Stock Compositions of Sockeye Salmon Catches in Southeast Alaska District 106 and 108 Gillnet Fisheries, 1996-2000, Estimated with Scale Pattern Analysis

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ABSTRACT

We used linear discriminant function analysis of scale patterns to estimate the stock compositions of the weekly sockeye salmon catches in Sub-districts 106-30, 106-41, and District 108 from mid-June through mid-October in 1996 through 2000. In 1996, of the 464,213 sockeye salmon harvested in Districts 106 and 108, we estimated that 38.3% were of Alaska origin, 20.4% were of British Columbia origin, and 41.2% of transboundary Stikine River origin. Most discriminant function accuracies ranged from 65% to 85%, depending on the stocks included and the age class. In 1997, of a total of 261,557 sockeye salmon harvested in Districts 106 and 108, we estimated that 38.1% were of Alaska origin, 21.5% were of British Columbia origin, and 40.3% of transboundary Stikine River origin. Most discriminant function accuracies ranged from 65% to 85%, depending on the stocks included and the age class. In 1998, the 261,557 sockeye salmon harvested in Districts 106 and 108 included an estimated 38.1% Alaska origin, 21.5% British Columbia origin, and 40.3% transboundary Stikine River origin. Most discriminant function accuracies ranged from 65% to 85%, depending on the stocks included and the age class. In 1999, of the 141,436 sockeye salmon harvested in Districts 106 and 108, we estimated that 53.3% were of Alaska origin, 7.8% were of British Columbia origin, and 38.9% were of transboundary Stikine River origin. Most discriminant function accuracies ranged from 65% to 80%, depending on the stocks included and the age class. In 2000, the 105,909 sockeye salmon harvested in Districts 106 and 108 included an estimated 57.3% Alaska origin, 21.6% British Columbia origin, and 21.1% transboundary Stikine River origin. Most discriminant function accuracies ranged from 65% to 80%, depending on the stocks included and the age class.

Key Words: sockeye salmon, stock identification, linear discriminant function analysis, scale pattern analysis, Stikine River, District 108, District 106, mixed-stock fishery.

INTRODUCTION

Sockeye salmon *Oncorhynchus nerka* are harvested in marine net fisheries throughout Southeast Alaska and northern British Columbia. Drift gillnet fisheries in Alaskan commercial fishing Districts 106 and 108 harvest sockeye salmon of Alaskan origin but also catch sockeye salmon of transboundary Stikine River and of Canadian Nass and Skeena River origin. Interception of salmon originating in one country as the fish migrate through the territorial waters of the other country has become a research and management concern since the implementation of the U.S./Canada Pacific Salmon Treaty. Cooperative international management of Stikine River sockeye salmon is mandated by this treaty under Annex IV, Chapter 1. Knowledge and control of stock-specific harvests are therefore needed to fulfill requirements of and assess compliance with the harvest sharing guidelines outlined in the treaty. Additional complexity was added to the harvest share agreements with the commencement of a joint U.S./Canada sockeye salmon enhancement program in 1990 In this program gametes are collected by Canada from Tahltan Lake spawners, shipped to Port Snettisham hatchery in the U.S. were the eggs are fertilized, incubated, and hatched and the resulting fry are planted back into Tahltan or Tuya Lakes. Adult salmon returning from this program are managed under different harvest sharing arrangements than the wild Stikine River sockeye salmon.

FISHERIES

U.S fisheries which harvest Stikine sockeye stocks are located in central Southeast Alaska, near the communities of Petersburg and Wrangell, Alaska (Figure 1).

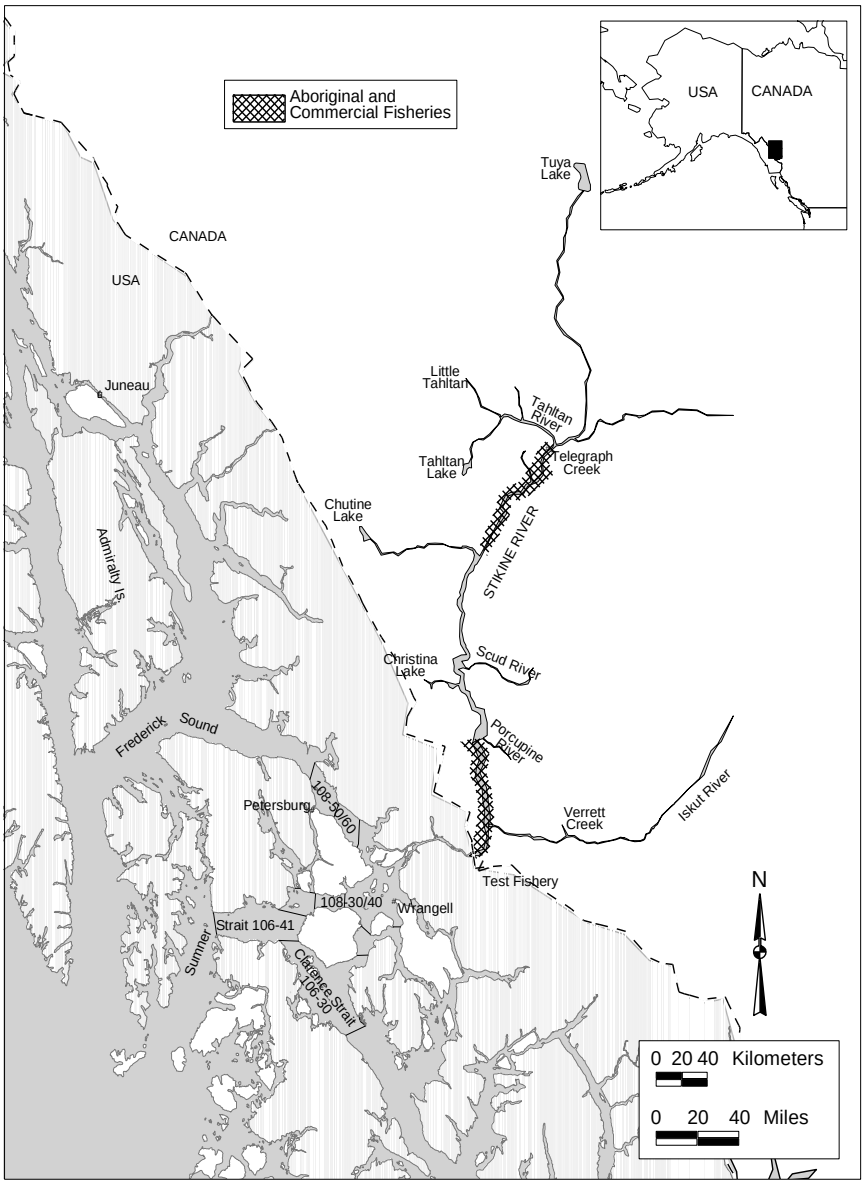

Figure 1.-Fishery management districts in central Southeast Alaska and the Stikine River.

Sockeye salmon harvested in the District 106 and 108 commercial gillnet fisheries originate from Southeast Alaska, the transboundary Stikine River, and the Canadian Nass and Skeena Rivers (Figure 2).

Sockeye catches in District 106 have averaged 163,865 fish (1983-1995) with an estimated annual Stikine River contribution of 18,031 fish (1983-1995). In District 108, sockeye catches have averaged 31,939 fish with a Stikine River component estimated at 21,899 fish (1985-1995).

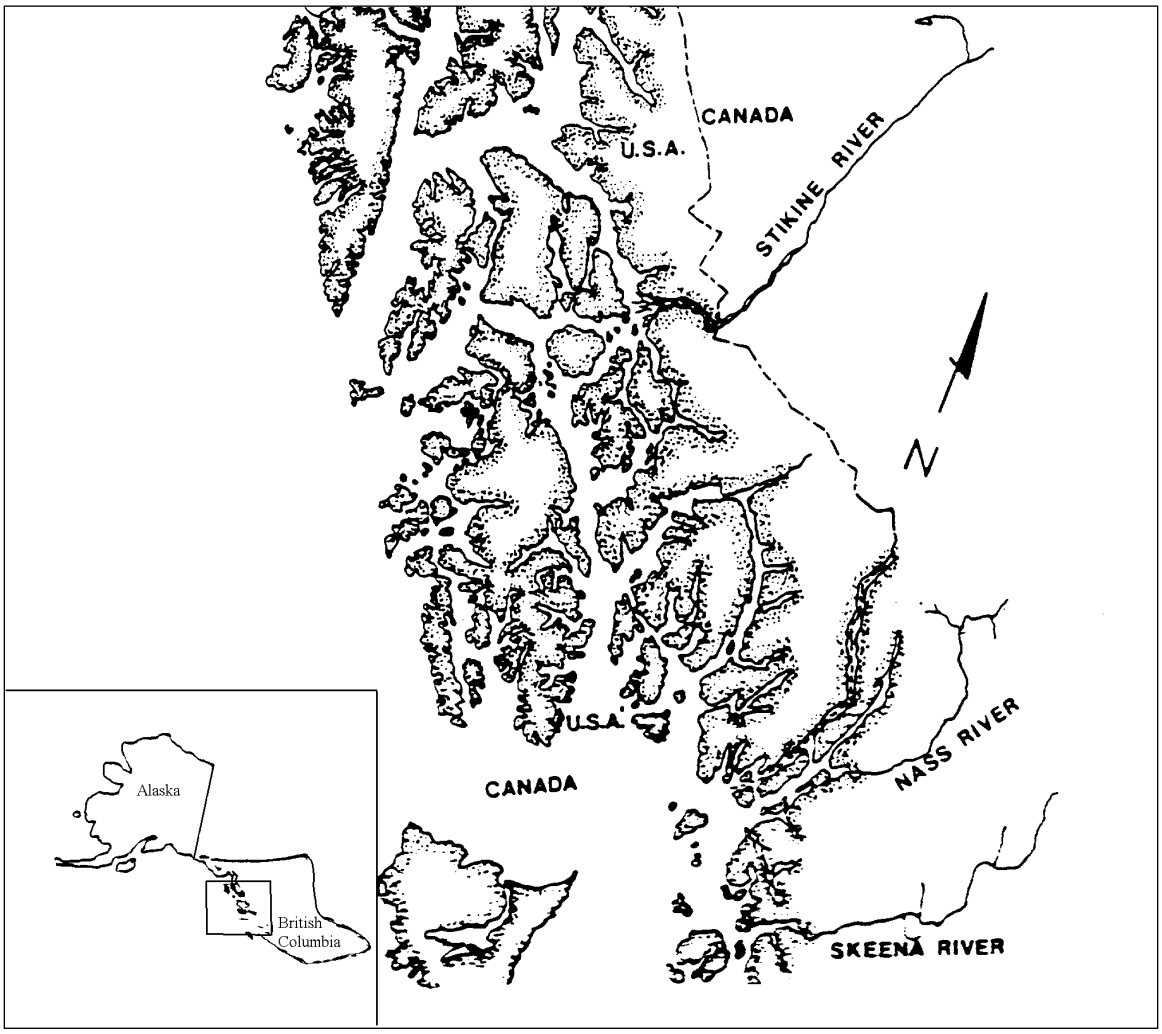

Figure 2-The Canadian Nass and Skeena Rivers and the transboundary Stikine River.

U.S. and Canadian catches of Stikine sockeye stocks are managed based on harvest sharing agreements in the U.S./Canada Pacific Salmon Treaty (TTC 1992). Inseason catch estimates, forecasts, and inriver CPUE are used along with historical migratory timing information to estimate inseason run strength in the SMM. Escapement goals have been established and the run strength minus the desired escapement is used to determine the total allowable catch (TAC). TAC along with the harvest share for each country is calculated in the Stikine Management Model (SMM) (TTC 1990).

STUDY AREA

Sockeye salmon harvested in the District 106 and 108 commercial fisheries originate from lake systems and their tributaries throughout Southeast Alaska, from the transboundary Stikine River, and from the Canadian Nass and Skeena Rivers (Figure 1). Tagging studies have shown that few stocks from other areas pass through District 106 (Hoffman et al. 1983, 1984). In those studies

adult sockeye salmon were tagged in 1982 and 1983 in several Alaskan and Canadian fishing districts to determine migratory pathways and interception rates of various stocks. The majority of terminal area recoveries of fish tagged in District 106 occurred along the northeast coast of Prince of Wales Island and upper Behm Canal; some were recovered in Alaskan systems as far south as the U.S./Canada border and in the Stikine, Nass, and Skeena Rivers. There were few or no recoveries of fish tagged in District 101 or 104 in either the northern Prince of Wales Island lake systems or the Stikine River.

Numerous sockeye salmon producing lakes are scattered throughout the archipelago and mainland of Southeast Alaska. They range in size from small lakes of a few hectares to large systems greater than 500 hectares like McDonald and Klawock Lakes, and include multilake systems like the Sarkar and Galea-Sweetwater complexes (Figure 3).

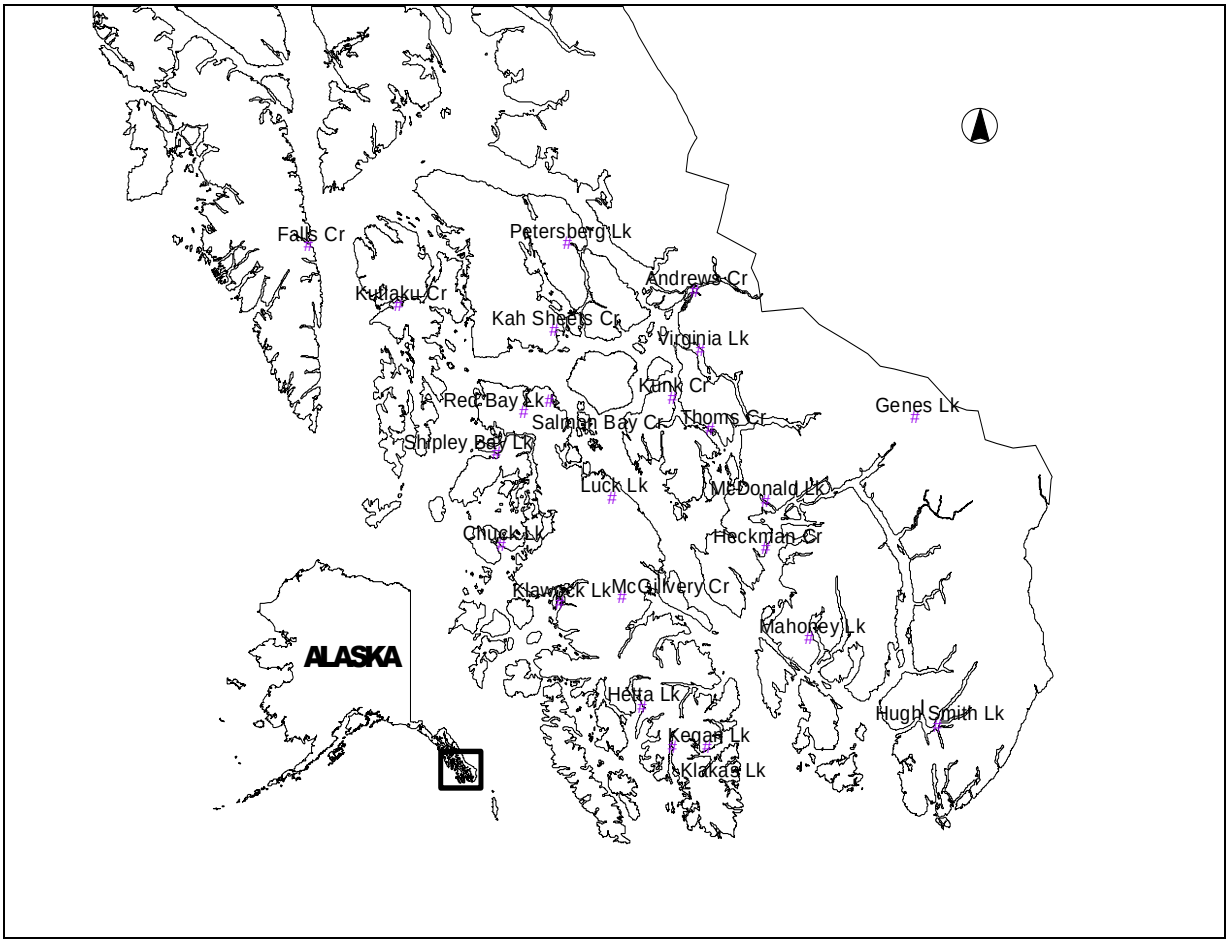

Figure 3-Major sockeye salmon systems of Southeast Alaska sampled for scales used in stock discrimination.

Sockeye salmon production is limited by the quantity and quality of spawning areas, the available rearing area, or other environmental conditions as well as the number of spawners.

Sockeye productivity varies greatly, even among systems of roughly equivalent size (McGregor 1983; McGregor et al. 1984; McGregor and McPherson 1986; McPherson and McGregor 1986; McPherson, McGregor, and Bergander 1988, McPherson, McGregor, and Olsen 1988; Rowse and McPherson 1992. Typical small systems, such as Alecks and Kutlaku Lakes on Kuiu Island, produce estimated runs of a few thousand fish. Although the total run size is not known, escapements in two intermediate systems which had enumeration weirs, Karta Lake on eastern Prince of Wales Island and Salmon Bay Lake on northeast Prince of Wales Island, averaged 18,400 and 18,000 sockeye salmon, respectively (1982 to 1988 average, excluding 1984 when the weirs were not installed). The single largest producer of sockeye salmon in recent years in southern Southeast Alaska has been McDonald Lake in upper Behm Canal. Estimated escapements to this system have ranged from 56,000 in 1983 to 175,000 in 1987 and averaged 113,500 (1981 to 1988 average, excluding 1982 when the weir washed out) (ADF&G data base).

The Stikine River (Figure 1) originates in British Columbia and flows through the Alaskan panhandle into Frederick Sound north of Wrangell. It is therefore a transboundary river, i.e., a river that flows through both Canada and the U.S. Approximately 90% of the river system is inaccessible to anadromous fish because of natural barriers and velocity blocks. The majority of the accessible sockeye spawning habitats are located above the U.S./Canada border. The largest single contributor to the Stikine sockeye run is Tahltan Lake. Sockeye escapements enumerated at the weir have ranged from 1,780 fish in 1963 to 67,326 fish in 1985 and averaged 24,237 fish (1959-1995) (TTC 1997). The remainder of the Stikine River sockeye stocks, referred to as the non-Tahltan Stikine stock group, spawn in small lakes, sloughs, and side channels of the mainstem river and its tributaries, most of which are glacially occluded. Estimates of the non-Tahltan Stikine sockeye escapement have ranged from 6,071 in 1999 to 90,617 in 1985 and averaged 36,298fish (1979-1995) (TTC 1997).

The Nass and Skeena Rivers have contributed substantial numbers of sockeye salmon to the District 106 and 108 harvests in some years. Estimated catches of Nass/Skeena fish have ranged from 8,917 to 112,370 fish and have averaged 51,914 fish (1983-1995) in District 106. In District 108 catches of Nass/Skeena fish have ranged from 0 to 2,207 fish and have averaged 5,153 fish (1986-1995). The Nass River originates in British Columbia and drains into Portland Canal just south of the U.S./Canada border. The Skeena River also originates in British Columbia and drains into the ocean about 50 km south of the Nass River.

STOCK SEPARATION STUDIES

The United States and Canada initiated research programs in 1982 to assess the feasibility of various stock-separation techniques applicable to sockeye salmon stocks harvested by both countries. Several methods of stock separation have been used, including the incidence of the parasite *Myxobolus arcticus*, differences in genotypes, adult tagging studies, and scale pattern analysis. Of these, scale pattern analysis has been used most extensively to determine stock composition of the harvests in Alaskan mixed-stock commercial fisheries (Oliver et al. 1984; Oliver and Walls 1985; Oliver and Jensen 1986; Jensen and Frank 1988, 1993a, 1993b; Jensen et al. 1989, TTC 1998).

Scale pattern analysis has generally proven successful in determining the contribution rates of sockeye stocks to Southeast Alaskan commercial fisheries because of significant and persistent

differences in the freshwater and early marine growth among stocks originating in various Alaskan and Canadian systems. The original stock groupings used by ADF&G to estimate stock composition in District 106 and 108 were the Alaska group, composed of samples taken from 22 to 28 Alaska escapements; the Nass/Skeena group, composed of samples taken from inriver test fisheries on the Nass and Skeena Rivers; and the Stikine River group, composed of scale samples collected from the Canadian inriver commercial fishery. The stock groupings were expanded in 1983 by creating separate standards for the Tahltan Lake stock and for the non-Tahltan Stikine stock group. The non-Tahltan group was composed of samples from mainstem river and side slough spawners and Chutine, Skud, and Iskut River spawners. Standards were further refined in 1986 to separate two distinct patterns: Alaska I, typified by Hugh Smith Lake and Luck Lake patterns, and Alaska II, typified by the McDonald Lake pattern. Separate standards for Nass River fish and Skeena River stocks were created in 1990 to facilitate run reconstruction for the two river systems. With the return of adult sockeye salmon to the Tuya Lake an additional standard was needed for that stock. Thus, seven stock groups, Alaska I, Alaska II, Nass, Skeena, Tahltan, Tuya, and non-Tahltan are currently used in the SPA for Districts 106 and 108.

With the return of adult salmon from the U.S./Canada enhancement program it became necessary to distinguish the planted fish from the wild stocks. Thermal mark analysis is used for determining the wild Tahltan vs. planted Tahltan and Tuya fish.

OBJECTIVES

The purposes of this ongoing study is to generate postseason estimates of the stock compositions of weekly sockeye salmon catches in the Sub-district 106-30 and 106-41 (in weeks when sub-district 106-42 is open catches in that sub-district are included the sub-district 106-41 analysis) and the District 108 gillnet fisheries based on the analysis of scale patterns. Age and sex composition of catches and escapements are estimated for weekly Sub-district 106-41 and 106-30 and District 108 gillnet harvests, We provide basic statistics for use in assessing the treaty performance of the U.S. fisheries that harvest Stikine River sockeye stocks. Average historical stock-composition estimates are used in the Stikine Management Model (SMM) along with other data to estimate the allowable catch of Stikine stocks in U.S. fisheries. Data from postseason analyses are used to reconstruct Stikine sockeye runs, develop spawner-recruit relationships, estimate optimum sustainable yield and escapement, and improve forecasting abilities and stock-specific management capabilities.

METHODS

NUMBERS OF FISH

Catch statistics for Districts 106 and 108 were obtained from ADF&G records of fishery sales receipts (fish tickets). Records used in this report were taken from the data base on April, 2005. Catches were reported by fishing period and were assigned to a statistical week. Each statistical week began at 12:01 p.m. Sunday and ended the following Saturday at midnight. Weeks were sequentially numbered beginning with the first Sunday of the calendar year.

