0.00	6.29	0.00
			Median	0.00	0.00	0.00	0.00	4.00	0.00	4.00	0.00
			St. Dev.	0.79	1.51	0.79	2.24	4.40	0.00	6.68	0.00
			Sum	3	4	3	7	35	0	44	0
		22-Aug-88	Count	14	14	14	14	14	14	14	14
			Mean	0.21	0.43	0.43	2.29	3.21	1.00	5.21	0.00
			Median	0.00	0.00	0.00	0.50	2.50	0.00	3.50	0.00
			St. Dev.	0.43	0.76	0.65	4.89	3.83	2.99	5.85	0.00
			Sum	3	6	6	32	45	14	73	0
		1988	Gordon Group	Count	94	94	94	94	94	94	94
			Mean	0.23	1.01	0.57	2.95	8.43	1.10	5.61	0.00
			Median	0.00	0.00	0.00	1.00	4.00	0.00	4.00	0.00
			St. Dev.	0.65	4.17	1.56	4.92	9.69	2.77	6.28	0.00
			Sum	22	95	54	277	792	103	527	0
		14-Sep-88	Count	2	2	2	2	2	2	2	2
			Mean	0.00	0.50	1.00	0.00	2.00	1.50	2.00	0.00
			Median	0.00	0.50	1.00	0.00	2.00	1.50	2.00	0.00
			St. Dev.	0.00	0.71	1.41	0.00	0.00	0.71	1.41	0.00
			Sum	0	1	2	0	4	3	4	0
		15-Sep-88	Count	9	9	9	9	9	9	9	9
			Mean	0.11	0.00	0.11	0.00	0.89	2.89	2.11	0.00
			Median	0.00	0.00	0.00	0.00	1.00	1.00	2.00	0.00
			St. Dev.	0.33	0.00	0.33	0.00	0.93	4.04	1.96	0.00
			Sum	1	0	1	0	8	26	19	0
		1988	Gordon Group	Count	11	11	11	11	11	11	11
			Mean	0.09	0.09	0.27	0.00	1.09	2.64	2.09	0.00
			Median	0.00	0.00	0.00	0.00	1.00	1.00	2.00	0.00
			St. Dev.	0.30	0.30	0.65	0.00	0.94	3.67	1.81	0.00
			Sum	1	1	3	0	12	29	23	0
		1989	Gordon Group	Count	2	2	2	2	2	2	2
			Mean	0.00	0.00	0.00	120.00	30.00	0.00	0.00	0.00
			Median	0.00	0.00	0.00	120.00	30.00	0.00	0.00	0.00
			St. Dev.	0.00	0.00	0.00	113.14	28.28	0.00	0.00	0.00
			Sum	0	0	0	240	60	0	0	0

Table 2. Catch Per Set Statistics Compiled From Data Collected During The Johnstone Strait Seine Fishery, (1987 to 1990).  
(cont'd)

Year	SubArea	Date	CPUE Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum	Coho <sup>4</sup>	Steelhead
1989	Gordon Group	total July	24-Jul-89	Count	6	6	6	6	6	6	6
			Mean	0.00	0.17	0.00	15.00	12.17	0.00	2.00	0.00
			Median	0.00	0.00	0.00	9.00	12.50	0.00	1.00	0.00
			St. Dev.	0.00	0.41	0.00	13.83	9.11	0.00	2.45	0.00
			Sum	0	1	0	90	73	0	12	0
			30-Jul-89	Count	7	7	7	7	7	7	7
			Mean	0.29	0.00	0.57	73.57	24.14	0.29	15.00	0.00
			Median	0.00	0.00	0.00	80.00	20.00	0.00	20.00	0.00
			St. Dev.	0.76	0.00	1.13	55.58	18.98	0.76	11.18	0.00
			Sum	2	0	4	515	169	2	105	0
			31-Jul-89	Count	24	24	24	24	24	24	24
			Mean	0.25	0.08	0.00	179.50	17.71	0.29	2.42	0.00
			Median	0.00	0.00	0.00	50.00	20.00	0.00	0.00	0.00
			St. Dev.	0.61	0.41	0.00	408.51	14.89	0.75	5.06	0.00
			Sum	6	2	0	4308	425	7	58	0
			1-Aug-89	Count	39	39	39	39	39	39	39
			Mean	0.21	0.08	0.10	132.13	18.64	0.23	4.49	0.00
			Median	0.00	0.00	0.00	40.00	20.00	0.00	0.00	0.00
			St. Dev.	0.57	0.35	0.50	325.70	15.57	0.67	7.82	0.00
			Sum	8	3	4	5153	727	9	175	0
			2-Aug-89	Count	11	11	11	11	11	11	11
			Mean	0.00	0.00	0.00	20.36	7.73	0.00	0.91	0.00
			Median	0.00	0.00	0.00	20.00	5.00	0.00	0.00	0.00
			St. Dev.	0.00	0.00	0.00	10.50	6.72	0.00	3.02	0.00
			Sum	0	0	0	224	85	0	10	0
			7-Aug-89	Count	30	30	30	30	30	30	30
			Mean	0.03	0.17	0.00	208.00	5.70	0.13	0.20	0.00
			Median	0.00	0.00	0.00	37.50	0.00	0.00	0.00	0.00
			St. Dev.	0.18	0.53	0.00	446.02	8.21	0.43	0.92	0.00
			Sum	1	5	0	6240	171	4	6	0
			8-Aug-89	Count	6	6	6	6	6	6	6
			Mean	1.17	0.00	0.00	73.33	12.00	0.50	1.50	0.00
			Median	0.50	0.00	0.00	8.50	11.50	0.00	0.50	0.00
			St. Dev.	1.60	0.00	0.00	160.05	6.93	0.84	1.97	0.00
			Sum	7	0	0	440	72	3	9	0
			9-Aug-89	Count	21	21	21	21	21	21	21
			Mean	0.57	0.00	0.10	13.00	7.14	0.71	0.62	0.00
			Median	0.00	0.00	0.00	10.00	6.00	0.00	0.00	0.00
			St. Dev.	1.40	0.00	0.30	13.37	5.92	1.71	1.02	0.00
			Sum	12	0	2	273	150	15	13	0
			13-Aug-89	Count	10	10	10	10	10	10	10
			Mean	0.00	0.20	0.00	25.10	8.30	0.00	0.90	0.00
			Median	0.00	0.00	0.00	16.00	7.50	0.00	0.00	0.00
			St. Dev.	0.00	0.42	0.00	22.25	7.12	0.00	2.02	0.00
			Sum	0	2	0	251	83	0	9	0
			14-Aug-89	Count	6	6	6	6	6	6	6
			Mean	0.33	0.00	0.00	116.33	77.67	0.33	4.17	0.00
			Median	0.00	0.00	0.00	65.00	28.00	0.00	5.50	0.00
			St. Dev.	0.52	0.00	0.00	150.02	115.23	0.82	3.37	0.00
			Sum	2	0	0	698	466	2	25	0
			15-Aug-89	Count	32	32	32	32	32	32	32
			Mean	0.66	0.03	0.03	94.53	144.38	4.38	7.78	0.00
			Median	0.00	0.00	0.00	26.50	38.00	0.00	3.00	0.00
			St. Dev.	1.12	0.18	0.18	117.99	197.02	17.72	11.55	0.00
			Sum	21	1	1	3025	4620	140	249	0
			16-Aug-89	Count	22	22	22	22	22	22	22
			Mean	0.45	0.05	0.05	408.45	221.64	0.09	12.77	0.00
			Median	0.00	0.00	0.00	275.00	99.00	0.00	1.00	0.00
			St. Dev.	0.96	0.21	0.21	526.01	287.67	0.43	29.53	0.00
			Sum	10	1	1	8986	4876	2	281	0
			Count	19	19	19	19	19	19	19	19
			Mean	0.26	0.00	0.00	14.79	10.68	0.00	1.74	0.00
			Median	0.00	0.00	0.00	8.00	13.00	0.00	1.00	0.00
			St. Dev.	0.93	0.00	0.00	17.31	7.17	0.00	2.18	0.00
			Sum	5	0	0	281	203	0	33	0

Table 2. Catch Per Set Statistics Compiled From Data Collected During The Johnstone Strait Seine Fishery, (1987 to 1990).  
(cont'd)

Year	SubArea	Date	CPUE Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum	Coho <sup>4</sup>	Steelhead	
1989	Gordon Group	total Aug	Count	13	13	13	13	13	13	13	13	
			Mean	0.00	0.00	0.00	52.31	129.85	0.00	0.15	0.00	
			Median	0.00	0.00	0.00	38.00	150.00	0.00	0.00	0.00	
			St. Dev.	0.00	0.00	0.00	54.62	110.40	0.00	0.55	0.00	
			Sum	0	0	0	680	1688	0	2	0	
		20-Aug-89	Count	33	33	33	33	33	33	33	33	
			Mean	0.00	0.00	0.00	21.30	66.64	0.27	1.00	0.00	
			Median	0.00	0.00	0.00	10.00	13.00	0.00	0.00	0.00	
			St. Dev.	0.00	0.00	0.00	26.65	103.46	1.15	1.94	0.00	
			Sum	0	0	0	703	2199	91	33	0	
		21-Aug-89	Count	26	26	26	26	26	26	26	26	
			Mean	0.00	0.00	0.00	12.65	103.12	0.00	0.50	0.00	
			Median	0.00	0.00	0.00	8.00	69.50	0.00	0.00	0.00	
			St. Dev.	0.00	0.00	0.00	15.18	129.35	0.00	1.50	0.00	
			Sum	0	0	0	329	2681	0	13	0	
		22-Aug-89	Count	17	17	17	17	17	17	17	17	
			Mean	0.29	0.00	0.00	16.41	40.35	7.65	3.06	0.18	
			Median	0.00	0.00	0.00	9.00	17.00	6.00	1.00	0.00	
			St. Dev.	0.77	0.00	0.00	24.37	81.61	9.36	3.60	0.53	
			Sum	5	0	0	279	686	130	52	3	
		28-Aug-89	Count	28	28	28	28	28	28	28	28	
			Mean	0.00	0.00	0.00	12.29	55.18	1.82	9.57	0.00	
			Median	0.00	0.00	0.00	7.00	22.00	0.00	5.50	0.00	
			St. Dev.	0.00	0.00	0.00	14.49	67.41	4.24	13.16	0.00	
			Sum	0	0	0	344	1545	51	268	0	
		29-Aug-89	Count	274	274	274	274	274	274	274	274	
			Mean	0.23	0.03	0.01	83.04	71.26	1.30	3.66	0.01	
			Median	0.00	0.00	0.00	15.00	15.00	0.00	0.00	0.00	
			St. Dev.	0.77	0.22	0.12	241.38	139.37	6.90	10.94	0.13	
			Sum	63	9	4	22753	19525	356	1003	3	
Year	SubArea	Date	CPUE Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum	Coho <43cm	Coho >43cm	Steelhead
1990	Gordon Group	12-Aug-90	Count	4	4	4	4	4	4	4	4	4
			Mean	0.25	0.00	0.00	93.75	9.25	1.00	0.25	0.50	0.00
			Median	0.00	0.00	0.00	87.50	10.00	0.50	0.00	0.00	0.00
			St. Dev.	0.50	0.00	0.00	42.70	2.99	1.41	0.50	1.00	0.00
			Sum	1	0	0	375	37	4	1	2	0
		13-Aug-90	Count	30	30	30	30	30	30	30	30	30
			Mean	0.53	0.03	0.00	148.50	9.03	1.37	0.20	0.23	0.00
			Median	0.00	0.00	0.00	105.00	5.00	0.50	0.00	0.00	0.00
			St. Dev.	0.78	0.18	0.00	147.58	10.22	1.97	0.66	0.68	0.00
			Sum	16	1	0	4455	271	41	6	7	0
		19-Aug-90	Count	10	10	10	10	10	10	10	10	10
			Mean	0.10	0.00	0.00	9.90	51.90	0.30	0.00	0.00	0.00
			Median	0.00	0.00	0.00	3.00	12.50	0.00	0.00	0.00	0.00
			St. Dev.	0.32	0.00	0.00	15.60	90.98	0.67	0.00	0.00	0.00
			Sum	1	0	0	99	519	3	0	0	0
		20-Aug-90	Count	33	33	33	33	33	33	33	33	33
			Mean	0.12	0.06	0.06	67.09	5.88	0.76	0.00	0.06	0.00
			Median	0.00	0.00	0.00	7.00	1.00	0.00	0.00	0.00	0.00
			St. Dev.	0.33	0.35	0.35	122.32	17.70	1.98	0.00	0.35	0.00
			Sum	4	2	2	2214	194	25	0	2	0
		21-Aug-90	Count	29	29	29	29	29	29	29	29	29
			Mean	0.07	0.00	0.00	82.52	7.00	0.21	0.00	0.03	0.00
			Median	0.00	0.00	0.00	20.00	2.00	0.00	0.00	0.00	0.00
			St. Dev.	0.26	0.00	0.00	125.52	12.04	0.49	0.00	0.19	0.00
			Sum	2	0	0	2393	203	6	0	1	0
		26-Aug-90	Count	5	5	5	5	5	5	5	5	5
			Mean	0.60	0.00	0.00	46.80	0.00	0.20	0.00	0.00	0.00
			Median	0.00	0.00	0.00	11.00	0.00	0.00	0.00	0.00	0.00
			St. Dev.	1.34	0.00	0.00	64.37	0.00	0.45	0.00	0.00	0.00
			Sum	3	0	0	234	0	1	0	0	0
		27-Aug-90	Count	22	22	22	22	22	22	22	22	22
			Mean	0.05	0.00	0.00	9.95	4.32	0.00	0.00	0.00	0.00
			Median	0.00	0.00	0.00	4.00	3.50	0.00	0.00	0.00	0.00
			St. Dev.	0.21	0.00	0.00	17.22	5.12	0.00	0.00	0.00	0.00
			Sum	1	0	0	219	95	0	0	0	0

Table 2. Catch Per Set Statistics Compiled From Data Collected During The Johnstone Strait Seine Fishery, (1987 to 1990).  
(cont'd)

Year	SubArea	Date	CPUE Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum	Coho <43cm	Coho >43cm	Steelhead
1990	Gordon Group	total Aug	Count	27	27	27	27	27	27	27	27	27
			Mean	0.33	0.07	0.07	19.44	5.33	0.74	0.00	0.00	0.00
			Median	0.00	0.00	0.00	6.00	1.00	0.00	0.00	0.00	0.00
			St. Dev.	1.21	0.38	0.38	28.89	7.54	1.38	0.00	0.00	0.00
			Sum	9	2	2	525	144	20	0	0	0
		29-Aug-90	Count	21	21	21	21	21	21	21	21	21
			Mean	0.05	0.10	0.00	15.57	15.29	1.10	0.00	0.24	0.00
			Median	0.00	0.00	0.00	2.00	6.00	1.00	0.00	0.00	0.00
			St. Dev.	0.22	0.30	0.00	27.39	24.13	1.55	0.00	0.70	0.00
			Sum	1	2	0	327	321	23	0	5	0
		1990	Count	181	181	181	181	181	181	181	181	181
			Mean	0.21	0.04	0.02	59.90	9.86	0.68	0.04	0.09	0.00
			Median	0.00	0.00	0.00	10.00	3.00	0.00	0.00	0.00	0.00
			St. Dev.	0.66	0.24	0.21	106.50	26.47	1.47	0.29	0.43	0.00
			Sum	38	7	4	10841	1784	123	7	17	0
		2-Sep-90	Count	2	2	2	2	2	2	2	2	2
			Mean	0.00	0.00	0.00	38.00	5.00	0.00	0.00	0.00	0.00
			Median	0.00	0.00	0.00	38.00	5.00	0.00	0.00	0.00	0.00
			St. Dev.	0.00	0.00	0.00	45.25	7.07	0.00	0.00	0.00	0.00
			Sum	0	0	0	76	10	0	0	0	0
		3-Sep-90	Count	16	16	16	16	16	16	16	16	16
			Mean	0.00	0.00	0.00	7.13	1.50	1.00	0.00	0.00	0.00
			Median	0.00	0.00	0.00	4.00	0.00	1.00	0.00	0.00	0.00
			St. Dev.	0.00	0.00	0.00	7.62	3.08	1.10	0.00	0.00	0.00
			Sum	0	0	0	114	24	16	0	0	0
		1990	Count	18	18	18	18	18	18	18	18	18
			Mean	0.00	0.00	0.00	10.56	1.89	0.89	0.00	0.00	0.00
			Median	0.00	0.00	0.00	5.00	0.00	0.50	0.00	0.00	0.00
			St. Dev.	0.00	0.00	0.00	16.48	3.55	1.08	0.00	0.00	0.00
			Sum	0	0	0	190	34	16	0	0	0
Year	SubArea	Date	CPUE Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum	Coho <sup>a</sup>	Steelhead	
1987	North Shore	3-Aug-87	Count	13	13	13	13	13	13		13	13
			Mean	2.31	0.00	2.23	40.92	5.23	10.38		1.15	0.00
			Median	1.00	0.00	2.00	30.00	2.00	0.00		0.00	0.00
			St. Dev.	2.59	0.00	1.48	41.67	8.63	23.32		1.68	0.00
			Sum	30	0	29	532	68	135		15	0
		9-Aug-87	Count	5	5	5	5	5	5		5	5
			Mean	3.80	1.00	0.60	116.60	9.20	1.60		2.20	0.00
			Median	0.00	1.00	0.00	32.00	10.00	1.00		0.00	0.00
			St. Dev.	5.50	1.22	0.89	154.51	8.17	2.07		4.92	0.00
			Sum	19	5	3	583	46	8		11	0
		10-Aug-87	Count	7	7	7	7	7	7		7	7
			Mean	0.43	0.00	1.43	116.00	20.43	0.00		0.29	0.00
			Median	0.00	0.00	1.00	60.00	15.00	0.00		0.00	0.00
			St. Dev.	0.79	0.00	2.15	154.52	20.97	0.00		0.76	0.00
			Sum	3	0	10	812	143	0		2	0
		11-Aug-87	Count	19	19	19	19	19	19		19	19
			Mean	0.53	0.05	0.58	134.00	31.21	3.26		0.26	0.00
			Median	0.00	0.00	0.00	100.00	25.00	0.00		0.00	0.00
			St. Dev.	0.90	0.23	1.46	134.88	20.70	4.17		0.93	0.00
			Sum	10	1	11	2546	593	62		5	0
		17-Aug-87	Count	21	21	21	21	21	21		21	21
			Mean	0.29	0.00	0.14	20.86	26.62	2.10		0.29	0.00
			Median	0.00	0.00	0.00	12.00	20.00	1.00		0.00	0.00
			St. Dev.	0.56	0.00	0.48	25.46	27.49	2.55		0.56	0.00
			Sum	6	0	3	438	559	44		6	0
		23-Aug-87	Count	24	24	24	24	24	24		24	24
			Mean	0.13	0.04	0.50	28.21	37.33	1.17		0.63	0.13
			Median	0.00	0.00	0.00	25.00	29.00	0.00		0.00	0.00
			St. Dev.	0.45	0.20	0.98	25.90	35.10	2.39		0.92	0.34
			Sum	3	1	12	677	896	28		15	3
		24-Aug-87	Count	16	16	16	16	16	16		16	16
			Mean	0.31	0.06	0.13	13.88	24.06	0.69		0.44	0.06
			Median	0.00	0.00	0.00	14.00	19.50	0.00		0.00	0.00
			St. Dev.	0.60	0.25	0.34	11.36	18.49	0.95		0.63	0.25
			Sum	5	1	2	222	385	11		7	1

Table 2. Catch Per Set Statistics Compiled From Data Collected During The Johnstone Strait Seine Fishery, (1987 to 1990).  
(cont'd)

Year	SubArea	Date	CPUE Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum	Coho <sup>a</sup>	Steelhead
1987	North Shore	total Aug	Count	105	105	105	105	105	105	105	105
			Mean	0.72	0.08	0.67	55.33	25.62	2.74	0.58	0.04
			Median	0.00	0.00	0.00	25.00	20.00	0.00	0.00	0.00
			St. Dev.	1.79	0.36	1.28	90.53	26.12	8.82	1.40	0.19
			Sum	76	8	70	5810	2690	268	61	4
		1-Sep-87	Count	6	6	6	6	6	6	6	6
			Mean	0.33	0.17	0.00	3.50	39.50	2.00	3.83	0.00
			Median	0.00	0.00	0.00	2.50	22.00	1.00	2.00	0.00
			St. Dev.	0.52	0.41	0.00	3.39	40.35	2.00	4.49	0.00
			Sum	2	1	0	21	237	12	23	0
		2-Sep-87	Count	4	4	4	4	4	4	4	4
			Mean	0.00	0.00	0.00	3.00	67.75	1.50	1.50	0.00
			Median	0.00	0.00	0.00	2.50	68.50	1.50	1.50	0.00
			St. Dev.	0.00	0.00	0.00	2.16	16.42	1.73	0.58	0.00
			Sum	0	0	0	12	271	6	6	0
1987	North Shore	total Sep	Count	10	10	10	10	10	10	10	10
			Mean	0.20	0.10	0.00	3.30	50.80	1.80	2.90	0.00
			Median	0.00	0.00	0.00	2.50	55.00	1.00	2.00	0.00
			St. Dev.	0.42	0.32	0.00	2.83	34.74	1.81	3.57	0.00
			Sum	2	1	0	33	508	18	29	0
		8-Aug-88	Count	3	3	3	3	3	3	3	3
			Mean	0.00	0.00	0.00	2.00	5.67	0.00	0.67	0.00
			Median	0.00	0.00	0.00	2.00	5.00	0.00	0.00	0.00
			St. Dev.	0.00	0.00	0.00	0.00	5.03	0.00	1.15	0.00
			Sum	0	0	0	6	17	0	2	0
		9-Aug-88	Count	12	12	12	12	12	12	12	12
			Mean	0.67	0.08	0.17	9.00	38.00	0.58	2.08	0.00
			Median	0.00	0.00	0.00	2.50	20.00	0.00	2.00	0.00
			St. Dev.	0.89	0.29	0.39	13.46	37.20	1.00	1.78	0.00
			Sum	8	1	2	108	456	7	25	0
		10-Aug-88	Count	10	10	10	10	10	10	10	10
			Mean	0.40	0.10	0.60	2.70	31.00	1.00	4.50	0.00
			Median	0.00	0.00	0.00	1.50	17.50	0.50	3.50	0.00
			St. Dev.	1.26	0.32	0.84	2.87	29.04	1.41	5.72	0.00
			Sum	4	1	6	27	310	10	45	0
		14-Aug-88	Count	3	3	3	3	3	3	3	3
			Mean	2.67	0.33	0.33	14.00	58.33	1.33	2.67	0.00
			Median	2.00	0.00	0.00	5.00	55.00	1.00	2.00	0.00
			St. Dev.	3.06	0.58	0.58	18.25	40.10	0.58	3.06	0.00
			Sum	8	1	1	42	175	4	8	0
		15-Aug-88	Count	16	16	16	16	16	16	16	16
			Mean	0.31	0.25	0.69	3.44	6.25	0.75	2.56	0.00
			Median	0.00	0.00	0.00	2.00	5.00	0.00	2.00	0.00
			St. Dev.	0.70	0.58	1.08	4.77	7.49	1.13	2.99	0.00
			Sum	5	4	11	55	100	12	41	0
		16-Aug-88	Count	18	18	18	18	18	18	18	18
			Mean	0.61	0.17	0.67	8.67	16.33	1.17	2.83	0.06
			Median	0.00	0.00	0.00	5.00	15.00	1.00	2.00	0.00
			St. Dev.	1.24	0.38	1.14	10.01	6.62	1.50	4.58	0.24
			Sum	11	3	12	156	294	21	51	1
		21-Aug-88	Count	6	6	6	6	6	6	6	6
			Mean	1.00	0.17	0.00	1.67	2.00	0.00	1.50	0.00
			Median	0.50	0.00	0.00	1.00	1.50	0.00	1.00	0.00
			St. Dev.	1.26	0.41	0.00	2.25	2.61	0.00	0.84	0.00
			Sum	6	1	0	10	12	0	9	0
		22-Aug-88	Count	20	20	20	20	20	20	20	20
			Mean	1.25	0.65	0.50	5.60	6.00	2.65	4.90	0.00
			Median	0.50	0.00	0.00	5.50	5.00	2.00	4.00	0.00
			St. Dev.	1.74	1.35	0.61	4.85	5.69	3.25	3.24	0.00
			Sum	25	13	10	112	120	53	98	0
1988	North Shore	total Aug	Count	88	88	88	88	88	88	88	88
			Mean	0.76	0.27	0.48	5.86	16.86	1.22	3.17	0.01
			Median	0.00	0.00	0.00	2.00	10.00	0.00	2.00	0.00
			St. Dev.	1.37	0.75	0.83	8.34	23.17	2.01	3.68	0.11
			Sum	67	24	42	516	1484	107	279	1