COLLECTION AND PREPARATION OF SCALE SAMPLES

Scales were taken from the left side of the fish approximately three rows above the lateral line along a diagonal from the posterior insertion of the dorsal fin to the anterior insertion of the anal fin (INPFC 1963). Scales on salmon fry first develop in this area, therefore, these scales are preferred for purposes of aging and digitizing. Scales were mounted on gum cards and impressions made in cellulose acetate (Clutter and Whitesel 1956).

Employees of the ADF&G, Division of Commercial Fisheries, sampled District 106 and 108 catches at fish processing plants in the communities of Petersburg and Wrangell, Alaska. Samplers recorded the sex and collected one scale from each fish sampled. Samplers in Canada recorded the sex and length of each fish and collected one to three scales from each fish sampled, according to DFO sampling guidelines. A subsample of 130 fish from the Sub-district 106-30 and 106-41and the District 108 catches were measured for mid-eye to fork length during each week of the fishing season. This satisfies sampling goals connected with the Southeast Alaska Port Sampling Program, to estimate the average length of sockeye salmon each week of the season for each major (>10%) age class with a precision of $\pm$5%, 95% of the time (Van Alen 1990).

Similar procedures were used to sample escapements; three scales per fish were taken by ADF&G employees from fish sampled from 13 lake systems throughout southern and central Southeast Alaska. Escapements sampled at enumeration weirs were collected throughout the run and other systems were sampled during a 2- to 3-day trip to the spawning grounds. Two scales per fish were collected by DFO personnel from test fishery samples taken at the mouths of the Nass and Skeena Rivers, and five scales per fish from the Tahltan Lake escapement. Samples were collected periodically throughout the run from all areas sampled by DFO personnel. Sex was determined by examination of external sexual maturation characteristics, including kype development, belly, vent, and jaw shapes, or, when possible, by examination of gonads. A study conducted by ADF&G to determine the accuracy of its samplers in sexing ocean-caught salmon showed that an average of 94% of sockeye salmon sampled were sexed correctly (Pahlke 1988). We believe that samplers' accuracy of sex determination of sockeye salmon on the spawning grounds is higher, due to the pronounced secondary maturation characteristics of spawning sockeye salmon.

AGE COMPOSITION

Fish ages were determined by visually examining scale impressions magnified 70X on a microfiche reader and were recorded in European notation. Criteria used to determine ages were similar to those of Moser (1968).

Scales from fish sampled on the spawning grounds occasionally exhibited resorption along the outer edges, making the determination of ocean age impossible without additional information. Trends in the relationship between fish length and marine age of sockeye salmon provided a valuable tool in determining marine ages; fish length is highly correlated with marine age, and for a given age class, females are typically smaller than males (McPherson et al. 1988). In cases where scale resorption was severe, sex-specific length frequency histograms were used to assist in determining the correct marine age. Little overlap in length frequency distributions by marine

age generally occurred within stocks (ADF&G, Commercial Fisheries Division, Douglas, unpublished data). For this reason fish length was recorded for every sample taken from escapements.

Scale sampling goals (600 fish per statistical week) for determining the age composition of the Sub-district 106-41, 106-30, and District 108 harvests are designed to enable the proportion of each major (>10%) age group in the catch during each fishing period to be estimated to $\pm$5%, 95% of the time (Thompson 1987, 2002). Sample goals were slightly higher than the minimum required number to account for a scale regeneration rate of approximately 20% and to ensure that adequate numbers of scales from minor age classes were available each week for digitizing. Sampling goals were met for most fishing periods in the District 106 commercial fishery, except for early in the season when catches were low. Low catches and limited availability of fish in the District 108 fishery prevented us from achieving our desired sampled sizes in each fishing period for this district. Sample goals for Southeast Alaska sockeye escapements were 520 fish per system with the exception of McDonald Lake where the goal was 1,000 fish. DFO collected scales from all sockeye salmon taken in the lower Stikine River test fishery and 350 scales per week from the lower river commercial catches. Samples from the Stikine River test and commercial fisheries were paired with egg diameter measurements for females. DFO sampled approximately 800 sockeye salmon throughout the season from fish passing through the Tahltan Lake enumeration weir. Although no formal sampling goals have been set for the DFO Nass and Skeena test fisheries, 1,000 samples were taken through time for each fishery.

SCALE DIGITIZING

Scale images magnified 100X were projected onto a digitizing tablet using equipment similar to that described by Ryan and Christie (1976). Scale measurements were made and recorded with a microcomputer digitizing system with Fortran programs.

Previous studies have established that an axis approximately perpendicular to the anterior edge of the unsculptured posterior field is best for consistently measuring sockeye scales (Clutter and Whitesel 1956; Narver 1963). This axis is approximately 20^{o} dorsal or ventral from the anterior-posterior axis, and all circuli counts and scale measurements in the lacustrine and first-year marine zone were made along it. Marshall et al. (1984) established the separability of major stock groups in southern Southeast Alaska by measurements in three or four zones: (1) the first freshwater (the scale center to the last circulus of the first freshwater annulus), (2) the second freshwater (when present, the first circuli of the second year of freshwater growth to the end of the second freshwater annulus), (3) the plus growth (scale growth after the last freshwater annulus and before the first marine circulus) (Moser 1968), and (4) the first year marine growth (the first marine circulus to the end of the first marine annulus) (Figure 4).

A total of 74 variables including circuli counts, incremental distances, and ratios and/or combinations of the measured variables were calculated for scales that had a single freshwater annular zone. For scales with two freshwater annular zones 106 variables were calculated (Appendix A).

ANALYTICAL PROCEDURES

The ability to differentiate salmon stocks based on scale patterns depends upon the degree of difference in the scale characters among stocks (Marshall et al. 1987). Linear discriminant analysis (LDA) of scale patterns has been used to estimate stock contributions to southern and central Southeast Alaska mixed stock sockeye fisheries since 1982 (Oliver et al. 1985; Oliver and Walls 1985; Oliver and Jensen 1986; Jensen and Frank 1988, 1993a, 1993b; Jensen et al. 1989, 2007).

LDA is a multivariate technique used to develop classification rules to assign a sockeye salmon sampled in a mixed-stock fishery to a stock of origin. The variables calculated from the circuli counts and incremental distances on scales from fish of known origin provide a set of measurements used to define these rules. Scale variables are selected based on their ability to differentiate between stocks included in the analysis. The accuracy of classification of stocks represented by standards depends upon the precision with which the regions defining each stock or group are described and the inherent separation between them. The linear discriminant function (LDF) is the linear combination of the variables which maximizes the between-group variance relative to the within-group variance (Fisher 1936).

Assuming that (1) the groups being investigated are discrete and identifiable, (2) the parent distributions of the measured variables are multivariate normal, and (3) the variance-covariance matrices for all groups are equal, LDA provides the best discriminant rule, in the sense of minimizing the expected probability of misclassification. Gilbert (1969) found LDA satisfactory if the variance-covariance matrices were not too different. In addition, large sample sizes appear to make the LDF robust to the assumption of common variance-covariance matrices (Issacson 1954; Anas and Murai 1969). The method also appears to be robust to violations of the normality assumption for some discrete distributions (Lachenbruch et al. 1973; Krzanowski 1977). Studies which compare LDA, QDA (quadratic discriminant analysis), and NNA (nearest neighbor analysis), indicated that LDA has a higher classification accuracy than QDA or NNA (Jensen 1990). This indicates that the above assumptions are met or that LDA is robust to violations of them for the variables used in scale pattern analysis of Southeast Alaska mixed-stock sockeye catches.

Scale variables to be used in the LDA are selected with a stepwise analysis. In this process variables are added until the partial F-statistic of all variables available for entry into the model is less than 4.00 and all variables in the model have F-values greater than 4.00 (Enslein et al. 1977). The number of variables is limited to those that measurably improve classification accuracies and is generally limited to 10 or less. An almost unbiased estimate of classification accuracy for each LDF is determined using a leaving-one-out procedure (Lachenbruch 1967). One sample is "left out", the discriminant rule is estimated, and the "left out" sample is classified using the discriminant rule and checked to see if it is classified correctly. This procedure is repeated for all samples. Thus, when an LDA is run using the leaving-one-out procedure, a classification matrix is developed which gives the proportions of correctly identified fish and the proportions of misclassification of each stock to each of the other stocks.

When more than two stock groups are being analyzed, the stepwise procedure does not always result in maximum classification accuracies or the most balanced classification matrix.

Frequently, well separated groups are separated even further, but poorly separated groups remain poorly separated (Habbema and Hermans 1977). Scale variables that provide the best discrimination between the groups (high *F* value) that most often misclassify as each other are occasionally added to or substituted for other variables used in the LDA to provide either a better balance to the classification matrix or to increase the mean classification accuracy.

The estimates of stock composition proportions in the mixed-stock harvests, referred to as initial estimates, are adjusted with a classification matrix correction procedure (Cook and Lord 1978). The fish in the mixed stock sample are classified with the LDF. The vector of estimates for each stock or stock group is multiplied by the inverse transposed classification matrix to give new estimates, referred to as adjusted estimates, for the true proportions of stocks and stock groups in the mixed stock fishery. In cases where the adjusted estimated proportion for a stock group is less than zero, the entire catch sample is reclassified with a function excluding that stock group. This process is repeated until all adjusted estimated proportions are positive.

The variance and 90% confidence intervals of the adjusted estimates of stock proportions were computed according to Pella and Robertson (1979). Variance-covariance matrices for the misclassification matrix and the variances for the proportions of each stock are a function of (1) the sampling variation in estimation of the probability of assignment of the known stock group and (2) the sampling variation in estimation of the assignment composition of the mixed stock group.

DEVELOPING STANDARDS

Four major age classes (1.2, 1.3, 2.2, and 2.3) contributed 95% to 99% of the catch in District 106 and 108 in 1996-2000 except in District 108 in 2000 when the digitized age groups contributed 90% of the catch. Standards were developed for each age class for seven stock groups, except for age classes which contributed only a minor fraction of the escapement for a given stock group, since insufficient scales were available to build them. The stock groups were Alaska I, Alaska II, Nass River, Skeena River, Tahltan, non-Tahltan Stikine, and Tuya. Age-specific LDA models, where standards from a particular age class are used to classify catches of fish of the same age class, are used in the analysis to (1) account for differences in age composition among stocks, (2) remove potential bias due to differences in migratory timing of different age fish, and (3) eliminate the effect of different environmental conditions on the scale patterns of different age fish.

Because of the large amount of variation among Alaskan coastal stocks, two standards were developed to represent these stocks. Digitized scale collections from 12 sockeye systems in central and southern Southeast Alaska were pooled to create the Alaska I standard. The number of samples included from each system was weighted by perceived run strength, geographic proximity of the system to District 106 and 108, and known migratory pathways. Although only samples from McDonald Lake were used to develop the Alaska II standard, classification studies have indicated that high portions of some other Alaskan systems, including Karta, Salmon Bay, and Naha Lakes classify as Alaska II. Standards for the Nass and Skeena stock groups were developed with scales sampled from gillnet test fisheries near the mouths of each river, using scales chosen through time in relation to test fishery CPUE. The Tahltan Lake standards were developed from scale samples collected throughout the migration of fish past Tahltan Lake weir,

weighted by fish abundance passing through the weir. Scales from females with small diameter eggs collected in the inriver commercial and test fisheries were also used for the Tahltan standard. Craig (1985) found that female Tahltan Lake sockeye salmon could be differentiated from other female Stikine River sockeye salmon by the small size of their eggs. DFO uses analysis of egg diameters of inriver catches to estimate the contribution of Tahltan and non-Tahltan stock groups to the inriver commercial and test fishery catches (TTC 1992). We developed the non-Tahltan standards from inriver samples from female sockeye salmon that had large eggs and from males in late-season catches after egg diameter analysis revealed that all Tahltan fish had migrated through the fishery.

The desired sample size for each age-specific standard is 200 fish per stock. Conrad (1985) showed that, over a wide range of classification accuracies, only a minimal decrease in the variance of stock composition estimates was achieved by enlarging sample sizes of standards above 200. We achieved this sample size goal for age-1.3 fish for all stock groups, however, for age-1.2, 2.2, and 2.3 fish we often did not have 200 samples therefore we used as many samples as were available (Appendix A).

CLASSIFICATION OF CATCHES

Postseason

The desired sample size for "unknown" or mixed-stock samples from the catches is 100 per age class per fishing period. Conrad (1985) analyzed scale pattern data and showed that, within a wide range of classification accuracies, the variance of stock composition estimates decreases rapidly as the sample size of unknowns is increased from 50 to 100, but further increases in sample size have a lesser effect on the variance.

Stock contributions were estimated for each week to track temporal patterns; however, in some weeks catches were small and samples of the less common age groups were insufficient for classification unless they were pooled with the adjacent week's sample. Age-1.2, 1.3, 2.2, and 2.3 fish were classified with LDA. To calculate stock contributions, first let C_{ijt} denote the catch of fish of age i in group j in period t. Then, let C_t denote the total catch in period t, and let P_{it} denote the estimated proportions of fish of age i in the catch in period t, and finally, let S_{ijt} denote the proportion of fish of age i and estimated with LDA to be in group j. Then by simply multiplying the total catch by the appropriate estimated proportions, we arrive at the age-, group-, and period-specific catch estimate:

$$C_{ijt} = C_t \cdot P_{it} \cdot S_{ijt}.$$

The stock apportionment of the age groups not classified with LDA assumes the unclassified group belonging to any given stock in a catch was equal to the proportion of the combined LDA classified age classes. Let C_{mjt} represent the catch of fish of minor age classes of group j in period t and let C_t denote the total catch in period t (as above). Then let P_{mt} denote the estimated proportion of fish of unclassified age groups in the catch in period t, and $S_{.jt}$ denote the proportion of fish in all age classes belonging to group j in the catch in period estimated with LDA. Therefore,

$$C_{mjt} = C_t \cdot P_{mt} \cdot S_{.jt}$$

Age-0. fish were absent or extremely rare in Alaskan systems, Tahltan Lake, or the Skeena River. Age-0 fish are present in the early run Nass River stocks and in the Stikine stocks. Stikine River stocks have historically composed 70% or more of the District 108 catch while Nass stocks have been only a minor catch component. Because of migratory routes and timing all age 0. fish in the District 108 catch are assumed to be of Stikine origin. As above, simplying multiplying the total catch by the appropriate estimated proportions results in the non-classified age-, group- and period-specific catch estimate.

The variances of the weekly and seasonal stock-composition estimates were estimated by the method reported in Oliver et al. (1985). The variance estimates are functions of (1) the accuracy of the age-specific functions used to classify the unknowns, (2) the sample size of each standard used to develop age-specific discriminant functions, (3) the proportions of each stock in the initial and in the adjusted stock-composition estimates, (4) the age-specific stock-composition sample sizes, (5) the age composition sample sizes, and (6) the catch size (Thompson 2002). However, it is a minimum estimate of variance since it does not include any variance for age classes not classified with LDA, any variance for stocks contributing no fish during a given week or any variance due to errors in aging or in reporting of catches. Variances of proportions of stock contributions are calculated with formulae from Pella and Robertson (1979).

TEST FISHERY CATCHES

Test fisheries were operated from mid-June through early July in 1998-2000 is District 108. Boats conducting the test fisheries used three different sized mesh in their gillnets.

RESULTS

The age and stock compositions of the weekly sockeye catches, and District 108 were estimated from mid-June through late September or October in Sub-districts 106-30, 106-41 (statistical weeks 25 or 26 to 38 to 42) and opened a week earlier in District 108 (statistical week 24 or 25) (Tables 1-5 and Appendix A). Most discriminant function accuracies ranged from 60% to 80%, depending on the stocks included and the age class (Appendix B). Catch per unit effort and migratory timing were calculated for all stock groups (Appendix C). The weekly catches by Sub-district and district for 1996 through 2000 were compared to historical catches (Appendix D). Results for thermal mark analysis for 1996 through 2000 are presented (Appendix E).

1996

The stock compositions of the weekly sockeye catches in Sub-districts 106-30, 106-41, and District 108 were estimated from mid-June through late September (statistical weeks 24 to 39). Of the 464,213 sockeye salmon harvested in Districts 106 and 108, 38.3% were of Alaska origin, 20.4% were of British Columbia origin, and 41.2% were of transboundary Stikine River origin (Table 1). Most discriminant function accuracies ranged from 62% to 87%, depending on the stocks included and the age class (Appendix B1-B4).

Sub-district 106-30 Catches

A total of 87,316 sockeye salmon were harvested in the Alaska Sub-district 106-30 drift gillnet fishery in 1996. An estimated 65.7% were of Alaska I and Alaska II origin, 32.3% were of

Table 1.-- Postseason estimated contribution of sockeye salmon stock groups to the Alaskan District 106 and 108 commercial drift gillnet catches, 1996. The last period in the "Catch by District" columns includes harvest through the end of the season.

		Catch by District				
Dates	Stock Group	106-30	106-41	108	Total	Percent
6/08-6/14	Alaska	Not	Not	5	5	5.0%
Week24	Nass/Skeena	Open	Open	14	14	15.8%
	Stikine			72	72	79.2%
	Total			91	91	
6/15-6/21	Alaska	287	728	801	1,816	20.4%
Week25	Nass/Skeena	61	675	279	1,015	11.4%
	Stikine	20	1,382	4,690	6,092	68.3%
	Total	368	2,785	5,770	8,923	
6/22-6/28	Alaska	1,096	3,235	656	4,987	7.3%
Week 26	Nass/Skeena	205	2,189	4,780	7,174	10.5%
	Stikine	12	20,681	35,646	56,339	82.2%
	Total	1,313	26,105	41,082	68,500	
6/29-7/05	Alaska	3,377	9,116	971	13,464	16.9%
Week 27	Nass/Skeena	988	2,033	2,137	5,158	6.5%
	Stikine	32	17,880	42,941	60,853	76.6%
	Total	4,397	29,029	46,049	79,475	
7/06-7/12	Alaska	6,664	14,422	2,701	23,788	33.6%
Week 28	Nass/Skeena	1,554	3,496	3,163	8,213	11.6%
	Stikine	348	12,178	26,344	38,870	54.8%
	Total	8,567	30,096	32,208	70,871	
7/13-7/19	Alaska	9,895	20,765	4,678	35,338	58.3%
Week 29	Nass/Skeena	2,899	4,980	418	8,297	13.7%
	Stikine	573	7,542	8,814	16,929	28.0%
	Total	13,367	33,287	13,910	60,564	
7/20-7/26	Alaska	16,558	20,752	5,098	42,408	61.5%
Week 30	Nass/Skeena	7,175	9,302	1,376	17,854	25.9%
	Stikine	352	2,905	5,403	8,660	12.6%
	Total	24,085	32,960	11,877	68,922	
7/27-8/02	Alaska	7,241	15,172	481	22,893	55.3%
Week 31	Nass/Skeena	3,445	13,157	145	16,747	40.4%
	Stikine	272	182	1,334	1,788	4.3%
	Total	10,958	28,510	1,960	41,428	
8/03-8/09	Alaska	7,861	11,959	181	20,002	51.5%
Wks 32	Nass/Skeena	8,515	9,291	174	17,979	46.3%
	Stikine	62	501	288	851	2.2%
	Total	16,438	21,750	643	38,831	
8/10-8/16	Alaska	2,809	5,028	61	7,898	52.0%
Week 33	Nass/Skeena	1,763	4,868	59	6,690	44.1%
	Stikine	34	467	97	598	3.9%
	Total	4,606	10,363	217	15,186	
8/17-8/23	Alaska	719	2,063	20	2,802	47.0%
Week 34	Nass/Skeena	778	2,259	19	3,056	51.3%
	Stikine	38	31	32	101	1.7%
	Total	1,535	4,353	72	5,960	
8/25-9/27	Alaska	827	1,663	76	2,567	47.0%
Wks. 35-39	Nass/Skeena	783	1,821	73	2,677	49.0%
	Stikine	72	25	121	218	4.0%
	Total	1,682	3,509	271	5,462	
	Alaska	57,333	104,904	15,731	177,967	38.3%
Season	Nass/Skeena	28,167	54,070	12,637	94,874	20.4%
Totals	Stikine	1,816	63,774	125,782	191,372	41.2%
	Total	87,316	222,747	154,150	464,213	

Nass/Skeena origin, and 2.1% were of transboundary Stikine River origin (Appendix C1). Age-1.3 fish comprised 62.2% of the catch (Appendix A1). Alaska stocks were the most abundant group in all age classes except for age-0. fish, where 100% of catch were attributed to the Stikine stock group. Alaska stocks dominated the catch in all weeks except weeks 32 and 34 when British Columbia stocks contributed an estimated 52% and 51% of the catch respectively. British Columbia stock contributions remained above 16% throughout the season. Transboundary Stikine River fish comprised no more than 6% of the weekly catch, with the Tahltan stock contributing a majority of the Stikine River fish for weeks 25-28 and non-Tahltan Stikine contributing the majority of fish throughout the remainder of the season; additionaly, the Tuya stock group had a peak apportionment of 0.7% of the commercial catch in week 29.

Catches and CPUE for all stocks were low during the first week of the season, increased through late June and early July, and peaked during early July through early August when catches per boat day ranged from 54-136 fish (Appendix C2). The peak of migratory timing, indicated by weekly proportion of CPUE, occurred first for Alaska I fish during weeks 28, followed by Alaska II, Nass, and Skeena fish, from week 30 to week 32. The CPUE for the Tahltan and the

non-Tahltan Stikine, and Tuya stock groups was too low to adequately estimate migratory timing other than indicate that the these Stikine River stocks had a relatively early run timing.

Of the Tahltan fish harvested an estimated 636 fish originated from the Tahltan Lake Fry planting program (Appendix E1). This was <1% of the total sockeye salmon harvest in Sub-district 106-30.

Sub-district 106-41 Catches

Of the 222,747 sockeye salmon harvested in the Sub-district 106-41 drift gillnet fishery in 1996, 47.1% were of Alaska I and Alaska II origin, 24.3% were of Nass/Skeena origin, and 28.6% were of transboundary Stikine River origin (Appendix C3). As in Sub-district 106-30, the majority of the catch, 64.4%, was comprised of age-1.3 fish, of which 44% were of Alaska origin and 35% were of transboundary origin. As in the age-1.3 fish, Alaska stocks were the most abundant group in the remaining age classes, with the exception of age-0. fish, where 100% of catch were attributed to the Stikine stock group. The Tahltan stock group was dominant in the catch at the start of the season, week 25, through to week 27, shifting to an Alaska I stock group dominated fishery throughout the remainder of the season; combined, British Columbia stocks comprised a larger proportion of the catch in weeks 34-39 than did the combined Alaska stocks.

The peak CPUE's occurred in late June and mid-July at 201 and 125 fish per boat day, respectively, remaining above 76 fish per boat day over the the period of 6/23/96-8/10/96.(Appendix C4). The migratory timing of Stikine River fish peaked, with a CPUE of 159 fish (79% of the total CPUE) in week 26, while the timing of the Alaska I, Alaska II, Nass, and Skeena stock groups peaked from mid-July to early August.

Of the Tahltan fish harvested an estimated 4,152 fish originated from the Tahltan Lake Fry planting program (Appendix E2). These were 2% of the Sub-district 106-41 harvest.

District 108 Catches

Of the 154,150 sockeye salmon harvested in the District 108 drift gillnet fishery 81.6% were of transboundary Stikine River origin, 10.2% of Alaska I and Alaska II origin, and 8.2% of Nass/Skeena River origin (Appendix C5). Age-1.3 fish comprised 78.8% and age-0. fish comprised 6.1% of the catch. The transboundary Stikine River stock group dominated the commercial catch in all age classes. The transboundary Stikine River fish dominated the catch throughout the entire season, with Alaska stocks contributing upwards of 43% of the catch in early to late July. The British Columbia stock group had a peak catch contribution of 27% in weeks 32-38.

The catch per boat day ranged from 63 to a peak of 105 fish from mid-June through late July (Appendix C6). The peak CPUE's of the Skeena, Tahltan, and Tuya stock groups occurred during late June, while the peak of the Alaska I, Alaska II, Nass, and non-Tahltan Stikine stock groups occurred from late July to early August. The Tahltan stock group had the highest stock specific CPUE of 78 fish in late June.

Of the Tahltan fish harvested an estimated 10,836 fish originated from the Tahltan Lake Fry planting program (Appendix E3). These were 4.9% of the District 108 harvest.

1997

The stock compositions of the weekly sockeye catches in Sub-districts 106-30, 106-41, and District 108 were estimated from mid-June through late September (statistical weeks 25 to 39). Of the 261,557sockeye salmon harvested in Districts 106 and 108, 38.1% were of Alaska origin, 21.5% were of British Columbia origin, and 40.3% of transboundary Stikine River origin (Table 2). Discriminant function accuracies ranged from 57% to 91%, depending on the stocks included and the age class (Appendix B5-B8).

Sub-district 106-30 Catches

A total of 49,843 sockeye salmon were harvested in the Alaska Sub-district 106-30 drift gillnet fishery in 1997. An estimated 64.4% were of Alaska I and Alaska II origin, 27.2% were of Nass/Skeena origin, and 8.5% were of transboundary Stikine River origin (Appendix C7). Age-1.3 fish comprised 75.2% of the catch. The Alaska stocks were the most abundant group in all age classes except for age-0. fish, where the Stikine stock group contributed 100% of catch. Nass/Skeena fish contributed 34%, 29%, and 21 % of the catch in the 1.2, 1.3, and 2.3 age classes respectively. The Alaska stock groups dominated the catch in weeks 25-33, after which the Skeena stock group dominated the catch for the remainder of the season, weeks 34-39. Transboundary Stikine River fish composed between 4.5% and 15.6% of the weekly catch throughout the entire season.

Catches and CPUE for all stocks were low during the first week of the season, increasing to a peak of 71 fish in late July, before declining through the rest of the season (Appendix C8). The peak of migratory timing, indicated by weekly proportion of CPUE, occurred first for Tuya River, non-Tahltan Stikine, and Alaska I fish in early to mid-July and was followed by Alaska II, Nass, and Skeena fish in late July and early August. The CPUE of the Tahltan stock group was too low to adequately estimate migratory timing other than indicate that the Tahltan group had an early August run timing.

Table 2.–Postseason estimated contribution of sockeye salmon stock groups to the Alaskan District 106 and 108 commercial drift gillnet catches, 1997. The last period in the 'Catch by District' columns includes harvest through the end of the season.

		Catch by District				
Dates	Stock Group	106-30	106-41	108	Total	Percent
6/09-6/15	Alaska	No	No	0	0	0.4%
Week 24	Nass/Skeena	Catch	Catch	25	25	25.4%
	Stikine			74	74	74.2%
	Total			100	100	
6/16-6/22	Alaska	183	1,496	30	1,709	16.3%
Week 25	Nass/Skeena	28	586	1,837	2,451	23.3%
	Stikine	39	955	5,359	6,353	60.4%
	Total	251	3,037	7,225	10,513	
6/23-6/29	Alaska	1,365	5,735	645	7,746	21.9%
Week 26	Nass/Skeena	212	6,999	4,275	11,486	32.4%
	Stikine	292	6,614	9,268	16,174	45.7%
	Total	1,869	19,348	14,189	35,406	
6/30-7/06	Alaska	3,157	11,012	706	14,875	23.9%
Week 27	Nass/Skeena	490	3,080	2,609	6,179	9.9%
	Stikine	674	10,136	30,403	41,213	66.2%
	Total	4,321	24,228	33,718	62,267	
7/07-7/13	Alaska	4,577	7,702	2,512	14,790	33.0%
Week 28	Nass/Skeena	727	2,591	2,344	5,662	12.6%
	Stikine	552	4,643	19,169	24,363	54.4%
	Total	5,856	14,936	24,024	44,816	
7/14-7/20	Alaska	4,697	7,207	443	12,347	53.2%
Week 29	Nass/Skeena	1,313	2,783	390	4,486	19.3%
	Stikine	514	689	5,160	6,363	27.4%
	Total	6,524	10,679	5,993	23,196	
7/21-7/27	Alaska	4,949	7,035	191	12,174	60.0%
Week 30	Nass/Skeena	1,983	2,810	97	4,890	24.1%
	Stikine	324	841	2,058	3,223	15.9%
	Total	7,256	10,686	2,345	20,287	
7/28-8/03	Alaska	5,236	5,849	358	11,442	52.8%
Week 31	Nass/Skeena	3,330	2,467	92	5,888	27.2%
	Stikine	459	410	3,481	4,350	20.1%
	Total	9,024	8,726	3,930	21,680	
8/04-8/10	Alaska	2,441	4,062	99	6,602	66.6%
Week 32	Nass/Skeena	381	1,328	24	1,733	17.5%
	Stikine	440	114	1,026	1,580	15.9%
	Total	3,262	5,504	1,149	9,915	
8/11-8/17	Alaska	1,717	5,207	24	6,948	68.6%
Week 33	Nass/Skeena	936	1,673	6	2,615	25.8%
	Stikine	124	190	247	561	5.5%
	Total	2,778	7,071	276	10,125	
8/18-8/24	Alaska	2,310	3,722	1	6,033	44.0%
Week 34	Nass/Skeena	2,535	4,453	0	6,988	51.0%
	Stikine	487	199	7	693	5.1%
	Total	5,332	8,374	8	13,714	
8/25-9/28	Alaska	1,460	3,604	7	5,071	53.2%
Wks. 35-39	Nass/Skeena	1,602	2,326	2	3,930	41.2%
	Stikine	308	156	73	537	5.6%
	Total	3,370	6,086	82	9,538	
	Alaska	32,092	62,632	5,014	99,739	38.1%
Season	Nass/Skeena	13,539	31,097	11,699	56,335	21.5%
Totals	Stikine	4,212	24,946	76,326	105,483	40.3%
	Total	49,843	118,675	93,039	261,557	

Of the Tahltan fish harvested, an estimated 750 fish originated from the Tahltan Lake Fry planting program (Appendix E4). These were 1.2% of the Sub-district 106-30 harvest.

Sub-district 106-41 Catches

Of the 118,675 sockeye salmon harvested in the Sub-district 106-41&42 drift gillnet fishery in 1997, 52.8% were of Alaska I and Alaska II origin, 26.2% were of Nass/Skeena origin, and 21.0% were of transboundary Stikine River origin (Appendix C9). As in Sub-district 106-30, the majority of the catch, 73.5%, was comprised of age-1.3 fish. Alaska stocks were the most abundant group in all age classes, with the exception of the non-Tahltan Stikine River stock group, which contributed 100% of age-0. fish. The stock with the highest proportion in the catch, by week, was predominately the Alaska I stock, which dominated the catch in week 25, weeks 27-33, and weeks 35-39; weeks 26 and 34 were dominated by the British Columbia stocks. Tahltan fish were caught through early August, with a peak catch of over 5,168 fish in week 27; while the stock composition of non-Tahltan Stikine fish ranged between approximately 1% and 6% throughout the season; additionally, the Tuya stock ranged from 18% to 22% from mid-June through mid-July before rapidly declining to trace levels in the ensuing weeks.

The peak CPUE's occurred in late June to early July at 99 and 96 fish per boat day (Appendix C10). The migratory timing of Nass, Tuya, Alaska I, Tahltan, and Stikine fish peaked in late June through mid-July while the timing of the Alaska II and Skeena stocks peaked in late July and mid-August respectively.

Of the Tahltan fish harvested an estimated 2,733 fish originated from the Tahltan Lake Fry planting program(Appendix E5). These were 2.3% of the Sub-district 106-41 harvest.

District 108 Catches

Of the 93,039 sockeye salmon harvested in the District 108 drift gillnet fishery 82.0% were of transboundary Stikine River origin, 5.4% of Alaska I and Alaska II origin, and 12.6% of Nass/Skeena River origin (Appendix C11). Age-1.3 fish comprised 77.4% and age-0. fish comprised 1.4% of the catch. The transboundary Stikine River group was the most abundant catch component in all age classes, including the age-0. fish, where 100% of the catch was attributed to the Stikine stock group. The Tahltan and Tuya stock groups dominated the catch in weeks 24-28 of the season (6/9/97-7/13/97), after which stock compositions shifted to non-Tahltan Stikine fish in weeks 29-36 (7/14/97-9/6/97). The Alaska and British Columbia stock groups were present in small quantities throughout the season, with peak single week catch proportions of 11% and 30% respectively.

The catch per boat day during weeks 24-31 (6/9/97-8/3/97) stayed above 40, with a peak of 90 fish during the week 27 of the season. The CPUE dropped to 9 during weeks 32-36 (Appendix C12). The peak CPUE's of the Alaska II, Nass, Tahltan, and Tuya stock groups occurred at the end of June and the beginning of July, while the peak CPUE's for the Alaska I, Skeena, and Stikine stocks occurred in early to mid-July. Transboundary stocks comprised a majority of the CPUE throughout the season. The week 27 peak and ensuing decline of the Tahltan and Tuya stocks was offset by a transition in the CPUE to a non-Tahltan Stikine stock majority from week 29 through the remainder of the season.

Of the Tahltan fish harvested an estimated 9,500 fish originated from the Tahltan Lake Fry planting program (Appendix E6). These were 10.2% of the District 108 harvest.

1998

The stock compositions of the weekly sockeye catches in Sub-districts 106-30, 106-41, and District 108 were estimated from mid-June through early October (statistical weeks 26 to 41). Of the 135,466 sockeye salmon harvested in Districts 106 and 108, 51.7% were of Alaska origin, 27.3% were of British Columbia origin, and 21.0% were of transboundary Stikine River origin (Table 3). Discriminant function accuracies ranged from 61% to 83%, depending on the stocks included and the age class (Appendix B9-B11).

Table 3.–Postseason estimated contribution of sockeye salmon stock groups to the Alaskan District 106 and 108 commercial drift gillnet catches, 1998. The last period in the "Catch by District" columns includes harvest through the end of the season.

		Catch by District				
Dates	Stock Group	106-30	106-41	108	Total	Percent
6/21-6/27	Alaska	340	1,532	154	2,026	21.3%
Week 26	Nass/Skeena	87	1,574	234	1,895	19.9%
	Stikine	210	3,554	1,836	5,600	58.8%
	Total	637	6,659	2,224	9,520	
6/28-7/04	Alaska	660	1,674	339	2,672	21.6%
Week 27	Nass/Skeena	169	1,964	35	2,168	17.5%
	Stikine	409	2,749	4,394	7,551	60.9%
	Total	1,238	6,386	4,768	12,392	
7/05-7/11	Alaska	1,472	5,767	808	8,047	38.5%
Week 28	Nass/Skeena	442	6,298	1,197	7,938	38.0%
	Stikine	214	1,134	3,558	4,906	23.5%
	Total	2,129	13,199	5,563	20,891	
7/12-7/18	Alaska	3,720	6,657	223	10,601	60.4%
Week 29	Nass/Skeena	1,230	3,089	118	4,437	25.3%
	Stikine	206	832	1,479	2,517	14.3%
	Total	5,157	10,578	1,820	17,555	
7/19-7/25	Alaska	4,687	8,125	732	13,545	71.5%
Week 30	Nass/Skeena	1,246	1,567	492	3,305	17.4%
	Stikine	260	497	1,340	2,096	11.1%
	Total	6,193	10,189	2,564	18,946	
7/26-8/01	Alaska	5,189	8,050	154	13,393	59.3%
Week 31	Nass/Skeena	1,225	4,062	151	5,438	24.1%
	Stikine	441	327	3,003	3,772	16.7%
	Total	6,855	12,439	3,308	22,602	
8/02-8/08	Alaska	4,032	5,043	75	9,149	55.5%
Week 32	Nass/Skeena	2,627	3,503	87	6,217	37.7%
	Stikine	115	137	875	1,127	6.8%
	Total	6,774	8,683	1,036	16,493	
8/09-8/15	Alaska	2,045	3,201	25	5,271	64.1%
Week 33	Nass/Skeena	521	2,021	29	2,572	31.3%
	Stikine	66	27	291	385	4.7%
	Total	2,633	5,249	345	8,227	
8/16-10/10	Alaska	2,178	3,120	29	5,327	60.3%
Wks 34-41	Nass/Skeena	567	2,407	34	3,007	34.0%
	Stikine	22	143	340	506	5.7%
	Total	2,767	5,670	403	8,840	
	Alaska	24,323	43,169	2,538	70,030	51.7%
Season	Nass/Skeena	8,116	26,485	2,377	36,977	27.3%
Totals	Stikine	1,944	9,399	17,116	28,459	21.0%
	Total	34,383	79,052	22,031	135,466	

Sub-district 106-30 Catches

A total of 34,383 sockeye salmon were harvested in the Alaska Sub-district 106-30 drift gillnet fishery in 1998. An estimated 70.7% were of Alaska I and Alaska II origin, 23.6% were of Nass/Skeena origin, and 5.7% were of transboundary Stikine River origin (Appendix C13). Age-1.3 fish comprised 65.1% of the catch. Alaska stocks were the most abundant group in the 1.2, 1.3, 2.2, and 2.3 age classes, while the Stikine stock group contributed 100% of age-0 fish. Alaska stocks dominated the catch throughout the season with peak contributions above 75%, followed by the British Columbia stock group with a range of between 14% and 39% of the weekly commercial catch. Transboundary Stikine River fish contributed below 10% of the commercial catch during most of the season, with the exception of a peak contribution of 33% in late June and early July.

Catches and CPUE for all stocks were low during the first week of the season, and then abruptly increased in early July, peaking with catches per boat day of 63 fish; followed by a continuous decline in CPUE from mid-July to the end of the season (Appendix C14). The peak of migratory timing, indicated by weekly proportion of CPUE, occurred first for Alaska I, Nass, and Tuya fish in early July and was followed by, Skeena, Tahltan, Stikine, and Alaska II fish, respectively, from mid-July to early August.

There were no thermally marked Tahltan Lake sockeye salmon recovered in the Sub-district 106-30 fishery samples (Appendix E7).

Sub-district 106-41 Catches

Of the 79,052 sockeye salmon harvested in the Sub-district 106-41 drift gillnet fishery in 1998, 54.6% were of Alaska I and Alaska II origin, 33.5% were of Nass/Skeena origin, and 11.9% were of transboundary Stikine River origin (Appendix C15). The majority of the catch, 66.0%, was comprised of age-1.3 fish. Alaska stocks were the most abundant group in the age-1.2, age-1.3, and age-2.3 catch, 74.2%, 54.7%, and 63.8%, respectively, while in the age-2.2 catch the British Columbia and Alaska stock groups were virtually equal at 39.0% and 38.7% of the catch, respectively. The Stikine stock group contributed 100% of age-0. fish. Initially, the transboundary Stikine River stocks dominated the catch from late June to early July, switching briefly to the British Columbia stock group during statistical week 28, and followed by the Alaska stock group from mid-July to the end of the season in early October.

The total CPUE during weeks 26-32 stayed above 40 fish per day, with a peak of 80 during week 28; and then in week 33 the CPUE dropped to 22 before declining further to levels <1% through the remainder of the season (Appendix C16). The peak migratory timing of the Tuya stock occured in late June (week 26), followed by the British Columbia stock group in early July (week 28) and the Alaska stock group in late July. The CPUE's of the Tahltan and the non-Tahltan Stikine stocks were too low to adequately estimate migratory timing other than indicate that both groups had a relatively early run timing.

Of the Tahltan fish harvested an estimated 201 fish originated from the Tahltan Lake Fry planting program (Appendix E8). These were 0.3% of the District 108 harvest.

District 108 Catches

Of the 22,031 sockeye salmon harvested in the District 108 drift gillnet fishery 77.6% were of transboundary Stikine River origin, 11.5% of Alaska I and Alaska II origin, and 10.8% of Nass/Skeena River origin (Appendix C17). Age-1.3 fish comprised 76.1% and age-0. fish comprised 1.4% of the catch. The transboundary Stikine River stock group was the most abundant catch component in all age classes, with the component stocks dominating the catch in all but the 1.2 age class, where the Alaska I stock group comprised the largest individual stock proportion. As in past years, 100% of the age-0. fish were apportioned to the non-Tahltan Stikine stock group. Trending together, catch proportions for the Tahltan and Tuya stock groups combined to contribute 69.6%, 83.7%, and 44.9% of the catch in the first three weeks of the season, respectively; the Stikine stock group dominated the catch in the remaining weeks of the season (7/12/05-10/10/05), with catch proportions ranging between 42.0% and 80.4%. The Alaska and British Columbia stock groups were present in small numbers throughout the season, with individual stock compositions ranging up to 27%, as seen in the Alaska I stock group.

The total catch per boat day during weeks 26-31 (6/21/98-7/25/98) varied above 31 fish per day, with a peak CPUE of 68 fish during week 30 (7/19/98-7/25/98). CPUE declined to 28 fish per day in week 31, and then dropped to 4 fish per day over the remainder of the season, weeks 32-41 (Appendix C18). The peak CPUE's of the Tahltan, Tuya, and Nass stocks occurred from late June to early July, while the peak CPUE's for the Alaska I, Skeena, and Stikine stocks occurred in late July. The CPUE of the Alaska II stock was too low to adequately estimate migratory timing other than indicate that the stock had a July run timing. Transboundary stocks comprised a majority of the CPUE throughout the season; the second week peak and ensuing decline in catch of the Tahltan and Tuya stocks was offset by a transition in the CPUE to a non-Tahltan Stikine stock dominated catch for the remainder of the season.

Of the Tahltan fish in the harvest an estimated 170 fish originated from the Tahltan Lake Fry planting program (Appendix E9). These were 0.7% of the District 108 harvest.

Test Fishery Catches

The District 108 test fishery catch was 3,510 fish (Appendices C19). An estimated 89.4% of the test fishery catches, 3,139 fish, were of Stikine River origin. Weekly catches, using the 5.25 and 5.625 mesh size, were of similar size in the first 2 weeks of the 3 week test fishery, while in the third week of the season, the component of the fishery using the 5.25 mesh size resulted in a peak catch of 966, more than double the two other mesh sizes used.

1999

The stock compositions of the weekly sockeye catches in Sub-districts 106-30, 106-41, and District 108 were estimated from mid-June through early October (statistical weeks 26 to 42). Of the 141,436 sockeye salmon harvested in Districts 106 and 108, 53.3% were of Alaska origin, 7.8% were of British Columbia origin, and 38.9% were of transboundary Stikine River origin (Table 4). Discriminant function accuracies ranged from 59% to 77%, depending on the stocks included and the age class (Appendix B12-B15).

Table 4.–Postseason estimated contribution of sockeye salmon stock groups to the Alaskan District 106 and 108 commercial drift gillnet catches, 1999. The last period in the 'Catch by District' columns includes harvest through the end of the season.

		Catch by District				
Dates	Stock Group	106-30	106-41	108	Total	Percent
6/20-6/26	Alaska	506	2,609	412	3,527	34.9%
Week 26	Nass/Skeena	74	530	13	617	6.1%
	Stikine	107	3,646	2,197	5,951	58.9%
	Total	687	6,785	2,623	10,095	
6/27-7/03	Alaska	973	3,452	1,080	5,505	25.7%
Week 27	Nass/Skeena	142	1,952	229	2,323	10.8%
	Stikine	206	3,044	10,366	13,617	63.5%
	Total	1,321	8,448	11,675	21,444	
7/04-7/10	Alaska	1,786	3,846	1,135	6,767	43.9%
Week 28	Nass/Skeena	260	857	267	1,384	9.0%
	Stikine	378	1,685	5,207	7,271	47.1%
	Total	2,425	6,387	6,609	15,421	
7/11-7/17	Alaska	1,511	6,214	334	8,059	52.8%
Week 29	Nass/Skeena	156	624	105	884	5.8%
	Stikine	299	2,373	3,640	6,311	41.4%
	Total	1,965	9,211	4,078	15,254	
7/18-7/24	Alaska	7,879	10,414	629	18,922	60.3%
Week 30	Nass/Skeena	363	649	398	1,410	4.5%
	Stikine	1,480	3,840	5,748	11,067	35.2%
	Total	9,722	14,902	6,775	31,399	
7/25-7/31	Alaska	5,567	7,922	1,382	14,871	67.7%
Week 31	Nass/Skeena	116	949	202	1,267	5.8%
	Stikine	392	3,744	1,697	5,833	26.6%
	Total	6,075	12,615	3,281	21,971	
8/01-8/07	Alaska	3,388	4,709	144	8,240	69.3%
Week 32	Nass/Skeena	360	914	50	1,323	11.1%
	Stikine	452	1,287	581	2,320	19.5%
	Total	4,199	6,910	775	11,884	
8/08-8/14	Alaska	2,130	2,823	57	5,010	67.1%
Week 33	Nass/Skeena	576	451	20	1,047	14.0%
	Stikine	549	635	230	1,414	18.9%
	Total	3,255	3,909	307	7,471	
8/15-10/16	Alaska	1,261	3,130	89	4,479	68.9%
Wks 34-42	Nass/Skeena	230	458	31	719	11.1%
	Stikine	370	570	358	1,299	20.0%
	Total	1,861	4,158	478	6,497	
	Alaska	25,001	45,117	5,262	75,380	53.3%
Season	Nass/Skeena	2,276	7,384	1,314	10,974	7.8%
Totals	Stikine	4,234	20,824	30,025	55,083	38.9%
	Total	31,510	73,325	36,601	141,436	

Sub-district 106-30 Catches

A total of 31,510 sockeye salmon were harvested in the Alaska Sub-district 106-30 drift gillnet fishery in 1999. An estimated 79.3% were of Alaska I and Alaska II origin, 7.2% were of Nass/Skeena origin, and 13.4% were of transboundary Stikine River origin (Appendix C20). Age-1.3 fish comprised 66.5% of the catch. Alaska stocks were the most abundant catch component in the 1.2, 1.3, 2.2, and 2.3 age classes, with catch proportions between 54% and 91%. The Stikine stock group contributed 100% of age-0 fish. Alaska stocks dominated the catch in every week, maintaining a stock composition of between 65% and 92% throughout the entire season; in comparison, transboundary Stikine River stocks ranged between 7% to 20% and British Columbia stocks ranged between 2% and 18% over the entire season.