Table 2. Catch Per Set Statistics Compiled From Data Collected During The Johnstone Strait Seine Fishery, (1987 to 1990).  
(cont'd)

Year	SubArea	Date	CPUE Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum	Coho <sup>a</sup>	Steelhead
1988	North Shore Chum Fishery	total Sep	Count	1	1	1	1	1	1	1	1
			Mean	0.00	0.00	0.00	0.00	2.00	15.00	1.00	0.00
			Median	0.00	0.00	0.00	0.00	2.00	15.00	1.00	0.00
			St. Dev.								
			Sum	0	0	0	0	2	15	1	0
1988	North Shore Chum Fishery	26-Sep-88	Count	4	4	4	4	4	4	4	4
			Mean	0.00	0.00	0.00	0.00	0.50	0.25	11.75	0.00
			Median	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00
			St. Dev.	0.00	0.00	0.00	0.00	1.00	0.50	22.19	0.00
			Sum	0	0	0	0	2	1	47	0
1988	North Shore Chum Fishery	27-Sep-88	Count	10	10	10	10	10	10	10	10
			Mean	0.70	0.60	0.10	0.00	0.10	11.10	16.10	0.00
			Median	0.00	0.00	0.00	0.00	0.00	1.50	5.00	0.00
			St. Dev.	1.89	1.26	0.32	0.00	0.32	18.30	27.14	0.00
			Sum	7	6	1	0	1	111	161	0
1988	North Shore Chum Fishery	13-Oct-88	Count	15	15	15	15	15	15	15	15
			Mean	0.47	0.40	0.07	0.00	0.33	8.47	13.93	0.00
			Median	0.00	0.00	0.00	0.00	0.00	1.00	4.00	0.00
			St. Dev.	1.55	1.06	0.26	0.00	0.72	15.58	24.41	0.00
			Sum	7	6	1	0	5	127	209	0
1988	North Shore Chum Fishery	14-Oct-88	Count	3	3	3	3	3	3	3	3
			Mean	0.00	0.00	0.00	0.00	0.00	55.00	0.00	0.00
			Median	0.00	0.00	0.00	0.00	0.00	15.00	0.00	0.00
			St. Dev.	0.00	0.00	0.00	0.00	0.00	82.61	0.00	0.00
			Sum	0	0	0	0	0	165	0	0
1989	North Shore	24-Jul-89	Count	9	9	9	9	9	9	9	9
			Mean	0.00	0.00	0.00	0.67	0.00	48.22	2.78	0.00
			Median	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00
			St. Dev.	0.00	0.00	0.00	2.00	0.00	58.36	4.55	0.00
			Sum	0	0	0	6	0	434	25	0
1989	North Shore	31-Jul-89	Count	12	12	12	12	12	12	12	12
			Mean	0.00	0.00	0.00	0.50	0.00	49.92	2.08	0.00
			Median	0.00	0.00	0.00	0.00	0.00	17.50	0.00	0.00
			St. Dev.	0.00	0.00	0.00	1.73	0.00	61.05	4.08	0.00
			Sum	0	0	0	6	0	599	25	0
1989	North Shore	total Jul	Count	10	10	10	10	10	10	10	10
			Mean	0.90	0.00	1.30	128.90	53.40	0.00	11.00	0.00
			Median	0.00	0.00	0.50	89.00	42.50	0.00	11.50	0.00
			St. Dev.	1.45	0.00	1.95	135.89	45.43	0.00	9.15	0.00
			Sum	9	0	13	1289	534	0	110	0
1989	North Shore	1-Aug-89	Count	14	14	14	14	14	14	14	14
			Mean	0.07	0.00	0.00	173.93	15.07	0.00	4.00	0.00
			Median	0.00	0.00	0.00	45.00	7.50	0.00	3.00	0.00
			St. Dev.	0.27	0.00	0.00	269.58	21.92	0.00	4.64	0.00
			Sum	1	0	0	2435	211	0	56	0
1989	North Shore	2-Aug-89	Count	24	24	24	24	24	24	24	24
			Mean	0.42	0.00	0.54	155.17	31.04	0.00	6.92	0.00
			Median	0.00	0.00	0.00	67.50	14.00	0.00	3.50	0.00
			St. Dev.	1.02	0.00	1.38	220.94	38.10	0.00	7.58	0.00
			Sum	10	0	13	3724	745	0	166	0
1989	North Shore	8-Aug-89	Count	25	25	25	25	25	25	25	25
			Mean	0.20	0.00	0.00	117.92	15.60	0.20	2.00	0.00
			Median	0.00	0.00	0.00	15.00	6.00	0.00	0.00	0.00
			St. Dev.	0.65	0.00	0.00	394.96	39.41	0.58	3.07	0.00
			Sum	5	0	0	2948	390	5	50	0
1989	North Shore	total Aug	Count	9	9	9	9	9	9	9	9
			Mean	0.00	0.00	0.44	35.67	18.56	0.00	0.78	0.00
			Median	0.00	0.00	0.00	22.00	11.00	0.00	0.00	0.00
			St. Dev.	0.00	0.00	0.88	47.47	26.17	0.00	1.09	0.00
			Sum	0	0	4	321	167	0	7	0
1989	North Shore	8-Aug-89	Count	16	16	16	16	16	16	16	16
			Mean	0.19	0.06	0.31	137.94	42.88	0.00	2.25	0.00
			Median	0.00	0.00	0.00	65.00	27.50	0.00	1.00	0.00
			St. Dev.	0.54	0.25	0.87	159.07	45.77	0.00	3.24	0.00
			Sum	3	1	5	2207	686	0	36	0

Table 2. Catch Per Set Statistics Compiled From Data Collected During The Johnstone Strait Seine Fishery, (1987 to 1990).  
(cont'd)

Year	SubArea	Date	CPUE Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum		Coho <sup>a</sup>	Steelhead
1989	North Shore	total Aug	Count	4	4	4	4	4	4		4	4
			Mean	0.75	0.00	0.00	56.25	22.50	0.00		0.00	0.00
			Median	0.50	0.00	0.00	60.00	15.00	0.00		0.00	0.00
			St. Dev.	0.96	0.00	0.00	50.89	18.93	0.00		0.00	0.00
			Sum	3	0	0	225	90	0		0	0
		9-Aug-89	Count	8	8	8	8	8	8		8	8
			Mean	0.00	0.00	0.13	338.00	68.75	0.00		2.00	0.00
			Median	0.00	0.00	0.00	200.00	100.00	0.00		0.00	0.00
			St. Dev.	0.00	0.00	0.35	365.68	59.39	0.00		3.51	0.00
			Sum	0	0	1	2704	550	0		16	0
		13-Aug-89	Count	21	21	21	21	21	21		21	21
			Mean	0.05	0.00	0.05	503.76	116.38	0.33		1.38	0.00
			Median	0.00	0.00	0.00	200.00	60.00	0.00		0.00	0.00
			St. Dev.	0.22	0.00	0.22	645.86	122.46	0.66		2.48	0.00
			Sum	1	0	1	10579	2444	7		29	0
		14-Aug-89	Count	22	22	22	22	22	22		22	22
			Mean	0.14	0.00	0.09	28.86	11.23	0.23		0.73	0.00
			Median	0.00	0.00	0.00	26.50	11.50	0.00		0.00	0.00
			St. Dev.	0.35	0.00	0.43	18.82	8.74	0.53		0.98	0.00
			Sum	3	0	2	635	247	5		16	0
		15-Aug-89	Count	12	12	12	12	12	12		12	12
			Mean	0.42	0.00	0.17	81.83	25.50	0.17		2.58	0.00
			Median	0.00	0.00	0.00	69.00	23.00	0.00		1.50	0.00
			St. Dev.	0.79	0.00	0.58	75.34	22.80	0.39		3.65	0.00
			Sum	5	0	2	982	306	2		31	0
		16-Aug-89	Count	6	6	6	6	6	6		6	6
			Mean	0.00	0.00	0.00	35.83	56.83	1.67		1.67	0.00
			Median	0.00	0.00	0.00	37.50	37.00	1.50		2.00	0.00
			St. Dev.	0.00	0.00	0.00	15.65	50.09	1.63		1.37	0.00
			Sum	0	0	0	215	341	10		10	0
		20-Aug-89	Count	26	26	26	26	26	26		26	26
			Mean	0.12	0.04	0.04	41.35	59.35	1.85		1.77	0.00
			Median	0.00	0.00	0.00	26.00	30.00	0.50		1.00	0.00
			St. Dev.	0.43	0.20	0.20	44.76	66.53	3.46		2.16	0.00
			Sum	3	1	1	1075	1543	48		46	0
		21-Aug-89	Count	20	20	20	20	20	20		20	20
			Mean	0.60	0.00	0.00	84.95	53.30	1.05		5.85	0.00
			Median	0.00	0.00	0.00	23.50	16.00	1.00		3.00	0.00
			St. Dev.	1.50	0.00	0.00	112.15	74.14	1.05		6.62	0.00
			Sum	12	0	0	1699	1066	21		117	0
		22-Aug-89	Count	19	19	19	19	19	19		19	19
			Mean	0.00	0.00	0.00	8.84	27.26	8.68		6.16	0.05
			Median	0.00	0.00	0.00	8.00	12.00	10.00		4.00	0.00
			St. Dev.	0.00	0.00	0.00	7.50	41.44	5.58		5.09	0.23
			Sum	0	0	0	168	518	165		117	1
		28-Aug-89	Count	20	20	20	20	20	20		20	20
			Mean	0.00	0.00	0.00	16.15	72.30	13.55		5.20	0.00
			Median	0.00	0.00	0.00	10.00	45.50	14.00		3.00	0.00
			St. Dev.	0.00	0.00	0.00	22.71	62.78	8.82		5.44	0.00
			Sum	0	0	0	323	1446	271		104	0
		29-Aug-89	Count	208	208	208	208	208	208		208	208
			Mean	0.17	0.01	0.08	115.77	47.09	2.57		2.78	0.00
			Median	0.00	0.00	0.00	25.50	20.00	0.00		1.00	0.00
			St. Dev.	0.63	0.10	0.39	296.78	67.36	5.50		4.13	0.07
			Sum	35	2	16	24081	9794	534		579	1
		12-Sep-89	Count	22	22	22	22	22	22		22	22
			Mean	0.00	0.00	0.00	0.00	11.45	9.05		5.45	0.05
			Median	0.00	0.00	0.00	0.00	8.00	5.50		0.50	0.00
			St. Dev.	0.00	0.00	0.00	0.00	11.33	10.02		14.83	0.21
			Sum	0	0	0	0	252	199		120	1
		25-Sep-89	Count	13	13	13	13	13	13		13	13
			Mean	0.00	0.08	0.08	0.00	9.46	58.15		2.46	0.00
			Median	0.00	0.00	0.00	0.00	5.00	32.00		1.00	0.00
			St. Dev.	0.00	0.28	0.28	0.00	11.07	80.47		3.36	0.00
			Sum	0	1	1	0	123	756		32	0

Table 2. Catch Per Set Statistics Compiled From Data Collected During The Johnstone Strait Seine Fishery, (1987 to 1990).  
(cont'd)

Year	SubArea	Date	CPUE Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum		Coho <sup>a</sup>	Steelhead
1989	North Shore Chum Fishery	26-Sep-89	Count	27	27	27	27	27	27		27	27
			Mean	0.00	0.00	0.00	0.00	1.33	26.59		1.70	0.00
			Median	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00
			St. Dev.	0.00	0.00	0.00	0.00	3.28	46.64		5.76	0.00
			Sum	0	0	0	0	36	718		46	0
1989	North Shore Chum Fishery	23-Oct-89	Count	62	62	62	62	62	62		62	62
			Mean	0.00	0.02	0.02	0.00	6.63	26.98		3.19	0.02
			Median	0.00	0.00	0.00	0.00	2.00	5.50		0.00	0.00
			St. Dev.	0.00	0.13	0.13	0.00	9.77	50.59		9.75	0.13
			Sum	0	1	1	0	411	1673		198	1
1989	North Shore Chum Fishery	total Oct	Count	20	20	20	20	20	20		20	20
			Mean	0.00	0.05	0.00	0.00	0.00	27.40		0.05	0.05
			Median	0.00	0.00	0.00	0.00	0.00	1.50		0.00	0.00
			St. Dev.	0.00	0.22	0.00	0.00	0.00	44.02		0.22	0.22
			Sum	0	1	0	0	0	548		1	1
Year	SubArea	Date	CPUE Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum	Coho <43cm	Coho >43cm	Steelhead
1990	North Shore	13-Aug-90	Count	20	20	20	20	20	20		20	20
			Mean	0.30	0.05	0.15	154.25	59.20	2.80	0.15	0.40	0.05
			Median	0.00	0.00	0.00	135.00	35.00	2.00	0.00	0.00	0.00
			St. Dev.	0.80	0.22	0.49	143.63	62.12	3.41	0.67	0.88	0.22
			Sum	6	1	3	3085	1184	56	3	8	1
		19-Aug-90	Count	8	8	8	8	8	8		8	8
			Mean	0.88	0.00	0.25	77.50	15.13	2.88	0.13	0.13	0.00
			Median	0.00	0.00	0.00	80.00	11.50	3.50	0.00	0.00	0.00
			St. Dev.	1.64	0.00	0.46	64.36	12.44	2.03	0.35	0.35	0.00
			Sum	7	0	2	620	121	23	1	1	0
		20-Aug-90	Count	13	13	13	13	13	13		13	13
			Mean	0.00	0.08	0.08	34.69	7.31	0.31	0.00	0.08	0.00
			Median	0.00	0.00	0.00	10.00	5.00	0.00	0.00	0.00	0.00
			St. Dev.	0.00	0.28	0.28	49.50	6.37	0.75	0.00	0.28	0.00
			Sum	0	1	1	451	95	4	0	1	0
		21-Aug-90	Count	11	11	11	11	11	11		11	11
			Mean	0.09	0.55	0.00	14.64	6.55	0.45	0.00	0.09	0.00
			Median	0.00	0.00	0.00	20.00	5.00	0.00	0.00	0.00	0.00
			St. Dev.	0.30	0.69	0.00	9.19	5.66	0.82	0.00	0.30	0.00
			Sum	1	6	0	161	72	5	0	1	0
		26-Aug-90	Count	3	3	3	3	3	3		3	3
			Mean	0.33	0.33	0.00	25.00	11.67	0.67	0.00	0.00	0.00
			Median	0.00	0.00	0.00	25.00	10.00	1.00	0.00	0.00	0.00
			St. Dev.	0.58	0.58	0.00	10.00	2.89	0.58	0.00	0.00	0.00
			Sum	1	1	0	75	35	2	0	0	0
		27-Aug-90	Count	15	15	15	15	15	15		15	15
			Mean	0.27	0.07	0.07	34.13	8.00	0.27	0.07	0.07	0.00
			Median	0.00	0.00	0.00	15.00	5.00	0.00	0.00	0.00	0.00
			St. Dev.	0.59	0.26	0.26	60.46	8.36	0.59	0.26	0.26	0.00
			Sum	4	1	1	512	120	4	1	1	0
		28-Aug-90	Count	13	13	13	13	13	13		13	13
			Mean	0.46	0.08	0.00	14.85	8.62	0.23	0.00	0.23	0.00
			Median	0.00	0.00	0.00	15.00	6.00	0.00	0.00	0.00	0.00
			St. Dev.	0.88	0.28	0.00	10.78	6.68	0.44	0.00	0.44	0.00
			Sum	6	1	0	193	112	3	0	3	0
		29-Aug-90	Count	4	4	4	4	4	4		4	4
			Mean	0.00	0.50	0.00	10.50	6.00	1.00	0.00	0.50	0.00
			Median	0.00	0.50	0.00	10.50	6.50	1.00	0.00	0.00	0.00
			St. Dev.	0.00	0.58	0.00	8.02	4.69	0.82	0.00	1.00	0.00
			Sum	0	2	0	42	24	4	0	2	0
1990	North Shore	total Aug	Count	87	87	87	87	87	87		87	87
			Mean	0.29	0.15	0.08	59.07	20.26	1.16	0.06	0.20	0.01
			Median	0.00	0.00	0.00	20.00	10.00	0.00	0.00	0.00	0.00
			St. Dev.	0.78	0.39	0.31	94.33	36.83	2.13	0.35	0.55	0.11
			Sum	25	13	7	5139	1763	101	5	17	1

Table 2. Catch Per Set Statistics Compiled From Data Collected During The Johnstone Strait Seine Fishery, (1987 to 1990).  
(cont'd)

Year	SubArea	Date	CPUE Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum	Coho <43cm	Coho >43cm	Steelhead
1990	North Shore	total Sep	Count	3	3	3	3	3	3	3	3	3
				0.67	0.00	0.00	16.00	10.33	2.00	0.00	0.33	0.00
				1.00	0.00	0.00	22.00	10.00	3.00	0.00	0.00	0.00
				0.58	0.00	0.00	13.08	9.50	1.73	0.00	0.58	0.00
				2	0	0	48	31	6	0	1	0
1987	Upper Johnstone Strait	2-Aug-87	Count	10	10	10	10	10	10	10	10	10
				0.40	0.00	0.00	13.60	6.80	1.50	0.00	0.40	0.10
				0.00	0.00	0.00	13.50	5.50	1.50	0.00	0.00	0.00
				0.52	0.00	0.00	8.28	5.63	1.51	0.00	0.70	0.32
				4	0	0	136	68	15	0	4	1
1987	Upper Johnstone Strait	3-Aug-87	CPUE Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum		Coho <sup>a</sup>	Steelhead
				5	5	5	5	5	5		5	5
				2.40	0.00	0.00	38.20	14.40	0.20		0.80	0.00
				0.00	0.00	0.00	32.00	12.00	0.00		0.00	0.00
				5.37	0.00	0.00	29.02	4.34	0.45		1.79	0.00
		9-Aug-87	Count	12	0	0	191	72	1		4	0
				22	22	22	22	22	22		22	22
				0.05	0.00	0.36	51.41	64.23	0.18		1.50	0.00
				0.00	0.00	0.00	25.00	25.50	0.00		0.00	0.00
		10-Aug-87	Count	0.21	0.00	1.29	59.96	82.32	0.50		2.74	0.00
				1	0	8	1131	1413	4		33	0
				15	15	15	15	15	15		15	15
		11-Aug-87	Mean	0.00	0.07	0.00	27.40	31.73	0.27		1.33	0.00
				0.00	0.00	0.00	12.00	23.00	0.00		0.00	0.00
				0.00	0.26	0.00	38.46	32.88	0.70		2.55	0.00
				0	1	0	411	476	4		20	0
		16-Aug-87	Count	36	36	36	36	36	36		36	36
				0.11	0.08	0.03	66.78	16.06	0.14		0.42	0.00
				0.00	0.00	0.00	22.50	9.00	0.00		0.00	0.00
				0.40	0.37	0.17	93.16	23.14	0.59		1.00	0.00
				4	3	1	2404	578	5		15	0
		17-Aug-87	Mean	24	24	24	24	24	24		24	24
				0.13	0.00	0.00	150.88	20.46	0.17		0.54	0.00
				0.00	0.00	0.00	27.50	8.00	0.00		0.00	0.00
				0.61	0.00	0.00	323.18	29.82	0.48		1.32	0.00
				3	0	0	3621	491	4		13	0
		23-Aug-87	Count	15	15	15	15	15	15		15	15
				0.13	0.00	0.00	165.33	23.80	0.07		0.00	0.00
				0.00	0.00	0.00	22.00	3.00	0.00		0.00	0.00
				0.52	0.00	0.00	410.03	34.32	0.26		0.00	0.00
				2	0	0	2480	357	1		0	0
		24-Aug-87	Mean	40	40	40	40	40	40		40	40
				0.15	0.10	0.13	32.58	37.10	0.48		0.38	0.00
				0.00	0.00	0.00	9.00	14.00	0.00		0.00	0.00
				0.58	0.38	0.40	57.76	56.68	1.75		0.63	0.00
				6	4	5	1303	1484	19		15	0
1987	Upper Johnstone Strait	total Aug	Count	22	22	22	22	22	22		22	22
				0.68	0.14	0.45	28.23	26.18	1.09		0.91	0.00
				0.00	0.00	0.00	5.00	3.50	0.00		0.00	0.00
				1.70	0.47	1.10	59.49	50.68	2.99		2.54	0.00
				15	3	10	621	576	24		20	0
1987	Upper Johnstone Strait	total Aug	Mean	21	21	21	21	21	21		21	21
				0.19	0.10	0.05	23.52	30.24	0.43		0.57	0.00
				0.00	0.00	0.00	15.00	8.00	0.00		0.00	0.00
				0.51	0.30	0.22	27.92	50.84	0.98		1.40	0.00
				4	2	1	494	635	9		12	0
1987	Upper Johnstone Strait	total Aug	Median	207	207	207	207	207	207		207	207
				0.23	0.07	0.12	65.24	31.60	0.36		0.65	0.00
				0.00	0.00	0.00	16.00	12.00	0.00		0.00	0.00
				1.09	0.30	0.60	170.73	50.40	1.38		1.86	0.00
				47	14	25	13505	6542	75		135	0

Table 2. Catch Per Set Statistics Compiled From Data Collected During The Johnstone Strait Seine Fishery, (1987 to 1990).  
(cont'd)

Year	SubArea	Date	CPUE Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum		Coho <sup>a</sup>	Steelhead
1-Sep-87			Count	6	6	6	6	6	6		6	6
			Mean	0.00	0.00	0.00	11.33	197.00	0.33		0.00	0.00
			Median	0.00	0.00	0.00	4.00	36.50	0.00		0.00	0.00
			St. Dev.	0.00	0.00	0.00	19.46	393.49	0.52		0.00	0.00
			Sum	0	0	0	68	1182	2		0	0
2-Sep-87			Count	16	16	16	16	16	16		16	16
			Mean	0.13	0.00	0.00	1.50	7.81	0.13		0.50	0.00
			Median	0.00	0.00	0.00	0.00	1.50	0.00		0.00	0.00
			St. Dev.	0.34	0.00	0.00	2.78	10.66	0.34		0.82	0.00
			Sum	2	0	0	24	125	2		8	0
21-Sep-87			Count	6	6	6	6	6	6		6	6
			Mean	0.00	0.00	0.00	0.00	8.33	76.17		0.00	0.00
			Median	0.00	0.00	0.00	0.00	0.00	13.50		0.00	0.00
			St. Dev.	0.00	0.00	0.00	0.00	13.29	108.37		0.00	0.00
			Sum	0	0	0	0	50	457		0	0
22-Sep-87			Count	11	11	11	11	11	11		11	11
			Mean	0.00	0.00	0.00	0.09	4.00	21.18		3.18	0.27
			Median	0.00	0.00	0.00	0.00	2.00	20.00		0.00	0.00
			St. Dev.	0.00	0.00	0.00	0.30	4.36	28.50		4.21	0.47
			Sum	0	0	0	0	44	233		35	3
1987	Upper Johnstone Strait	total Sep	Count	39	39	39	39	39	39		39	39
			Mean	0.05	0.00	0.00	2.38	35.92	17.79		1.10	0.08
			Median	0.00	0.00	0.00	0.00	4.00	0.00		0.00	0.00
			St. Dev.	0.22	0.00	0.00	8.26	159.03	49.80		2.59	0.27
			Sum	2	0	0	93	1401	694		43	3
1988	Upper Johnstone Strait	24-Jul-88	Count	2	2	2	2	2	2		2	2
			Mean	1.50	13.00	6.00	1.50	21.50	0.00		5.50	0.00
			Median	1.50	13.00	6.00	1.50	21.50	0.00		5.50	0.00
			St. Dev.	0.71	9.90	5.66	2.12	26.16	0.00		6.36	0.00
			Sum	3	26	12	3	43	0		11	0
1988	Upper Johnstone Strait	total Jul	Count	2	2	2	2	2	2		2	2
			Mean	1.50	13.00	6.00	1.50	21.50	0.00		5.50	0.00
			Median	1.50	13.00	6.00	1.50	21.50	0.00		5.50	0.00
			St. Dev.	0.71	9.90	5.66	2.12	26.16	0.00		6.36	0.00
			Sum	3	26	12	3	43	0		11	0
8-Aug-88			Count	2	2	2	2	2	2		2	2
			Mean	0.00	1.00	0.00	92.50	110.00	1.00		0.00	0.00
			Median	0.00	1.00	0.00	92.50	110.00	1.00		0.00	0.00
			St. Dev.	0.00	0.00	0.00	45.96	127.28	1.41		0.00	0.00
			Sum	0	2	0	185	220	2		0	0
9-Aug-88			Count	23	23	23	23	23	23		23	23
			Mean	0.43	0.17	0.78	26.17	99.87	2.35		0.00	0.00
			Median	0.00	0.00	0.00	12.00	40.00	0.00		0.00	0.00
			St. Dev.	0.66	0.39	1.38	51.47	130.57	10.41		0.00	0.00
			Sum	10	4	18	602	2297	54		0	0
10-Aug-88			Count	19	19	19	19	19	19		19	19
			Mean	0.84	0.05	0.21	43.68	39.89	0.89		2.58	0.00
			Median	0.00	0.00	0.00	8.00	36.00	0.00		0.00	0.00
			St. Dev.	1.71	0.23	0.54	74.98	28.76	2.40		3.56	0.00
			Sum	16	1	4	830	758	17		49	0
14-Aug-88			Count	13	13	13	13	13	13		13	13
			Mean	1.54	0.54	0.31	6.85	83.46	1.31		1.77	0.00
			Median	0.00	0.00	0.00	0.00	40.00	1.00		0.00	0.00
			St. Dev.	2.57	1.45	0.63	10.07	173.71	1.75		2.31	0.00
			Sum	20	7	4	89	1085	17		23	0
15-Aug-88			Count	29	29	29	29	29	29		29	29
			Mean	0.28	0.21	0.72	10.97	13.66	0.97		0.59	0.03
			Median	0.00	0.00	0.00	3.00	9.00	0.00		0.00	0.00
			St. Dev.	0.65	0.49	1.71	32.20	14.50	2.21		1.18	0.19
			Sum	8	6	21	318	396	28		17	1
16-Aug-88			Count	13	13	13	13	13	13		13	13
			Mean	0.69	0.00	0.38	4.00	10.15	1.00		1.77	0.08
			Median	0.00	0.00	0.00	4.00	4.00	0.00		1.00	0.00
			St. Dev.	1.44	0.00	1.12	3.67	10.11	2.08		2.86	0.28
			Sum	9	0	5	52	132	13		23	1

Table 2. Catch Per Set Statistics Compiled From Data Collected During The Johnstone Strait Seine Fishery, (1987 to 1990).  
(cont'd)

Year	SubArea	Date	CPUE Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum	Coho <sup>4</sup>	Steelhead
1988	Upper Johnstone Strait	total Aug	Count	12	12	12	12	12	12	12	12
			Mean	0.33	0.17	0.92	11.08	23.08	9.83	4.83	0.00
			Median	0.00	0.00	0.00	4.00	17.50	2.00	4.50	0.00
			St. Dev.	0.49	0.39	1.38	17.23	23.71	27.81	4.71	0.00
			Sum	4	2	11	133	277	118	58	0
1988	Upper Johnstone Strait	total Sep	Count	34	34	34	34	34	34	34	34
			Mean	0.97	0.06	0.82	8.06	6.41	1.44	1.71	0.00
			Median	0.00	0.00	0.00	3.00	5.50	0.00	1.00	0.00
			St. Dev.	2.49	0.24	1.49	11.16	5.46	2.55	2.43	0.00
			Sum	33	2	28	274	218	49	58	0
1988	Upper Johnstone Strait	Chum Fishery	Count	145	145	145	145	145	145	145	145
			Mean	0.69	0.17	0.63	17.12	37.12	2.06	1.57	0.01
			Median	0.00	0.00	0.00	6.00	14.00	0.00	0.00	0.00
			St. Dev.	1.68	0.55	1.32	40.31	82.14	9.23	2.77	0.12
			Sum	100	24	91	2483	5383	298	228	2
1989	Upper Johnstone Strait	total Oct	Count	5	5	5	5	5	5	5	5
			Mean	0.20	0.00	0.40	0.00	1.80	12.40	4.60	0.00
			Median	0.00	0.00	0.00	0.00	1.00	3.00	3.00	0.00
			St. Dev.	0.45	0.00	0.89	0.00	2.95	17.07	6.19	0.00
			Sum	1	0	2	0	9	62	23	0
1989	Upper Johnstone Strait	Chum Fishery	Count	18	18	18	18	18	18	18	18
			Mean	0.89	0.22	0.39	0.11	1.28	36.44	6.00	0.06
			Median	0.00	0.00	0.00	0.00	1.00	13.50	1.00	0.00
			St. Dev.	1.97	0.73	0.78	0.32	1.71	61.74	11.87	0.24
			Sum	16	4	7	2	23	656	108	1
1989	Upper Johnstone Strait	total Jul	Count	18	18	18	18	18	18	18	18
			Mean	0.00	0.00	0.00	0.00	0.00	12.17	2.17	0.00
			Median	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00
			St. Dev.	0.00	0.00	0.00	0.00	0.00	42.16	4.57	0.00
			Sum	0	0	0	0	0	219	39	0
1989	Upper Johnstone Strait	Chum Fishery	Count	46	46	46	46	46	46	46	46
			Mean	0.09	0.24	0.13	0.00	0.17	40.33	1.89	0.00
			Median	0.00	0.00	0.00	0.00	0.00	2.00	1.00	0.00
			St. Dev.	0.35	1.08	0.40	0.00	0.44	90.28	2.51	0.00
			Sum	4	11	6	0	8	1855	87	0
1989	Upper Johnstone Strait	Chum Fishery	Count	87	87	87	87	87	87	87	87
			Mean	0.24	0.17	0.17	0.02	0.46	32.09	2.95	0.01
			Median	0.00	0.00	0.00	0.00	0.00	2.00	1.00	0.00
			St. Dev.	0.98	0.85	0.51	0.15	1.19	74.36	6.32	0.11
			Sum	21	15	15	2	40	2792	257	1
1989	Upper Johnstone Strait	total Jul	Count	17	17	17	17	17	17	17	17
			Mean	0.00	0.00	0.12	0.00	0.00	31.18	0.41	0.00
			Median	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00
			St. Dev.	0.00	0.00	0.33	0.00	0.00	59.09	0.94	0.00
			Sum	0	0	2	0	0	530	7	0
1989	Upper Johnstone Strait	Chum Fishery	Count	51	51	51	51	51	51	51	51
			Mean	0.04	0.02	0.53	0.00	0.02	54.59	0.29	0.00
			Median	0.00	0.00	0.00	0.00	0.00	6.00	0.00	0.00
			St. Dev.	0.28	0.14	3.09	0.00	0.14	131.62	1.06	0.00
			Sum	2	1	27	0	1	2784	15	0
1989	Upper Johnstone Strait	Chum Fishery	Count	68	68	68	68	68	68	68	68
			Mean	0.03	0.01	0.43	0.00	0.01	48.74	0.32	0.00
			Median	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00
			St. Dev.	0.24	0.12	2.68	0.00	0.12	117.76	1.03	0.00
			Sum	2	1	29	0	1	3314	22	0
1989	Upper Johnstone Strait	total Jul	Count	67	67	67	67	67	67	67	67
			Mean	0.22	0.01	0.30	19.85	2.85	0.00	1.10	0.01
			Median	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00
			St. Dev.	0.62	0.12	0.89	52.03	7.09	0.00	1.78	0.12
			Sum	15	1	20	1330	191	0	74	1
1989	Upper Johnstone Strait	Chum Fishery	Count	8	8	8	8	8	8	8	8
			Mean	0.38	0.00	0.00	70.13	39.50	0.00	0.00	0.00
			Median	0.00	0.00	0.00	37.50	22.50	0.00	0.00	0.00
			St. Dev.	0.74	0.00	0.00	100.72	40.16	0.00	0.00	0.00
			Sum	3	0	0	561	316	0	0	0

Table 2. Catch Per Set Statistics Compiled From Data Collected During The Johnstone Strait Seine Fishery, (1987 to 1990).  
(cont'd)

Year	SubArea	Date	CPUE Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum		Coho <sup>1</sup>	Steelhead
1989	Upper Johnstone Strait	total Jul	Count	29	29	29	29	29	29		29	29
			Mean	0.21	0.21	0.07	102.52	41.28	0.00		0.41	0.00
			Median	0.00	0.00	0.00	50.00	15.00	0.00		0.00	0.00
			St. Dev.	0.62	0.94	0.26	186.83	76.45	0.00		0.98	0.00
			Sum	6	6	2	2973	1197	0		12	0
		30-Jul-89	Count	17	17	17	17	17	17		17	17
			Mean	0.24	0.00	0.24	31.12	48.88	0.00		0.00	0.00
			Median	0.00	0.00	0.00	0.00	25.00	0.00		0.00	0.00
			St. Dev.	0.97	0.00	0.56	57.73	64.83	0.00		0.00	0.00
			Sum	4	0	4	529	831	0		0	0
		31-Jul-89	Count	51	51	51	51	51	51		51	51
			Mean	0.41	0.02	0.14	45.43	29.37	0.08		0.10	0.04
			Median	0.00	0.00	0.00	20.00	7.00	0.00		0.00	0.00
			St. Dev.	0.80	0.14	0.53	67.50	61.15	0.39		0.46	0.20
			Sum	21	1	7	2317	1498	4		5	2
		1-Aug-89	Count	192	192	192	192	192	192		192	192
			Mean	0.28	0.04	0.27	41.19	21.31	0.02		0.54	0.02
			Median	0.00	0.00	0.00	12.00	3.00	0.00		0.00	0.00
			St. Dev.	0.72	0.38	1.01	93.76	50.80	0.20		1.26	0.12
			Sum	54	8	52	7909	4091	4		103	3
		2-Aug-89	Count	38	38	38	38	38	38		38	38
			Mean	0.18	0.00	0.26	24.45	21.95	0.08		0.13	0.00
			Median	0.00	0.00	0.00	3.00	5.50	0.00		0.00	0.00
			St. Dev.	0.83	0.00	1.03	39.31	49.39	0.36		0.41	0.00
			Sum	7	0	10	929	834	3		5	0
		7-Aug-89	Count	19	19	19	19	19	19		19	19
			Mean	0.11	0.00	0.05	74.95	70.95	0.05		0.11	0.00
			Median	0.00	0.00	0.00	50.00	10.00	0.00		0.00	0.00
			St. Dev.	0.32	0.00	0.23	117.03	144.15	0.23		0.32	0.00
			Sum	2	0	1	1424	1348	1		2	0
		8-Aug-89	Count	13	13	13	13	13	13		13	13
			Mean	0.46	0.00	0.00	82.38	36.38	0.23		0.15	0.00
			Median	0.00	0.00	0.00	45.00	25.00	0.00		0.00	0.00
			St. Dev.	1.39	0.00	0.00	94.48	44.04	0.60		0.38	0.00
			Sum	6	0	0	1071	473	3		2	0
		9-Aug-89	Count	49	49	49	49	49	49		49	49
			Mean	0.88	0.06	0.18	58.90	46.35	0.12		0.14	0.00
			Median	0.00	0.00	0.00	20.00	10.00	0.00		0.00	0.00
			St. Dev.	2.15	0.24	0.88	98.98	112.07	0.48		0.61	0.00
			Sum	43	3	9	2886	2271	6		7	0
		13-Aug-89	Count	22	22	22	22	22	22		22	22
			Mean	1.05	0.00	0.00	44.05	17.73	0.32		0.09	0.00
			Median	0.00	0.00	0.00	10.50	10.00	0.00		0.00	0.00
			St. Dev.	3.06	0.00	0.00	79.81	24.86	0.65		0.29	0.00
			Sum	23	0	0	969	390	7		2	0
		14-Aug-89	Count	16	16	16	16	16	16		16	16
			Mean	0.31	0.00	0.00	306.19	50.31	0.00		0.06	0.00
			Median	0.00	0.00	0.00	100.00	30.00	0.00		0.00	0.00
			St. Dev.	0.79	0.00	0.00	475.48	62.24	0.00		0.25	0.00
			Sum	5	0	0	4899	805	0		1	0
		15-Aug-89	Count	54	54	54	54	54	54		54	54
			Mean	0.39	0.07	0.11	188.00	87.50	0.65		0.43	0.00
			Median	0.00	0.00	0.00	55.00	38.00	0.00		0.00	0.00
			St. Dev.	0.86	0.33	0.57	265.57	271.17	1.38		1.02	0.00
			Sum	21	4	6	10152	4725	35		23	0
		16-Aug-89	Count	56	56	56	56	56	56		56	56
			Mean	0.95	0.05	0.09	80.66	42.71	0.39		0.05	0.00
			Median	0.00	0.00	0.00	20.00	12.50	0.00		0.00	0.00
			St. Dev.	2.63	0.40	0.44	151.97	65.57	1.30		0.30	0.00
			Sum	53	3	5	4517	2392	22		3	0
		17-Aug-89	Count	12	12	12	12	12	12		12	12
			Mean	0.00	0.00	0.00	28.75	18.25	0.00		0.00	0.00
			Median	0.00	0.00	0.00	4.50	7.50	0.00		0.00	0.00
			St. Dev.	0.00	0.00	0.00	44.27	28.22	0.00		0.00	0.00
			Sum	0	0	0	345	219	0		0	0

Table 2. Catch Per Set Statistics Compiled From Data Collected During The Johnstone Strait Seine Fishery, (1987 to 1990).  
(cont'd)

Year	SubArea	Date	CPUE Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum		Coho <sup>4</sup>	Steelhead
1989	Upper Johnstone Strait	20-Aug-89	Count	26	26	26	26	26	26		26	26
			Mean	0.08	0.00	0.00	346.31	96.96	0.62		0.08	0.00
			Median	0.00	0.00	0.00	85.00	27.50	0.00		0.00	0.00
			St. Dev.	0.27	0.00	0.00	635.93	288.85	1.13		0.27	0.00
			Sum	2	0	0	9004	2521	16		2	0
		21-Aug-89	Count	23	23	23	23	23	23		23	23
			Mean	0.26	0.04	0.04	15.30	30.17	0.22		0.26	0.00
			Median	0.00	0.00	0.00	0.00	1.00	0.00		0.00	0.00
			St. Dev.	0.75	0.21	0.21	33.73	88.39	0.67		0.54	0.00
			Sum	6	1	1	352	694	5		6	0
		22-Aug-89	Count	28	28	28	28	28	28		28	28
			Mean	1.96	0.00	0.00	51.54	67.25	0.79		0.14	0.00
			Median	0.00	0.00	0.00	7.50	30.00	0.00		0.00	0.00
			St. Dev.	5.89	0.00	0.00	113.36	95.97	1.62		0.52	0.00
			Sum	55	0	0	1443	1883	22		4	0
		28-Aug-89	Count	52	52	52	52	52	52		52	52
			Mean	0.06	0.00	0.00	15.79	83.08	1.42		0.38	0.00
			Median	0.00	0.00	0.00	3.00	30.00	0.00		0.00	0.00
			St. Dev.	0.24	0.00	0.00	35.50	157.32	3.04		0.77	0.00
			Sum	3	0	0	821	4320	74		20	0
		29-Aug-89	Count	34	34	34	34	34	34		34	34
			Mean	0.29	0.03	0.06	5.97	51.59	1.35		0.26	0.03
			Median	0.00	0.00	0.00	1.50	25.50	0.00		0.00	0.00
			St. Dev.	0.63	0.17	0.24	9.34	78.98	3.63		0.57	0.17
			Sum	10	1	2	203	1754	46		9	1
		31-Aug-89	Count	6	6	6	6	6	6		6	6
			Mean	0.17	0.00	0.00	199.17	69.17	0.33		0.17	0.00
			Median	0.00	0.00	0.00	250.00	60.00	0.00		0.00	0.00
			St. Dev.	0.41	0.00	0.00	98.81	43.18	0.52		0.41	0.00
			Sum	1	0	0	1195	415	2		1	0
		1989 total Aug	Count	448	448	448	448	448	448		448	448
			Mean	0.53	0.03	0.08	89.75	55.90	0.54		0.19	0.00
			Median	0.00	0.00	0.00	13.00	16.50	0.00		0.00	0.00
			St. Dev.	2.10	0.21	0.50	232.14	146.25	1.73		0.59	0.05
			Sum	237	12	34	40210	25044	242		87	1
		4-Sep-89	Count	11	11	11	11	11	11		11	11
			Mean	0.00	0.00	0.00	9.09	287.64	4.64		0.36	0.00
			Median	0.00	0.00	0.00	0.00	40.00	0.00		0.00	0.00
			St. Dev.	0.00	0.00	0.00	30.15	553.21	9.98		0.81	0.00
			Sum	0	0	0	100	3164	51		4	0
		5-Sep-89	Count	42	42	42	42	42	42		42	42
			Mean	0.19	0.00	0.05	2.43	155.17	6.33		0.24	0.00
			Median	0.00	0.00	0.00	0.00	30.00	2.00		0.00	0.00
			St. Dev.	0.55	0.00	0.22	8.30	306.25	10.52		0.73	0.00
			Sum	8	0	2	102	6517	266		10	0
		1989 total Sep	Count	53	53	53	53	53	53		53	53
			Mean	0.15	0.00	0.04	3.81	182.66	5.98		0.26	0.00
			Median	0.00	0.00	0.00	0.00	30.00	1.00		0.00	0.00
			St. Dev.	0.50	0.00	0.19	15.38	368.43	10.34		0.74	0.00
			Sum	8	0	2	202	9681	317		14	0
		11-Sep-89	Count	36	36	36	36	36	36		36	36
			Mean	0.11	0.03	0.06	1.22	81.36	17.50		4.11	0.00
			Median	0.00	0.00	0.00	0.00	30.00	6.00		0.00	0.00
			St. Dev.	0.46	0.17	0.23	4.09	109.18	29.96		8.16	0.00
			Sum	4	1	2	44	2929	630		148	0
		12-Sep-89	Count	22	22	22	22	22	22		22	22
			Mean	0.14	0.05	0.00	0.23	106.36	13.36		2.95	0.00
			Median	0.00	0.00	0.00	0.00	27.50	2.00		0.00	0.00
			St. Dev.	0.64	0.21	0.00	1.07	233.84	24.50		12.76	0.00
			Sum	3	1	0	5	2340	294		65	0
		25-Sep-89	Count	5	5	5	5	5	5		5	5
			Mean	0.00	0.00	0.00	0.00	5.60	38.20		3.00	0.00
			Median	0.00	0.00	0.00	0.00	1.00	1.00		1.00	0.00
			St. Dev.	0.00	0.00	0.00	0.00	10.88	64.82		4.24	0.00
			Sum	0	0	0	0	28	191		15	0

Table 2. Catch Per Set Statistics Compiled From Data Collected During The Johnstone Strait Seine Fishery, (1987 to 1990).  
(cont'd)

Year	SubArea	Date	CPUE Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum	Coho <sup>a</sup>	Steelhead	
1989	Upper total Sep Johnstone Strait Chum Fishery	26-Sep-89	Count	14	14	14	14	14	14	14	14	
			Mean	0.07	0.00	0.00	0.00	1.71	36.57	1.21	0.00	
			Median	0.00	0.00	0.00	0.00	0.00	15.00	0.00	0.00	
			St. Dev.	0.27	0.00	0.00	0.00	2.55	46.22	2.15	0.00	
			Sum	1	0	0	0	24	512	17	0	
		23-Oct-89	Count	77	77	77	77	77	77	77	77	
			Mean	0.10	0.03	0.03	0.64	69.10	21.13	3.18	0.00	
			Median	0.00	0.00	0.00	0.00	20.00	5.00	0.00	0.00	
			St. Dev.	0.48	0.16	0.16	2.89	148.93	35.39	8.86	0.00	
			Sum	8	2	2	49	5321	1627	245	0	
		1989 Upper total Oct Johnstone Strait Chum Fishery	Count	10	10	10	10	10	10	10	10	
			Mean	0.00	0.00	0.00	0.00	0.00	1.30	0.40	0.00	
			Median	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
			St. Dev.	0.00	0.00	0.00	0.00	0.00	3.77	0.97	0.00	
			Sum	0	0	0	0	0	13	4	0	
Year	SubArea	Date	CPUE Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum	Coho <43cm	Coho >43cm	Steelhead
1989		12-Aug-90	Count	13	13	13	13	13	13	13	13	13
			Mean	0.92	0.23	0.00	249.00	45.85	4.23	0.31	0.08	0.00
			Median	0.00	0.00	0.00	50.00	30.00	0.00	0.00	0.00	0.00
			St. Dev.	2.22	0.83	0.00	379.17	57.74	7.35	0.63	0.28	0.00
			Sum	12	3	0	3237	596	55	4	1	0
		13-Aug-90	Count	47	47	47	47	47	47	47	47	47
			Mean	0.51	0.04	0.04	122.17	69.51	0.55	0.13	0.21	0.00
			Median	0.00	0.00	0.00	50.00	31.00	0.00	0.00	0.00	0.00
			St. Dev.	0.95	0.20	0.20	195.81	96.45	1.21	0.40	0.51	0.00
			Sum	24	2	2	5742	3267	26	6	10	0
		14-Aug-90	Count	20	20	20	20	20	20	20	20	20
			Mean	0.25	0.15	0.00	72.10	54.65	0.60	0.25	0.30	0.00
			Median	0.00	0.00	0.00	17.50	30.00	0.00	0.00	0.00	0.00
			St. Dev.	0.44	0.49	0.00	130.37	75.02	1.10	0.64	0.57	0.00
			Sum	5	3	0	1442	1093	12	5	6	0
		19-Aug-90	Count	13	13	13	13	13	13	13	13	13
			Mean	0.38	0.08	0.00	161.31	49.00	1.62	0.15	0.08	0.00
			Median	0.00	0.00	0.00	140.00	40.00	1.00	0.00	0.00	0.00
			St. Dev.	0.96	0.28	0.00	171.11	69.05	2.02	0.38	0.28	0.00
			Sum	5	1	0	2097	637	21	2	1	0
		20-Aug-90	Count	71	71	71	71	71	71	71	71	71
			Mean	0.39	0.00	0.07	78.44	8.73	1.49	0.03	0.32	0.00
			Median	0.00	0.00	0.00	38.00	3.00	0.00	0.00	0.00	0.00
			St. Dev.	1.16	0.00	0.31	114.03	14.60	3.85	0.17	0.84	0.00
			Sum	28	0	5	5569	620	106	2	23	0
		21-Aug-90	Count	30	30	30	30	30	30	30	30	30
			Mean	0.17	0.00	0.00	74.37	7.53	0.47	0.00	0.13	0.00
			Median	0.00	0.00	0.00	22.50	5.00	0.00	0.00	0.00	0.00
			St. Dev.	0.46	0.00	0.00	109.61	6.78	0.82	0.00	0.35	0.00
			Sum	5	0	0	2231	226	14	0	4	0
		26-Aug-90	Count	12	12	12	12	12	12	12	12	12
			Mean	0.67	0.00	0.08	82.42	12.00	0.92	0.00	0.17	0.00
			Median	0.00	0.00	0.00	1.50	4.00	0.00	0.00	0.00	0.00
			St. Dev.	1.50	0.00	0.29	169.23	18.79	1.51	0.00	0.39	0.00
			Sum	8	0	1	989	144	11	0	2	0
		27-Aug-90	Count	33	33	33	33	33	33	33	33	33
			Mean	0.36	0.15	0.09	27.73	9.30	0.33	0.12	0.36	0.00
			Median	0.00	0.00	0.00	7.00	8.00	0.00	0.00	0.00	0.00
			St. Dev.	0.90	0.44	0.52	55.35	11.35	0.74	0.42	0.82	0.00
			Sum	12	5	3	915	307	11	4	12	0
		28-Aug-90	Count	37	37	37	37	37	37	37	37	37
			Mean	0.24	0.08	0.03	15.30	6.62	0.76	0.00	0.51	0.00
			Median	0.00	0.00	0.00	10.00	4.00	0.00	0.00	0.00	0.00
			St. Dev.	0.55	0.28	0.16	16.13	9.48	1.12	0.00	0.90	0.00
			Sum	9	3	1	566	245	28	0	19	0