The total catch per boat day increased during the first five weeks of the season, peaking during the week of 7/18/99-7/24/99 when catches per boat day were 68 fish (Appendix C21). The peak of migratory timing, indicated by weekly proportion of CPUE, occurred first for Tuya fish in late June to early July, followed by Nass fish in mid-July, continuing with Alaska I, Tahltan, Stikine, and Alaska II in mid- to late July, and then finishing with Skeena fish from early to mid-August.

Of the Tahltan fish in the harvest an estimated 22 fish originated from the Tahltan Lake thermal mark program. (Appendix E12). These were 0.2% of the Sub-district 106-30 harvest.

Sub-district 106-41&42 Catches

Of the 73,325 sockeye salmon harvested in the Sub-district 106-41&42 drift gillnet fishery in 1999, 61.5% were of Alaska I and Alaska II origin, 10.1% were of Nass/Skeena origin, and 28.4% were of transboundary Stikine River origin (Appendix C22). As in Sub-district 106-30, the majority of the catch, 64.7%, was comprised of age-1.3 fish. Alaska stocks were the most abundant group in the age-1.2, age-1.3, age-2.3 catch, with 73.3%, 65.7%, and 64.4% respectively, while the British Columbia stocks comprised 42.3% of the age-2.2 fish. As in the previous year, the Stikine stock group contributed 100% of age-0 fish. Transboundary Stikine River stocks dominated the catch in week 26, shifting to an Alaska stock group dominated catch in weeks 27 through 42.

The catch per boat day started out relatively high at 53 fish in late June, peaking with CPUE's of 60 and 61 in mid- to late July. The CPUE declined steadily, by approximately 13-15 fish per week, from a catch per boat day of 42 in late July, until the total CPUE reached trace levels in mid-August through the end of the season (Appendix C23). The peak migratory timing of Tahltan, Nass, and Tuya fish occured in late June to early July, continued with the Alaska stocks in mid- to late July, and finished with Skeena and Stikine stocks into late July.

Of the Tahltan fish in the harvest an estimated 266 fish originated from the Tahltan Lake thermal mark program. (Appendix E13). These were 0.4% of the Sub-district 106-41 harvest.

District 108 Catches

Of the 36,601 sockeye salmon harvested in the District 108 drift gillnet fishery 82.0% were of transboundary Stikine River origin, 14.4% of Alaska I and Alaska II origin, and 3.6% of Nass/Skeena River origin (Appendix C24). Age-1.3 fish comprised 64.4% and age-0. fish comprised 2.0% of the catch. The transboundary Stikine River fish were the most abundant catch component in all age classes, with catch composition estimates ranging between 61% and 100%. The transboundary Stikine River stock group also dominated the weekly catch throughout the season, with weekly catch compositions ranging as high as 89.2%. The British Columbia and Alaska stock groups were present in small numbers throughout the season, with the exception of the Alaska stock group contributing 42% of the catch in late July.

The catch per boat day from late June to mid-July stayed above 34 fish, with a peak of 73 fish during week 27 (6/27/99-7/3/99); while during the period of late July to early Agust the CPUE declined from 24 to 2 fish per boat day, at which level the CPUE remained for the rest of the season. (Appendix C25). The peak CPUE's for the Tahltan, and Tuya stock groups occurred from

late June to beginning of July, and continued with the Alaska I and Stikine stocks in early and late July, respectively. The CPUE's of the Alaska II, Nass, and Skeena stock groups were too low to adequately estimate migratory timing other than to indicate that both groups had a relatively early run timing.

Of the Tahltan fish in the harvest an estimated 876 fish originated from the Tahltan Lake thermal mark program. (Appendix E14). These were 2.2% of the District 108 harvest.

Test Fishery Catches

Of the 4,801 sockeye salmon harvested in the District 108 test drift gillnet fishery 81.9% were of transboundary Stikine River origin, 16.2% of Alaska I and Alaska II origin, and 1.9% of Nass/Skeena River origin (Appendix C26). An estimated 69.3% of the test fishery catches, 3,325 fish, were assumed to be age-1.3 fish, with the remainder being 12% age-2.2 fish, 8% age-2.3, 7% age-1.2 fish, and 1% .0-age fish. Weekly catches were assumed to have the same age and stock compositions as the commercial catches for the same area/time strata.

2000

The stock compositions of the weekly sockeye catches in Sub-districts 106-30, 106-41, and District 108 were estimated from mid-June through late September (statistical weeks 26 to 39). Of the 105,909 sockeye salmon harvested in Districts 106 and 108, 57.3% were of Alaska origin, 21.6% were of British Columbia origin, and 21.1% were of transboundary Stikine River origin (Table 5). Discriminant function accuracies ranged from 60% to 83%, depending on the stocks included and the age class (Appendix B16-B19).

Sub-district 106-30 Catches

A total of 32,213 sockeye salmon were harvested in the Alaska Sub-district 106-30 drift gillnet fishery in 2000. An estimated 69.9% were of Alaska I and Alaska II origin, 25.1% Nass/Skeena origin, and 5.0% were of transboundary Stikine River origin (Appendix C27). Age-1.3 fish comprised 44.6% of the catch. Alaska stocks were the most abundant group in the 1.3, 2.2, and 2.3 age classes, while the British Columbia stocks dominated the age-1.2 catch. The transboundary Stikine River stock group contributed 100% of age-0. fish. The Alaska I stock dominated the catch in all weeks of the season, followed by the British Columbia and transboundary Stikine River stock groups, with respective stock composition ranges of 17%-39% and <1%-15%.

Catches and CPUE for all stocks were low during the first two weeks of the season, increased in early July, peaked during the week of 7/9/00-7/15/00 when catches per boat day were 66 fish, and declined to a catch of 1 fish per boat day during weeks 34-39 of the season. (Appendix C28). The peak of migratory timing, indicated by weekly proportion of CPUE, occurred first with Tuya fish in early July, followed by Alaska I, and then by Nass and Skeena fish from mid- to late July. The CPUE's of the Alaska II, Tahltan, and Stikine stock groups were too low to adequately estimate migratory timing. There were no Tahltan thermal marks recovered from Sub-district 106-30 samples in 2000 (Appendix E17).

Table 5.–Postseason estimated contribution of sockeye salmon stock groups to the Alaskan District 106 and 108 commercial drift gillnet catches, 2000. The last data in the 'Catch by District' columns includes harvest through the end of the season.

		Catch by District				
Dates	Stock Group	106-30	106-41	108	Total	Percent
6/18-6/24	Alaska	245	1,653	122	2,020	43.3%
Week 26	Nass/Skeena	71	332	56	458	9.8%
	Stikine	48	998	1,144	2,189	46.9%
	Total	363	2,982	1,322	4,667	
6/25-7/01	Alaska	1,050	4,241	476	5,767	33.6%
Week 27	Nass/Skeena	302	1,835	620	2,758	16.1%
	Stikine	204	4,650	3,775	8,629	50.3%
	Total	1,556	10,726	4,872	17,154	
7/2-7/8	Alaska	2,625	5,218	297	8,140	53.1%
Week 28	Nass/Skeena	646	1,695	202	2,543	16.6%
	Stikine	557	2,257	1,828	4,642	30.3%
	Total	3,827	9,171	2,327	15,325	
7/09-7/15	Alaska	7,055	7,776	522	15,353	69.1%
Week 29	Nass/Skeena	1,538	1,583	168	3,289	14.8%
	Stikine	334	949	2,288	3,571	16.1%
	Total	8,927	10,307	2,979	22,213	
7/16-7/22	Alaska	5,467	6,680	989	13,136	63.3%
Week 30	Nass/Skeena	3,159	2,411	167	5,737	27.6%
	Stikine	302	545	1,035	1,882	9.1%
	Total	8,928	9,636	2,191	20,755	
7/23-7/29	Alaska	2,205	5,068	553	7,826	63.9%
Week 31	Nass/Skeena	626	2,058	543	3,228	26.4%
	Stikine	144	694	349	1,187	9.7%
	Total	2,975	7,820	1,446	12,241	
7/30-8/05	Alaska	1,557	1,924	176	3,657	63.3%
Week 32	Nass/Skeena	558	1,201	172	1,931	33.4%
	Stikine	13	64	111	188	3.3%
	Total	2,128	3,189	459	5,776	
8/06-8/12	Alaska	1,574	1,803	71	3,448	65.1%
Week 33	Nass/Skeena	724	986	70	1,780	33.6%
	Stikine	10	11	45	65	1.2%
	Total	2,308	2,800	185	5,293	
8/13-8/19	Alaska	585	199	8	792	52.0%
Week 34	Nass/Skeena	374	333	8	715	46.9%
	Stikine	3	8	5	16	1.1%
	Total	962	540	21	1,523	
8/20-8/26	Alaska	53	199	3	255	64.2%
Wks. 35	Nass/Skeena	34	100	3	137	34.6%
	Stikine	0	2	2	5	1.2%
	Total	87	301	9	397	
8/20-9/23	Alaska	92	156	8	257	45.5%
Wks. 36-39	Nass/Skeena	59	231	8	299	52.9%
	Stikine	0	4	5	10	1.7%
	Total	152	391	22	565	
	Alaska	22,507	34,917	3,227	60,651	57.3%
Season	Nass/Skeena	8,091	12,766	2,018	22,875	21.6%
Totals	Stikine	1,615	10,180	10,588	22,383	21.1%
	Total	32,213	57,863	15,833	105,909	

Sub-district 106-41&42 Catches

Of the 57,863 sockeye salmon harvested in the Sub-district 106-41&42 drift gillnet fishery in 2000, 60.3% were of Alaska I and Alaska II origin, 22.1% were of Nass/Skeena origin, and 17.6% were of transboundary Stikine River origin (Appendix C29). As in Sub-district 106-30, the majority of the catch, 41.4%, was comprised of age-1.3 fish. Alaska stocks were the most

abundant group in the age-1.3 and age-2.3 catch, 81.6%, and 70.0% respectively, while the British Columbia stocks comprised 55.7% of the age-1.2 fish. The transboundary Stikine River stocks contributed 49.6% of the age-2.2 fish and 100% of age-0. fish. Alaska stocks dominated the catch in week 26, shifting briefly to a transboundary Stikine River dominated catch in week 27, before the Alaska stocks resumed dominance in weeks 28-33. British Columbia stocks dominated the catch in weeks 34-39, with the exception of week 35 when Alaska stocks contibuted 66% of the catch.

The CPUE for weeks 26-32 remained above 37 fish per day, with peak catches of 96 and 80 during weeks 27 and 28; while in weeks 33-39 the CPUE dropped from approximately 26 fish per day in week 33 to 0 fish per day in weeks 36-39. (Appendix C30). The migratory timing of Nass, Skeena and Tuya fish peaked during the week of 6/25/00-7/1/00, followed by the Alaska I and Alaska II stocks in mid-July and the Skeena and Stikine stocks in late July.

Of the Tahltan fish in the harvest an estimated 254 fish originated from the Tahltan Lake thermal mark program. (Appendix E18). These were 0.4% of the Sub-district 106-41 harvest.

District 108 Catches

Of the 15,833 sockeye salmon harvested in the District 108 drift gillnet fishery 66.9% were of transboundary Stikine River origin, 20.4% of Alaska I and Alaska II origin, and 12.7% of Nass/Skeena River origin (Appendix C31). Age-1.3 fish comprised 49.6% and age-0. fish comprised 3.2% of the catch. The transboundary Stikine River stocks were the most abundant age-1.2, age-1.3, age-2.2, and age-0. fish in the catch; while the British Columbia stocks comprised the largest proportion of the age-2.3 fish. The transboundary Stikine River stocks stock group dominated the catch in weeks 26-30 (6/18/00-7/22/00) of the season, after which the dominant stock composition shifted to the Alaska stocks, which maintained dominance through the end of the season in late September. The non-dominant stocks were present in small numbers throughout the season, with individual stocks contributing between 0% and 29% of the total weekly catch.

The catch per boat day during weeks 26-30 (6/18/00-7/22/00) remained above 37, with a peak of 66 fish during week 27 (6/25/00-7/1/00). The CPUE for weeks 31-39 was approximately 6 fish per boat day (Appendix C32). The peak CPUE's of the Tahltan, British Columbia, and Tuya stocks occurred from late June to early July, respectively, while the peak CPUE’s for the Alaska stocks and the Stikine stock occurred in mid-July. Transboundary stocks comprised a majority of the CPUE from mid-June to mid-July; therein the third week peak and ensuing decline of the Tuya stock was offset by a transition in the dominant stock to the non-Tahltan Stikine stock in weeks 29 and 30.

Of the Tahltan fish in the harvest an estimated 506 fish originated from the Tahltan Lake thermal mark program. (Appendix E19). These were 1.7% of the District 108 harvest.

Test Fishery Catches

Of the 4,686 sockeye salmon harvested in the District 108 test drift gillnet fishery 77.4% were of transboundary Stikine River origin, 11.0% of Alaska I and Alaska II origin, and 11.6% of Nass/Skeena River origin (Appendix C33). An estimated 45.6% of the test fishery catches, 2,137 fish, were assumed to be age-1.3 fish, with the remainder being 19.4% age-2.2 fish, 13.2% age-

2.3, 11.7% age-1.2 fish, and 1.9% age-0. fish. Weekly catches were assumed to have the same age and stock compositions as the commercial catches for the same area/time strata.

DISCUSSION

Catches in Sub-district106-30 during 1996 were higher than those of the previous 5 years, while catches in 1997-2000 were lower than those of the previous 5 years. The average catch was 47,053 compared to 62,900 fish in the 1991-1995 perdiod. Alaska stocks were the most abundant group in all years. Stikine River stocks were the least abundant in all years except for 1999 when there were fewer Nass/Skeena fish in the harvest. Catches in Sub-district 106-41 were highly variable. The harvest in 1996 was the highest since 1960 while the harvest in 2000 was the lowest since 1988. The average catch was 110,332 compared to 131,331 for the 1991-1995 period. As with Sub-district 106-30, Alaska stocks in Sub-district 106-41 were the most abundant group in all years. Stikine stocks were the least abundant group in 1997, 1998, and 2000 while the Nass/Skeena group was the least abundant group in 1996 and 1999. Catches in District 108 were highly variable during this period with a range of 57,863 to 222,747 fish, the latter was a record for the district. The average harvest was 64,331, compared to similar average of 64,312 fish in the 1991-1995 period. The Stikine stocks were the most abundant group in all years while the Nass/Skeena stocks were the least abundant group in 1996 and 1998-2000.

The Stikine River fry planting programs, in Tahltan and Tuya Lakes, produced the first substantial returns during the 1996-2000 period. Contributions of Tuya fish in District 106 ranged from 6,386 to 13,807 fish. In District 108 the contributions ranged from 5,746 to 12,296 fish. The inseason estimation of the Tuya contribution to U.S. harvests was based on the analysis of thermal marks from samples collected in the District 106 and 108 fisheries. The postseason analysis was based on the traditional scale pattern analysis. The thermal mark analysis is focused on broodyear while the scale analysis is age specific. The differences in the estimates in Appendix C (scale patterns) and Appendix E (thermal marks) are due to the differences in the two stock id methods and to the differences in the weighting by age vs broodyear. In general, the estimates for the season total contribution of all Tuya fish to a given fishery are close to each other. The scale pattern analysis is used to estimate the total contribution of the Tahltan fish; the scales from the planted and wild fish are not distinguishable from each other. The contributions of the wild Tahltan fish are estimated by subtracting the thermal mark estimates of the planted Tahltan fish from the scale pattern estimate of all Tahltan fish.

The contributions of Tahltan and Tuya fish estimated from thermal mark analysis of fishery samples provided support for the scale pattern stock contribution estimates. Both analyses show relatively early timing of the Tahltan/Tuya fish through these fisheries. Both also show that the Tahltan/Tuya stocks are relatively more abundant in District 108 than in Sub-district 106-41 and relatively less abundant in 106-30 than in the other fisheries.

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APPENDIX A. AGE COMPOSITION

Appendix A1.–Age composition of sockeye salmon in the Sub-district 106-30 gill net catch, 1996.

	Brood Year and Age Class											
	1993	1992	1992	1992	1991	1991	1991	1990	1990	1990	1989	
	0.2	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	Total
Statistical Week 25 (June 16–22)												
Sample Size		2	28			104	15		5	1	1	156
Percent		1.3	17.9			66.7	9.6		3.2	0.6	0.6	100.0
Std. Error		0.7	2.3			2.9	1.8		1.1	0.5	0.5	
Catch		5	66			246	35		12	2	2	368
Statistical Week 26 (June 23–29)												
Sample Size		1	17			101	13		9			141
Percent		0.7	12.1			71.6	9.2		6.4			100.0
Std. Error		0.7	2.6			3.6	2.3		2.0			
Catch		9	158			941	121		84			1,313
Statistical Week 27 (June 30–July 6)												
Sample Size			8			25	7		1			41
Percent			19.5			61.0	17.1		2.4			100.0
Std. Error			6.2			7.7	5.9		2.4			
Catch			858			2,681	751		107			4,397
Statistical Week 28 (July 7–13)												
Sample Size		9	56	1		262	55		46		1	430
Percent		2.1	13.0	0.2		60.9	12.8		10.7		0.2	100.0
Std. Error		0.7	1.6	0.2		2.3	1.6		1.5		0.2	
Catch		179	1,116	20		5,220	1,096		916		20	8,567
Statistical Week 29 (July 14–20)												
Sample Size	2	15	97			472	65	1	71			723
Percent	0.3	2.1	13.4			65.3	9.0	0.1	9.8			100.0
Std. Error	0.2	0.5	1.2			1.7	1.0	0.1	1.1			
Catch	37	277	1,793			8,727	1,202	18	1,313			13,367
Statistical Week 30 (July 21–27)												
Sample Size		7	127		1	398	73		53			659
Percent		1.1	19.3		0.2	60.4	11.1		8.0			100.0
Std. Error		0.4	1.5		0.1	1.9	1.2		1.0			
Catch		256	4,642		37	14,545	2,668		1,937			24,085
Statistical Week 31 (July 28–August 3)												
Sample Size		5	123			281	61		36			506
Percent		1.0	24.3			55.5	12.1		7.1			100.0
Std. Error		0.4	1.9			2.2	1.4		1.1			
Catch		108	2,664			6,085	1,321		780			10,958
Statistical Week 32 (August 4–10)												
Sample Size		2	93			342	59		34			530
Percent		0.4	17.5			64.5	11.1		6.4			100.0
Std. Error		0.3	1.6			2.0	1.3		1.0			
Catch		62	2,884			10,607	1,830		1,055			16,438
Statistical Week 33 (August 11–17)												
Sample Size		4	78			368	56	1	33	1		541
Percent		0.7	14.4			68.0	10.4	0.2	6.1	0.2		100.0
Std. Error		0.3	1.4			1.9	1.2	0.2	1.0	0.2		
Catch		34	664			3,132	477	9	281	9		4,606
Statistical Week 34 (August 18–24)												
Sample Size			42			233	48	1	21			345
Percent			12.2			67.5	13.9	0.3	6.1			100.0
Std. Error			1.6			2.2	1.6	0.3	1.1			
Catch			187			1,037	214	4	93			1,535
Statistical Weeks 35–38 (August 25–Sept. 21)												
Sample Size		5	20			141	30		16			212
Percent		2.4	9.4			66.5	14.2		7.5			100.0
Std. Error		1.0	1.9			3.0	2.2		1.7			
Catch		40	159			1,118	238		127			1,682
Combined Periods (Percentages are weighted by period catches)												
Sample Size	2	50	689	1	1	2,727	482	3	325	2	2	4,284
Percent	<0.1	1.1	17.4	<0.1	<0.1	62.2	11.4	<0.1	7.7	<0.1	<0.1	100.0
Std. Error	<0.1	0.2	0.7	<0.1	<0.1	0.9	0.6	<0.1	0.5	<0.1	<0.1	
Catch	37	970	15,191	20	37	54,339	9,953	31	6,705	11	22	87,316

Appendix A2.–Age composition of sockeye salmon in the Sub-district 106-41 gill net catch, 1996.

	Brood Year and Age Class									
	1992	1992	1991	1991	1990	1990	1990	1989	1989	
	0.3	1.2	1.3	2.2	1.4	2.3	3.2	2.4	3.3	Total
Statistical Week 25 (June 16–22)										
Sample Size	7	30	222	16		18				293
Percent	2.4	10.2	75.8	5.5		6.1				100.0
Std. Error	0.8	1.7	2.4	1.3		1.3				
Catch	67	285	2,110	152		171				2,785
Statistical Week 26 (June 23–29)										
Sample Size	15	26	378	31		34		1		485
Percent	3.1	5.4	77.9	6.4		7.0		0.2		100.0
Std. Error	0.8	1.0	1.9	1.1		1.1		0.2		
Catch	807	1,399	20,346	1,669		1,830		54		26,105
Statistical Week 27 (June 30–July 6)										
Sample Size	13	45	357	59	1	24		1		500
Percent	2.6	9.0	71.4	11.8	0.2	4.8		0.2		100.0
Std. Error	0.7	1.3	2.0	1.4	0.2	0.9		0.2		
Catch	755	2,613	20,727	3,425	58	1,393		58		29,029
Statistical Week 28 (July 7–13)										
Sample Size	11	42	269	41		34	1	1		399
Percent	2.8	10.5	67.4	10.3		8.5	0.3	0.3		100.0
Std. Error	0.8	1.5	2.3	1.5		1.4	0.2	0.2		
Catch	830	3,168	20,290	3,093		2,565	75	75		30,096
Statistical Week 29 (July 14–20)										
Sample Size	17	51	181	28		19				296
Percent	5.7	17.2	61.1	9.5		6.4				100.0
Std. Error	1.3	2.2	2.8	1.7		1.4				
Catch	1,912	5,735	20,354	3,149		2,137				33,287
Statistical Week 30 (July 21–27)										
Sample Size	5	136	319	55		31				546
Percent	0.9	24.9	58.4	10.1		5.7				100.0
Std. Error	0.4	1.8	2.1	1.3		1.0				
Catch	302	8,210	19,257	3,320		1,871				32,960
Statistical Week 31 (July 28–August 3)										
Sample Size	4	168	334	76	1	42			3	628
Percent	0.6	26.8	53.2	12.1	0.2	6.7			0.5	100.0
Std. Error	0.3	1.7	2.0	1.3	0.2	1.0			0.3	
Catch	182	7,627	15,163	3,450	45	1,907			136	28,510
Statistical Week 32 (August 4–10)										
Sample Size	1	123	317	74	2	49				566
Percent	0.2	21.7	56.0	13.1	0.4	8.7				100.0
Std. Error	0.2	1.7	2.1	1.4	0.2	1.2				
Catch	38	4,727	12,181	2,844	77	1,883				21,750
Statistical Week 33 (August 11–17)										
Sample Size	1	71	420	42		61				595
Percent	0.2	11.9	70.6	7.1		10.3				100.0
Std. Error	0.2	1.3	1.8	1.0		1.2				
Catch	17	1,237	7,315	732		1,062				10,363
Statistical Weeks 34–38 (August 18–Sept. 28)										
Sample Size	1	63	367	41		30	1			503
Percent	0.2	12.5	73.0	8.2		6.0	0.2			100.0
Std. Error	0.2	1.4	1.9	1.2		1.0	0.2			
Catch	16	985	5,735	641		469	16			7,862
Combined Periods (Percentages are weighted by period catches)										
Sample Size	75	755	3,164	463	4	342	2	3	3	4,811
Percent	2.2	16.2	64.4	10.1	0.1	6.9	<0.1	0.1	0.1	100.0
Std. Error	0.3	0.6	0.8	0.5	<0.1	0.4	<0.1	<0.1	<0.1	
Catch	4,926	35,986	143,478	22,475	180	15,288	91	187	136	222,747

Appendix A3.–Age composition of sockeye salmon in the District 108 gill net catch, 1996.