Table 2. Catch Per Set Statistics Compiled From Data Collected During The Johnstone Strait Seine Fishery, (1987 to 1990).  
(cont'd)

Year	SubArea	Date	CPUE Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum	Coho <43cm	Coho >43cm	Steelhead
1990	Upper Johnstone Strait	29-Aug-90	Count	31	31	31	31	31	31	31	31	31
			Mean	0.13	0.10	0.00	12.81	2.39	0.26	0.23	0.26	0.00
			Median	0.00	0.00	0.00	4.00	0.00	0.00	0.00	0.00	0.00
			St. Dev.	0.43	0.40	0.00	16.50	4.15	0.89	0.56	0.58	0.00
			Sum	4	3	0	397	74	8	7	8	0
		total Aug	Count	307	307	307	307	307	307	307	307	307
			Mean	0.36	0.07	0.04	75.52	23.48	0.95	0.10	0.28	0.00
			Median	0.00	0.00	0.00	18.00	6.00	0.00	0.00	0.00	0.00
			St. Dev.	0.98	0.32	0.25	148.79	52.69	2.66	0.37	0.68	0.00
			Sum	112	20	12	23185	7209	292	30	86	0
		2-Sep-90	Count	12	12	12	12	12	12	12	12	12
			Mean	0.08	0.00	0.00	18.42	31.00	2.58	0.00	0.50	0.00
			Median	0.00	0.00	0.00	4.50	20.00	1.00	0.00	0.00	0.00
			St. Dev.	0.29	0.00	0.00	32.94	42.87	3.73	0.00	0.90	0.00
			Sum	1	0	0	221	372	31	0	6	0
		3-Sep-90	Count	25	25	25	25	25	25	25	25	25
			Mean	0.20	0.12	0.04	32.20	12.36	2.36	0.12	0.04	0.00
			Median	0.00	0.00	0.00	25.00	10.00	1.00	0.00	0.00	0.00
			St. Dev.	0.50	0.44	0.20	33.15	15.66	2.87	0.60	0.20	0.00
			Sum	5	3	1	805	309	59	3	1	0
		total Sep	Count	37	37	37	37	37	37	37	37	37
			Mean	0.16	0.08	0.03	27.73	18.41	2.43	0.08	0.19	0.00
			Median	0.00	0.00	0.00	13.00	10.00	1.00	0.00	0.00	0.00
			St. Dev.	0.44	0.36	0.16	33.27	28.34	3.12	0.49	0.57	0.00
			Sum	6	3	1	1026	681	90	3	7	0
Year	SubArea	Date	CPUE Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum	Coho <sup>1</sup>	Steelhead	
1987	Lower Johnstone Strait	2-Aug-87	Count	6	6	6	6	6	6	6	6	6
			Mean	1.67	0.00	0.00	482.50	129.17	0.00	0.00	0.00	0.00
			Median	0.00	0.00	0.00	425.00	100.00	0.00	0.00	0.00	0.00
			St. Dev.	4.08	0.00	0.00	454.46	124.68	0.00	0.00	0.00	0.00
			Sum	10	0	0	2895	775	0	0	0	0
		3-Aug-87	Count	19	19	19	19	19	19	19	19	19
			Mean	0.32	0.00	0.00	6.37	29.68	0.00	0.00	0.00	0.00
			Median	0.00	0.00	0.00	0.00	9.00	0.00	0.00	0.00	0.00
			St. Dev.	1.00	0.00	0.00	14.87	40.11	0.00	0.00	0.00	0.00
			Sum	6	0	0	121	564	0	0	0	0
		9-Aug-87	Count	1	1	1	1	1	1	1	1	1
			Mean	0.00	0.00	0.00	20.00	5.00	0.00	0.00	0.00	0.00
			Median	0.00	0.00	0.00	20.00	5.00	0.00	0.00	0.00	0.00
			St. Dev.	0	0	0	0	0	0	0	0	0
			Sum	0	0	0	20	5	0	0	0	0
		10-Aug-87	Count	11	11	11	11	11	11	11	11	11
			Mean	1.55	0.36	0.00	55.91	6.00	0.00	0.00	0.00	0.00
			Median	0.00	0.00	0.00	50.00	0.00	0.00	0.00	0.00	0.00
			St. Dev.	3.01	0.81	0.00	39.55	17.97	0.00	0.00	0.00	0.00
			Sum	17	4	0	615	66	0	0	0	0
		11-Aug-87	Count	6	6	6	6	6	6	6	6	6
			Mean	2.33	0.00	0.17	82.50	0.00	0.00	0.00	0.00	0.00
			Median	0.50	0.00	0.00	37.50	0.00	0.00	0.00	0.00	0.00
			St. Dev.	3.93	0.00	0.41	115.49	0.00	0.00	0.00	0.00	0.00
			Sum	14	0	1	495	0	0	0	0	0
		17-Aug-87	Count	28	28	28	28	28	28	28	28	28
			Mean	0.21	0.00	0.07	39.89	28.93	0.96	0.89	0.04	
			Median	0.00	0.00	0.00	17.50	6.00	0.00	0.00	0.00	
			St. Dev.	0.69	0.00	0.26	66.83	58.67	1.57	1.37	0.19	
			Sum	6	0	2	1117	810	27	25	1	
		22-Aug-87	Count	5	5	5	5	5	5	5	5	5
			Mean	0.20	0.00	0.00	3.00	1.60	1.00	0.00	0.00	0.00
			Median	0.00	0.00	0.00	4.00	2.00	1.00	0.00	0.00	0.00
			St. Dev.	0.45	0.00	0.00	3.00	1.14	1.22	0.00	0.00	0.00
			Sum	1	0	0	15	8	5	0	0	0
		23-Aug-87	Count	16	16	16	16	16	16	16	16	16
			Mean	0.19	0.00	0.13	25.38	8.75	2.19	0.13	0.06	
			Median	0.00	0.00	0.00	2.00	0.50	0.00	0.00	0.00	
			St. Dev.	0.54	0.00	0.34	59.30	16.63	5.08	0.50	0.25	
			Sum	3	0	2	406	140	35	2	1	

Table 2. Catch Per Set Statistics Compiled From Data Collected During The Johnstone Strait Seine Fishery, (1987 to 1990).  
(cont'd)

Year	SubArea	Date	CPUE Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum		Coho <sup>a</sup>	Steelhead
1987	Lower Johnstone Strait	24-Aug-87	Count	1	1	1	1	1	1		1	1
			Mean	0.00	0.00	0.00	1.00	0.00	0.00		0.00	0.00
			Median	0.00	0.00	0.00	1.00	0.00	0.00		0.00	0.00
			St. Dev.									
			Sum	0	0	0	1	0	0		0	0
		total Aug	Count	93	93	93	93	93	93		93	93
			Mean	0.61	0.04	0.05	61.13	25.46	0.72		0.29	0.02
			Median	0.00	0.00	0.00	7.00	3.00	0.00		0.00	0.00
			St. Dev.	1.90	0.29	0.23	163.95	56.01	2.37		0.87	0.15
			Sum	57	4	5	5685	2368	67		27	2
		1-Sep-87	Count	2	2	2	2	2	2		2	2
			Mean	0.00	0.00	0.00	37.00	60.00	27.50		3.50	0.00
			Median	0.00	0.00	0.00	37.00	60.00	27.50		3.50	0.00
			St. Dev.	0.00	0.00	0.00	46.67	56.57	31.82		3.54	0.00
			Sum	0	0	0	74	120	55		7	0
		2-Sep-87	Count	5	5	5	5	5	5		5	5
			Mean	0.80	0.00	0.00	7.80	19.00	11.20		1.00	0.00
			Median	1.00	0.00	0.00	5.00	20.00	15.00		1.00	0.00
			St. Dev.	0.84	0.00	0.00	6.69	7.42	8.04		1.00	0.00
			Sum	4	0	0	39	95	56		5	0
		21-Sep-87	Count	20	20	20	20	20	20		20	20
			Mean	0.30	0.00	0.05	0.55	10.25	8.25		2.10	0.05
			Median	0.00	0.00	0.00	3.50	2.50			1.00	0.00
			St. Dev.	0.80	0.00	0.22	2.24	15.89	11.54		2.88	0.22
			Sum	6	0	1	11	205	165		42	1
		22-Sep-87	Count	16	16	16	16	16	16		16	16
			Mean	0.19	0.06	0.00	0.13	5.00	23.75		2.13	0.25
			Median	0.00	0.00	0.00	3.00	6.50		1.00	0.00	
			St. Dev.	0.40	0.25	0.00	0.34	7.27	38.72		2.96	0.77
			Sum	3	1	0	2	80	380		34	4
		total Sep	Count	43	43	43	43	43	43		43	43
			Mean	0.30	0.02	0.02	2.93	11.63	15.26		2.05	0.12
			Median	0.00	0.00	0.00	0.00	5.00	6.00		1.00	0.00
			St. Dev.	0.67	0.15	0.15	11.05	18.71	26.19		2.74	0.50
			Sum	13	1	1	126	500	656		88	5
		24-Jul-88	Count	3	3	3	3	3	3		3	3
			Mean	0.00	0.00	0.00	26.00	33.33	0.67		0.00	0.33
			Median	0.00	0.00	0.00	8.00	35.00	0.00		0.00	0.00
			St. Dev.	0.00	0.00	0.00	38.31	7.64	1.15		0.00	0.58
			Sum	0	0	0	78	100	2		0	1
		25-Jul-88	Count	8	8	8	8	8	8		8	8
			Mean	0.13	0.00	0.00	23.63	17.75	0.13		0.50	0.00
			Median	0.00	0.00	0.00	22.50	13.50	0.00		0.00	0.00
			St. Dev.	0.35	0.00	0.00	20.79	13.37	0.35		1.41	0.00
			Sum	1	0	0	189	142	1		4	0
		1988	Count	11	11	11	11	11	11		11	11
			Mean	0.09	0.00	0.00	24.27	22.00	0.27		0.36	0.09
			Median	0.00	0.00	0.00	20.00	15.00	0.00		0.00	0.00
			St. Dev.	0.30	0.00	0.00	24.44	13.78	0.65		1.21	0.30
			Sum	1	0	0	267	242	3		4	1
		8-Aug-88	Count	7	7	7	7	7	7		7	7
			Mean	0.14	0.00	0.00	91.43	14.86	0.43		0.29	0.00
			Median	0.00	0.00	0.00	20.00	15.00	0.00		0.00	0.00
			St. Dev.	0.38	0.00	0.00	182.16	13.55	1.13		0.76	0.00
			Sum	1	0	0	640	104	3		2	0
		9-Aug-88	Count	9	9	9	9	9	9		9	9
			Mean	0.89	0.22	0.11	90.00	37.78	0.00		0.56	0.00
			Median	1.00	0.00	0.00	40.00	10.00	0.00		0.00	0.00
			St. Dev.	0.93	0.67	0.33	119.90	52.57	0.00		1.67	0.00
			Sum	8	2	1	810	340	0		5	0
		10-Aug-88	Count	7	7	7	7	7	7		7	7
			Mean	1.00	0.00	0.57	17.57	29.57	0.43		1.00	0.14
			Median	0.00	0.00	0.00	5.00	25.00	0.00		0.00	0.00
			St. Dev.	1.53	0.00	1.13	36.46	18.02	1.13		1.83	0.38
			Sum	7	0	4	123	207	3		7	1

Table 2. Catch Per Set Statistics Compiled From Data Collected During The Johnstone Strait Seine Fishery, (1987 to 1990).  
(cont'd)

Year	SubArea	Date	CPUE Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum	Coho <sup>a</sup>	Steelhead
1988	Lower Johnstone Strait	14-Aug-88	Count	3	3	3	3	3	3	3	3
			Mean	0.00	0.00	1.33	10.00	11.33	0.33	3.00	0.00
			Median	0.00	0.00	1.00	10.00	10.00	0.00	4.00	0.00
			St. Dev.	0.00	0.00	1.53	0.00	8.08	0.58	2.65	0.00
			Sum	0	0	4	30	34	1	9	0
		15-Aug-88	Count	10	10	10	10	10	10	10	10
			Mean	1.60	0.00	0.10	5.60	6.40	0.20	0.30	0.00
			Median	0.00	0.00	0.00	1.50	5.50	0.00	0.00	0.00
			St. Dev.	5.06	0.00	0.32	7.79	6.47	0.63	0.67	0.00
			Sum	16	0	1	56	64	2	3	0
		16-Aug-88	Count	2	2	2	2	2	2	2	2
			Mean	0.00	0.00	0.00	7.00	10.50	0.00	1.50	0.00
			Median	0.00	0.00	0.00	7.00	10.50	0.00	1.50	0.00
			St. Dev.	0.00	0.00	0.00	7.07	9.19	0.00	0.71	0.00
			Sum	0	0	0	14	21	0	3	0
		21-Aug-88	Count	4	4	4	4	4	4	4	4
			Mean	0.50	0.00	0.50	8.00	8.00	0.50	2.50	0.00
			Median	0.50	0.00	0.00	7.50	6.00	0.00	2.00	0.00
			St. Dev.	0.58	0.00	1.00	5.72	9.09	1.00	1.73	0.00
			Sum	2	0	2	32	32	2	10	0
		22-Aug-88	Count	12	12	12	12	12	12	12	12
			Mean	0.08	0.00	0.00	4.58	5.08	0.25	1.25	0.00
			Median	0.00	0.00	0.00	1.50	2.50	0.00	1.00	0.00
			St. Dev.	0.29	0.00	0.00	6.43	6.44	0.62	1.48	0.00
			Sum	1	0	0	55	61	3	15	0
		1988 Lower total Aug	Count	54	54	54	54	54	54	54	54
			Mean	0.65	0.04	0.22	32.59	15.98	0.28	1.00	0.02
			Median	0.00	0.00	0.00	6.50	10.00	0.00	0.00	0.00
			St. Dev.	2.27	0.27	0.66	86.94	25.61	0.73	1.57	0.14
			Sum	35	2	12	1760	863	14	54	1
		14-Sep-88	Count	3	3	3	3	3	3	3	3
			Mean	0.00	0.33	0.00	0.00	0.67	10.67	2.00	0.00
			Median	0.00	0.00	0.00	0.00	1.00	7.00	2.00	0.00
			St. Dev.	0.00	0.58	0.00	0.00	0.58	10.02	2.00	0.00
			Sum	0	1	0	0	2	32	6	0
		15-Sep-88	Count	13	13	13	13	13	13	13	13
			Mean	0.15	0.08	0.08	0.00	28.00	6.15	2.38	0.00
			Median	0.00	0.00	0.00	0.00	12.00	2.00	2.00	0.00
			St. Dev.	0.55	0.28	0.28	0.00	35.70	8.19	2.43	0.00
			Sum	2	1	1	0	364	80	31	0
		26-Sep-88	Count	12	12	12	12	12	12	12	12
			Mean	0.00	0.00	0.00	0.00	1.00	65.25	7.25	0.00
			Median	0.00	0.00	0.00	0.00	0.50	15.00	2.00	0.00
			St. Dev.	0.00	0.00	0.00	0.00	1.48	107.78	10.88	0.00
			Sum	0	0	0	0	12	783	87	0
		27-Sep-88	Count	46	46	46	46	46	46	46	46
			Mean	0.00	0.02	0.09	0.03	0.98	34.35	4.04	0.02
			Median	0.00	0.00	0.00	0.00	0.00	12.50	2.00	0.00
			St. Dev.	0.00	0.15	0.46	0.15	2.18	59.45	6.17	0.15
			Sum	0	1	4	1	45	1580	186	1
		1988 Lower total Sep	Count	74	74	74	74	74	74	74	74
			Mean	0.03	0.04	0.07	0.01	5.72	33.45	4.19	0.01
			Median	0.00	0.00	0.00	0.00	0.00	11.00	2.00	0.00
			St. Dev.	0.23	0.20	0.38	0.11	17.89	65.30	6.69	0.12
			Sum	2	3	5	1	423	2475	310	1
		13-Oct-88	Count	15	15	15	15	15	15	15	15
			Mean	0.00	0.07	0.13	0.00	0.27	684.33	0.73	0.00
			Median	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00
			St. Dev.	0.00	0.26	0.35	0.00	0.59	1052.69	1.28	0.00
			Sum	0	1	2	0	4	10265	11	0
		14-Oct-88	Count	34	34	34	34	34	34	34	34
			Mean	0.03	0.09	0.24	0.00	0.62	68.79	0.18	0.00
			Median	0.00	0.00	0.00	0.00	0.00	30.00	0.00	0.00
			St. Dev.	0.17	0.38	0.50	0.00	2.10	113.40	0.72	0.00
			Sum	1	3	8	0	21	2339	6	0

Table 2. Catch Per Set Statistics Compiled From Data Collected During The Johnstone Strait Seine Fishery, (1987 to 1990).  
(cont'd)

Year	SubArea	Date	CPUE Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum	Coho <sup>a</sup>	Steelhead
1988	Lower Johnstone Strait Chum Fishery	total Oct	Count	49	49	49	49	49	49	49	49
			Mean	0.02	0.08	0.20	0.00	0.51	257.22	0.35	0.00
			Median	0.00	0.00	0.00	0.00	0.00	40.00	0.00	0.00
			St. Dev.	0.14	0.34	0.46	0.00	1.78	643.59	0.95	0.00
			Sum	1	4	10	0	25	12604	17	0
1989	Lower Johnstone Strait	16-Jul-89	Count	7	7	7	7	7	7	7	7
			Mean	0.00	0.00	0.00	2.14	1.00	0.00	0.29	0.00
			Median	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00
			St. Dev.	0.00	0.00	0.00	3.58	1.83	0.00	0.76	0.00
			Sum	0	0	0	15	7	0	2	0
		17-Jul-89	Count	5	5	5	5	5	5	5	5
			Mean	0.40	0.20	0.00	12.00	2.60	0.00	0.80	0.00
			Median	0.00	0.00	0.00	5.00	0.00	0.00	1.00	0.00
			St. Dev.	0.55	0.45	0.00	18.01	3.71	0.00	0.84	0.00
			Sum	2	1	0	60	13	0	4	0
		23-Jul-89	Count	1	1	1	1	1	1	1	1
			Mean	0.00	0.00	0.00	120.00	30.00	0.00	0.00	0.00
			Median	0.00	0.00	0.00	120.00	30.00	0.00	0.00	0.00
			St. Dev.								
			Sum	0	0	0	120	30	0	0	0
		24-Jul-89	Count	7	7	7	7	7	7	7	7
			Mean	0.71	0.00	0.00	432.00	63.86	0.00	25.71	0.00
			Median	0.00	0.00	0.00	150.00	40.00	0.00	0.00	0.00
			St. Dev.	1.25	0.00	0.00	625.22	70.22	0.00	55.93	0.00
			Sum	5	0	0	3024	447	0	180	0
		30-Jul-89	Count	3	3	3	3	3	3	3	3
			Mean	0.00	0.00	0.00	96.67	61.67	0.00	0.33	0.00
			Median	0.00	0.00	0.00	40.00	60.00	0.00	0.00	0.00
			St. Dev.	0.00	0.00	0.00	111.39	17.56	0.00	0.58	0.00
			Sum	0	0	0	290	185	0	1	0
		31-Jul-89	Count	21	21	21	21	21	21	21	21
			Mean	0.29	0.00	0.00	126.48	34.81	0.62	0.81	0.10
			Median	0.00	0.00	0.00	75.00	30.00	0.00	0.00	0.00
			St. Dev.	1.10	0.00	0.00	154.98	28.43	1.16	1.81	0.30
			Sum	6	0	0	2656	731	13	17	2
1989	Lower Johnstone Strait	total Jul	Count	44	44	44	44	44	44	44	44
			Mean	0.30	0.02	0.00	140.11	32.11	0.30	4.64	0.05
			Median	0.00	0.00	0.00	41.50	20.00	0.00	0.00	0.00
			St. Dev.	0.93	0.15	0.00	292.29	39.59	0.85	22.90	0.21
			Sum	13	1	0	6165	1413	13	204	2
		1-Aug-89	Count	16	16	16	16	16	16	16	16
			Mean	0.19	0.00	0.06	45.06	28.25	0.19	0.56	0.00
			Median	0.00	0.00	0.00	16.50	13.50	0.00	0.00	0.00
			St. Dev.	0.54	0.00	0.25	78.82	60.20	0.75	1.15	0.00
			Sum	3	0	1	721	452	3	9	0
		2-Aug-89	Count	12	12	12	12	12	12	12	12
			Mean	0.50	0.00	0.00	86.08	16.75	0.08	0.25	0.00
			Median	0.00	0.00	0.00	26.50	12.50	0.00	0.00	0.00
			St. Dev.	1.00	0.00	0.00	137.14	13.36	0.29	0.62	0.00
			Sum	6	0	0	1033	201	1	3	0
		7-Aug-89	Count	8	8	8	8	8	8	8	8
			Mean	2.25	0.00	0.00	303.13	63.13	0.50	0.13	0.00
			Median	0.00	0.00	0.00	262.50	62.50	0.00	0.00	0.00
			St. Dev.	5.60	0.00	0.00	305.12	42.92	1.07	0.35	0.00
			Sum	18	0	0	2425	505	4	1	0
		8-Aug-89	Count	21	21	21	21	21	21	21	21
			Mean	0.38	0.00	0.00	52.14	44.48	0.33	0.05	0.00
			Median	0.00	0.00	0.00	15.00	40.00	0.00	0.00	0.00
			St. Dev.	1.07	0.00	0.00	89.98	44.27	0.66	0.22	0.00
			Sum	8	0	0	1095	934	7	1	0
		9-Aug-89	Count	2	2	2	2	2	2	2	2
			Mean	0.00	0.00	0.00	21.00	14.00	0.50	0.00	0.00
			Median	0.00	0.00	0.00	21.00	14.00	0.50	0.00	0.00
			St. Dev.	0.00	0.00	0.00	26.87	15.56	0.71	0.00	0.00
			Sum	0	0	0	42	28	1	0	0

Table 2. Catch Per Set Statistics Compiled From Data Collected During The Johnstone Strait Seine Fishery, (1987 to 1990).  
(cont'd)

Year	SubArea	Date	CPUE Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum	Coho <sup>4</sup>	Steelhead
1989	Lower Johnstone Strait	total Aug	Count	10	10	10	10	10	10	10	10
			Mean	0.40	0.00	0.00	171.70	45.30	0.20	0.20	0.00
			Median	0.00	0.00	0.00	140.00	37.50	0.00	0.00	0.00
			St. Dev.	0.97	0.00	0.00	199.38	43.18	0.63	0.63	0.00
			Sum	4	0	0	1717	453	2	2	0
		13-Aug-89	Count	29	29	29	29	29	29	29	29
			Mean	0.21	0.00	0.00	337.48	40.90	0.21	0.21	0.03
			Median	0.00	0.00	0.00	125.00	30.00	0.00	0.00	0.00
			St. Dev.	0.56	0.00	0.00	465.35	44.77	0.62	0.41	0.19
			Sum	6	0	0	9787	1186	6	6	1
		14-Aug-89	Count	23	23	23	23	23	23	23	23
			Mean	1.00	0.00	0.09	56.52	17.78	0.22	0.43	0.00
			Median	0.00	0.00	0.00	25.00	7.00	0.00	0.00	0.00
			St. Dev.	2.47	0.00	0.29	76.69	20.30	0.52	0.90	0.00
			Sum	23	0	2	1300	409	5	10	0
		15-Aug-89	Count	7	7	7	7	7	7	7	7
			Mean	1.29	0.00	0.14	172.14	19.29	0.71	0.29	0.00
			Median	0.00	0.00	0.00	200.00	20.00	0.00	0.00	0.00
			St. Dev.	1.98	0.00	0.38	133.29	16.70	0.95	0.76	0.00
			Sum	9	0	1	1205	135	5	2	0
		16-Aug-89	Count	9	9	9	9	9	9	9	9
			Mean	0.44	0.00	0.22	28.67	28.56	1.00	0.67	0.00
			Median	0.00	0.00	0.00	15.00	13.00	1.00	1.00	0.00
			St. Dev.	0.88	0.00	0.67	46.54	39.84	1.12	0.71	0.00
			Sum	4	0	2	258	257	9	6	0
		20-Aug-89	Count	9	9	9	9	9	9	9	9
			Mean	0.44	0.00	0.22	28.67	28.56	1.00	0.67	0.00
			Median	0.00	0.00	0.00	15.00	13.00	1.00	1.00	0.00
			St. Dev.	0.88	0.00	0.67	46.54	39.84	1.12	0.71	0.00
			Sum	4	0	2	258	257	9	6	0
		21-Aug-89	Count	35	35	35	35	35	35	35	35
			Mean	0.66	0.03	0.06	67.89	30.97	0.29	0.23	0.00
			Median	0.00	0.00	0.00	20.00	10.00	0.00	0.00	0.00
			St. Dev.	1.68	0.17	0.24	107.44	43.73	0.52	0.65	0.00
			Sum	23	1	2	2376	1084	10	8	0
		22-Aug-89	Count	18	18	18	18	18	18	18	18
			Mean	0.94	0.00	0.00	12.06	11.89	0.06	0.22	0.06
			Median	0.00	0.00	0.00	1.50	2.00	0.00	0.00	0.00
			St. Dev.	2.26	0.00	0.00	29.40	17.48	0.24	0.55	0.24
			Sum	17	0	0	217	214	1	4	1
		28-Aug-89	Count	24	24	24	24	24	24	24	24
			Mean	0.25	0.04	0.00	49.58	221.83	1.58	0.88	0.00
			Median	0.00	0.00	0.00	32.50	187.50	1.00	0.50	0.00
			St. Dev.	0.74	0.20	0.00	61.55	177.81	1.95	0.99	0.00
			Sum	6	1	0	1190	5324	38	21	0
		29-Aug-89	Count	23	23	23	23	23	23	23	23
			Mean	0.52	0.00	0.00	17.13	41.09	1.30	0.48	0.00
			Median	0.00	0.00	0.00	15.00	28.00	0.00	0.00	0.00
			St. Dev.	1.08	0.00	0.00	19.60	37.51	1.89	0.79	0.00
			Sum	12	0	0	394	945	30	11	0
1989	Lower Johnstone Strait	total Sep	Count	237	237	237	237	237	237	237	237
			Mean	0.59	0.01	0.03	100.25	51.17	0.51	0.35	0.01
			Median	0.00	0.00	0.00	22.00	20.00	0.00	0.00	0.00
			St. Dev.	1.73	0.09	0.20	215.30	88.42	1.13	0.74	0.09
			Sum	139	2	8	23760	12127	122	84	2
		4-Sep-89	Count	4	4	4	4	4	4	4	4
			Mean	1.00	0.00	0.00	60.00	775.00	49.25	2.50	0.00
			Median	0.50	0.00	0.00	50.00	625.00	30.00	2.00	0.00
			St. Dev.	1.41	0.00	0.00	50.66	742.18	58.69	1.73	0.00
			Sum	4	0	0	240	3100	197	10	0
		5-Sep-89	Count	14	14	14	14	14	14	14	14
			Mean	0.43	0.00	0.00	13.93	294.71	4.00	0.64	0.00
			Median	0.00	0.00	0.00	7.50	87.50	2.00	0.00	0.00
			St. Dev.	1.34	0.00	0.00	25.32	518.80	5.41	1.39	0.00
			Sum	6	0	0	195	4126	56	9	0
		1989 Lower Johnstone Strait	Count	18	18	18	18	18	18	18	18
			Mean	0.56	0.00	0.00	24.17	401.44	14.06	1.06	0.00
			Median	0.00	0.00	0.00	10.00	140.00	2.50	0.00	0.00
			St. Dev.	1.34	0.00	0.00	36.49	587.58	31.70	1.63	0.00
			Sum	10	0	0	435	7226	253	19	0

Table 2. Catch Per Set Statistics Compiled From Data Collected During The Johnstone Strait Seine Fishery, (1987 to 1990).  
(cont'd)

Year	SubArea	Date	CPUE Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum	Coho <sup>a</sup>	Steelhead	
1989	Lower Johnstone Strait Chum Fishery	total Sep	Count	34	34	34	34	34	34	34	34	
			Mean	0.12	0.03	0.06	0.85	75.06	7.29	0.94	0.03	
			Median	0.00	0.00	0.00	0.00	20.00	2.00	0.00	0.00	
			St. Dev.	0.33	0.17	0.24	1.62	222.31	12.38	1.39	0.17	
			Sum	4	1	2	29	2552	248	32	1	
		12-Sep-89	Count	12	12	12	12	12	12	12	12	
			Mean	0.25	0.17	0.00	1.08	23.92	14.42	5.25	0.08	
			Median	0.00	0.00	0.00	0.00	10.50	10.00	1.00	0.00	
			St. Dev.	0.45	0.58	0.00	1.98	36.52	24.67	11.34	0.29	
			Sum	3	2	0	13	287	173	63	1	
		25-Sep-89	Count	6	6	6	6	6	6	6	6	
			Mean	0.00	0.00	0.00	0.00	4.67	129.50	4.83	0.00	
			Median	0.00	0.00	0.00	0.00	1.50	35.00	1.50	0.00	
			St. Dev.	0.00	0.00	0.00	0.00	7.74	196.52	7.63	0.00	
			Sum	0	0	0	0	28	777	29	0	
		26-Sep-89	Count	16	16	16	16	16	16	16	16	
			Mean	0.00	0.00	0.00	0.00	4.25	112.06	7.75	0.06	
			Median	0.00	0.00	0.00	0.00	2.00	10.00	1.50	0.00	
			St. Dev.	0.00	0.00	0.00	0.00	4.65	238.13	12.57	0.25	
			Sum	0	0	0	0	68	1793	124	1	
		1989	Count	68	68	68	68	68	68	68	68	
			Mean	0.10	0.04	0.03	0.62	43.16	43.99	3.65	0.04	
			Median	0.00	0.00	0.00	0.00	6.00	5.00	1.00	0.00	
			St. Dev.	0.31	0.27	0.17	1.46	160.15	135.48	8.37	0.21	
			Sum	7	3	2	42	2935	2991	248	3	
		23-Oct-89	Count	36	36	36	36	36	36	36	36	
			Mean	0.03	0.06	0.11	0.00	0.06	62.72	0.14	0.03	
			Median	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	
			St. Dev.	0.17	0.33	0.40	0.00	0.23	192.69	0.54	0.17	
			Sum	1	2	4	0	2	2258	5	1	
		1989	Count	36	36	36	36	36	36	36	36	
			Mean	0.03	0.06	0.11	0.00	0.06	62.72	0.14	0.03	
			Median	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	
			St. Dev.	0.17	0.33	0.40	0.00	0.23	192.69	0.54	0.17	
			Sum	1	2	4	0	2	2258	5	1	
Year	SubArea	Date	CPUE Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum	Coho <43cm	Coho >43cm	Steelhead
1990	Lower Johnstone Strait Chum Fishery	total Aug	Count	7	7	7	7	7	7	7	7	7
			Mean	0.29	0.43	0.00	765.00	101.29	1.29	0.00	0.71	0.00
			Median	0.00	0.00	0.00	25.00	50.00	0.00	0.00	0.00	0.00
			St. Dev.	0.49	1.13	0.00	1868.63	136.83	2.63	0.00	1.25	0.00
			Sum	2	3	0	5355	709	9	0	5	0
		13-Aug-90	Count	18	18	18	18	18	18	18	18	18
			Mean	0.28	0.06	0.06	51.17	25.67	0.11	0.00	0.33	0.06
			Median	0.00	0.00	0.00	16.50	20.00	0.00	0.00	0.00	0.00
			St. Dev.	0.75	0.24	0.24	73.92	20.20	0.32	0.00	0.69	0.24
			Sum	5	1	1	921	462	2	0	6	1
		14-Aug-90	Count	2	2	2	2	2	2	2	2	2
			Mean	0.00	0.00	0.00	48.00	40.00	1.00	0.00	1.50	0.00
			Median	0.00	0.00	0.00	48.00	40.00	1.00	0.00	1.50	0.00
			St. Dev.	0.00	0.00	0.00	59.40	7.07	0.00	0.00	0.71	0.00
			Sum	0	0	0	96	80	2	0	3	0
		20-Aug-90	Count	11	11	11	11	11	11	11	11	11
			Mean	0.64	0.00	0.00	177.36	24.55	1.82	0.09	0.45	0.00
			Median	0.00	0.00	0.00	35.00	20.00	1.00	0.00	0.00	0.00
			St. Dev.	1.03	0.00	0.00	425.87	20.00	2.96	0.30	0.93	0.00
			Sum	7	0	0	1951	270	20	1	5	0
		26-Aug-90	Count	6	6	6	6	6	6	6	6	6
			Mean	0.83	0.83	0.33	325.83	115.83	1.67	0.00	1.67	0.00
			Median	0.00	0.50	0.00	275.00	75.00	2.00	0.00	0.50	0.00
			St. Dev.	1.33	1.17	0.82	239.80	112.27	1.51	0.00	2.25	0.00
			Sum	5	5	2	1955	695	10	0	10	0

Table 2. Catch Per Set Statistics Compiled From Data Collected During The Johnstone Strait Seine Fishery, (1987 to 1990).  
(cont'd)

Year	SubArea	Date	CPUE Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum	Coho <43cm	Coho >43cm	Steelhead
1990	Lower Johnstone Strait	total Aug	Count	23	23	23	23	23	23	23	23	23
			Mean	0.48	0.17	0.00	171.26	10.22	0.39	0.04	0.57	0.00
			Median	0.00	0.00	0.00	75.00	2.00	0.00	0.00	0.00	0.00
			St. Dev.	1.38	0.49	0.00	317.20	21.09	1.03	0.21	1.08	0.00
			Sum	11	4	0	3939	235	9	1	13	0
		28-Aug-90	Count	29	29	29	29	29	29	29	29	29
			Mean	0.55	0.17	0.07	242.72	0.41	0.38	0.00	0.34	0.00
			Median	0.00	0.00	0.00	19.00	0.00	0.00	0.00	0.00	0.00
			St. Dev.	1.33	0.47	0.26	597.50	0.95	1.05	0.00	0.55	0.00
			Sum	16	5	2	7039	12	11	0	10	0
		29-Aug-90	Count	14	14	14	14	14	14	14	14	14
			Mean	0.21	0.07	0.00	24.00	0.50	0.50	0.00	0.21	0.00
			Median	0.00	0.00	0.00	9.50	0.00	0.00	0.00	0.00	0.00
			St. Dev.	0.43	0.27	0.00	45.74	0.76	1.09	0.00	0.80	0.00
			Sum	3	1	0	336	7	7	0	3	0
		1990 Lower Johnstone Strait	Count	110	110	110	110	110	110	110	110	110
			Mean	0.45	0.17	0.05	196.29	22.45	0.64	0.02	0.50	0.01
			Median	0.00	0.00	0.00	25.00	2.00	0.00	0.00	0.00	0.00
			St. Dev.	1.08	0.54	0.25	595.62	53.94	1.50	0.13	0.99	0.10
			Sum	49	19	5	21592	2470	70	2	55	1
		2-Sep-90	Count	2	2	2	2	2	2	2	2	2
			Mean	0.00	0.00	0.00	30.00	42.00	4.50	0.00	2.00	0.00
			Median	0.00	0.00	0.00	30.00	42.00	4.50	0.00	2.00	0.00
			St. Dev.	0.00	0.00	0.00	42.43	53.74	3.54	0.00	2.83	0.00
			Sum	0	0	0	60	84	9	0	4	0
		3-Sep-90	Count	17	17	17	17	17	17	17	17	17
			Mean	0.12	0.12	0.00	35.35	5.12	2.00	0.00	0.65	0.00
			Median	0.00	0.00	0.00	30.00	0.00	1.00	0.00	0.00	0.00
			St. Dev.	0.49	0.33	0.00	42.28	8.42	2.65	0.00	1.11	0.00
			Sum	2	2	0	601	87	34	0	11	0
		1990 Lower Johnstone Strait	Count	19	19	19	19	19	19	19	19	19
			Mean	0.11	0.11	0.00	34.79	9.00	2.26	0.00	0.79	0.00
			Median	0.00	0.00	0.00	30.00	2.00	1.00	0.00	0.00	0.00
			St. Dev.	0.46	0.32	0.00	41.13	18.94	2.75	0.00	1.32	0.00
			Sum	2	2	0	661	171	43	0	15	0
Year	SubArea	Date	CPUE Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum	Coho <43cm	Coho >43cm	Steelhead
1987	Discovery Passage	16-Aug-87	Count	7	7	7	7	7	7		7	7
			Mean	0.43	0.14	0.14	162.57	45.14	1.00		0.14	0.00
			Median	0.00	0.00	0.00	4.00	3.00	0.00		0.00	0.00
			St. Dev.	0.79	0.38	0.38	301.64	77.29	2.65		0.38	0.00
			Sum	3	1	1	1138	316	7		1	0
1987	Discovery Passage	total Sep	Count	7	7	7	7	7	7		7	7
			Mean	0.43	0.14	0.14	162.57	45.14	1.00		0.14	0.00
			Median	0.00	0.00	0.00	4.00	3.00	0.00		0.00	0.00
			St. Dev.	0.79	0.38	0.38	301.64	77.29	2.65		0.38	0.00
			Sum	3	1	1	1138	316	7		1	0

Table 2. Catch Per Set Statistics Compiled From Data Collected During The Johnstone Strait Seine Fishery, (1987 to 1990).  
(cont'd)

Year	Area	Date	CPUE Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum	Coho <sup>a</sup>	Steelhead
1987	Johnston Strait Total	2-Aug-87	Count	14	14	14	14	14	14	14	14
			Mean	1.57	0.00	0.14	232.21	60.57	0.07	0.29	0.00
			Median	0.00	0.00	0.00	52.00	13.50	0.00	0.00	0.00
			St. Dev.	4.01	0.00	0.53	361.34	99.06	0.27	1.07	0.00
			Sum	22	0	2	3251	848	1	4	0
		3-Aug-87	Count	76	76	76	76	76	76	76	76
			Mean	0.57	0.04	0.75	39.22	30.72	1.89	1.05	0.00
			Median	0.00	0.00	0.00	20.00	10.00	0.00	0.00	0.00
			St. Dev.	1.45	0.26	1.40	57.05	53.69	10.11	1.88	0.00
			Sum	43	3	57	2981	2335	144	80	0
		9-Aug-87	Count	28	28	28	28	28	28	28	28
			Mean	0.79	0.36	0.25	41.00	23.11	0.43	1.11	0.00
			Median	0.00	0.00	0.00	14.50	16.50	0.00	0.00	0.00
			St. Dev.	2.59	0.78	0.70	76.80	27.01	1.10	2.75	0.00
			Sum	22	10	7	1148	647	12	31	0
		10-Aug-87	Count	72	72	72	72	72	72	72	72
			Mean	0.46	0.10	0.18	75.54	17.53	0.46	0.38	0.00
			Median	0.00	0.00	0.00	32.50	9.00	0.00	0.00	0.00
			St. Dev.	1.37	0.42	0.78	104.79	23.90	2.15	0.85	0.00
			Sum	33	7	13	5439	1262	33	27	0
		11-Aug-87	Count	62	62	62	62	62	62	62	62
			Mean	0.53	0.02	0.24	121.08	21.92	1.50	0.34	0.00
			Median	0.00	0.00	0.00	30.00	12.50	0.00	0.00	0.00
			St. Dev.	1.46	0.13	0.86	220.26	24.23	3.62	1.04	0.00
			Sum	33	1	15	7507	1359	93	21	0
		16-Aug-87	Count	25	25	25	25	25	25	25	25
			Mean	0.20	0.04	0.08	145.56	28.52	0.32	0.04	0.00
			Median	0.00	0.00	0.00	12.00	3.00	0.00	0.00	0.00
			St. Dev.	0.58	0.20	0.28	351.51	48.46	1.41	0.20	0.00
			Sum	5	1	2	3639	713	8	1	0
		17-Aug-87	Count	111	111	111	111	111	111	111	111
			Mean	0.19	0.06	0.10	27.60	27.32	0.91	0.50	0.01
			Median	0.00	0.00	0.00	10.00	12.00	0.00	0.00	0.00
			St. Dev.	0.56	0.31	0.36	50.35	47.38	1.85	0.91	0.09
			Sum	21	7	11	3064	3032	101	56	1
		22-Aug-87	Count	12	12	12	12	12	12	12	12
			Mean	0.08	0.08	0.00	72.00	39.00	0.75	0.25	0.00
			Median	0.00	0.00	0.00	5.50	2.50	0.00	0.00	0.00
			St. Dev.	0.29	0.29	0.00	127.51	62.97	1.36	0.62	0.00
			Sum	1	1	0	864	468	9	3	0
		23-Aug-87	Count	71	71	71	71	71	71	71	71
			Mean	0.51	0.10	0.42	27.38	27.25	1.28	1.11	0.06
			Median	0.00	0.00	0.00	10.00	15.00	0.00	0.00	0.00
			St. Dev.	1.32	0.34	0.92	45.91	38.88	3.23	3.18	0.23
			Sum	36	7	30	1944	1935	91	79	4
		24-Aug-87	Count	50	50	50	50	50	50	50	50
			Mean	0.44	0.18	0.18	18.72	32.54	0.44	2.14	0.02
			Median	0.00	0.00	0.00	12.00	20.00	0.00	0.00	0.00
			St. Dev.	1.23	0.66	0.63	23.30	41.23	0.86	7.34	0.14
			Sum	22	9	9	936	1627	22	107	1
1987	Johnston Strait Total	total Aug	Count	521	521	521	521	521	521	521	521
			Mean	0.46	0.09	0.28	59.07	27.31	0.99	0.79	0.01
			Median	0.00	0.00	0.00	16.00	12.00	0.00	0.00	0.00
			St. Dev.	1.44	0.39	0.84	142.81	43.95	4.43	2.85	0.11
			Sum	238	46	146	30773	14226	514	409	6
		1-Sep-87	Count	14	14	14	14	14	14	14	14
			Mean	0.14	0.07	0.00	11.64	109.93	4.93	2.14	0.00
			Median	0.00	0.00	0.00	3.50	31.50	1.00	0.50	0.00
			St. Dev.	0.36	0.27	0.00	21.15	258.06	13.10	3.53	0.00
			Sum	2	1	0	163	1539	69	30	0
		2-Sep-87	Count	34	34	34	34	34	34	34	34
			Mean	0.29	0.00	0.12	4.71	26.03	2.41	0.94	0.00
			Median	0.00	0.00	0.00	2.00	15.00	0.00	1.00	0.00
			St. Dev.	0.58	0.00	0.54	6.44	28.64	5.00	0.98	0.00
			Sum	10	0	4	160	885	82	32	0

Table 2. Catch Per Set Statistics Compiled From Data Collected During The Johnstone Strait Seine Fishery, (1987 to 1990).  
(cont'd)

Year	Area	Date	CPUE Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum		Coho <sup>a</sup>	Steelhead
1987	Johnston Strait Total	21-Sep-87	Count	34	34	34	34	34	34		34	34
			Mean	0.29	0.00	0.03	0.32	7.82	20.94		1.38	0.03
			Median	0.00	0.00	0.00	0.00	2.00	3.50		1.00	0.00
			St. Dev.	0.80	0.00	0.17	1.72	13.65	51.16		2.39	0.17
			Sum	10	0	1	11	266	712		47	1
		22-Sep-87	Count	43	43	43	43	43	43		43	43
			Mean	0.07	0.02	0.02	0.07	3.30	19.02		1.79	0.16
			Median	0.00	0.00	0.00	0.00	2.00	7.00		0.00	0.00
			St. Dev.	0.26	0.15	0.15	0.26	5.21	28.99		2.98	0.53
			Sum	3	1	1	3	142	818		77	7
		1987 Johnston Strait Total Sep	Count	125	125	125	125	125	125		125	125
			Mean	0.20	0.02	0.05	2.70	22.66	13.45		1.49	0.06
			Median	0.00	0.00	0.00	0.00	4.00	2.00		1.00	0.00
			St. Dev.	0.55	0.13	0.31	8.53	91.17	32.76		2.50	0.33
			Sum	25	2	6	337	2632	1681		186	8
		24-Jul-88	Count	5	5	5	5	5	5		5	5
			Mean	0.60	5.20	2.40	16.20	28.60	0.40		2.20	0.20
			Median	0.00	0.00	0.00	3.00	35.00	0.00		0.00	0.00
			St. Dev.	0.89	8.67	4.34	30.25	15.57	0.89		4.38	0.45
			Sum	3	26	12	81	143	2		11	1
		25-Jul-88	Count	8	8	8	8	8	8		8	8
			Mean	0.13	0.00	0.00	23.63	17.75	0.13		0.50	0.00
			Median	0.00	0.00	0.00	22.50	13.50	0.00		0.00	0.00
			St. Dev.	0.35	0.00	0.00	20.79	13.37	0.35		1.41	0.00
			Sum	1	0	0	189	142	1		4	0
		1988 Johnston Strait Total Jul	Count	13	13	13	13	13	13		13	13
			Mean	0.31	2.00	0.92	20.77	21.92	0.23		1.15	0.08
			Median	0.00	0.00	0.00	10.00	15.00	0.00		0.00	0.00
			St. Dev.	0.63	5.66	2.78	23.90	14.67	0.60		2.88	0.28
			Sum	4	26	12	270	285	3		15	1
		8-Aug-88	Count	16	16	16	16	16	16		16	16
			Mean	0.31	3.25	0.88	55.69	27.06	0.69		2.38	0.00
			Median	0.00	0.00	0.00	12.50	14.50	0.00		0.00	0.00
			St. Dev.	0.79	9.73	3.01	123.44	48.60	1.66		5.81	0.00
			Sum	5	52	14	891	433	11		38	0
		9-Aug-88	Count	56	56	56	56	56	56		56	56
			Mean	0.46	0.41	0.45	28.34	58.46	1.77		1.57	0.00
			Median	0.00	0.00	0.00	10.00	23.00	0.00		0.00	0.00
			St. Dev.	0.74	1.01	0.99	63.33	93.83	7.14		3.01	0.00
			Sum	26	23	25	1587	3274	99		88	0
		10-Aug-88	Count	36	36	36	36	36	36		36	36
			Mean	0.75	0.06	0.39	27.22	35.42	0.83		2.81	0.03
			Median	0.00	0.00	0.00	5.00	26.00	0.00		1.00	0.00
			St. Dev.	1.54	0.23	0.77	58.81	26.86	1.93		4.13	0.17
			Sum	27	2	14	980	1275	30		101	1
		14-Aug-88	Count	25	25	25	25	25	25		25	25
			Mean	1.16	0.48	0.68	6.96	54.40	1.68		4.04	0.00
			Median	0.00	0.00	0.00	3.00	20.00	1.00		2.00	0.00
			St. Dev.	2.21	1.19	1.70	9.59	128.06	2.32		7.90	0.00
			Sum	29	12	17	174	1360	42		101	0
		15-Aug-88	Count	78	78	78	78	78	78		78	78
			Mean	0.44	0.23	0.53	5.79	9.85	0.76		2.55	0.01
			Median	0.00	0.00	0.00	1.00	5.50	0.00		1.00	0.00
			St. Dev.	1.88	0.62	1.21	20.18	11.67	1.63		3.72	0.11
			Sum	34	18	41	452	768	59		199	1
		16-Aug-88	Count	61	61	61	61	61	61		61	61
			Mean	0.43	0.16	0.46	4.87	10.03	0.69		3.21	0.03
			Median	0.00	0.00	0.00	3.00	6.00	0.00		2.00	0.00
			St. Dev.	1.09	0.49	0.91	6.66	8.19	1.40		4.39	0.18
			Sum	26	10	28	297	612	42		196	2
		21-Aug-88	Count	29	29	29	29	29	29		29	29
			Mean	0.52	0.24	0.55	6.28	12.28	4.14		4.17	0.00
			Median	0.00	0.00	0.00	2.00	5.00	0.00		3.00	0.00
			St. Dev.	0.78	0.79	1.06	12.00	17.99	18.10		4.68	0.00
			Sum	15	7	16	182	356	120		121	0