	Brood Year and Age Class									
	1993	1992	1992	1991	1991	1991	1990	1990	1989	
	0.2	0.3	1.2	0.4	1.3	2.2	1.4	2.3	2.4	Total
Statistical Week 24 (June 9–15)										
Sample Size		8	1	1	43		1	2		56
Percent		14.3	1.8	1.8	76.8		1.8	3.6		100.0
Std. Error		2.9	1.1	1.1	3.5		1.1	1.6		
Catch		13	2	2	69		2	3		91
Statistical Week 25 (June 16–22)										
Sample Size		16	6		217	5	1	12		257
Percent		6.2	2.3		84.4	1.9	0.4	4.7		100.0
Std. Error		1.5	0.9		2.2	0.8	0.4	1.3		
Catch		359	135		4,873	112	22	269		5,770
Statistical Week 26 (June 23–29)										
Sample Size		18	21		495	29		18		581
Percent		3.1	3.6		85.2	5.0		3.1		100.0
Std. Error		0.7	0.8		1.5	0.8		0.7		
Catch		1,273	1,485		35,000	2,051		1,273		41,082
Statistical Week 27 (June 30–July 6)										
Sample Size		23	14		413	34	1	25	1	511
Percent		4.5	2.7		80.8	6.7	0.2	4.9	0.2	100.0
Std. Error		0.9	0.7		1.7	1.1	0.2	0.9	0.2	
Catch		2,073	1,262		37,217	3,064	90	2,253	90	46,049
Statistical Week 28 (July 7–13)										
Sample Size	1	31	25		378	75		16		526
Percent	0.2	5.9	4.8		71.9	14.3		3.0		100.0
Std. Error	0.2	1.0	0.9		1.9	1.5		0.7		
Catch	61	1,898	1,531		23,146	4,592		980		32,208
Statistical Week 29 (July 14–20)										
Sample Size	1	52	21		288	16		9		387
Percent	0.3	13.4	5.4		74.4	4.1		2.3		100.0
Std. Error	0.3	1.7	1.1		2.2	1.0		0.8		
Catch	36	1,869	755		10,352	575		323		13,910
Statistical Week 30 (July 21–27)										
Sample Size	1	63	33		371	29		20		517
Percent	0.2	12.2	6.4		71.8	5.6		3.9		100.0
Std. Error	0.2	1.4	1.1		1.9	1.0		0.8		
Catch	23	1,447	758		8,524	666		459		11,877
Statistical Week 31–39 (July 28–Sept. 28)										
Sample Size	3	42	29		337	12	2	28		453
Percent	0.7	9.3	6.4		74.4	2.6	0.4	6.2		100.0
Std. Error	0.4	1.3	1.1		1.9	0.7	0.3	1.0		
Catch	21	293	202		2,353	84	14	196		3,163
Combined Periods (Percentages are weighted by period catches)										
Sample Size	6	253	150	1	2,542	200	5	130	1	3,288
Percent	0.1	6.0	4.0	<0.1	78.8	7.2	0.1	3.7	0.1	100.0
Std. Error	<0.1	0.4	0.4	<0.1	0.8	0.5	0.1	0.4	0.1	
Catch	141	9,225	6,130	2	121,534	11,144	128	5,756	90	154,150

Appendix A4.–Age composition of sockeye salmon in the Sub-district 106-30 gill net catch, 1997.

	Brood Year and Age Class							
	1993	1993	1992	1992	1991	1991	1990	
	0.3	1.2	1.3	2.2	1.4	2.3	2.4	Total
Statistical Weeks 25–28 (June 15–July 12)								
Sample Size	2	9	69	3		6		89
Percent	2.2	10.1	77.5	3.4		6.7		100.0
Std. Error	1.6	3.2	4.4	1.9		2.7		
Catch	276	1,244	9,533	415		829		12,297
Statistical Week 29 (July 13–19)								
Sample Size	10	17	158	8		23	1	217
Percent	4.6	7.8	72.8	3.7		10.6	0.5	100.0
Std. Error	1.6	1.8	1.8	1.3		2.1	0.5	
Catch	301	511	4,750	241		691	30	6,524
Statistical Week 30 (July 20–26)								
Sample Size	16	33	371	24	2	59		505
Percent	3.2	6.5	73.5	4.8	0.4	11.7		100.0
Std. Error	0.8	1.1	1.9	0.9	0.3	1.4		
Catch	230	474	5,330	345	29	848		7,256
Statistical Week 31 (July 27–August 2)								
Sample Size	12	31	393	23	2	82		543
Percent	2.2	5.7	72.4	4.2	0.4	15.1		100.0
Std. Error	0.6	1.0	1.9	0.8	0.3	1.5		
Catch	199	515	6,532	382	33	1,363		9,024
Statistical Week 32 (August 3–9)								
Sample Size	21	36	407	23	2	75		564
Percent	3.7	6.4	72.2	4.1	0.4	13.3		100.0
Std. Error	0.7	0.9	1.7	0.8	0.2	1.3		
Catch	121	208	2,354	133	12	434		3,262
Statistical Week 33 (August 10–16)								
Sample Size	3	11	177	7	1	29		228
Percent	1.3	4.8	77.6	3.1	0.4	12.7		100.0
Std. Error	0.7	1.4	2.6	1.1	0.4	2.1		
Catch	37	134	2,157	85	12	353		2,778
Statistical Weeks 34–39 (August 17–Sept. 27)								
Sample Size	10	41	417	11		53		532
Percent	1.9	7.7	78.4	2.1		10.0		100.0
Std. Error	0.6	1.1	1.7	0.6		1.3		
Catch	164	671	6,820	180		867		8,702
Combined Periods (Percentages are weighted by period catches)								
Sample Size	74	178	1,992	99	7	327	1	2,678
Percent	2.7	7.5	75.2	3.6	0.2	10.8	0.1	100.0
Std. Error	0.5	0.9	1.3	0.6	0.1	0.8	0.1	
Catch	1,328	3,757	37,476	1,781	86	5,385	30	49,843

Appendix A5.–Age composition of sockeye salmon in the Sub-district 106-41 gill net catch, 1997.

	Brood Year and Age Class									
	1994	1993	1993	1992	1992	1991	1991	1990	1990	
	0.2	0.3	1.2	1.3	2.2	1.4	2.3	2.4	3.3	Total
Statistical Week 25 (June 15–21)										
Sample Size		3	20	225	28		19			295
Percent		1.0	6.8	76.3	9.5		6.4			100.0
Std. Error		0.6	1.4	2.4	1.6		1.4			
Catch		31	206	2,316	288		196			3,037
Statistical Week 26 (June 22–28)										
Sample Size	1	7	42	436	39		42			567
Percent	0.2	1.2	7.4	76.9	6.9		7.4			100.0
Std. Error	0.2	0.5	1.1	1.7	1.0		1.1			
Catch	34	239	1,433	14,878	1,331		1,433			19,348
Statistical Week 27 (June 29–July 5)										
Sample Size		1	23	251	24	2	42	1		344
Percent		0.3	6.7	73.0	7.0	0.6	12.2	0.3		100.0
Std. Error		0.3	1.3	2.4	1.4	0.4	1.8	0.3		
Catch		70	1,620	17,679	1,690	141	2,958	70		24,228
Statistical Week 28 (July 6–12)										
Sample Size		2	22	173	12	1	19			229
Percent		0.9	9.6	75.5	5.2	0.4	8.3			100.0
Std. Error		0.6	1.9	2.8	1.5	0.4	1.8			
Catch		130	1,435	11,284	783	65	1,239			14,936
Statistical Week 29 (July 13–19)										
Sample Size	1	11	45	416	33	2	64			572
Percent	0.2	1.9	7.9	72.7	5.8	0.3	11.2			100.0
Std. Error	0.2	0.6	1.1	1.8	0.9	0.2	1.3			
Catch	19	205	840	7,767	616	37	1,195			10,679
Statistical Week 30 (July 20–26)										
Sample Size		16	52	393	31		68			560
Percent		2.9	9.3	70.2	5.5		12.1			100.0
Std. Error		0.7	1.2	1.9	0.9		1.3			
Catch		305	992	7,499	592		1,298			10,686
Statistical Week 31 (July 27–August 2)										
Sample Size		16	52	343	14	1	67		2	495
Percent		3.2	10.5	69.3	2.8	0.2	13.5		0.4	100.0
Std. Error		0.8	1.3	2.0	0.7	0.2	1.5		0.3	
Catch		282	917	6,046	247	18	1,181		35	8,726
Statistical Week 32 (August 3–9)										
Sample Size		6	36	374	20		80		1	517
Percent		1.2	7.0	72.3	3.9		15.5		0.2	100.0
Std. Error		0.4	1.1	1.9	0.8		1.5		0.2	
Catch		64	383	3,981	213		852		11	5,504
Statistical Week 33 (August 10–16)										
Sample Size		13	41	383	24	1	66	1	1	530
Percent		2.5	7.7	72.3	4.5	0.2	12.5	0.2	0.2	100.0
Std. Error		0.6	1.1	1.9	0.9	0.2	1.4	0.2	0.2	
Catch		173	547	5,111	320	13	881	13	13	7,071
Statistical Weeks 34–39 (August 17–Sept. 27)										
Sample Size		14	106	794	34		137			1085
Percent		1.3	9.8	73.2	3.1		12.6			100.0
Std. Error		0.3	0.9	1.3	0.5		1.0			
Catch		187	1,413	10,581	453		1,826			14,460
Combined Periods (Percentages are weighted by period catches)										
Sample Size	2	89	439	3,788	259	7	604	2	4	5,194
Percent	<0.1	1.4	8.2	73.4	5.5	0.2	11.0	0.1	<0.1	100.0
Std. Error	<0.1	0.2	0.5	0.8	0.4	0.1	0.5	0.1	<0.1	
Catch	53	1,686	9,786	87,142	6,533	274	13,059	83	59	118,675

Appendix A6.–Age composition of sockeye salmon in the District 108 gill net catch, 1997.

	Brood Year and Age Class									
	1994	1993	1993	1992	1992	1992	1991	1991	1991	
	0.2	0.3	1.2	0.4	1.3	2.2	1.4	2.3	3.2	Total
Statistical Week 24–25 (June 8 - 21)										
Sample Size		7	6		434	9		21		477
Percent		1.5	1.3		91.0	1.9		4.4		100.0
Std. Error		0.5	0.5		1.3	0.6		0.9		
Catch		107	92		6,666	138		322		7,325
Statistical Week 26 (June 22–28)										
Sample Size		4	30		528	19	1	50		632
Percent		0.6	4.7		83.5	3.0	0.2	7.9		100.0
Std. Error		0.3	0.8		1.4	0.7	0.2	1.1		
Catch		90	674		11,853	427	22	1,123		14,189
Statistical Week 27 (June 29–July 5)										
Sample Size		2	40		395	20		42	2	501
Percent		0.4	8.0		78.8	4.0		8.4	0.4	100.0
Std. Error		0.3	1.2		1.8	0.9		1.2	0.3	
Catch		135	2,692		26,583	1,346		2,827	135	33,718
Statistical Week 28 (July 6–12)										
Sample Size		7	61	1	334	20	3	62		488
Percent		1.4	12.5	0.2	68.4	4.1	0.6	12.7		100.0
Std. Error		0.5	1.5	0.2	2.1	0.9	0.4	1.5		
Catch		345	3,003	49	16,442	985	148	3,052		24,024
Statistical Week 29–36 (July 13–Sept. 6)										
Sample Size	1	43	97	1	832	30	5	77		1086
Percent	0.1	4.0	8.9	0.1	76.6	2.8	0.5	7.1		100.0
Std. Error	0.1	0.6	0.8	0.1	1.2	0.5	0.2	0.7		
Catch	13	546	1,231	13	10,559	381	63	977		13,783
Combined Periods (Percentages are weighted by period catches)										
Sample Size	1	63	234	2	2,523	98	9	252	2	3,184
Percent	<0.1	1.3	8.3	0.1	77.5	3.5	0.3	8.9	0.1	100.0
Std. Error	<0.1	0.2	0.6	0.1	0.9	0.4	0.1	0.6	0.1	
Catch	13	1,223	7,692	62	72,103	3,277	233	8,301	135	93,039

Appendix A7.–Age composition of sockeye salmon in the Sub-district 106-30 gill net catch, 1998.

	Brood Year and Age Class												
	1995	1995	1994	1994	1994	1993	1993	1992	1992	1992	1991	1991	
	0.2	1.1	0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2	2.4	3.3	Total
Statistical Week 26–27 (June 21–July 4)													
Sample Size				18		49	20		7				94
Percent				19.1		52.1	21.3		7.4				100.0
Std. Error				4.0		5.0	4.1		2.7				
Catch				359		977	399		140				1,875
Statistical Week 28 (July 5–11)													
Sample Size	1		1	86		244	102		51	2	1		488
Percent	0.2		0.2	17.6		50.0	20.9		10.5	0.4	0.2		100.0
Std. Error	0.2		0.2	1.5		2.0	1.6		1.2	0.3	0.2		
Catch	4		4	375		1,066	445		222	9	4		2,129
Statistical Week 29 (July 12–18)													
Sample Size	1		1	50		283	70	5	54	3	1	2	470
Percent	0.2		0.2	10.6		60.2	14.9	1.1	11.5	0.6	0.2	0.4	100.0
Std. Error	0.2		0.2	1.4		2.2	1.6	0.5	1.4	0.4	0.2	0.3	
Catch	11		11	549		3,104	768	55	593	33	11	22	5,157
Statistical Week 30 (July 19–25)													
Sample Size			4	41		328	62	9	45	3			492
Percent			0.8	8.3		66.7	12.6	1.8	9.1	0.6			100.0
Std. Error			0.4	1.2		2.0	1.4	0.6	1.2	0.3			
Catch			50	516		4,130	780	113	566	38			6,193
Statistical Week 31 (July 26–August 1)													
Sample Size			1	28		344	51		45				469
Percent			0.2	6.0		73.3	10.9		9.6				100.0
Std. Error			0.2	1.1		2.0	1.4		1.3				
Catch			15	409		5,028	745		658				6,855
Statistical Weeks 32 (August 2–8)													
Sample Size		1	1	34	4	413	114	5	56				628
Percent		0.2	0.2	5.4	0.6	65.8	18.2	0.8	8.9				100.0
Std. Error		0.2	0.2	0.9	0.3	1.8	1.5	0.3	1.1				
Catch		11	11	367	43	4,454	1,230	54	604				6,774
Statistical Week 33 (August 9–15)													
Sample Size				23		285	45		40		1		394
Percent				5.8		72.3	11.4		10.2		0.3		100.0
Std. Error				1.1		2.1	1.5		1.4		0.2		
Catch				154		1,904	301		267		7		2,633
Statistical Weeks 34–39 (August 16–Sept. 26)													
Sample Size			2	25		228	61	1	46	1			364
Percent			0.5	6.9		62.6	16.8	0.3	12.6	0.3			100.0
Std. Error			0.4	1.2		2.4	1.8	0.3	1.6	0.3			
Catch			15	190		1,732	464	8	350	8			2,767
Combined Periods (Percentages are weighted by period catches)													
Sample Size	2	1	10	305	4	2,174	525	20	344	9	3	2	3,399
Percent	<0.1	<0.1	0.3	8.5	0.1	65.1	14.9	0.7	9.9	0.3	0.1	0.1	100.0
Std. Error	<0.1	<0.1	0.1	0.5	0.1	0.8	0.6	0.1	0.5	0.1	<0.1	<0.1	
Catch	15	11	106	2,919	43	22,395	5,132	230	3,400	88	22	22	34,383

Appendix A8.–Age composition of sockeye salmon in the Sub-district 106-41 gill net catch, 1998.

	Brood Year and Age Class													
	1995	1995	1994	1994	1994	1993	1993	1993	1992	1992	1992	1991	1991	
	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3	Total
Statistical Week 26 (June 21–27)														
Sample Size				49			289	92	5	64	7	1	1	508
Percent				9.6			56.9	18.1	1.0	12.6	1.4	0.2	0.2	100.0
Std. Error				1.3			2.1	1.6	0.4	1.4	0.5	0.2	0.2	
Catch				642			3,788	1,206	66	839	92	13	13	6,659
Statistical Week 27 (June 28–July 4)														
Sample Size	1		7	51			418	100	4	58	7	1	1	648
Percent	0.2		1.1	7.9			64.5	15.4	0.6	9.0	1.1	0.2	0.2	100.0
Std. Error	0.1		0.4	1.0			1.8	1.3	0.3	1.1	0.4	0.1	0.1	
Catch	10		69	503			4,119	985	39	572	69	10	10	6,386
Statistical Week 28 (July 5–11)														
Sample Size			3	53			332	72	3	47	3			513
Percent			0.6	10.3			64.7	14.0	0.6	9.2	0.6			100.0
Std. Error			0.3	1.3			2.1	1.5	0.3	1.2	0.3			
Catch			77	1,364			8,543	1,852	77	1,209	77			13,199
Statistical Week 29 (July 12–18)														
Sample Size			6	54			365	57	1	24	2			509
Percent			1.2	10.6			71.7	11.2	0.2	4.7	0.4			100.0
Std. Error			0.5	1.3			1.9	1.4	0.2	0.9	0.3			
Catch			125	1,122			7,584	1,185	21	499	42			10,578
Statistical Week 30 (July 19–25)														
Sample Size			3	50			367	51	1	37	3			512
Percent			0.6	9.8			71.7	10.0	0.2	7.2	0.6			100.0
Std. Error			0.3	1.3			1.9	1.3	0.2	1.1	0.3			
Catch			60	995			7,303	1,015	20	736	60			10,189
Statistical Week 31 (July 26–August 1)														
Sample Size		1	3	21	1	2	362	72	4	58	1	1		526
Percent		0.2	0.6	4.0	0.2	0.4	68.8	13.7	0.8	11.0	0.2	0.2		100.0
Std. Error		0.2	0.3	0.8	0.2	0.3	2.0	1.5	0.4	1.3	0.2	0.2		
Catch		24	71	497	24	47	8,558	1,703	95	1,372	24	24		12,439
Statistical Weeks 32 (August 2–8)														
Sample Size		1	3	12			326	80		83	5			510
Percent		0.2	0.6	2.4			63.9	15.7		16.3	1.0			100.0
Std. Error		0.2	0.3	0.7			2.1	1.6		1.6	0.4			
Catch		17	51	204			5,551	1,362		1,413	85			8,683
Statistical Week 33 (August 9–15)														
Sample Size		1	2	30			334	60	1	104	2	1	1	536
Percent		0.2	0.4	5.6			62.3	11.2	0.2	19.4	0.4	0.2	0.2	100.0
Std. Error		0.2	0.2	0.9			2.0	1.3	0.2	1.6	0.2	0.2	0.2	
Catch		10	20	294			3,269	588	10	1,018	20	10	10	5,249
Statistical Weeks 34–40 (August 16–October 3)														
Sample Size		1	1	33			305	63	2	98	1			504
Percent		0.2	0.2	6.5			60.5	12.5	0.4	19.4	0.2			100.0
Std. Error		0.2	0.2	1.1			2.1	1.4	0.3	1.7	0.2			
Catch		11	11	371			3,431	709	23	1,103	11			5,670
Combined Periods (Percentages are weighted by period catches)														
Sample Size	1	4	28	353	1	2	3,098	647	21	573	31	4	3	4,766
Percent	<0.1	0.1	0.6	7.6	<0.1	0.1	66.0	13.4	0.4	11.1	0.6	0.1	<0.1	100.0
Std. Error	<0.1	<0.1	0.1	0.4	<0.1	<0.1	0.7	0.5	0.1	0.4	0.2	<0.1	<0.1	
Catch	10	62	484	5,992	24	47	52,146	10,605	351	8,761	480	57	33	79,052

Appendix A9.–Age composition of sockeye salmon in the District 108 gill net catch, 1998.