Table 2. Catch Per Set Statistics Compiled From Data Collected During The Johnstone Strait Seine Fishery, (1987 to 1990).  
(cont'd)

Year	Area	Date	CPUE Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum		Coho <sup>1</sup>	Steelhead
1988	Johnston Strait	total Aug	Count	80	80	80	80	80	80		80	80
			Mean	0.78	0.26	0.55	5.91	5.55	1.49		3.05	0.00
			Median	0.00	0.00	0.00	2.00	4.50	0.00		2.00	0.00
			St. Dev.	1.89	0.79	1.08	8.48	5.46	2.72		3.73	0.00
			Sum	62	21	44	473	444	119		244	0
			Count	381	381	381	381	381	381		381	381
			Mean	0.59	0.38	0.52	13.22	22.37	1.37		2.86	0.01
			Median	0.00	0.00	0.00	3.00	9.00	0.00		1.00	0.00
			St. Dev.	1.54	2.16	1.22	42.30	54.21	5.96		4.36	0.10
			Sum	224	145	199	5036	8522	522		1088	4
			Count	10	10	10	10	10	10		10	10
			Mean	0.10	0.20	0.40	0.00	1.50	9.70		3.30	0.00
			Median	0.00	0.00	0.00	0.00	1.00	3.00		2.50	0.00
			St. Dev.	0.32	0.42	0.84	0.00	2.07	13.08		4.47	0.00
			Sum	1	2	4	0	15	97		33	0
			Count	41	41	41	41	41	41		41	41
			Mean	0.46	0.12	0.22	0.05	9.68	18.95		3.88	0.02
			Median	0.00	0.00	0.00	0.00	2.00	4.00		1.00	0.00
			St. Dev.	1.38	0.51	0.57	0.22	23.31	43.51		8.13	0.16
			Sum	19	5	9	2	397	777		159	1
			Count	34	34	34	34	34	34		34	34
			Mean	0.00	0.00	0.00	0.00	0.41	29.50		5.09	0.00
			Median	0.00	0.00	0.00	0.00	0.00	0.00		1.50	0.00
			St. Dev.	0.00	0.00	0.00	0.00	1.02	74.30		10.33	0.00
			Sum	0	0	0	0	14	1003		173	0
			Count	102	102	102	102	102	102		102	102
			Mean	0.11	0.18	0.11	0.01	0.53	34.76		4.25	0.01
			Median	0.00	0.00	0.00	0.00	0.00	4.00		2.00	0.00
			St. Dev.	0.64	0.84	0.42	0.10	1.54	72.84		10.09	0.10
			Sum	11	18	11	1	54	3546		434	1
			Count	187	187	187	187	187	187		187	187
			Mean	0.17	0.13	0.13	0.02	2.57	29.00		4.27	0.01
			Median	0.00	0.00	0.00	0.00	0.00	3.00		2.00	0.00
			St. Dev.	0.82	0.67	0.46	0.13	11.53	65.85		9.47	0.10
			Sum	31	25	24	3	480	5423		799	2
			Count	35	35	35	35	35	35		35	35
			Mean	0.00	0.03	0.11	0.00	0.11	313.14		0.51	0.00
			Median	0.00	0.00	0.00	0.00	0.00	15.00		0.00	0.00
			St. Dev.	0.00	0.17	0.32	0.00	0.40	751.51		1.07	0.00
			Sum	0	1	4	0	4	10960		18	0
			Count	94	94	94	94	94	94		94	94
			Mean	0.03	0.04	0.37	0.06	0.23	59.12		0.49	0.00
			Median	0.00	0.00	0.00	0.00	0.00	9.00		0.00	0.00
			St. Dev.	0.23	0.25	2.29	0.62	1.29	119.28		1.77	0.00
			Sum	3	4	35	6	22	5557		46	0
			Count	129	129	129	129	129	129		129	129
			Mean	0.02	0.04	0.30	0.05	0.20	128.04		0.50	0.00
			Median	0.00	0.00	0.00	0.00	0.00	10.00		0.00	0.00
			St. Dev.	0.20	0.23	1.96	0.53	1.12	416.18		1.61	0.00
			Sum	3	5	39	6	26	16517		64	0
			Count	27	27	27	27	27	27		27	27
			Mean	0.19	0.00	0.70	7.93	2.41	0.00		0.52	0.00
			Median	0.00	0.00	0.00	2.00	1.00	0.00		0.00	0.00
			St. Dev.	0.62	0.00	2.11	10.51	4.37	0.00		0.94	0.00
			Sum	5	0	19	214	65	0		14	0
			Count	72	72	72	72	72	72		72	72
			Mean	0.24	0.03	0.28	19.31	2.83	0.00		1.08	0.01
			Median	0.00	0.00	0.00	3.50	0.00	0.00		0.00	0.00
			St. Dev.	0.62	0.17	0.86	50.38	6.89	0.00		1.73	0.12
			Sum	17	2	20	1390	204	0		78	1
			Count	11	11	11	11	11	11		11	11
			Mean	0.27	0.00	0.00	83.73	36.91	0.00		0.00	0.00
			Median	0.00	0.00	0.00	50.00	25.00	0.00		0.00	0.00
			St. Dev.	0.65	0.00	0.00	94.47	35.05	0.00		0.00	0.00
			Sum	3	0	0	921	406	0		0	0

Table 2. Catch Per Set Statistics Compiled From Data Collected During The Johnstone Strait Seine Fishery, (1987 to 1990).  
(cont'd)

Year	Area	Date	CPUE Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum	Coho <sup>a</sup>	Steelhead
1989	Johnston Strait	total Jul	Count	52	52	52	52	52	52	52	52
			Mean	0.38	0.13	0.29	141.85	43.29	0.00	6.04	0.00
			Median	0.00	0.00	0.00	50.00	20.00	0.00	0.00	0.00
			St. Dev.	0.93	0.71	0.98	287.73	65.99	0.00	21.49	0.00
			Sum	20	7	15	7376	2251	0	314	0
		30-Jul-89	Count	27	27	27	27	27	27	27	27
			Mean	0.22	0.00	0.30	49.41	43.89	0.07	3.93	0.00
			Median	0.00	0.00	0.00	18.00	25.00	0.00	0.00	0.00
			St. Dev.	0.85	0.00	0.72	65.97	53.40	0.38	8.57	0.00
			Sum	6	0	8	1334	1185	2	106	0
		31-Jul-89	Count	110	110	110	110	110	110	110	110
			Mean	0.31	0.03	0.06	106.51	26.05	0.22	1.24	0.04
			Median	0.00	0.00	0.00	35.50	12.00	0.00	0.00	0.00
			St. Dev.	0.79	0.21	0.37	232.29	44.93	0.70	3.26	0.19
			Sum	34	3	7	11716	2865	24	136	4
		1-Aug-89	Count	299	299	299	299	299	299	299	299
			Mean	0.28	0.04	0.23	76.76	23.33	0.09	2.17	0.02
			Median	0.00	0.00	0.00	20.00	5.00	0.00	0.00	0.00
			St. Dev.	0.76	0.34	0.93	193.81	45.22	0.45	9.70	0.13
			Sum	85	12	69	22951	6976	28	648	5
		2-Aug-89	Count	90	90	90	90	90	90	90	90
			Mean	0.17	0.00	0.12	53.58	19.57	0.12	0.82	0.00
			Median	0.00	0.00	0.00	15.00	6.00	0.00	0.00	0.00
			St. Dev.	0.67	0.00	0.68	213.17	45.68	0.49	2.11	0.00
			Sum	15	0	11	4822	1761	11	74	0
		7-Aug-89	Count	70	70	70	70	70	70	70	70
			Mean	0.13	0.07	0.07	128.83	26.96	0.09	0.26	0.00
			Median	0.00	0.00	0.00	35.00	7.00	0.00	0.00	0.00
			St. Dev.	0.48	0.35	0.35	308.90	79.46	0.33	0.79	0.00
			Sum	9	5	5	9018	1887	6	18	0
		8-Aug-89	Count	27	27	27	27	27	27	27	27
			Mean	1.15	0.00	0.00	145.78	38.89	0.37	0.44	0.00
			Median	0.00	0.00	0.00	45.00	20.00	0.00	0.00	0.00
			St. Dev.	3.23	0.00	0.00	212.01	41.85	0.79	1.09	0.00
			Sum	31	0	0	3936	1050	10	12	0
		9-Aug-89	Count	107	107	107	107	107	107	107	107
			Mean	0.62	0.04	0.15	60.38	37.77	0.26	0.53	0.00
			Median	0.00	0.00	0.00	15.00	13.00	0.00	0.00	0.00
			St. Dev.	1.67	0.19	0.70	104.62	81.19	0.89	1.56	0.00
			Sum	66	4	16	6461	4041	28	57	0
		13-Aug-89	Count	38	38	38	38	38	38	38	38
			Mean	0.68	0.05	0.00	39.13	15.55	0.21	0.29	0.00
			Median	0.00	0.00	0.00	14.00	10.00	0.00	0.00	0.00
			St. Dev.	2.37	0.23	0.00	63.89	20.52	0.53	1.09	0.00
			Sum	26	2	0	1487	591	8	11	0
		14-Aug-89	Count	40	40	40	40	40	40	40	40
			Mean	0.28	0.00	0.03	250.45	56.85	0.10	1.10	0.00
			Median	0.00	0.00	0.00	140.00	40.00	0.00	0.00	0.00
			St. Dev.	0.72	0.00	0.16	360.86	66.36	0.44	2.46	0.00
			Sum	11	0	1	10018	2274	4	44	0
		15-Aug-89	Count	136	136	136	136	136	136	136	136
			Mean	0.36	0.04	0.06	246.64	95.40	1.38	2.26	0.01
			Median	0.00	0.00	0.00	60.00	38.00	0.00	0.00	0.00
			St. Dev.	0.83	0.22	0.38	395.62	204.25	8.71	6.45	0.09
			Sum	49	5	8	33543	12975	188	307	1
		16-Aug-89	Count	123	123	123	123	123	123	123	123
			Mean	0.72	0.03	0.08	125.51	64.42	0.28	2.52	0.00
			Median	0.00	0.00	0.00	32.00	15.00	0.00	0.00	0.00
			St. Dev.	2.12	0.28	0.38	277.67	147.86	0.95	13.18	0.00
			Sum	89	4	10	15438	7924	34	310	0
			Count	50	50	50	50	50	50	50	50
			Mean	0.38	0.00	0.06	56.26	17.26	0.14	1.32	0.00
			Median	0.00	0.00	0.00	15.50	13.00	0.00	0.00	0.00
			St. Dev.	1.05	0.00	0.31	83.25	19.56	0.45	2.42	0.00
			Sum	19	0	3	2813	863	7	66	0

Table 2. Catch Per Set Statistics Compiled From Data Collected During The Johnstone Strait Seine Fishery, (1987 to 1990).  
(cont'd)

Year	Area	Date	CPUE Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum	Coho <sup>a</sup>	Steelhead
1989	Johnston Strait	total Aug	Count	54	54	54	54	54	54	54	54
			Mean	0.11	0.00	0.04	188.09	89.02	0.65	0.37	0.00
			Median	0.00	0.00	0.00	40.00	32.00	0.00	0.00	0.00
			St. Dev.	0.42	0.00	0.27	464.25	209.21	1.14	0.78	0.00
			Sum	6	0	2	10157	4807	35	20	0
		21-Aug-89	Count	117	117	117	117	117	117	117	117
			Mean	0.27	0.03	0.03	38.51	47.18	0.62	0.79	0.00
			Median	0.00	0.00	0.00	10.00	12.00	0.00	0.00	0.00
			St. Dev.	1.02	0.16	0.18	68.41	78.91	1.88	1.61	0.00
			Sum	32	3	4	4506	5520	72	93	0
		22-Aug-89	Count	92	92	92	92	92	92	92	92
			Mean	0.91	0.00	0.00	40.09	63.52	0.48	1.50	0.01
			Median	0.00	0.00	0.00	9.50	24.00	0.00	0.00	0.00
			St. Dev.	3.51	0.00	0.00	86.70	97.66	1.10	3.90	0.10
			Sum	84	0	0	3688	5844	44	138	1
		28-Aug-89	Count	112	112	112	112	112	112	112	112
			Mean	0.13	0.01	0.00	21.95	96.86	3.63	1.88	0.04
			Median	0.00	0.00	0.00	8.00	30.00	1.00	0.00	0.00
			St. Dev.	0.49	0.09	0.00	40.94	154.74	5.72	3.34	0.23
			Sum	14	1	0	2458	10848	407	210	4
		29-Aug-89	Count	105	105	105	105	105	105	105	105
			Mean	0.21	0.01	0.02	12.04	54.19	3.79	3.73	0.01
			Median	0.00	0.00	0.00	6.00	30.00	0.00	0.00	0.00
			St. Dev.	0.65	0.10	0.14	16.69	65.43	6.82	8.15	0.10
			Sum	22	1	2	1264	5690	398	392	1
		31-Aug-89	Count	6	6	6	6	6	6	6	6
			Mean	0.17	0.00	0.00	199.17	69.17	0.33	0.17	0.00
			Median	0.00	0.00	0.00	250.00	60.00	0.00	0.00	0.00
			St. Dev.	0.41	0.00	0.00	98.81	43.18	0.52	0.41	0.00
			Sum	1	0	0	1195	415	2	1	0
		1989	Count	1167	1167	1167	1167	1167	1167	1167	1167
			Mean	0.41	0.02	0.05	94.95	56.98	1.07	1.50	0.01
			Median	0.00	0.00	0.00	17.00	16.00	0.00	0.00	0.00
			St. Dev.	1.59	0.18	0.37	243.82	123.32	4.30	5.80	0.09
			Sum	474	25	62	110804	66490	1254	1753	7
		4-Sep-89	Count	15	15	15	15	15	15	15	15
			Mean	0.27	0.00	0.00	22.67	417.60	16.53	0.93	0.00
			Median	0.00	0.00	0.00	0.00	50.00	0.00	0.00	0.00
			St. Dev.	0.80	0.00	0.00	41.74	621.61	35.02	1.44	0.00
			Sum	4	0	0	340	6264	248	14	0
		5-Sep-89	Count	56	56	56	56	56	56	56	56
			Mean	0.25	0.00	0.04	5.30	190.05	5.75	0.34	0.00
			Median	0.00	0.00	0.00	0.00	33.50	2.00	0.00	0.00
			St. Dev.	0.81	0.00	0.19	15.11	370.47	9.51	0.94	0.00
			Sum	14	0	2	297	10643	322	19	0
		1989	Count	71	71	71	71	71	71	71	71
			Mean	0.25	0.00	0.03	8.97	238.13	8.03	0.46	0.00
			Median	0.00	0.00	0.00	0.00	40.00	2.00	0.00	0.00
			St. Dev.	0.81	0.00	0.17	24.06	440.31	18.33	1.08	0.00
			Sum	18	0	2	637	16907	570	33	0
		11-Sep-89	Count	70	70	70	70	70	70	70	70
			Mean	0.11	0.03	0.06	1.04	78.30	12.54	2.57	0.01
			Median	0.00	0.00	0.00	0.00	25.00	5.00	0.00	0.00
			St. Dev.	0.40	0.17	0.23	3.13	172.32	23.56	6.10	0.12
			Sum	8	2	4	73	5481	878	180	1
		12-Sep-89	Count	56	56	56	56	56	56	56	56
			Mean	0.11	0.05	0.00	0.32	51.41	11.89	4.43	0.04
			Median	0.00	0.00	0.00	0.00	19.50	4.50	0.00	0.00
			St. Dev.	0.45	0.30	0.00	1.18	152.33	19.87	13.16	0.19
			Sum	6	3	0	18	2879	666	248	2
		25-Sep-89	Count	24	24	24	24	24	24	24	24
			Mean	0.00	0.04	0.04	0.00	7.46	71.83	3.17	0.00
			Median	0.00	0.00	0.00	0.00	2.50	31.00	1.00	0.00
			St. Dev.	0.00	0.20	0.20	0.00	10.13	117.15	4.76	0.00
			Sum	0	1	1	0	179	1724	76	0

Table 2. Catch Per Set Statistics Compiled From Data Collected During The Johnstone Strait Seine Fishery, (1987 to 1990).  
(cont'd)

Year	Area	Date	CPUE Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum	Coho <sup>a</sup>	Steelhead	
1989	Johnston Strait Total Chum Fishery	26-Sep-89	Count	57	57	57	57	57	57	57	57	
			Mean	0.02	0.00	0.00	0.00	2.25	53.04	3.28	0.02	
			Median	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	
			St. Dev.	0.13	0.00	0.00	0.00	3.73	134.52	8.17	0.13	
			Sum	1	0	0	0	128	3023	187	1	
		1989 Johnston Strait Total Chum Fishery	Count	207	207	207	207	207	207	207	207	
			Mean	0.07	0.03	0.02	0.44	41.87	30.39	3.34	0.02	
			Median	0.00	0.00	0.00	0.00	6.00	5.00	0.00	0.00	
			St. Dev.	0.34	0.19	0.15	1.96	131.17	85.36	8.94	0.14	
			Sum	15	6	5	91	8667	6291	691	4	
		1989 Johnston Strait Total Chum Fishery	Count	66	66	66	66	66	66	66	66	
			Mean	0.02	0.05	0.06	0.00	0.03	42.71	0.15	0.03	
			Median	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
			St. Dev.	0.12	0.27	0.30	0.00	0.17	145.33	0.56	0.17	
			Sum	1	3	4	0	2	2819	10	2	
		1989 Johnston Strait Total Chum Fishery	Count	66	66	66	66	66	66	66	66	
			Mean	0.02	0.05	0.06	0.00	0.03	42.71	0.15	0.03	
			Median	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
			St. Dev.	0.12	0.27	0.30	0.00	0.17	145.33	0.56	0.17	
			Sum	1	3	4	0	2	2819	10	2	
Year	Area	Date	CPUE Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum	Coho <43cm	Coho >43cm	Steelhead
1990	Johnston Strait Total Chum Fishery	12-Aug-90	Count	24	24	24	24	24	24	24	24	
			Mean	0.63	0.25	0.00	373.63	55.92	2.83	0.21	0.33	0.00
			Median	0.00	0.00	0.00	62.50	25.00	0.00	0.00	0.00	0.00
			St. Dev.	1.66	0.85	0.00	1027.21	87.67	5.72	0.51	0.82	0.00
			Sum	15	6	0	8967	1342	68	5	8	0
		13-Aug-90	Count	115	115	115	115	115	115	115	115	
			Mean	0.44	0.04	0.05	123.50	45.08	1.09	0.13	0.27	0.02
			Median	0.00	0.00	0.00	75.00	20.00	0.00	0.00	0.00	0.00
			St. Dev.	0.85	0.20	0.26	162.55	71.88	2.08	0.50	0.65	0.13
			Sum	51	5	6	14203	5184	125	15	31	2
		14-Aug-90	Count	22	22	22	22	22	22	22	22	
			Mean	0.23	0.14	0.00	69.91	53.32	0.64	0.23	0.41	0.00
			Median	0.00	0.00	0.00	17.50	32.50	0.00	0.00	0.00	0.00
			St. Dev.	0.43	0.47	0.00	124.88	71.50	1.05	0.61	0.67	0.00
			Sum	5	3	0	1538	1173	14	5	9	0
		19-Aug-90	Count	31	31	31	31	31	31	31	31	
			Mean	0.42	0.03	0.06	90.84	41.19	1.52	0.10	0.06	0.00
			Median	0.00	0.00	0.00	50.00	15.00	0.00	0.00	0.00	0.00
			St. Dev.	1.06	0.18	0.25	130.90	68.35	1.93	0.30	0.25	0.00
			Sum	13	1	2	2816	1277	47	3	2	0
		20-Aug-90	Count	128	128	128	128	128	128	128	128	
			Mean	0.30	0.02	0.06	79.57	9.21	1.21	0.02	0.24	0.00
			Median	0.00	0.00	0.00	21.50	3.00	0.00	0.00	0.00	0.00
			St. Dev.	0.94	0.20	0.30	162.86	15.98	3.18	0.15	0.72	0.00
			Sum	39	3	8	10185	1179	155	3	31	0
		21-Aug-90	Count	70	70	70	70	70	70	70	70	
			Mean	0.11	0.09	0.00	68.36	7.16	0.36	0.00	0.09	0.00
			Median	0.00	0.00	0.00	20.00	5.00	0.00	0.00	0.00	0.00
			St. Dev.	0.36	0.33	0.00	109.62	9.11	0.70	0.00	0.28	0.00
			Sum	8	6	0	4785	501	25	0	6	0
		26-Aug-90	Count	26	26	26	26	26	26	26	26	
			Mean	0.65	0.23	0.12	125.12	33.62	0.92	0.00	0.46	0.00
			Median	0.00	0.00	0.00	27.50	8.50	0.00	0.00	0.00	0.00
			St. Dev.	1.29	0.65	0.43	194.28	69.33	1.32	0.00	1.24	0.00
			Sum	17	6	3	3253	874	24	0	12	0
		27-Aug-90	Count	93	93	93	93	93	93	93	93	
			Mean	0.30	0.11	0.04	60.05	8.14	0.26	0.06	0.28	0.00
			Median	0.00	0.00	0.00	10.00	4.00	0.00	0.00	0.00	0.00
			St. Dev.	0.91	0.37	0.33	172.99	13.15	0.72	0.29	0.76	0.00
			Sum	28	10	4	5585	757	24	6	26	0
		28-Aug-90	Count	106	106	106	106	106	106	106	106	
			Mean	0.38	0.10	0.05	78.52	4.84	0.58	0.00	0.30	0.00
			Median	0.00	0.00	0.00	10.00	2.00	0.00	0.00	0.00	0.00
			St. Dev.	1.02	0.36	0.25	325.21	7.65	1.12	0.00	0.65	0.00
			Sum	40	11	5	8323	513	62	0	32	0

Table 2. Catch Per Set Statistics Compiled From Data Collected During The Johnstone Strait Seine Fishery, (1987 to 1990).  
(cont'd)

Year	Area	Date	CPUE Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum	Coho <43cm	Coho >43cm	Steelhead
1990	Johnston	total Aug Strait Total	Count Mean Median St. Dev. Sum	70	70	70	70	70	70	70	70	70
				0.11	0.11	0.00	15.74	6.09	0.60	0.10	0.26	0.00
				0.00	0.00	0.00	4.50	1.00	0.00	0.00	0.00	0.00
				0.36	0.36	0.00	27.42	14.68	1.20	0.39	0.67	0.00
				8	8	0	1102	426	42	7	18	0
				685	685	685	685	685	685	685	685	685
1990	Johnston	total Sep Strait Total	Count Mean Median St. Dev. Sum	0.33	0.09	0.04	88.70	19.31	0.86	0.06	0.26	0.00
				0.00	0.00	0.00	18.00	5.00	0.00	0.00	0.00	0.00
				0.90	0.36	0.25	269.84	45.76	2.17	0.32	0.68	0.05
				224	59	28	60757	13226	586	44	175	2
				19	19	19	19	19	19	19	19	19
				0.16	0.00	0.00	21.32	26.16	2.42	0.00	0.58	0.00
1990	Johnston	total Sep Strait Total	Count Mean Median St. Dev. Sum	0.00	0.00	0.00	5.00	20.00	1.00	0.00	0.00	0.00
				0.37	0.00	0.00	30.75	37.83	3.27	0.00	1.12	0.00
				3	0	0	405	497	46	0	11	0
				65	65	65	65	65	65	65	65	65
				0.14	0.08	0.02	24.74	7.03	1.82	0.05	0.23	0.02
				0.00	0.00	0.00	15.00	2.00	1.00	0.00	0.00	0.00
1990	Johnston	total Sep Strait Total	Count Mean Median St. Dev. Sum	0.43	0.32	0.12	31.97	11.52	2.38	0.37	0.68	0.12
				9	5	1	1608	457	118	3	15	1
				84	84	84	84	84	84	84	84	84
				0.14	0.06	0.01	23.96	11.36	1.95	0.04	0.31	0.01
				0.00	0.00	0.00	12.00	4.50	1.00	0.00	0.00	0.00
				0.41	0.28	0.11	31.55	21.85	2.60	0.33	0.81	0.11
1990	Johnston	total Sep Strait Total	Count Mean Median St. Dev. Sum	12	5	1	2013	954	164	3	26	1

\* - Coho Catch includes juveniles plus adults.