	Brood Year and Age Class											
	1995	1995	1994	1994	1994	1993	1993	1992	1992	1992	1991	
	0.2	1.1	0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2	2.4	Total
Statistical Week 26 (June 21–27)												
Sample Size	1		2	32		307	26	5	26	4	1	404
Percent	0.2		0.5	7.9		76.0	6.4	1.2	6.4	1.0	0.2	100.0
Std. Error	0.2		0.3	1.2		1.9	1.1	0.5	1.1	0.4	0.2	
Catch	6		11	176		1,689	143	28	143	22	6	2,224
Statistical Week 27 (June 28–July 4)												
Sample Size	2		3	49		285	34	5	33	5		416
Percent	0.5		0.7	11.8		68.5	8.2	1.2	7.9	1.2		100.0
Std. Error	0.3		0.4	1.5		2.2	1.3	0.5	1.3	0.5		
Catch	23		34	562		3,267	390	57	378	57		4,768
Statistical Week 28 (July 5–11)												
Sample Size	1	1	5	60		338	47	5	33	4	1	495
Percent	0.2	0.2	1.0	12.1		68.3	9.5	1.0	6.7	0.8	0.2	100.0
Std. Error	0.2	0.2	0.4	1.4		2.0	1.3	0.4	1.1	0.4	0.2	
Catch	11	11	56	674		3,800	528	56	371	45	11	5,563
Statistical Week 29 (July 12–18)												
Sample Size	2		2	30		229	8	3	6			280
Percent	0.7		0.7	10.7		81.8	2.9	1.1	2.1			100.0
Std. Error	0.5		0.5	1.7		2.1	0.9	0.6	0.8			
Catch	13		13	195		1,488	52	20	39			1,820
Statistical Week 30 (July 19–25)												
Sample Size	3		3	41		411	11	2	11			482
Percent	0.6		0.6	8.5		85.3	2.3	0.4	2.3			100.0
Std. Error	0.3		0.3	1.1		1.5	0.6	0.3	0.6			
Catch	16		16	218		2,185	59	11	59			2,564
Statistical Week 31 (July 26–August 1)												
Sample Size			7	19	1	349	10	2	6	1		395
Percent			1.8	4.8	0.3	88.4	2.5	0.5	1.5	0.3		100.0
Std. Error			0.6	1.0	0.2	1.5	0.7	0.3	0.6	0.2		
Catch			59	159	8	2,923	84	17	50	8		3,308
Statistical Weeks 32–39 (August 2–Sept. 26)												
Sample Size			7	9	1	170	14	1	10		1	213
Percent			3.3	4.2	0.5	79.8	6.6	0.5	4.7		0.5	100.0
Std. Error			1.1	1.3	0.4	2.6	1.6	0.4	1.4		0.4	
Catch			59	75	8	1,425	117	8	84		8	1,784
Combined Periods (Percentages are weighted by period catches)												
Sample Size	9	1	29	240	2	2,089	150	23	125	14	3	2,685
Percent	0.3	0.1	1.1	9.3	0.1	76.1	6.2	0.9	5.1	0.6	0.1	100.0
Std. Error	0.1	<0.1	0.2	0.6	0.1	0.8	0.5	0.2	0.4	0.2	0.1	
Catch	69	11	248	2,059	16	16,777	1,373	197	1,124	132	25	22,031

Appendix A10. Age composition of sockeye salmon in the District 108 test gill net catch, 1998.

	Brood Year and Age Class									
	1995	1994	1994	1993	1993	1992	1992	1992	1991	
	0.2	0.3	1.2	1.3	2.2	1.4	2.3	3.2	3.3	Total
Statistical Week 25 (June 14–20)										
Sample Size	1	3	10	259	23		71	5		372
Percent	0.3	0.8	2.7	69.6	6.2		19.1	1.3		100.0
Std. Error	0.2	0.3	0.6	1.6	0.8		1.4	0.4		
Catch	2	5	18	471	42		129	9		676
Statistical Week 26 (June 21–27)										
Sample Size	1	3	32	333	60	1	47	5	1	483
Percent	0.2	0.6	6.6	68.9	12.4	0.2	9.7	1.0	0.2	100.0
Std. Error	0.1	0.2	0.8	1.5	1.0	0.1	0.9	0.3	0.1	
Catch	2	6	61	632	114	2	89	10	2	918
Statistical Week 27 (June 28–July 4)										
Sample Size	2	4	40	363	50	1	41	7	1	509
Percent	0.4	0.8	7.9	71.3	9.8	0.2	8.1	1.4	0.2	100.0
Std. Error	0.2	0.3	1.0	1.7	1.1	0.2	1.0	0.4	0.2	
Catch	8	15	151	1,366	188	4	154	26	4	1,916
Combined Periods (Percentages are weighted by period catches)										
Sample Size	4	10	82	955	133	2	159	17	2	1,364
Percent	0.3	0.7	6.5	70.4	9.8	0.2	10.6	1.3	0.2	100.0
Std. Error	0.1	0.2	0.6	1.1	0.7	0.1	0.7	0.3	0.1	
Catch	12	26	230	2,469	344	6	372	45	6	3,510

Appendix A11.–Age composition of sockeye salmon in the Sub-district 106-30 gill net catch, 1999.

	Brood Year and Age Class										
	1996	1995	1995	1994	1994	1993	1993	1993	1992	1992	
	0.2	0.3	1.2	1.3	2.2	1.4	2.3	3.2	1.5	3.3	Total
Statistical Week 26–28 (June 20–July 10)											
Sample Size	1		41	254	51	1	30	5			383
Percent	0.3		10.7	66.3	13.3	0.3	7.8	1.3			100.0
Std. Error	0.2		1.5	2.3	1.7	0.2	1.3	0.6			
Catch	12		475	2,939	590	12	347	58			4,433
Statistical Week 29 (July 11–17)											
Sample Size		1	69	392	60		46	1			569
Percent		0.2	12.1	68.9	10.5		8.1	0.2			100.0
Std. Error		0.1	1.2	1.6	1.1		1.0	0.1			
Catch		3	238	1,355	207		159	3			1,965
Statistical Week 30 (July 18–24)											
Sample Size		1	55	375	38		49		1		519
Percent		0.2	10.6	72.3	7.3		9.4		0.2		100.0
Std. Error		0.2	1.3	1.9	1.1		1.2		0.2		
Catch		19	1,030	7,024	712		918		19		9,722
Statistical Week 31 (July 25–31)											
Sample Size			64	379	33	1	64				541
Percent			11.8	70.1	6.1	0.2	11.8				100.0
Std. Error			1.3	1.9	1.0	0.2	1.3				
Catch			719	4,255	371	11	719				6,075
Statistical Weeks 32 (August 1–7)											
Sample Size		1	95	310	58	2	65	2		1	534
Percent		0.2	17.8	58.1	10.9	0.4	12.2	0.4		0.2	100.0
Std. Error		0.2	1.5	2.0	1.3	0.2	1.3	0.2		0.2	
Catch		8	747	2,437	456	16	511	16		8	4,199
Statistical Week 33 (August 8–14)											
Sample Size			84	313	55	3	60				515
Percent			16.3	60.8	10.7	0.6	11.7				100.0
Std. Error			1.5	2.0	1.2	0.3	1.3				
Catch			531	1,978	348	19	379				3,255
Statistical Weeks 34–42 (August 15–October 16)											
Sample Size			41	119	21	3	49				233
Percent			17.6	51.1	9.0	1.3	21.0				100.0
Std. Error			2.3	3.1	1.8	0.7	2.5				
Catch			327	951	168	24	391				1,861
Combined Periods (Percentages are weighted by period catches)											
Sample Size	1	3	449	2,142	316	10	363	8	1	1	3,294
Percent	<0.1	0.1	12.9	66.5	9.0	0.3	10.9	0.2	0.1	<0.1	100.0
Std. Error	<0.1	0.1	0.6	0.9	0.5	0.1	0.6	0.1	0.1	<0.1	
Catch	12	30	4,067	20,939	2,852	82	3,424	77	19	8	31,510

Appendix A12.–Age composition of sockeye salmon in the Sub-district 106-41 gill net catch, 1999.

	Brood Year and Age Class											
	1996	1995	1995	1995	1994	1994	1993	1993	1993	1992	1992	
	0.2	0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2	2.4	3.3	Total
Statistical Week 26 (June 20–26)												
Sample Size		1	34		323	88	1	45	30		5	527
Percent		0.2	6.5		61.3	16.7	0.2	8.5	5.7		0.9	100.0
Std. Error		0.2	1.0		2.0	1.6	0.2	1.2	1.0		0.4	
Catch		13	438		4,159	1,133	13	579	386		64	6,785
Statistical Week 27 (June 27–July 3)												
Sample Size	1		60		254	153		38	16		3	525
Percent	0.2		11.4		48.4	29.1		7.2	3.0		0.6	100.0
Std. Error	0.2		1.3		2.1	1.9		1.1	0.7		0.3	
Catch	16		965		4,089	2,462		611	257		48	8,448
Statistical Week 28 (July 4–10)												
Sample Size	2		66		310	88 1		32	13			512
Percent	0.4		12.9		60.5	17.2	0.2	6.3	2.5			100.0
Std. Error	0.3		1.4		2.1	1.6	0.2	1.0	0.7			
Catch	25		823		3,868	1,098	12	399	162			6,387
Statistical Week 29 (July 11–17)												
Sample Size		7	72		347	60		27	9		1	523
Percent		1.3	13.8		66.3	11.5		5.2	1.7		0.2	100.0
Std. Error		0.5	1.5		2.0	1.4		0.9	0.6		0.2	
Catch		123	1,268		6,110	1,057		476	159		18	9,211
Statistical Week 30 (July 18–24)												
Sample Size		2	81		377	30	2	36	1			529
Percent		0.4	15.3		71.3	5.7	0.4	6.8	0.2			100.0
Std. Error		0.3	1.5		1.9	1.0	0.3	1.1	0.2			
Catch		56	2,282		10,621	845	56	1,014	28			14,902
Statistical Week 31 (July 25–31)												
Sample Size		2	68		389	33	2	37		1		532
Percent		0.4	12.8		73.1	6.2	0.4	7.0		0.2		100.0
Std. Error		0.3	1.4		1.9	1.0	0.3	1.1		0.2		
Catch		47	1,612		9,225	783	47	877		24		12,615
Statistical Weeks 32 (August 1–7)												
Sample Size			50		360	55	3	66	1			535
Percent			9.3		67.3	10.3	0.6	12.3	0.2			100.0
Std. Error			1.2		2.0	1.3	0.3	1.4	0.2			
Catch			646		4,650	710	39	852	13			6,910
Statistical Week 33 (August 8–14)												
Sample Size		3	66	1	335	57	2	51	1			516
Percent		0.6	12.8	0.2	64.9	11.0	0.4	9.9	0.2			100.0
Std. Error		0.3	1.4	0.2	2.0	1.3	0.3	1.2	0.2			
Catch		23	500	8	2,537	432	15	386	8			3,909
Statistical Weeks 34–40 (August 15–October 2)												
Sample Size			84	1	268	69	5	78	1	1	1	508
Percent			16.5	0.2	52.8	13.6	1.0	15.4	0.2	0.2	0.2	100.0
Std. Error			1.5	0.2	2.1	1.4	0.4	1.5	0.2	0.2	0.2	
Catch			688	8	2,194	565	41	638	8	8	8	4,158
Combined Periods (Percentages are weighted by period catches)												
Sample Size	3	15	581	2	2,963	633	16	410	72	2	10	4,707
Percent	0.1	0.4	12.6	<0.1	64.7	12.4	0.3	8.0	1.4	<0.1	0.2	100.0
Std. Error	<0.1	0.1	0.5	<0.1	0.7	0.5	0.1	0.4	0.2	<0.1	0.1	
Catch	41	262	9,222	16	47,453	9,085	223	5,832	1,021	32	138	73,325

Appendix A13.–Age composition of sockeye salmon in the District 108 gill net catch, 1999.

	Brood Year and Age Class										
	1996	1995	1995	1995	1994	1994	1993	1993	1993	1992	
	0.2	0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2	3.3	Total
Statistical Week 26 (June 20–26)											
Sample Size		3	29		340	43		47	22	1	485
Percent		0.6	6.0		70.1	8.9		9.7	4.5	0.2	100.0
Std. Error		0.3	1.0		1.9	1.2		1.2	0.9	0.2	
Catch		16	157		1,839	233		254	119	5	2,623
Statistical Week 27 (June 27–July 3)											
Sample Size	1	3	52		348	83	1	49	18	1	556
Percent	0.2	0.5	9.4		62.6	14.9	0.2	8.8	3.2	0.2	100.0
Std. Error	0.2	0.3	1.2		2.0	1.5	0.2	1.2	0.7	0.2	
Catch	21	63	1,092		7,307	1,743	21	1,029	378	21	11,675
Statistical Week 28 (July 4–10)											
Sample Size		6	64		309	83	2	34	9	1	508
Percent		1.2	12.6		60.8	16.3	0.4	6.7	1.8	0.2	100.0
Std. Error		0.5	1.4		2.1	1.6	0.3	1.1	0.6	0.2	
Catch		78	833		4,020	1,080	26	442	117	13	6,609
Statistical Week 29 (July 11–17)											
Sample Size	1	9	100		310	73	1	24	7	1	526
Percent	0.2	1.7	19.0		58.9	13.9	0.2	4.6	1.3	0.2	100.0
Std. Error	0.2	0.5	1.6		2.0	1.4	0.2	0.8	0.5	0.2	
Catch	8	70	775		2,403	566	8	186	54	8	4,078
Statistical Week 30 (July 18–24)											
Sample Size		14	77		355	38	10	21	3		518
Percent		2.7	14.9		68.5	7.3	1.9	4.1	0.6		100.0
Std. Error		0.7	1.5		2.0	1.1	0.6	0.8	0.3		
Catch		183	1,007		4,643	497	131	275	39		6,775
Statistical Week 31 (July 25–31)											
Sample Size	1	18	63	1	268	12	2	19		1	385
Percent	0.3	4.7	16.4	0.3	69.6	3.1	0.5	4.9		0.3	100.0
Std. Error	0.2	1	1.8	0.2	2.2	0.8	0.3	1.0		0.2	
Catch	9	153	537	9	2,283	102	17	162		9	3,281
Statistical Weeks 32–39 (August 1–Sept. 25)											
Sample Size	1	8	23		83	4		3			122
Percent	0.8	6.6	18.9		68.0	3.3		2.5			100.0
Std. Error	0.8	2.2	3.4		4.1	1.6		1.4			
Catch	13	102	294		1,062	51		38			1,560
Combined Periods (Percentages are weighted by period catches)											
Sample Size	4	61	408	1	2,013	336	16	197	59	5	3,100
Percent	0.1	1.8	12.8	<0.1	64.4	11.7	0.6	6.5	1.9	0.2	100.0
Std. Error	0.1	0.2	0.6	<0.1	0.9	0.6	0.1	0.5	0.3	0.1	
Catch	51	665	4,695	9	23,557	4,272	203	2,386	707	56	36,601

Appendix A14.–Age composition of sockeye salmon in the District 108 test gill net catch, 1999.

	Brood Year and Age Class									
	1996	1995	1995	1994	1994	1993	1993	1993	1992	
	0.2	0.3	1.2	1.3	2.2	1.4	2.3	3.2	4.2	Total
Statistical Week 25 (June 13–19)										
Sample Size		1	10	69	7		10	6		103
Percent		1.0	9.7	67.0	6.8		9.7	5.8		100.0
Std. Error		0.5	1.5	2.3	1.2		1.5	1.2		
Catch		1	13	93	9		13	8		137
Statistical Week 26 (June 20–26)										
Sample Size		7	47	344	57		30	19		504
Percent		1.4	9.3	68.3	11.3		6.0	3.8		100.0
Std. Error		0.5	1.1	1.8	1.2		0.9	0.7		
Catch		31	209	1,528	253		133	84		2,238
Statistical Week 27 (June 27–July 3)										
Sample Size	1	9	45	301	66		37	19	1	479
Percent	0.2	1.9	9.4	62.8	13.8		7.7	4.0	0.2	100.0
Std. Error	0.1	0.4	0.9	1.5	1.1		0.8	0.6	0.1	
Catch	2	17	83	556	122		68	35	2	885
Statistical Week 28 (July 4–10)										
Sample Size	3	10	59	299	49	2	21	8	1	452
Percent	0.7	2.2	13.1	66.2	10.8	0.4	4.6	1.8	0.2	100.0
Std. Error	0.3	0.6	1.3	1.9	1.2	0.3	0.8	0.5	0.2	
Catch	10	34	201	1,020	167	7	72	27	3	1,541
Combined Periods (Percentages are weighted by period catches)										
Sample Size	4	27	161	1,013	179	2	98	52	2	1,538
Percent	0.3	1.7	10.5	66.5	11.5	0.1	6.0	3.2	0.1	100.0
Std. Error	0.1	0.3	0.7	1.1	0.7	0.1	0.5	0.4	0.1	
Catch	12	83	506	3,197	551	7	286	154	5	4,801

Appendix A15.–Age composition of sockeye salmon in the Sub-district 106-30 gill net catch, 2000.

	Brood Year and Age Class										
	1997	1996	1996	1995	1995	1994	1994	1994	1993	1993	
	0.2	0.3	1.2	1.3	2.2	1.4	2.3	3.2	2.4	3.3	Total
Statistical Week 26–27 (June 18–July 1)											
Sample Size	1	1	50	123	41	3	49	14			282
Percent	0.4	0.4	17.7	43.6	14.5	1.1	17.4	5.0			100.0
Std. Error	0.3	0.3	2.1	2.7	1.9	0.6	2.1	1.2			
Catch	7	7	340	838	279	20	333	95			1,919
Statistical Week 28 (July 2–8)											
Sample Size	1	2	47	70	30	3	36	8			197
Percent	0.5	1.0	23.9	35.5	15.2	1.5	18.3	4.1			100.0
Std. Error	0.5	0.7	3.0	3.3	2.5	0.9	2.7	1.4			
Catch	19	39	913	1,361	583	58	699	155			3,827
Statistical Week 29 (July 9–15)											
Sample Size		1	145	355	39	6	83	1	1		631
Percent		0.2	23.0	56.3	6.2	1.0	13.2	0.2	0.2		100.0
Std. Error		0.2	1.6	1.9	0.9	0.4	1.3	0.2	0.2		
Catch		14	2,051	5,023	552	85	1,174	14	14		8,927
Statistical Week 30 (July 16–22)											
Sample Size	1	1	167	223	33	6	80				511
Percent	0.2	0.2	32.7	43.6	6.5	1.2	15.7				100.0
Std. Error	0.2	0.2	2.0	2.1	1.1	0.5	1.6				
Catch	17	17	2,918	3,896	577	105	1,398				8,928
Statistical Week 31 (July 23–29)											
Sample Size		1	106	165	25	3	45				345
Percent		0.3	30.7	47.8	7.2	0.9	13.0				100.0
Std. Error		0.3	2.3	2.5	1.3	0.5	1.7				
Catch		9	914	1,422	216	26	388				2,975
Statistical Week 32 (July 30–August 5)											
Sample Size			138	121	52	3	46	1		2	363
Percent			38.0	33.3	14.3	0.8	12.7	0.3		0.6	100.0
Std. Error			2.3	2.3	1.7	0.4	1.6	0.3		0.4	
Catch			808	709	305	18	270	6		12	2,128
Statistical Week 33 (August 6–12)											
Sample Size	2		189	151	59	2	68				471
Percent	0.4		40.1	32.1	12.5	0.4	14.4				100.0
Std. Error	0.3		2.0	1.9	1.4	0.3	1.4				
Catch	10		926	740	289	10	333				2,308
Statistical Weeks 34–39 (August 13–Sept. 23)											
Sample Size			103	92	53	2	47	1			298
Percent			34.6	30.9	17.8	0.7	15.8	0.3			100.0
Std. Error			2.4	2.3	1.9	0.4	1.8	0.3			
Catch			415	371	214	8	189	4			1,201
Combined Periods (Percentages are weighted by period catches)											
Sample Size	5	6	945	1,300	332	28	454	25	1	2	3,098
Percent	0.2	0.3	28.8	44.6	9.4	1.0	14.9	0.9	<0.1	<0.1	100.0
Std. Error	0.1	0.1	0.9	1.0	0.5	0.2	0.7	0.2	<0.1	<0.1	
Catch	53	86	9,285	14,360	3,015	330	4,784	274	14	12	32,213

Appendix A16.–Age composition of sockeye salmon in the Sub-district 106-41 gill net catch, 2000.

	Brood Year and Age Class												
	1997	1997	1996	1996	1995	1995	1994	1994	1994	1993	1993	1992	
	0.2	1.1	0.3	1.2	1.3	2.2	1.4	2.3	3.2	2.4	3.3	4.3	Total
Statistical Week 26 (June 18–24)													
Sample Size			4	55	153	65	2	52	35		1		367
Percent			1.1	15.0	41.7	17.7	0.5	14.2	9.5		0.3		100.0
Std. Error			0.5	1.7	2.4	1.9	0.4	1.7	1.4		0.3		
Catch			33	447	1,243	528	16	423	284		8		2,982
Statistical Week 27 (June 25–July 1)													
Sample Size			2	90	167	147		64	57		1	1	529
Percent			0.4	17.0	31.6	27.8		12.1	10.8		0.2	0.2	100.0
Std. Error			0.3	1.6	2.0	1.9		1.4	1.3		0.2	0.2	
Catch			41	1,825	3,385	2,981		1,298	1,156		20	20	10,726
Statistical Week 28 (July 2–8)													
Sample Size	3		5	124	190	103	3	63	20		1		512
Percent	0.6		1.0	24.2	37.1	20.1	0.6	12.3	3.9		0.2		100.0
Std. Error	0.3		0.4	1.8	2.1	1.7	0.3	1.4	0.8		0.2		
Catch	54		90	2,221	3,403	1,845	54	1,128	358		18		9,171
Statistical Week 29 (July 9–15)													
Sample Size	4		9	105	286	41	2	62	8		1		518
Percent	0.8		1.7	20.3	55.2	7.9	0.4	12.0	1.5		0.2		100.0
Std. Error	0.4		0.6	1.7	2.1	1.2	0.3	1.4	0.5		0.2		
Catch	80		179	2,089	5,690	816	40	1,234	159		20		10,307
Statistical Week 30 (July 16–22)													
Sample Size			4	139	232	36	2	83	1	1	1		499
Percent			0.8	27.9	46.5	7.2	0.4	16.6	0.2	0.2	0.2		100.0
Std. Error			0.4	2.0	2.2	1.1	0.3	1.6	0.2	0.2	0.2		
Catch			77	2,684	4,481	695	39	1,603	19	19	19		9,636
Statistical Week 31 (July 23–29)													
Sample Size			2	191	210	53	8	54	1				519
Percent			0.4	36.8	40.5	10.2	1.5	10.4	0.2				100.0
Std. Error			0.3	2.0	2.1	1.3	0.5	1.3	0.2				
Catch			30	2,878	3,163	799	121	814	15				7,820
Statistical Week 32 (July 30–August 5)													
Sample Size	2			222	187	46		46	1		1		505
Percent	0.4			44.0	37.0	9.1		9.1	0.2		0.2		100.0
Std. Error	0.3			2.0	2.0	1.2		1.2	0.2		0.2		
Catch	13			1,403	1,181	290		290	6		6		3,189
Statistical Week 33 (August 6–12)													
Sample Size	1	1	1	221	171	53	4	69	1				522
Percent	0.2	0.2	0.2	42.3	32.8	10.2	0.8	13.2	0.2				100.0
Std. Error	0.2	0.2	0.2	2.0	1.9	1.2	0.3	1.3	0.2				
Catch	5	5	5	1,188	917	284	21	370	5				2,800
Statistical Week 34 (August 13–19)													
Sample Size				71	50	15	1	18			1		156
Percent				45.5	32.1	9.6	0.6	11.5			0.6		100.0
Std. Error				3.4	3.2	2.0	0.5	2.2			0.5		
Catch				247	173	52	3	62			3		540
Statistical Weeks 35 (August 20–26)													
Sample Size	1			44	48	13	5	18					129
Percent	0.8			34.1	37.2	10.1	3.9	14.0					100.0
Std. Error	0.6			3.2	3.2	2.0	1.3	2.3					
Catch	2			103	112	30	12	42					301
Statistical Weeks 36–39 (August 27–Sept. 23)													
Sample Size				41	85	16	1	34					177
Percent				23.2	48.0	9.0	0.6	19.2					100.0
Std. Error				2.4	2.8	1.6	0.4	2.2					
Catch				91	188	35	2	75					391
Combined Periods (Percentages are weighted by period catches)													
Sample Size	11	1	27	1,303	1,779	588	28	563	124	1	7	1	4,433
Percent	0.3	<0.1	0.8	26.2	41.4	14.4	0.5	12.7	3.5	<0.1	0.2	<0.1	100.0
Std. Error	0.1	<0.1	0.2	0.7	0.8	0.6	0.1	0.5	0.3	<0.1	0.1	<0.1	
Catch	154	5	455	15,176	23,936	8,355	308	7,339	2,002	19	94	20	57,863

Appendix A17.–Age composition of sockeye salmon in the District 108 gill net catch, 2000.

	Brood Year and Age Class										
	1997	1996	1996	1995	1995	1994	1994	1994	1993	1993	
	0.2	0.3	1.2	1.3	2.2	1.4	2.3	3.2	3.3	4.2	Total
Statistical Week 26 (June 18–24)											
Sample Size	1	4	26	124	18		17	18			208
Percent	0.5	1.9	12.5	59.6	8.7		8.2	8.7			100.0
Std. Error	0.4	0.9	2.1	3.1	1.8		1.7	1.8			
Catch	6	25	165	790	114		108	114			1,322
Statistical Week 27 (June 25–July 1)											
Sample Size	1	2 27		180	101	1	31	51	1	3	398
Percent	0.3	0.5	6.8	45.2	25.4	0.3	7.8	12.8	0.3	0.8	100.0
Std. Error	0.2	0.3	1.2	2.4	2.1	0.2	1.3	1.6	0.2	0.4	
Catch	12	24	331	2,205	1,236	12	379	624	12	37	4,872
Statistical Week 28 (July 2–8)											
Sample Size		3	19	23	61		8	21			135
Percent		2.2	14.1	17.0	45.2		5.9	15.6			100.0
Std. Error		1.2	2.9	3.2	4.2		2.0	3.0			
Catch		52	328	396	1,051		138	362			2,327
Statistical Week 29 (July 9–15)											
Sample Size		14	39	179	28	2	10	1			273
Percent		5.1	14.3	65.6	10.3	0.7	3.7	0.4			100.0
Std. Error		1.3	2.0	2.7	1.8	0.5	1.1	0.3			
Catch		153	426	1,952	306	22	109	11			2,979
Statistical Week 30 (July 16–22)											
Sample Size	4	14	54	193	37	1	15				318
Percent	1.3	4.4	17.0	60.7	11.6	0.3	4.7				100.0
Std. Error	0.6	1.1	1.9	2.5	1.7	0.3	1.1				
Catch	28	96	372	1,330	255	7	103				2,191
Statistical Week 31–38 (July 23–Sept. 16)											
Sample Size	3	15	51	198	23	2	67				359
Percent	0.8	4.2	14.2	55.2	6.4	0.6	18.7				100.0
Std. Error	0.4	1.0	1.7	2.4	1.2	0.4	1.9				
Catch	18	89	304	1,182	137	12	400				2,142
Combined Periods (Percentages are weighted by period catches)											
Sample Size	9	52	216	897	268	6	148	91	1	3	1,691
Percent	0.4	2.8	12.2	49.6	19.6	0.3	7.8	7.0	0.1	0.2	100.0
Std. Error	0.1	0.4	0.8	1.1	1.0	0.1	0.6	0.7	0.1	0.1	
Catch	64	439	1,926	7,855	3,099	53	1,237	1,111	12	37	15,833

Appendix A18.–Age composition of sockeye salmon in the District 108 test gill net catch, 2000.

	Brood Year and Age Class										
	1997	1996	1996	1995	1995	1994	1994	1994	1993	1993	
	0.2	0.3	1.2	1.3	2.2	1.4	2.3	3.2	3.3	4.2	Total
Statistical Week 25 (June 11–17)											
Sample Size		11	14	149	9	2	24	15	1		225
Percent		4.9	6.2	66.2	4.0	0.9	10.7	6.7	0.4		100.0
Std. Error		0.6	0.6	1.2	0.5	0.2	0.8	0.6	0.2		
Catch		13	16	176	11	2	28	18	1		265
Statistical Week 26 (June 18–24)											
Sample Size	1	11	54	260	81	4	42	53	1	1	508
Percent	0.2	2.2	10.6	51.2	15.9	0.8	8.3	10.4	0.2	0.2	100.0
Std. Error	0.2	0.6	1.2	1.9	1.4	0.3	1.0	1.2	0.2	0.2	
Catch	4	40	197	949	296	15	153	194	4	4	1,856
Statistical Week 27 (June 25–July 1)											
Sample Size	3	4	66	236	108	2	41	40	1		501
Percent	0.6	0.8	13.2	47.1	21.6	0.4	8.2	8.0	0.2		100.0
Std. Error	0.3	0.3	1.3	1.9	1.6	0.2	1.0	1.0	0.2		
Catch	11	15	240	856	392	7	149	145	4		1,819
Statistical Week 28 (July 2–8)											
Sample Size	4	17	57	213	88	2	13	20	1	1	416
Percent	1.0	4.1	13.7	51.2	21.2	0.5	3.1	4.8	0.2	0.2	100.0
Std. Error	0.3	0.6	1.1	1.6	1.3	0.2	0.6	0.7	0.2	0.2	
Catch	7	30	102	382	158	4	23	36	2	2	746
Combined Periods (Percentages are weighted by period catches)											
Sample Size	8	43	191	858	286	10	120	128	4	2	1,650
Percent	0.5	2.1	11.9	50.5	18.3	0.6	7.6	8.4	0.2	0.1	100.0
Std. Error	0.1	0.3	0.7	1.1	0.8	0.2	0.6	0.6	0.1	0.1	
Catch	22	98	555	2,363	857	28	353	393	11	6	4,686

APPENDIX B. LINEAR DISCRIMINANT FUNCTION CLASSIFICATION MATRICES

Appendix B1.–Classification matrices for linear discriminant functions used to classify age-1.2 sockeye salmon caught in Alaskan District 106 and 108 gillnet fisheries, 1996.

Actual	Sample	Classified Group of Origin						Mean
Group	Size	Alaska I	Alaska II	Nass	Skeena	Tahltan	Stikine	Accuracy
5-Stock Functions:								
Alaska	192	0.698		0.068	0.010	0.083	0.141	
Nass	86	0.093		0.535	0.244	0.081	0.047	
Skeena	200	0.015		0.135	0.680	0.170	0.000	
Tahltan	73	0.123		0.110	0.192	0.575	0.000	
Stikine	39	0.231		0.077	0.051	0.051	0.590	0.616
4-Stock Functions:								
Alaska	192	0.755			0.016	0.083	0.146	
Skeena	200	0.020			0.730	0.245	0.005	
Tahltan	73	0.137			0.233	0.616	0.014	
Stikine	39	0.205			0.051	0.103	0.641	0.686
Alaska	192	0.745		0.052		0.063	0.141	
Nass	86	0.105		0.628		0.186	0.081	
Tahltan	73	0.096		0.206		0.671	0.027	
Stikine	39	0.256		0.154		0.026	0.564	0.652
3-Stock Functions:								
Alaska	192	0.813			0.031		0.156	
Skeena	200	0.045			0.935		0.020	
Stikine	39	0.205			0.154		0.641	0.796

Appendix B2.–Classification matrices for linear discriminant functions used to classify age-1.3 sockeye salmon caught in Alaskan District 106 and 108 gillnet fisheries, 1996.

Actual	Sample	Classified Group of Origin						Mean
Group	Size	Alaska I	Alaska II	Nass	Skeena	Tahltan	Stikine	Accuracy
6-Stock Function:								
Alaska I	200	0.600	0.210	0.015	0.020	0.080	0.075	
Alaska II	200	0.085	0.830	0.010	0.000	0.000	0.075	
Nass	202	0.000	0.005	0.713	0.203	0.035	0.045	
Skeena	200	0.055	0.010	0.180	0.545	0.170	0.040	
Tahltan	202	0.074	0.010	0.000	0.154	0.753	0.010	
Stikine	200	0.075	0.175	0.085	0.045	0.080	0.540	0.663
5-Stock Functions:								
Alaska I	200	0.665	0.190	0.010	0.065		0.070	
Alaska II	200	0.105	0.815	0.010	0.000		0.070	
Nass	200	0.010	0.010	0.743	0.208		0.030	
Skeena	200	0.060	0.005	0.230	0.650		0.055	
Stikine	200	0.125	0.150	0.130	0.800		0.515	0.678
Alaska I	200	0.625	0.255	0.010	0.030	0.080		
Alaska II	200	0.115	0.880	0.000	0.000	0.005		
Nass	202	0.005	0.015	0.762	0.178	0.040		
Skeena	200	0.050	0.015	0.215	0.605	0.115		
Tahltan	202	0.055	0.010	0.000	0.139	0.797		0.734
Alaska I	200	0.610	0.205		0.010	0.095	0.080	
Alaska II	200	0.110	0.790		0.005	0.010	0.085	
Skeena	200	0.025	0.015		0.740	0.155	0.065	
Tahltan	202	0.055	0.005		0.168	0.748	0.025	
Stikine	200	0.085	0.160		0.080	0.090	0.585	0.695

Appendix B3.–Classification matrices for linear discriminant functions used to classify age-2.2 sockeye salmon caught in Alaskan District 106 and 108 gillnet fisheries, 1996.

Actual	Sample	Classified Group of Origin						Mean
Group	Size	Alaska I	Alaska II	Nass	Skeena	Tahltan	Stikine	Accuracy
4-Stock Function:								
Alaska	174	0.822		0.052	0.109	0.017		
Nass	194	0.026		0.820	0.134	0.021		
Skeena	70	0.171		0.057	0.700	0.071		
Tahltan	63	0.032		0.016	0.349	0.603		0.736
3-Stock Functions:								
Alaska	174	0.908		0.063		0.029		
Nass	194	0.036		0.840		0.124		
Tahltan	63	0.111		0.032		0.857		0.868

Appendix B4.–Classification matrices for linear discriminant functions used to classify age-2.3 sockeye salmon caught in Alaskan District 106 and 108 gillnet fisheries, 1996.

Actual	Sample	Classified Group of Origin						Mean
Group	Size	Alaska I	Alaska II	Nass	Skeena	Tahltan	Stikine	Accuracy
4-Stock Function:								
Alaska	181	0.884		0.017	0.061	0.039		
Nass	74	0.027		0.878	0.081	0.014		
Skeena	61	0.115		0.066	0.656	0.164		
Tahltan	49	0.020		0.020	0.225	0.735		0.788

Appendix B5.–Classification matrices for linear discriminant functions used to classify age-1.2 sockeye salmon caught in Alaskan District 106 and 108 gillnet fisheries, 1997.

Actual	Sample	Classified Group of Origin						Mean
Group	Size	Alaska I	Alaska II	Nass	Skeena	Tahltan	Stikine	Accuracy
5-Stock Functions:								
Alaska	200	0.775		0.030	0.025	0.090	0.080	
Nass	197	0.046		0.614	0.173	0.107	0.061	
Skeena	200	0.035		0.135	0.630	0.180	0.020	
Tahltan	104	0.106		0.087	0.192	0.606	0.010	
Stikine	108	0.176		0.000	0.028	0.037	0.759	0.677
4-Stock Functions:								
Alaska	200	0.770			0.045	0.095	0.090	
Skeena	200	0.035			0.760	0.185	0.020	
Tahltan	104	0.115			0.212	0.664	0.019	
Stikine	108	0.176			0.009	0.046	0.787	0.745
3-Stock Functions:								
Alaska	200	0.835			0.070		0.095	
Skeena	200	0.060			0.910		0.030	
Stikine	108	0.185			0.019		0.796	0.847

Appendix B6.–Classification matrices for linear discriminant functions used to classify age-1.3 sockeye salmon caught in Alaskan District 106 and 108 gillnet fisheries, 1997.

Actual	Sample	Classified Group of Origin						Mean
Group	Size	Alaska I	Alaska II	Nass	Skeena	Tahltan	Stikine	Accuracy
6-Stock Function:								
Alaska I	200	0.600	0.225	0.035	0.000	0.075	0.065	
Alaska II	199	0.196	0.628	0.015	0.000	0.040	0.121	
Nass	190	0.058	0.047	0.395	0.258	0.158	0.084	
Skeena	206	0.015	0.019	0.204	0.553	0.199	0.010	
Tahltan	210	0.070	0.055	0.150	0.140	0.570	0.015	
Stikine	200	0.038	0.133	0.048	0.029	0.105	0.648	0.566
5-Stock Function:								
Alaska I	200	0.605	0.240		0.010	0.065	0.080	
Alaska II	199	0.196	0.633		0.000	0.040	0.131	
Skeena	206	0.019	0.024		0.723	0.214	0.020	
Tahltan	210	0.029	0.167		0.048	0.100	0.657	
Stikine	200	0.060	0.050		0.210	0.660	0.020	0.656

Appendix B7.–Classification matrices for linear discriminant functions used to classify age-2.2 sockeye salmon caught in Alaskan District 106 and 108 gillnet fisheries, 1997.

Actual	Sample	Classified Group of Origin						Mean
Group	Size	Alaska I	Alaska II	Nass	Skeena	Tahltan	Stikine	Accuracy
3-Stock Function:								
Alaska	175	0.869		0.029	0.103			
Nass	200	0.065		0.780	0.155			
Skeena	24	0.292		0.000	0.708			0.786
2-Stock Function:								
Alaska	175	0.891			0.109			
Skeena	24	0.250			0.750			0.821

Appendix B8.–Classification matrices for linear discriminant functions used to classify age-2.3 sockeye salmon caught in Alaskan District 106 and 108 gillnet fisheries, 1997.

Actual	Sample	Classified Group of Origin						Mean
Group	Size	Alaska I	Alaska II	Nass	Skeena	Tahltan	Stikine	Accuracy
4-Stock Function:								
Alaska	200	0.820		0.075	0.025	0.080		
Nass	107	0.047		0.710	0.196	0.047		
Skeena	106	0.066		0.094	0.708	0.132		
Tahltan	65	0.046		0.031	0.215	0.708		0.736
3-Stock Function:								
Alaska	200	0.835			0.070	0.095		
Skeena	106	0.085			0.793	0.123		
Tahltan	65	0.046			0.154	0.800		0.809
2-Stock Function:								
Alaska	200	0.900			0.100			
Skeena	106	0.085			0.915			0.908

Appendix B9.–Classification matrices for linear discriminant functions used to classify age-1.2 sockeye salmon caught in Alaskan District 106 and 108 gillnet fisheries, 1998.

Actual	Sample	Classified Group of Origin							Mean
Group	Size	Alaska I	Alaska II	Nass	Skeena	Tahltan	Stikine	Tuya	Accuracy
4-Stock Function:									
Alaska	192	0.901		0.042		0.057		0.000	
Nass	200	0.045		0.700		0.125		0.130	
Tahltan	201	0.085		0.080		0.771		0.065	
Tuya	35	0.057		0.143		0.114		0.686	0.763

Appendix B10.–Classification matrices for linear discriminant functions used to classify age-1.3 sockeye salmon caught in Alaskan District 106 and 108 gillnet fisheries, 1998.

Actual	Sample	Classified Group of Origin							Mean
Group	Size	Alaska I	Alaska II	Nass	Skeena	Tahltan	Stikine	Tuya	Accuracy
7-Stock Function:									
Alaska I	200	0.515	0.155	0.050	0.025	0.125	0.130	0.000	
Alaska II	205	0.098	0.781	0.000	0.005	0.010	0.107	0.000	
Nass	200	0.040	0.005	0.515	0.245	0.005	0.050	0.095	
Skeena	203	0.059	0.015	0.158	0.493	0.103	0.035	0.138	
Tahltan	201	0.075	0.010	0.035	0.144	0.667	0.010	0.060	
Stikine	200	0.080	0.070	0.015	0.040	0.035	0.755	0.005	
Tuya	102	0.000	0.000	0.128	0.177	0.108	0.020	0.569	0.613
5-Stock Function:									
Alaska I	200	0.575	0.160	0.075	0.045		0.145		
Alaska II	205	0.117	0.776	0.000	0.005		0.102		
Nass	200	0.075	0.005	0.600	0.265		0.055		
Skeena	203	0.069	0.015	0.207	0.665		0.044		
Stikine	200	0.070	0.065	0.015	0.055		0.795		0.682
Alaska I	200	0.525	0.150		0.055	0.125	0.145		
Alaska II	205	0.102	0.785		0.005	0.015	0.093		
Skeena	203	0.059	0.015		0.714	0.163	0.049		
Tahltan	201	0.075	0.020		0.179	0.716	0.010		
Stikine	200	0.070	0.080		0.020	0.050	0.780		0.704

Appendix B11.–Classification matrices for linear discriminant functions used to classify age-2.2 sockeye salmon caught in Alaskan District 106 and 108 gillnet fisheries, 1998.

Actual	Sample	Classified Group of Origin							Mean
Group	Size	Alaska I	Alaska II	Nass	Skeena	Tahltan	Stikine	Tuya	Accuracy
4-Stock Function:									
Alaska	156	0.833		0.039		0.109		0.019	
Nass	198	0.046		0.879		0.056		0.020	
Tahltan	42	0.095		0.024		0.691		0.191	
Tuya	60	0.017		0.067		0.033		0.883	0.821

Appendix B12.–Classification matrices for linear discriminant functions used to classify age-2.3 sockeye salmon caught in Alaskan District 106 and 108 gillnet fisheries, 1998.

Actual	Sample	Classified Group of Origin							Mean
Group	Size	Alaska I	Alaska II	Nass	Skeena	Tahltan	Stikine	Tuya	Accuracy
4-Stock Function:									
Alaska	190	0.879		0.090		0.032		0.000	
Nass	100	0.150		0.760		0.020		0.070	
Tahltan	24	0.000		0.125		0.875		0.000	
Tuya	42	0.000		0.095		0.119		0.786	0.825

Appendix B13.–Classification matrices for linear discriminant functions used to classify age-1.2 sockeye salmon caught in Alaskan District 106 and 108 gillnet fisheries, 1999.

Actual	Sample	Classified Group of Origin							Mean
Group	Size	Alaska I	Alaska II	Nass	Skeena	Tahltan	Stikine	Tuya	Accuracy
6-Stock Function:									
Alaska I	200	0.665		0.030	0.015	0.070	0.175	0.045	
Nass	200	0.015		0.715	0.135	0.065	0.040	0.030	
Skeena	200	0.035		0.170	0.505	0.120	0.025	0.145	
Tahltan	138	0.058		0.036	0.130	0.652	0.058	0.065	
Stikine	116	0.155		0.155	0.009	0.112	0.543	0.026	
Tuya	40	0.050		0.125	0.100	0.150	0.100	0.475	0.593
4-Stock Function:									
Alaska	192	0.875		0.052		0.063		0.010	
Nass	200	0.035		0.745		0.145		0.075	
Tahltan	201	0.080		0.080		0.781		0.060	
Tuya	35	0.057		0.171		0.114		0.657	0.765

Appendix B14.–Classification matrices for linear discriminant functions used to classify age-1.3 sockeye salmon caught in Alaskan District 106 and 108 gillnet fisheries, 1999.

Actual	Sample	Classified Group of Origin							Mean
Group	Size	Alaska I	Alaska II	Nass	Skeena	Tahltan	Stikine	Tuya	Accuracy
7-Stock Function:									
Alaska I	200	0.480	0.095	0.035	0.055	0.135	0.190	0.010	
Alaska II	207	0.044	0.730	0.000	0.000	0.044	0.184	0.000	
Nass	156	0.013	0.006	0.785	0.064	0.058	0.032	0.045	
Skeena	130	0.054	0.000	0.177	0.439	0.162	0.039	0.131	
Tahltan	200	0.080	0.000	0.045	0.040	0.760	0.040	0.035	
Stikine	184	0.130	0.011	0.071	0.005	0.103	0.679	0.000	
Tuya	164	0.000	0.000	0.049	0.067	0.049	0.000	0.835	0.673
6-Stock Function:									
Alaska I	200	0.590	0.095	0.045	0.085		0.175	0.010	
Alaska II	207	0.053	0.768	0.000	0.005		0.174	0.000	
Nass	156	0.045	0.006	0.756	0.096		0.064	0.032	
Skeena	130	0.069	0.008	0.177	0.562		0.039	0.146	
Stikine	184	0.185	0.022	0.054	0.038		0.696	0.005	
Tuya	164	0.024	0.000	0.055	0.085		0.012	0.823	0.699
Alaska I	200	0.530	0.075	0.035		0.155	0.200	0.005	
Alaska II	207	0.039	0.744	0.000		0.039	0.179	0.000	
Nass	156	0.026	0.006	0.789		0.077	0.051	0.051	
Tahltan	200	0.060	0.005	0.045		0.810	0.050	0.030	
Stikine	184	0.130	0.016	0.054		0.125	0.674	0.000	
Tuya	164	0.006	0.000	0.055		0.073	0.006	0.860	0.734

Appendix B15.–Classification matrices for linear discriminant functions used to classify age-2.2 sockeye salmon caught in Alaskan District 106 and 108 gillnet fisheries, 1999.

Actual	Sample	Classified Group of Origin							Mean
Group	Size	Alaska I	Alaska II	Nass	Skeena	Tahltan	Stikine	Tuya	Accuracy
6-Stock Function:									
Alaska	201	0.672		0.030	0.090	0.050	0.154	0.005	
Nass	207	0.000		0.845	0.126	0.015	0.005	0.010	
Skeena	45	0.089		0.222	0.378	0.178	0.111	0.022	
Tahltan	42	0.000		0.024	0.167	0.500	0.095	0.214	
Stikine	16	0.000		0.000	0.125	0.188	0.688	0.000	
Tuya	185	0.000		0.054	0.038	0.038	0.000	0.870	0.659

Appendix B16.–Classification matrices for linear discriminant functions used to classify age-2.3 sockeye salmon caught in Alaskan District 106 and 108 gillnet fisheries, 1999.