Note: This table represents the Sockeye Fishery unless otherwise entitled.

Table 3. Catch Per Set Statistics Compiled from Data collected During the Sabine Channel Area 16 Seine Fishery, (1987 &amp; 1990).

Year	Area	Date	CPUE Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum	Coho <sup>4</sup>	Steelhead	
1987	Sabine Channel	16-Aug-87	Count	6	6	6	6	6	6	6	6	
			Mean	0.67	0.17	0.00	36.00	10.33	0.00	0.17	0.00	
			Median	0.00	0.00	0.00	31.50	8.50	0.00	0.00	0.00	
			St. Dev.	1.21	0.41	0.00	28.36	8.69	0.00	0.41	0.00	
			Sum	4	1	0	216	62	0	1	0	
		17-Aug-87	Count	24	24	24	24	24	24	24	24	
			Mean	0.04	0.00	0.33	76.13	15.88	0.00	0.21	0.00	
			Median	0.00	0.00	0.00	87.50	12.50	0.00	0.00	0.00	
			St. Dev.	0.20	0.00	0.64	53.05	17.76	0.00	0.51	0.00	
			Sum	1	0	8	1827	381	0	5	0	
1987	Sabine total Aug Channel		Count	30	30	30	30	30	30	30	30	
			Mean	0.17	0.03	0.27	68.10	14.77	0.00	0.20	0.00	
			Median	0.00	0.00	0.00	67.50	12.00	0.00	0.00	0.00	
			St. Dev.	0.59	0.18	0.58	51.36	16.38	0.00	0.48	0.00	
			Sum	5	1	8	2043	443	0	6	0	
Year	Area	Date	CPUE Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum	Coho <43cm	Coho >43cm	Steelhead
1990	Sabine Channel	2-Sep-90	Count	21	21	21	21	21	21	21	21	
			Mean	0.19	0.29	0.19	6.14	0.00	0.14	0.14	0.38	0.00
			Median	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00
			St. Dev.	0.51	0.64	0.51	7.64	0.00	0.36	0.36	0.80	0.00
			Sum	4	6	4	129	0	3	3	8	0
		3-Sep-90	Count	48	48	48	48	48	48	48	48	
			Mean	0.06	0.40	0.42	9.54	0.00	0.04	0.08	0.38	0.02
			Median	0.00	0.00	0.00	7.00	0.00	0.00	0.00	0.00	0.00
			St. Dev.	0.24	0.84	0.90	8.58	0.00	0.20	0.28	0.67	0.14
			Sum	3	19	20	458	0	2	4	18	1
1990	Sabine total Sep Channel		Count	69	69	69	69	69	69	69	69	
			Mean	0.10	0.36	0.35	8.51	0.00	0.07	0.10	0.38	0.01
			Median	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00
			St. Dev.	0.35	0.79	0.80	8.40	0.00	0.26	0.30	0.71	0.12
			Sum	7	25	24	587	0	5	7	26	1

<sup>4</sup> - Coho Catch includes juveniles plus adults.

Note: This table represents the Sockeye Fishery unless otherwise entitled.

Table 4. Catch Per Set Statistics Compiled From Data Collected During The San Juan Area 20 Seine Fishery, (1987 to 1990).

Year	Area	Date	CPUE Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum		Coho <sup>1</sup>	Steelhead
1987	San Juan	10-Aug-87	Count	29	29	29	29	29	29		29	29
			Mean	0.17	0.00	0.28	87.76	13.66	0.00		6.48	0.00
			Median	0.00	0.00	0.00	50.00	8.00	0.00		3.00	0.00
			St. Dev.	0.54	0.00	0.70	90.35	17.81	0.00		9.96	0.00
			Sum	5	0	8	2545	396	0		188	0
		11-Aug-87	Count	13	13	13	13	13	13		13	13
			Mean	0.538462	0.307692	1.076923	288.4615	125.7692	0		30.53846	0.076923
			Median	1	0	0	150	100	0		20	0
			St. Dev.	0.518875	0.630425	1.38212	315.5312	143.2923	0		28.71589	0.27735
			Sum	7	4	14	3750	1635	0		397	1
		22-Aug-87	Count	37	37	37	37	37	37		37	37
			Mean	0.648649	0.135135	0.45946	132.3513	78.27027	0		4.486486	0.027027
			Median	1	0	0	80	50	0		2	0
			St. Dev.	0.82382	0.419137	1.386334	122.2823	84.84811	0		5.485444	0.164399
			Sum	24	5	17	4897	2896	0		166	1
		23-Aug-87	Count	30	30	30	30	30	30		30	30
			Mean	1.066667	0.233333	0.833333	58.7	89.9	0.3		6.1	0
			Median	0	0	0	31.5	40	0		2	0
			St. Dev.	1.680175	0.678911	1.176885	69.34927	115.6855	0.952311		10.24981	0
			Sum	32	7	25	1761	2697	9		183	0
		24-Aug-87	Count	2	2	2	2	2	2		2	2
			Mean	2.00	0.00	0.00	6.50	85.50	0.00		3.00	0.00
			Median	2.00	0.00	0.00	6.50	85.50	0.00		3.00	0.00
			St. Dev.	0.00	0.00	0.00	4.95	91.22	0.00		1.41	0.00
			Sum	4	0	0	13	171	0		6	0
		1987 San Juan total Aug	Count	111	111	111	111	111	111		111	111
			Mean	0.65	0.14	0.58	116.81	70.23	0.08		8.47	0.02
			Median	0.00	0.00	0.00	61.00	31.00	0.00		3.00	0.00
			St. Dev.	1.10	0.48	1.19	155.01	98.08	0.51		14.79	0.13
			Sum	72	16	64	12966	7795	9		940	2
		2-Sep-87	Count	23	23	23	23	23	23		23	23
			Mean	0.83	0.09	0.43	4.17	45.52	0.87		17.83	0.00
			Median	1.00	0.00	0.00	2.00	40.00	0.00		18.00	0.00
			St. Dev.	0.94	0.29	0.99	6.75	25.75	3.76		11.46	0.00
			Sum	19	2	10	96	1047	20		410	0
		1987 San Juan total Sep	Count	23	23	23	23	23	23		23	23
			Mean	0.83	0.09	0.43	4.17	45.52	0.87		17.83	0.00
			Median	1.00	0.00	0.00	2.00	40.00	0.00		18.00	0.00
			St. Dev.	0.94	0.29	0.99	6.75	25.75	3.76		11.46	0.00
			Sum	19	2	10	96	1047	20		410	0
		Coho Fishery 27-Sep-87	Count	21	21	21	21	21	21		21	21
			Mean	0.10	0.05	0.19	0.05	1.43	5.19		65.95	0.33
			Median	0.00	0.00	0.00	0.00	0.00	3.00		50.00	0.00
			St. Dev.	0.30	0.22	0.51	0.22	3.36	5.15		44.54	0.58
			Sum	2	1	4	1	30	109		1385	7
		1987 San Juan total Sep Coho Fishery	Count	21	21	21	21	21	21		21	21
			Mean	0.10	0.05	0.19	0.05	1.43	5.19		65.95	0.33
			Median	0.00	0.00	0.00	0.00	0.00	3.00		50.00	0.00
			St. Dev.	0.30	0.22	0.51	0.22	3.36	5.15		44.54	0.58
			Sum	2	1	4	1	30	109		1385	7
		10-Aug-88	Count	24	24	24	24	24	24		24	24
			Mean	1.58	2.50	0.88	37.46	0.38	0.00		2.42	0.04
			Median	1.00	2.00	0.00	35.00	0.00	0.00		0.00	0.00
			St. Dev.	2.32	2.28	2.03	29.80	0.97	0.00		3.86	0.20
			Sum	38	60	21	899	9	0		58	1
		11-Aug-88	Count	12	12	12	12	12	12		12	12
			Mean	2.50	0.42	1.75	39.50	0.00	0.00		3.67	0.00
			Median	2.00	0.00	0.50	30.00	0.00	0.00		2.00	0.00
			St. Dev.	3.03	0.90	3.67	34.55	0.00	0.00		4.46	0.00
			Sum	30	5	21	474	0	0		44	0
		12-Aug-88	Count	32	32	32	32	32	32		32	32
			Mean	1.44	0.59	1.06	27.88	0.00	0.03		2.81	0.03
			Median	0.50	0.00	0.00	22.50	0.00	0.00		2.00	0.00
			St. Dev.	3.39	1.10	1.58	20.55	0.00	0.18		2.80	0.18
			Sum	46	19	34	892	0	1		90	1

Table 4. Catch Per Set Statistics Compiled From Data Collected During The San Juan Area 20 Seine Fishery, (1987 to 1990).  
(cont'd)

Year	Area	Date	CPUE Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum	Coho <sup>a</sup>	Steelhead
1988	San Juan	total Aug	Count	36	36	36	36	36	36	36	36
			Mean	0.75	1.08	2.17	19.78	0.00	0.03	9.72	0.03
			Median	0.00	0.00	1.00	8.50	0.00	0.00	5.00	0.00
			St. Dev.	1.63	2.39	3.44	22.66	0.00	0.17	9.79	0.17
			Sum	27	39	78	712	0	1	350	1
		17-Aug-88	Count	25	25	25	25	25	25	25	25
			Mean	0.32	0.88	7.28	32.52	0.04	0.00	8.52	0.08
			Median	0.00	0.00	2.00	7.00	0.00	0.00	10.00	0.00
			St. Dev.	0.48	1.56	16.72	41.40	0.20	0.00	7.29	0.28
			Sum	8	22	182	813	1	0	213	2
		18-Aug-88	Count	28	28	28	28	28	28	28	28
			Mean	1.00	4.21	3.96	21.11	0.00	0.11	4.46	0.04
			Median	1.00	0.50	0.00	19.00	0.00	0.00	3.00	0.00
			St. Dev.	1.22	7.96	6.56	15.80	0.00	0.31	4.15	0.19
			Sum	28	118	111	591	0	3	125	1
		22-Aug-88	Count	157	157	157	157	157	157	157	157
			Mean	1.13	1.68	2.85	27.90	0.06	0.03	5.61	0.04
			Median	0.00	0.00	1.00	21.00	0.00	0.00	3.00	0.00
			St. Dev.	2.22	3.94	7.74	27.79	0.40	0.18	6.84	0.19
			Sum	177	263	447	4381	10	5	880	6
		1989	Count	27	27	27	27	27	27	27	27
			Mean	1.59	2.30	0.52	24.70	68.67	0.00	70.78	0.04
			Median	1.00	1.00	0.00	12.00	25.00	0.00	40.00	0.00
			St. Dev.	2.17	3.29	1.12	29.40	126.43	0.00	85.29	0.19
			Sum	43	62	14	667	1854	0	1911	1
		31-Jul-89	Count	30	30	30	30	30	30	30	30
			Mean	1.83	2.73	1.60	73.43	6.57	0.07	31.37	0.00
			Median	1.00	2.00	1.00	45.00	5.00	0.00	22.50	0.00
			St. Dev.	1.84	2.92	2.37	67.27	8.77	0.37	32.75	0.00
			Sum	55	82	48	2203	197	2	941	0
		1989	Count	57	57	57	57	57	57	57	57
			Mean	1.72	2.53	1.09	50.35	35.98	0.04	50.04	0.02
			Median	1.00	1.00	0.00	30.00	8.00	0.00	30.00	0.00
			St. Dev.	1.99	3.08	1.95	57.86	91.87	0.26	65.78	0.13
			Sum	98	144	62	2870	2051	2	2852	1
		1-Aug-89	Count	39	39	39	39	39	39	39	39
			Mean	1.36	1.44	1.51	211.08	8.77	0.08	28.97	0.08
			Median	1.00	1.00	1.00	170.00	8.00	0.00	25.00	0.00
			St. Dev.	2.06	1.64	2.04	131.65	9.65	0.27	18.66	0.27
			Sum	53	56	59	8232	342	3	1130	3
		8-Aug-89	Count	18	18	18	18	18	18	18	18
			Mean	0.44	0.83	0.56	344.44	13.78	0.00	12.83	0.00
			Median	0.00	0.00	0.00	212.50	12.50	0.00	10.00	0.00
			St. Dev.	0.86	1.79	0.92	365.38	8.63	0.00	11.23	0.00
			Sum	8	15	10	6200	248	0	231	0
		9-Aug-89	Count	32	32	32	32	32	32	32	32
			Mean	1.88	1.41	1.47	251.88	38.00	0.06	13.41	0.03
			Median	1.00	1.00	0.50	165.00	25.00	0.00	10.00	0.00
			St. Dev.	1.72	1.78	3.31	316.58	38.59	0.25	13.55	0.18
			Sum	60	45	47	8060	1216	2	429	1
		14-Aug-89	Count	44	44	44	44	44	44	44	44
			Mean	1.48	1.18	1.09	101.43	22.16	0.07	16.98	0.05
			Median	1.00	0.00	0.00	72.50	16.50	0.00	11.50	0.00
			St. Dev.	1.56	2.36	2.02	90.62	22.31	0.25	16.73	0.21
			Sum	65	52	48	4463	975	3	747	2
		15-Aug-89	Count	44	44	44	44	44	44	44	44
			Mean	0.59	0.50	0.61	66.30	14.00	0.02	5.00	0.05
			Median	0.00	0.00	0.00	34.00	8.00	0.00	3.50	0.00
			St. Dev.	0.87	1.21	1.37	92.72	18.28	0.15	5.51	0.21
			Sum	26	22	27	2917	616	1	220	2
		16-Aug-89	Count	38	38	38	38	38	38	38	38
			Mean	0.89	0.50	0.16	183.87	11.21	0.00	2.87	0.08
			Median	0.00	0.00	0.00	128.50	9.00	0.00	2.00	0.00
			St. Dev.	1.62	0.76	0.55	166.12	11.55	0.00	3.22	0.27
			Sum	34	19	6	6987	426	0	109	3

Table 4. Catch Per Set Statistics Compiled From Data Collected During The San Juan Area 20 Seine Fishery, (1987 to 1990).  
(cont'd)

Year	Area	Date	CPUE Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum	Coho*	Steelhead
1989	San Juan	Aug	17-Aug-89	Count	30	30	30	30	30	30	30
				Mean	1.27	0.33	0.53	486.67	9.37	0.03	3.30
				Median	1.00	0.00	0.00	198.50	5.00	0.00	0.00
				St. Dev.	1.68	0.99	1.11	919.64	12.03	0.18	5.53
				Sum	38	10	16	14600	281	1	99
			20-Aug-89	Count	27	27	27	27	27	27	27
				Mean	1.59	0.52	0.44	170.44	32.11	0.04	12.70
				Median	1.00	0.00	0.00	175.00	25.00	0.00	10.00
				St. Dev.	1.67	1.63	1.09	150.37	29.69	0.19	10.01
				Sum	43	14	12	4602	867	1	343
			21-Aug-89	Count	22	22	22	22	22	22	22
				Mean	0.86	0.50	0.32	161.91	29.95	0.05	11.73
				Median	1.00	0.00	0.00	71.00	20.00	0.00	5.00
				St. Dev.	1.04	0.60	0.84	195.63	34.05	0.21	18.94
				Sum	19	11	7	3562	659	1	258
			22-Aug-89	Count	69	69	69	69	69	69	69
				Mean	0.61	0.14	0.20	238.19	98.68	1.96	8.32
				Median	0.00	0.00	0.00	100.00	50.00	0.00	3.00
				St. Dev.	0.99	0.43	0.50	388.75	139.37	12.24	13.34
				Sum	42	10	14	16435	6809	135	574
			27-Aug-89	Count	45	45	45	45	45	45	45
				Mean	0.24	0.04	0.07	82.87	136.80	0.31	4.18
				Median	0.00	0.00	0.00	55.00	93.00	0.00	3.00
				St. Dev.	0.61	0.21	0.25	95.81	185.55	0.97	5.56
				Sum	11	2	3	3729	6156	14	188
			28-Aug-89	Count	68	68	68	68	68	68	68
				Mean	0.57	0.18	0.07	33.71	169.78	0.93	3.72
				Median	0.00	0.00	0.00	20.00	54.50	0.00	2.00
				St. Dev.	0.82	0.52	0.26	42.28	213.98	1.68	5.10
				Sum	39	12	5	2292	11545	63	253
			29-Aug-89	Count	40	40	40	40	40	40	40
				Mean	0.73	0.15	0.15	42.28	465.18	3.00	3.90
				Median	1.00	0.00	0.00	25.50	124.00	0.00	2.00
				St. Dev.	0.99	0.53	0.36	40.65	608.97	11.98	5.88
				Sum	29	6	6	1691	18607	120	156
			1989 San Juan total Aug	Count	516	516	516	516	516	516	516
				Mean	0.91	0.53	0.50	162.35	94.47	0.67	9.18
				Median	0.00	0.00	0.00	70.00	25.00	0.00	5.00
				St. Dev.	1.36	1.28	1.40	316.64	233.89	5.66	13.16
				Sum	467	274	260	83770	48747	344	4737
			5-Sep-89	Count	30	30	30	30	30	30	30
				Mean	0.33	0.10	0.17	10.17	349.33	3.63	44.50
				Median	0.00	0.00	0.00	10.00	197.50	1.00	45.00
				St. Dev.	0.71	0.31	0.38	8.14	506.51	5.26	34.25
				Sum	10	3	5	305	10480	109	1335
			1989 San Juan total Sep	Count	30	30	30	30	30	30	30
				Mean	0.33	0.10	0.17	10.17	349.33	3.63	44.50
				Median	0.00	0.00	0.00	10.00	197.50	1.00	45.00
				St. Dev.	0.71	0.31	0.38	8.14	506.51	5.26	34.25
				Sum	10	3	5	305	10480	109	1335
			11-Sep-89	Count	45	45	45	45	45	45	45
				Mean	0.33	0.38	0.31	2.89	141.53	6.27	50.24
				Median	0.00	0.00	0.00	0.00	110.00	5.00	25.00
				St. Dev.	0.48	0.72	0.63	4.31	122.83	6.69	60.10
				Sum	15	17	14	130	6369	282	2261
			25-Sep-89	Count	20	20	20	20	20	20	20
				Mean	0.05	0.15	0.30	0.00	10.85	41.50	13.50
				Median	0.00	0.00	0.00	0.00	9.00	32.50	10.00
				St. Dev.	0.22	0.37	0.66	0.00	8.37	26.86	19.35
				Sum	1	3	6	0	217	830	270
			1989 San Juan total Sep Chum Fishery	Count	65	65	65	65	65	65	65
				Mean	0.25	0.31	0.31	2.00	101.32	17.11	38.94
				Median	0.00	0.00	0.00	0.00	50.00	10.00	20.00
				St. Dev.	0.43	0.64	0.64	3.82	118.70	22.66	53.73
				Sum	16	20	20	130	6586	1112	2531

Table 4. Catch Per Set Statistics Compiled From Data Collected During The San Juan Area 20 Seine Fishery, (1987 to 1990).  
(cont'd)

Year	Area	Date	CPUE Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum	Coho <43cm	Coho >43cm	Steelhead
1990	San Juan	total Aug	Chum Fishery	Count	37	37	37	37	37	37	37	37
				Mean	0.76	0.27	1.81	469.95	0.38	0.32	2.68	1.27
				Median	0.00	0.00	0.00	250.00	0.00	0.00	0.00	0.00
				St. Dev.	1.86	1.02	3.63	805.28	1.42	1.40	3.88	3.14
				Sum	28	10	67	17388	14	12	99	47
				Count	59	59	59	59	59	59	59	59
				Mean	0.69	0.54	2.31	597.56	1.19	2.20	0.56	2.83
				Median	0.00	0.00	1.00	210.00	0.00	0.00	0.00	1.00
				St. Dev.	1.56	1.04	5.16	1348.83	5.60	13.86	1.50	4.78
				Sum	41	32	136	35256	70	130	33	167
				Count	34	34	34	34	34	34	34	34
				Mean	1.29	0.85	0.97	276.26	1.44	0.12	3.26	8.41
				Median	0.00	0.00	0.00	72.00	0.00	0.00	0.00	1.00
				St. Dev.	4.41	2.11	1.93	428.31	7.72	0.54	12.31	33.49
				Sum	44	29	33	9393	49	4	111	286
				Count	60	60	60	60	60	60	60	60
				Mean	0.35	0.17	0.57	434.88	0.32	0.27	1.53	2.13
				Median	0.00	0.00	0.00	262.50	0.00	0.00	0.00	0.00
				St. Dev.	0.58	0.59	1.13	626.42	1.97	0.78	7.17	6.73
				Sum	21	10	34	26093	19	16	92	128
				Count	55	55	55	55	55	55	55	55
				Mean	0.62	0.16	0.33	615.33	0.05	0.13	0.31	1.35
				Median	0.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00
				St. Dev.	0.95	0.42	0.86	950.39	0.30	0.58	1.45	3.00
				Sum	34	9	18	33843	3	7	17	74
				Count	52	52	52	52	52	52	52	52
				Mean	1.21	0.65	0.54	71.33	0.04	0.04	0.83	4.44
				Median	0.00	0.00	0.00	38.50	0.00	0.00	0.00	2.00
				St. Dev.	2.20	1.79	0.98	92.87	0.19	0.19	2.52	6.05
				Sum	63	34	28	3709	2	2	43	231
				Count	60	60	60	60	60	60	60	60
				Mean	0.67	0.68	1.68	52.72	0.02	0.08	0.65	5.53
				Median	0.00	0.00	0.00	23.50	0.00	0.00	0.00	3.50
				St. Dev.	1.56	2.08	3.34	78.83	0.13	0.33	2.39	6.88
				Sum	40	41	101	3163	1	5	39	332
				Count	357	357	357	357	357	357	357	357
				Mean	0.76	0.46	1.17	360.91	0.44	0.49	1.22	3.54
				Median	0.00	0.00	0.00	125.00	0.00	0.00	0.00	1.00
				St. Dev.	1.98	1.42	2.98	796.04	3.43	5.68	5.25	11.64
				Sum	271	165	417	128845	158	176	434	1265

\* - Coho Catch includes juveniles plus adults.

Note: This table represents the Sockeye Fishery unless otherwise entitled.

**Table 5. Area 12,13, Johnstone Strait, Catch Bootstrap Estimates and Sales Slip Data (1987-1990).**

Year	Stat Week	Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum	Coho <43cm	Coho >43cm	Steelhead
1990	8/2 Aug 12-14	Catch Est <sup>1</sup>	2,646	578	181	905,076	268,144	7,782	985	1,666	74
		Lower CL <sup>2</sup>	1,387	95	0	507,437	167,238	4,209	250	892	0
		Upper CL <sup>2</sup>	4,345	1,266	614	1,451,770	410,451	14,669	2,060	2,616	246
		Sales Slip <sup>3</sup>	4,074	655	586,700	1,969,928	9,794			13,378	3
	8/3 Aug 19-21	Catch Est	1,436	368	240	487,763	78,373	5,632	143	881	0
		Lower CL	714	41	17	295,555	47,355	3,244	0	320	0
		Upper CL	2,771	1,018	670	748,519	124,692	9,268	460	1,728	0
		Sales Slip	3,440	316	637,774	371,035	8,525			6,821	6
	8/4 Aug 26-29	Catch Est	3,074	1,133	373	568,186	79,629	4,354	542	2,923	0
		Lower CL	1,675	539	30	292,419	49,822	2,672	40	1,714	0
		Upper CL	4,970	2,069	1,167	1,083,916	114,678	6,510	1,130	4,552	0
		Sales Slip	3,456	479	652,265	88,914	9,078			7,785	10
	9/1 Sept 2-3	Catch Est	430	239	31	79,311	120,761	5,519	93	1,117	30
		Lower CL	43	0	0	42,545	11,991	3,116	0	317	0
		Upper CL	1,100	694	164	137,715	541,554	8,483	500	2,618	206
		Sales Slip	1,119	210	60,842	28,155	9,030			8,557	2
1990	Total for Year	Catch Est	7,586	2,318	826	2,040,337	546,908	23,286	1,760	6,588	104
		Lower CL	5,486	1,432	320	1,479,447	345,406	16,332	790	4,651	0
		Upper CL	10,726	3,712	1,601	2,765,571	936,257	31,938	2,990	8,925	336
		Sales Slip	12,089	1,660	1,937,581	2,458,032	36,427			36,541	21

Year	Stat Week	Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum	Coho <sup>4</sup>	Steelhead
1989	7/3 Jul 16-17	Catch Est	443	44	838	30,580	5,271	0	1,727	17
		Lower CL	61	0	81	12,270	2,031	0	924	0
		Upper CL	974	159	2,251	63,430	11,194	0	3,357	119
		Sales Slip	451	70		26,426	6,687	73	1,518	6
	7/4 Jul 23-24	Catch Est	240	159	82	89,946	36,058	0	2,771	0
		Lower CL	60	0	5	33,029	15,795	0	717	0
		Upper CL	588	730	270	206,360	65,340	0	9,154	0
		Sales Slip	621	55		87,689	75,750	1,307	2,372	4
	7/5 Jul 30 - Aug 2	Catch Est	1,060	227	597	626,059	154,422	779	9,627	45
		Lower CL	527	0	110	353,059	98,979	314	4,949	0
		Upper CL	1,672	654	1,269	1,002,779	259,098	1,579	16,407	120
		Sales Slip	2,025	455		544,174	215,435	1,587	5,847	12
	8/1 Aug 7-9	Catch Est	5,081	383	691	555,216	229,805	2,106	5,385	0
		Lower CL	1,766	21	97	377,823	162,224	730	2,738	0
		Upper CL	10,234	1,149	1,672	744,228	338,504	4,047	9,647	0
		Sales Slip	5,439	555		599,423	272,664	2,447	6,072	20
	8/2 Aug 13-16	Catch Est	4,901	196	579	1,703,639	798,266	9,567	31,476	16
		Lower CL	2,911	0	88	1,215,357	481,806	1,896	13,541	0
		Upper CL	7,688	574	1,319	2,285,338	1,372,325	32,965	63,815	77
		Sales Slip	5,323	1,463		1,571,968	491,463	2,934	11,056	17
	8/3 Aug 20-22	Catch Est	4,494	121	259	560,759	574,073	6,036	9,064	27
		Lower CL	1,420	0	0	357,855	413,755	3,348	5,587	0
		Upper CL	10,321	409	1,132	866,922	768,954	10,448	12,887	170
		Sales Slip	4,006	337		507,908	642,767	5,237	8,343	4
	8/4 Aug 27-29	Catch Est	840	35	47	72,452	303,463	20,230	14,788	249
		Lower CL	190	0	0	44,832	201,173	12,608	9,128	0
		Upper CL	1,809	134	212	110,652	434,883	32,231	22,595	768
		Sales Slip	1,690	212		155,500	623,752	8,706	6,555	4
	9/1 Sept 4-5	Catch Est	664	0	65	22,304	639,444	16,572	1,160	0
		Lower CL	30	0	0	6,149	256,105	7,551	332	0
		Upper CL	1,725	0	234	51,386	1,266,327	28,511	2,529	0
		Sales Slip	1,180	173		45,869	990,300	30,649	7,668	15
1989	Total for Year	Catch Est	17,723	1,165	3,158	3,660,954	2,740,802	55,289	75,999	354
		Lower CL	12,317	327	1,636	2,000,000	2,000,000	38,590	54,313	41
		Upper CL	25,819	2,060	4,863	4,482,125	3,485,799	83,298	112,567	865
		Sales Slip	20,735	3,320		3,538,957	3,318,818	52,940	49,431	82

**Table 5. Area 12,13, Johnstone Strait, Catch Bootstrap Estimates and Sales Slip Data (1987-1990).  
(cont'd)**

Year	Stat Week	Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum	Coho <sup>a</sup>	Steelhead
1989 "Chum Fishery"	9/2	Catch Est	468	172	127	3,203	284,828	58,221	16,443	84
	Sep 11-12	Lower CL	60	0	0	671	123,410	26,047	5,485	0
		Upper CL	1,307	550	521	8,823	529,661	93,380	31,248	326
		Sales Slip	983	307		11,982	683,459	84,498	11,491	7
	9/4	Catch Est	96	39	39	0	16,195	241,756	12,620	36
	Sep 25	Lower CL	0	0	0	0	7,380	89,980	4,890	0
		Upper CL	508	218	189	0	32,054	513,244	23,316	232
		Sales Slip	248	110		76	28,361	152,868	15,206	8
	10/4	Catch Est	34	87	133	0	64	88,077	415	60
	Oct 23	Lower CL	0	0	0	0	0	14,428	0	0
		Upper CL	195	451	458	0	224	302,718	1,353	215
		Sales Slip	80	97		0	3	117,039	1,960	3
1989 "Chum Fishery"	Total for Year	Catch Est	598	298	298	3,203	301,087	388,054	29,478	180
		Lower CL	66	14	34	671	136,057	209,450	14,974	0
		Upper CL	1,458	693	756	8,823	548,315	692,957	47,549	499
		Sales Slip	1,311	514		12,058	711,823	354,405	28,657	18
1988	7/5 Jul 24-25	Catch Est	22	0	0	4,473	3,324	26	87	2
		Lower CL	0	0	0	1,041	1,439	0	0	0
		Upper CL	94	0	0	9,406	6,504	137	377	14
		Sales Slip	33	11		626	44,433	3,031	248	3
	8/2 Aug 8-10	Catch Est	885	903	788	56,537	82,971	2,711	3,560	15
		Lower CL	405	186	326	28,805	51,159	811	2,005	0
		Upper CL	1,681	2,394	1,433	99,267	131,740	6,614	6,427	101
		Sales Slip	1,348	647		47,297	598,947	11,068	18,401	22
	8/3 Aug 14-16	Catch Est	3,806	805	2,336	32,302	76,062	3,979	9,604	135
		Lower CL	909	285	893	16,416	41,780	1,462	6,418	0
		Upper CL	8,963	1,658	4,869	65,178	143,043	7,812	14,830	468
		Sales Slip	1,277	760		26,976	137,239	5,346	14,749	6
	8/4 Aug 21-22	Catch Est	1,108	324	769	10,222	11,942	2,929	4,618	0
		Lower CL	411	82	339	5,491	6,952	1,121	2,979	0
		Upper CL	2,216	960	1,427	15,495	17,535	6,964	7,072	0
		Sales Slip	1,639	851		16,010	15,808	4,270	9,723	3
	Total for Year	Catch Est	5,821	2,033	3,893	103,534	174,299	9,646	17,869	152
		Lower CL	2,544	943	2,205	67,019	123,364	5,536	13,485	0
		Upper CL	11,282	3,581	6,574	156,470	251,766	16,897	24,554	491
		Sales Slip	4,297	2,269		90,909	796,427	23,715	43,121	34
1988 "Chum Fishery"	9/3 Sep 14-15	Catch Est	304	89	143	33	992	11,836	2,791	16
		Lower CL	79	2	37	0	504	4,515	1,086	0
		Upper CL	670	273	312	97	1,582	24,609	5,593	65
		Sales Slip	413	94		759	5,704	18,331	6,448	2
	10/1 Sep 26-27	Catch Est	1,129	1,245	437	21	1,751	151,766	34,455	21
		Lower CL	8	73	30	0	716	54,451	13,738	0
		Upper CL	5,178	4,202	1,154	118	3,321	240,724	94,422	113
		Sales Slip	170	518		12	4,577	153,502	10,369	14
1988 "Chum Fishery"	10/3 Oct 13-14	Catch Est	107	368	1,335	1,994	1,861	648,187	9,656	0
		Lower CL	0	0	223	0	223	272,911	1,335	0
		Upper CL	551	1,263	3,961	10,143	6,632	1,243,164	22,898	0
		Sales Slip	40	343		11	693	399,869	2,040	6
	Total for Year	Catch Est	1,540	1,702	1,914	2,048	4,604	811,789	46,902	38
1988 "Chum Fishery"		Lower CL	192	293	455	6	2,502	426,924	23,730	0
		Upper CL	5,580	4,565	5,033	10,175	9,143	1,444,817	114,352	134
		Sales Slip	623	955		782	10,974	571,702	18,857	22

**Table 5. Area 12,13, Johnstone Strait, Catch Bootstrap Estimates and Sales Slip Data (1987-1990).**  
 (cont'd)

Year	Stat Week	Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum	Coho <sup>1</sup>	Steelhead
1987	8/1 Aug 2-3	Catch Est	1,724	112	1,643	219,986	135,438	2,584	3,462	0
		Lower CL	391	0	743	102,906	69,070	483	1,230	0
		Upper CL	3,950	490	3,150	410,302	229,337	7,530	7,031	0
		Sales Slip	1,802	473		165,265	136,350	6,760	4,391	48
	8/2 Aug 9-11	Catch Est	5,372	599	1,471	587,584	107,938	4,084	2,561	0
		Lower CL	2,005	159	351	269,370	73,803	1,631	986	0
		Upper CL	12,246	1,498	3,172	872,015	152,950	7,423	5,176	0
		Sales Slip	2,183	808		520,358	310,535	7,188	6,238	34
	8/3 Aug 16-17	Catch Est	1,437	333	616	417,159	214,906	5,432	3,667	103
		Lower CL	454	0	86	149,981	104,736	2,620	1,932	0
		Upper CL	3,392	1,101	1,502	814,582	345,690	9,641	6,943	594
		Sales Slip	2,025	468		250,831	381,770	5,007	5,171	6
	8/4 Aug 22-24	Catch Est	3,232	862	1,990	201,933	203,414	6,385	9,105	198
		Lower CL	1,428	265	894	107,101	125,768	2,944	4,381	31
		Upper CL	6,179	2,028	4,040	332,665	307,329	11,244	16,913	437
		Sales Slip	2,776	883		131,426	288,030	3,692	7,385	5
	9/1 Sept 1-2	Catch Est	902	61	172	18,617	150,134	10,322	3,465	0
		Lower CL	345	0	0	9,032	59,285	4,101	1,799	0
		Upper CL	2,096	224	627	37,461	503,104	17,284	6,334	0
		Sales Slip	1,612	327		27,602	286,642	2,574	8,454	16
	Total for Year	Catch Est	12,668	1,967	5,893	1,445,279	811,829	28,808	22,260	300
		Lower CL	7,616	971	3,798	964,364	579,431	19,454	16,253	48
		Upper CL	20,347	3,125	8,719	1,991,125	1,253,418	40,268	33,471	751
		Sales Slip	10,398	2,959		1,095,482	1,403,327	25,221	31,639	109
1987	9/4 Sep 21-22	Catch Est	194	21	39	278	10,058	46,335	5,948	488
		Lower CL	10	0	0	0	3,796	18,533	1,542	0
		Upper CL	482	104	161	835	18,787	106,534	14,177	1,306
		Sales Slip	286	65		265	15,797	38,796	8,252	10
1987	Total for Year	Catch Est	194	21	39	278	10,058	46,335	5,948	488
"Chum Fishery"		Lower CL	10	0	0	0	3,796	18,533	1,542	0
		Upper CL	482	104	161	835	18,787	106,534	14,177	1,306
		Sales Slip	286	65		265	15,797	38,796	8,252	10

<sup>1</sup> - Bootstrap estimate

<sup>2</sup> - Lower and upper confidence limits.

<sup>3</sup> - Sales slip data obtained from PBS database. Test fish sales slip data not included.

<sup>4</sup> - Coho Catch Estimate includes juveniles plus adults while Sales Slips are Coho adults only.

**Table 6. Area 16, Sabine Channel, Catch Bootstrap Estimates and Sales Slip Data (1987&1990).**

Year	Stat Week	Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum	Coho <43cm	Coho >43cm	Steelhead
1990	9/1 Sep 2-3	Catch Est <sup>1</sup>	165	642	646	15,265	0	116	172	671	27
		Lower CL <sup>2</sup>	18	239	126	6,631	0	0	14	234	0
		Upper CL <sup>2</sup>	457	1,757	1,389	26,532	0	372	481	1,278	182
		Sales Slip <sup>3</sup>	186	283		14,519	98	210		718	1
1990	Total for Year	Catch Est	165	642	646	15,265	0	116	172	671	27
		Lower CL	18	239	126	6,631	0	0	14	234	0
		Upper CL	457	1,757	1,389	26,532	0	372	481	1,278	182
		Sales Slip	186	283		14,519	98	210		718	1
Year	Stat Week	Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum	Coho <sup>4</sup>	Steelhead	
1987	8/3 Aug 16-17	Catch Est	190	39	306	77,839	16,796	0	232	0	
		Lower CL	6	0	48	43,866	8,055	0	23	0	
		Upper CL	582	203	720	127,699	29,369	0	683	0	
		Sales Slip	162	126		39,123	12,661	60	1,329	3	
1987	Total for Year	Catch Est	190	39	306	77,839	16,796	0	232	0	
		Lower CL	6	0	48	43,866	8,055	0	23	0	
		Upper CL	582	203	720	127,699	29,369	0	683	0	
		Sales Slip	162	126		39,123	12,661	60	1,329	3	

<sup>1</sup> - Bootstrap estimate

<sup>2</sup> - Lower and upper confidence limits.

<sup>3</sup> - Sales slip data obtained from PBS database. Test fish sales slip data not included.

<sup>4</sup> - Coho Catch Estimate includes juveniles plus adults while Sales Slips are Coho adults only.

**Table 7. Area 20, San Juan, Catch Bootstrap Estimates and Sales Slip Data (1987-1990).**

Year	Stat Week	Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum	Coho <43cm	Coho >43cm	Steelhead
1990	8/2 Aug 13-14	Catch Est	1,119	886	2,548	944,790	896	1,210	2,810	2,969	20
		Lower CL <sup>2</sup>	220	261	1,048	402,204	53	12	1,040	1,572	0
		Upper CL <sup>2</sup>	3,010	1,931	4,470	2,010,617	2,130	4,489	6,030	5,017	89
		Sales Slip <sup>3</sup>	1,708	2,797		697,025	1,211	160		32,813	19
	8/3 Aug 20-22	Catch Est	3,311	1,951	3,039	1,918,811	2,640	742	6,970	17,461	0
		Lower CL	922	560	1,536	1,173,817	14	137	1,700	4,269	0
		Upper CL	7,800	4,343	5,389	2,812,015	13,448	1,580	19,980	51,835	0
		Sales Slip	2,797	974		2,038,143	1,928	764		32,574	38
	8/4 Aug 26-27	Catch Est	2,362	1,338	3,533	297,791	229	181	1,970	15,232	13
		Lower CL	1,303	322	1,072	141,921	0	0	290	9,322	0
		Upper CL	4,008	3,043	6,112	508,498	837	552	4,230	23,637	81
		Sales Slip	1,369	1,120		382,299	32	408		44,793	17
1990	Total for Year	Catch Est	6,792	4,175	9,120	3,161,392	3,765	2,133	11,750	35,662	33
		Lower CL	3,552	1,953	5,362	2,000,000	480	672	5,080	17,421	0
		Upper CL	11,364	7,047	12,691	4,447,463	14,885	5,385	2,462	71,957	117
		Sales Slip	5,874	4,891		3,117,467	3,171	1,332		110,180	74

Year	Stat Week	Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum	Coho*	Steelhead
1989	7/3 Jul 17	Catch Est	1,634	2,503	651	20,826	44,126	0	61,422	16
		Lower CL	603	530	83	5,224	16,388	0	22,328	0
		Upper CL	4,111	7,450	1,851	50,010	82,492	0	161,517	76
		Sales Slip	522	2,401		12,476	63,951	6	41,779	13
	7/5 Jul 31 - Aug 1	Catch Est	910	959	840	74,537	5,856	12	18,855	27
		Lower CL	376	347	281	42,853	2,014	0	10,364	0
		Upper CL	1,623	2,228	1,819	122,332	10,924	42	36,834	117
		Sales Slip	1,201	550		175,448	7,030	21	24,399	11
	8/1 Aug 8-9	Catch Est	2,184	1,767	1,788	881,888	42,937	30	24,728	54
		Lower CL	1,099	695	493	303,547	26,678	0	9,460	0
		Upper CL	3,456	3,457	3,616	1,541,683	64,864	120	45,836	262
		Sales Slip	2,416	1,611		467,771	70,358	72	24,127	26
	8/2 Aug 14-17	Catch Est	5,186	2,484	2,712	946,541	74,349	154	33,100	140
		Lower CL	3,304	1,275	1,292	585,278	50,593	0	21,477	9
		Upper CL	8,496	3,998	4,538	1,435,463	108,397	525	46,902	438
		Sales Slip	5,396	1,920		1,194,889	83,120	252	17,192	57
	8/3 Aug 20-22	Catch Est	5,189	2,069	1,611	854,612	243,736	4,035	54,007	292
		Lower CL	3,221	764	320	578,968	179,800	92	32,593	0
		Upper CL	8,136	4,363	3,348	1,214,685	331,205	15,781	85,203	774
		Sales Slip	2,524	1,052		773,333	283,175	353	28,220	48
	8/4 Aug 27-29	Catch Est	2,287	502	549	207,895	692,402	3,202	13,919	146
		Lower CL	1,123	67	133	146,746	468,910	788	8,618	0
		Upper CL	3,926	1,111	1,186	316,261	984,456	7,318	20,803	539
		Sales Slip	1,567	770		180,274	788,356	2,468	13,694	60
	9/1 Sept 5	Catch Est	652	122	233	14,288	595,955	4,500	60,869	300
		Lower CL	16	0	0	7,260	166,667	1,147	31,481	21
		Upper CL	2,089	430	707	26,517	1,549,950	9,346	98,248	813
		Sales Slip	293	229		7,448	306,126	1,219	39,607	22
1989	Total for Year	Catch Est	18,042	10,407	8,383	3,000,588	1,699,361	11,932	266,901	974
		Lower CL	14,033	7,166	5,772	2,000,000	1,153,101	4,707	194,860	395
		Upper CL	23,107	16,618	11,953	3,810,130	2,612,676	24,522	356,617	1,782
		Sales Slip	13,919	8,533		2,811,639	1,602,116	4,391	189,018	237

**Table 7. Area 20, San Juan, Catch Bootstrap Estimates and Sales Slip Data (1987-1990).  
(cont'd)**

Year	Stat Week	Data	Chinook Adult	Chinook Jack	Chinook Juvenile	Sockeye	Pink	Chum	Coho <sup>1</sup>	Steelhead
1989 "Chum Fishery"	9/2 Sep 11	Catch Est	218	244	202	1,858	92,280	4,085	33,009	117
		Lower CL	91	57	30	766	54,429	2,013	15,414	14
		Upper CL	404	550	466	3,868	150,577	7,159	64,105	279
		Sales Slip	157	251		771	106,615	1,915	35,322	17
	9/4 Sep 25-26	Catch Est	27	81	161	0	5,893	22,498	7,286	109
		Lower CL	0	0	0	0	2,696	12,747	2,534	0
		Upper CL	138	276	534	0	10,044	35,651	17,251	342
		Sales Slip	88	91		21	22,273	8,738	23,162	24
1989 "Chum Fishery"	Total for Year	Catch Est	245	325	364	1,858	98,172	26,583	40,295	226
		Lower CL	101	93	83	766	59,586	16,772	21,528	39
		Upper CL	461	659	847	3,868	157,309	39,085	73,667	526
		Sales Slip	245	342		792	128,888	10,653	58,484	41
1988	8/2 Aug 10-12	Catch Est	5,178	3,426	3,375	95,466	321	15	6,989	77
		Lower CL	2,726	1,647	908	63,904	0	0	3,764	0
		Upper CL	8,469	5,641	7,429	128,069	1,125	75	11,686	368
		Sales Slip	2,241	1,443		138,173	2,927	238	18,119	47
	8/3 Aug 17-18	Catch Est	1,662	2,596	15,916	57,978	68	51	24,791	195
		Lower CL	572	748	4,886	33,305	0	0	15,206	0
		Upper CL	4,092	5,544	44,909	98,997	443	244	38,287	705
		Sales Slip	760	2,960		42,716	2,933	352	19,945	26
	8/4 Aug 22	Catch Est	968	4,224	4,439	24,075	0	138	4,797	27
		Lower CL	341	842	1,171	12,803	0	0	2,277	0
		Upper CL	1,873	13,024	10,071	36,477	0	500	8,015	158
		Sales Slip	586	2,474		23,434	59	450	5,781	22
	Total for Year	Catch Est	7,808	10,246	23,730	177,519	389	203	36,577	299
		Lower CL	4,787	5,693	10,722	132,750	0	0	25,294	0
		Upper CL	11,879	19,325	52,298	231,793	1,125	555	51,999	779
		Sales Slip	3,587	6,877		204,323	5,919	1,040	43,845	95
1987	8/2 Aug 9-11	Catch Est	1,516	263	994	169,378	126,926	812	22,637	22
		Lower CL	974	88	439	121,834	95,712	43	17,036	0
		Upper CL	2,104	493	1,515	245,121	166,977	2,549	30,166	90
		Sales Slip	1,582	1,125		175,120	156,476	71	74,271	59
	8/4 Aug 22-24	Catch Est	2,671	464	1,721	288,548	218,799	1,440	39,809	36
		Lower CL	1,812	185	1,012	219,044	166,804	38	29,037	0
		Upper CL	3,848	915	2,756	368,530	273,077	4,642	52,194	96
		Sales Slip	2,725	1,888		234,522	287,076	426	13,359	97
	9/1 Sept 1-2	Catch Est	878	151	547	91,507	70,664	508	13,216	11
		Lower CL	376	27	250	57,776	45,362	0	7,136	0
		Upper CL	1,506	383	1,097	148,995	101,231	2,336	19,282	69
		Sales Slip	923	379		3,971	59,624	184	18,682	40
	Total for Year	Catch Est	5,065	878	3,261	549,433	416,388	2,759	75,662	70
		Lower CL	3,818	503	2,291	459,598	350,258	346	59,441	19
		Upper CL	6,398	1,401	4,560	648,140	484,298	6,608	91,397	135
		Sales Slip	5,230	3,392		413,613	503,176	681	106,312	196
1987 "Coho Fishery"	10/1 Sept 27	Catch Est	88	44	182	44	1,325	4,792	60,348	301
		Lower CL	0	0	0	0	211	1,968	30,053	0
		Upper CL	341	226	599	230	5,363	9,117	106,444	803
		Sales Slip	266	380		11	1,321	9,499	77,651	58
1987 "Coho Fishery"	Total for Year	Catch Est	88	44	182	44	1,325	4,792	60,348	301
		Lower CL	0	0	0	0	211	1,968	30,053	0
		Upper CL	341	226	599	230	5,363	9,117	106,444	803
		Sales Slip	266	380		11	1,321	9,499	77,651	58

<sup>1</sup> - Bootstrap estimate

<sup>2</sup> - Lower and upper confidence limits.

<sup>3</sup> - Sales slip data obtained from PBS database. Test fish sales slip data not included.

<sup>4</sup> - Coho Catch Estimate includes juveniles plus adults while Sales Slips are Coho adults only.