Actual	Sample	Classified Group of Origin							Mean
Group	Size	Alaska I	Alaska II	Nass	Skeena	Tahltan	Stikine	Tuya	Accuracy
5-Stock Function:									
Alaska	141	0.702		0.092		0.106	0.085	0.014	
Nass	89	0.023		0.854		0.056	0.034	0.034	
Tahltan	74	0.095		0.041		0.730	0.081	0.054	
Stikine	18	0.056		0.000		0.333	0.611	0.000	
Tuya	88	0.000		0.057		0.057	0.000	0.886	0.757

Appendix B17.–Classification matrices for linear discriminant functions used to classify age-1.2 sockeye salmon caught in Alaskan District 106 and 108 gillnet fisheries, 2000.

Actual	Sample	Classified Group of Origin							Mean
Group	Size	Alaska I	Alaska II	Nass	Skeena	Tahltan	Stikine	Tuya	Accuracy
6-Stock Functions:									
Alaska	202	0.693		0.109	0.000	0.104	0.064	0.030	
Nass	201	0.055		0.687	0.194	0.015	0.015	0.035	
Skeena	200	0.005		0.140	0.670	0.050	0.005	0.130	
Tahltan	107	0.084		0.019	0.075	0.701	0.047	0.075	
Stikine	58	0.103		0.000	0.155	0.121	0.586	0.035	
Tuya	110	0.018		0.009	0.136	0.109	0.000	0.727	0.677
4-Stock Functions:									
Alaska	202	0.748		0.134	0.005		0.114		
Nass	201	0.065		0.716	0.199		0.020		
Skeena	200	0.005		0.170	0.820		0.005		
Stikine	58	0.086		0.017	0.190		0.707		0.748
3-Stock Functions:									
Alaska	202	0.817			0.040		0.144		
Skeena	200	0.035			0.955		0.010		
Stikine	58	0.086			0.207		0.707		0.826

Appendix B18.–Classification matrices for linear discriminant functions used to classify age-1.3 sockeye salmon caught in Alaskan District 106 and 108 gillnet fisheries, 2000.

Actual	Sample	Classified Group of Origin							Mean
Group	Size	Alaska I	Alaska II	Nass	Skeena	Tahltan	Stikine	Tuya	Accuracy
6-Stock Function:									
Alaska	219	0.731		0.027	0.018	0.069	0.119	0.037	
Nass	133	0.008		0.647	0.218	0.038	0.045	0.045	
Skeena	157	0.083		0.159	0.548	0.045	0.038	0.127	
Tahltan	126	0.046		0.035	0.030	0.722	0.040	0.126	
Stikine	198	0.167		0.119	0.008	0.071	0.611	0.024	
Tuya	68	0.015		0.103	0.162	0.382	0.029	0.309	0.595
5-Stock Function:									
Alaska I	219	0.671	0.178	0.037	0.041		0.073		
Alaska II	200	0.125	0.710	0.005	0.005		0.155		
Nass	133	0.023	0.023	0.692	0.233		0.030		
Skeena	157	0.089	0.019	0.178	0.656		0.057		
Stikine	126	0.071	0.198	0.119	0.016		0.595		0.665
4-Stock Function:									
Alaska I	219	0.653	0.219		0.050		0.078		
Alaska II	200	0.135	0.690		0.005		0.170		
Skeena	157	0.102	0.006		0.809		0.083		
Stikine	126	0.071	0.198		0.040		0.691		0.711

Appendix B19.–Classification matrices for linear discriminant functions used to classify age-2.2 sockeye salmon caught in Alaskan District 106 and 108 gillnet fisheries, 2000.

Actual	Sample	Classified Group of Origin							Mean
Group	Size	Alaska I	Alaska II	Nass	Skeena	Tahltan	Stikine	Tuya	Accuracy
5-Stock Function:									
Alaska	174	0.684		0.075	0.126	0.092		0.023	
Nass	204	0.020		0.882	0.064	0.034		0.000	
Skeena	24	0.250		0.083	0.458	0.083		0.125	
Tahltan	11	0.091		0.000	0.182	0.727		0.000	
Tuya	200	0.000		0.000	0.085	0.010		0.905	0.731
3-Stock Function:									
Alaska	174	0.770		0.098	0.132				
Nass	204	0.034		0.927	0.039				
Skeena	24	0.208		0.250	0.542				0.746

Appendix B20.–Classification matrices for linear discriminant functions used to classify age-2.3 sockeye salmon caught in Alaskan District 106 and 108 gillnet fisheries, 2000.

Actual	Sample	Classified Group of Origin							Mean
Group	Size	Alaska I	Alaska II	Nass	Skeena	Tahltan	Stikine	Tuya	Accuracy
5-Stock Function:									
Alaska	213	0.714		0.014	0.178	0.085		0.009	
Nass	160	0.019		0.788	0.144	0.038		0.013	
Skeena	32	0.219		0.281	0.281	0.188		0.031	
Tahltan	55	0.018		0.018	0.091	0.873		0.000	
Tuya	79	0.013		0.038	0.063	0.025		0.861	0.703
3-Stock Function:									
Alaska	213	0.765		0.019	0.216				
Nass	160	0.019		0.800	0.181				
Skeena	32	0.250		0.250	0.500				0.688
2-Stock Function:									
Alaska	213	0.789			0.211				
Skeena	32	0.188			0.813				0.801

APPENDIX C. COMMERCIAL CATCH STOCK COMPOSITION

Appendix C1.–Estimated contributions of sockeye salmon stocks originating in Alaska and Canada to the Alaskan Sub-district 106-30 drift gillnet fishery, 1996.

		Catch By Age Class								Standard	90% C.I. [b]	
Dates	Stock Group	1.2	1.3	2.2	2.3	0.	Other	Total	Percent [a]	Error [b]	Lower	Upper
6/16-6/22	Alaska I	52	190	31	11	0	4	287	78.1	25.3	246	329
Week25	Alaska II	0	0	0	0	0	0	0	0.0	14.7	0	24
	Nass	14	8	4	0	0	0	27	7.4	13.5	5	49
	Skeena	0	33	0	0	0	0	33	9.1	18.6	3	64
	Tahltan	0	11	0	0	0	0	12	3.2	14.5	0	36
	Stikine	0	3	0	0	5	0	8	2.2	14.9	0	33
	Tuya	0	0	0	0	0	0	0	0.0	0.0	0	0
	Total	66	245	35	12	5	5	368				
6/23-6/29	Alaska I	124	786	106	80	0	0	1,096	83.4	93.9	941	1,250
Week 26	Alaska II	0	0	0	0	0	0	0	0.0	64.8	0	107
	Nass	35	108	15	0	0	0	158	12.0	51.3	74	243
	Skeena	0	46	0	1	0	0	47	3.6	55.4	0	138
	Tahltan	0	0	0	3	0	0	3	0.2	40.5	0	69
	Stikine	0	0	0	0	9	0	9	0.7	17.8	0	39
	Tuya	0	0	0	0	0	0	0	0.0	0.0	0	0
	Total	158	941	121	84	9	0	1,313				
6/30-7/06	Alaska I	670	1,948	657	102	0	0	3,377	76.8	525.8	2,512	4,242
Week 27	Alaska II	0	0	0	0	0	0	0	0.0	344.1	0	566
	Nass	188	314	94	0	0	0	595	13.5	318.5	72	1,119
	Skeena	0	391	0	2	0	0	392	8.9	395.9	0	1,044
	Tahltan	0	29	0	3	0	0	32	0.7	240.0	0	427
	Stikine	0	0	0	0	0	0	0	0.0	79.7	0	131
	Tuya	0	0	0	0	0	0	0	0.0	0.0	0	0
	Total	858	2,681	751	107	0	0	4,397				
7/07-7/13	Alaska I	964	4,100	694	874	0	32	6,664	77.8	515.6	5,816	7,512
Week 28	Alaska II	0	0	0	0	0	0	0	0.0	336.0	0	553
	Nass	88	456	318	0	0	4	867	10.1	282.6	402	1,332
	Skeena	66	603	0	15	0	3	688	8.0	355.6	103	1,273
	Tahltan	0	73	85	29	0	1	188	2.2	342.6	0	752
	Stikine	0	0	0	0	160	0	160	1.9	123.7	0	363
	Tuya	0	0	0	0	0	0	0	0.0	0.0	0	0
	Total	1,118	5,232	1,098	919	160	40	8,567				
7/14-7/20	Alaska I	1,213	6,076	760	943	0	13	9,004	67.4	832.1	7,636	10,373
Week 29	Alaska II	0	889	0	0	0	1	890	6.7	609.8	0	1,894
	Nass	109	1,596	348	124	0	3	2,181	16.3	495.9	1,366	2,997
	Skeena	471	0	0	246	0	1	718	5.4	472.0	0	1,494
	Tahltan	0	75	94	0	0	0	169	1.3	372.4	0	782
	Stikine	0	0	0	0	314	0	314	2.4	144.9	76	553
	Tuya	0	90	0	0	0	0	90	0.7	2.4	86	94
	Total	1,793	8,726	1,202	1,313	314	18	13,367				
7/21-7/27	Alaska I	2,807	6,675	1,789	1,311	0	19	12,601	52.3	1,371.4	10,346	14,857
Week 30	Alaska II	0	3,950	0	0	0	6	3,956	16.4	1,061.0	2,211	5,701
	Nass	1,118	493	857	236	0	4	2,708	11.2	813.4	1,370	4,046
	Skeena	717	3,354	0	390	0	7	4,467	18.5	1,141.4	2,590	6,345
	Tahltan	0	74	22	0	0	0	96	0.4	628.0	0	1,129
	Stikine	0	0	0	0	256	0	256	1.1	307.4	0	761
	Tuya	0	0	0	0	0	0	0	0.0	0.0	0	0
	Total	4,642	14,546	2,668	1,937	256	37	24,085				
7/28-8/03	Alaska I	1,636	3,123	886	528	0	0	6,172	56.3	587.7	5,205	7,139
Week 31	Alaska II	0	1,069	0	0	0	0	1,069	9.8	420.0	378	1,759
	Nass	0	878	425	95	0	0	1,397	12.7	360.6	804	1,990
	Skeena	903	988	0	157	0	0	2,048	18.7	489.1	1,244	2,853
	Tahltan	125	28	11	0	0	0	164	1.5	475.1	0	946
	Stikine	0	0	0	0	108	0	108	1.0	154.0	0	362
	Tuya	0	0	0	0	0	0	0	0.0	0.0	0	0
	Total	2,664	6,085	1,321	780	108	0	10,958				

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Dates	Stock Group	Catch By Age Class 1.2	1.3	2.2	2.3	0.	Other	Total	Percent [a]	Standard Error [b]	90% C.I. [b] Lower	Upper
8/04-8/10	Alaska I	1,283	3,103	1,027	771	0	0	6,183	37.6	833.6	4,812	7,554
Week 32	Alaska II	0	1,679	0	0	0	0	1,679	10.2	607.2	680	2,677
	Nass	0	1,421	803	139	0	0	2,362	14.4	782.5	1,075	3,650
	Skeena	1,602	4,405	0	145	0	0	6,152	37.4	1,021.7	4,471	7,833
	Tahltan	0	0	0	0	0	0	0	0.0	286.9	0	472
	Stikine	0	0	0	0	62	0	62	0.4	566.4	0	994
	Tuya	0	0	0	0	0	0	0	0.0	0.0	0	0
	Total	2,884	10,607	1,830	1,055	62	0	16,438				
8/11-8/17	Alaska I	489	1,104	268	205	0	8	2,074	45.0	258.0	1,649	2,498
Week 33	Alaska II	0	732	0	0	0	3	735	16.0	204.6	398	1,071
	Nass	0	291	209	37	0	2	539	11.7	202.5	206	872
	Skeena	175	1,006	0	39	0	5	1,225	26.6	269.7	781	1,668
	Tahltan	0	0	0	0	0	0	0	0.0	61.0	0	100
	Stikine	0	0	0	0	34	0	34	0.7	172.7	0	318
	Tuya	0	0	0	0	0	0	0	0.0	0.0	0	0
	Total	664	3,133	477	281	34	17	4,606				
8/18-8/24	Alaska I	36	282	134	68	0	2	522	34.0	80.7	389	654
Week 34	Alaska II	0	197	0	0	0	1	197	12.8	61.7	96	299
	Nass	0	100	75	12	0	1	188	12.2	74.7	65	310
	Skeena	113	458	5	13	0	2	590	38.5	98.2	429	752
	Tahltan	0	0	0	0	0	0	0	0.0	8.3	0	14
	Stikine	38	0	0	0	0	0	38	2.5	56.5	0	131
	Tuya	0	0	0	0	0	0	0	0.0	0.0	0	0
	Total	187	1,037	214	93	0	4	1,535				
Wks. 35-39	Alaska I	30	424	149	93	0	0	697	41.4	93.3	543	850
8/25-9/28	Alaska II	0	130	0	0	0	0	130	7.7	62.8	27	234
	Nass	0	107	83	17	0	0	207	12.3	79.4	77	338
	Skeena	96	457	6	17	0	0	576	34.2	105.5	402	749
	Tahltan	0	0	0	0	0	0	0	0.0	9.6	0	16
	Stikine	32	0	0	0	40	0	72	4.3	62.7	0	175
	Tuya	0	0	0	0	0	0	0	0.0	0.0	0	0
	Total	159	1,119	238	127	40	0	1,682				
	Alaska I	9,303	27,811	6,500	4,986	0	77	48,677	55.7	2,061	45,287	52,067
	Alaska II	0	8,645	0	0	0	11	8,656	9.9	1,526	6,146	11,166
Season	Nass	1,552	5,771	3,233	659	0	14	11,230	12.9	1,374	8,970	13,490
Totals	Skeena	4,143	11,740	10	1,026	0	18	16,937	19.4	1,786	13,999	19,874
	Tahltan	125	291	211	35	0	1	665	0.8	1,011	0	2,327
	Stikine	70	3	0	0	988	0	1,062	1.2	721	0	2,247
	Tuya	0	90	0	0	0	0	90	0.1	2	86	94
	Total	15,193	54,352	9,954	6,707	988	121	87,316				

[a] Percents may not sum to 100.

[b] The standard errors are minimum estimates since no estimates of the variance for stocks contributing 0 fish during a given week or for the 'other' age class are available. The 90% confidence intervals are affected in a like manner.

Appendix C2.–Estimated CPUE and migratory timing of sockeye salmon stocks in the Alaska Subdistrict 106-30 drift gillnet fishery, 1996.

Stat	Days	Number	Boat	Stock Group							
Week	Open	Boats	Days	Alaska I	Alaska II	Nass	Skeena	Tahltan	Stikine	Tuya	Total
Catch per Boat Day											
25	2	12	24	12	0	1	1	0	0	0	15
26	2	14	28	39	0	6	2	0	0	0	47
27	2	23	46	73	0	13	9	1	0	0	96
28	2	34	68	98	0	13	10	3	2	0	126
29	3	55	165	55	5	13	4	1	2	1	81
30	3	59	177	71	22	15	25	1	1	0	136
31	3	68	204	30	5	7	10	1	1	0	54
32	3	59	177	35	9	13	35	0	0	0	93
33	3	61	183	11	4	3	7	0	0	0	25
34	3	45	135	4	1	1	4	0	0	0	11
35-39	13	129	1677	0	0	0	0	0	0	0	1
25				429	48	86	108	6	8	1	685
Migratory Timing: Proportion of Stock-specific CPUE by week											
25				0.028	0.000	0.013	0.013	0.077	0.044	0.000	0.022
26				0.091	0.000	0.066	0.016	0.015	0.043	0.000	0.068
27				0.171	0.000	0.151	0.079	0.109	0.000	0.000	0.140
28				0.228	0.000	0.149	0.094	0.431	0.302	0.000	0.184
29				0.127	0.112	0.154	0.040	0.159	0.245	1.000	0.118
30				0.166	0.465	0.179	0.235	0.084	0.186	0.000	0.199
31				0.071	0.109	0.080	0.093	0.125	0.068	0.000	0.078
32				0.081	0.197	0.156	0.323	0.000	0.045	0.000	0.136
33				0.026	0.084	0.034	0.062	0.000	0.024	0.000	0.037
34				0.009	0.030	0.016	0.041	0.000	0.036	0.000	0.017
35-39				0.001	0.002	0.001	0.003	0.000	0.006	0.000	0.001
Total				1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Appendix C3.–Estimated contributions of sockeye salmon stocks originating in Alaska and Canada to the Alaskan Sub-district 106-41 drift gillnet fishery, 1996.

		Catch By Age Class								Standard	90% C.I. [b]	
Dates	Stock Group	1.2	1.3	2.2	2.3	0.	Other	Total	Percent [a]	Error [b]	Lower	Upper
6/16-6/22	Alaska I	150	426	50	101	0	0	728	26.1	157.9	468	987
Wk25	Alaska II	0	0	0	0	0	0	0	0.0	71.5	0	118
	Nass	112	127	31	0	0	0	269	9.7	120.2	72	467
	Skeena	0	396	0	10	0	0	406	14.6	223.8	38	774
	Tahltan	24	1,044	58	60	0	0	1,186	42.6	87.7	1,042	1,330
	Stikine	0	0	0	0	67	0	67	2.4	179.7	0	362
	Tuya	0	117	13	0	0	0	129	4.6	3.8	123	136
	Total	285	2,110	152	171	67	0	2,785				
6/23-6/29	Alaska I	735	0	551	1,085	0	5	2,376	9.1	1,052.7	644	4,107
Week 26	Alaska II	0	858	0	0	0	2	859	3.3	619.7	0	1,879
	Nass	548	1,021	336	0	0	4	1,910	7.3	902.4	425	3,394
	Skeena	0	171	0	107	0	1	279	1.1	2,003.1	0	3,574
	Tahltan	0	16,193	86	638	0	36	16,953	64.9	817.2	15,609	18,297
	Stikine	0	474	0	0	807	1	1,282	4.9	1,683.4	0	4,052
	Tuya	116	1,629	695	0	0	5	2,446	9.4	104.2	2,275	2,617
	Total	1,399	20,346	1,669	1,830	807	54	26,105				
6/30-7/06	Alaska I	1,569	5,769	915	826	0	37	9,116	31.4	1,677.0	6,358	11,875
Week 27	Alaska II	0	0	0	0	0	0	0	0.0	839.5	0	1,381
	Nass	517	541	790	0	0	8	1,856	6.4	861.4	439	3,273
	Skeena	0	95	0	82	0	1	177	0.6	1,826.3	0	3,181
	Tahltan	0	11,310	224	485	0	50	12,069	41.6	1,087.7	10,280	13,858
	Stikine	0	1,012	0	0	755	4	1,771	6.1	1,729.3	0	4,616
	Tuya	527	1,999	1,496	0	0	17	4,039	13.9	151.3	3,790	4,288
	Total	2,613	20,727	3,425	1,393	755	116	29,029				
7/07-7/13	Alaska I	1,902	8,040	826	1,855	0	65	12,688	42.2	1,789.0	9,745	15,631
Week 28	Alaska II	0	1,725	0	0	0	9	1,734	5.8	1,120.1	0	3,576
	Nass	627	1,552	713	25	0	15	2,932	9.7	984.2	1,313	4,551
	Skeena	0	255	0	306	0	3	564	1.9	1,608.4	0	3,210
	Tahltan	0	7,828	1,133	379	0	48	9,389	31.2	990.2	7,760	11,018
	Stikine	0	0	0	0	830	0	830	2.8	1,575.0	0	3,421
	Tuya	639	891	420	0	0	10	1,960	6.5	86.1	1,818	2,101
	Total	3,168	20,290	3,093	2,565	830	151	30,096				
7/14-7/20	Alaska I	4,470	9,083	1,964	1,545	0	0	17,063	51.3	2,010.8	13,755	20,370
Week 29	Alaska II	0	3,703	0	0	0	0	3,703	11.1	1,346.9	1,487	5,918
	Nass	897	333	1,044	20	0	0	2,294	6.9	1,048.0	570	4,018
	Skeena	336	2,095	0	255	0	0	2,686	8.1	1,622.0	18	5,354
	Tahltan	0	4,974	0	316	0	0	5,289	15.9	1,138.9	3,416	7,163
	Stikine	0	0	0	0	1,912	0	1,912	5.7	1,572.8	0	4,499
	Tuya	33	167	141	0	0	0	340	1.0	22.2	304	377
	Total	5,735	20,355	3,149	2,137	1,912	0	33,287				
7/21-7/27	Alaska I	3,578	12,059	2,071	1,353	0	0	19,061	57.8	1,932.3	15,883	22,240
Week 30	Alaska II	0	1,691	0	0	0	0	1,691	5.1	1,224.1	0	3,705
	Nass	2,782	2,885	1,101	18	0	0	6,786	20.6	1,389.7	4,500	9,072
	Skeena	1,177	1,116	0	224	0	0	2,516	7.6	1,523.6	10	5,023
	Tahltan	508	1,341	148	277	0	0	2,274	6.9	1,179.6	333	4,214
	Stikine	0	0	0	0	302	0	302	0.9	1,116.0	0	2,138
	Tuya	165	165	0	0	0	0	330	1.0	9.3	314	345
	Total	8,210	19,257	3,320	1,871	302	0	32,960				
7/28-8/03	Alaska I	3,206	6,522	2,181	1,458	0	86	13,454	47.2	1,435.8	11,092	15,816
Week 31	Alaska II	0	1,707	0	0	0	11	1,718	6.0	899.9	238	3,198
	Nass	0	1,028	1,269	158	0	16	2,471	8.7	959.0	893	4,049
	Skeena	4,421	5,905	0	291	0	68	10,686	37.5	1,692.2	7,902	13,469
	Tahltan	0	0	0	0	0	0	0	0.0	1,025.6	0	1,687
	Stikine	0	0	0	0	182	0	182	0.6	865.3	0	1,605
	Tuya	0	0	0	0	0	0	0	0.0	0.0	0	0
	Total	7,627	15,163	3,450	1,907	182	182	28,510				

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Dates	Stock Group	Catch By Age Class 1.2	1.3	2.2	2.3	0.	Other	Total	Percent [a]	Standard Error [b]	90% C.I. [b] Lower	Upper
8/04-8/10	Alaska I	2,658	4,788	1,798	1,440	0	38	10,722	49.3	1,066.1	8,968	12,476
Week 32	Alaska II	0	1,233	0	0	0	4	1,237	5.7	669.1	136	2,338
	Nass	0	395	1,046	156	0	6	1,603	7.4	802.7	282	2,923
	Skeena	1,608	5,765	0	287	0	27	7,688	35.3	1,196.0	5,720	9,655
	Tahltan	461	0	0	0	0	2	462	2.1	441.1	0	1,188
	Stikine	0	0	0	0	38	0	38	0.2	691.3	0	1,176
	Tuya	0	0	0	0	0	0	0	0.0	0.0	0	0
	Total	4,727	12,182	2,844	1,883	38	77	21,750				
8/11-8/17	Alaska I	599	2,885	366	680	0	0	4,529	43.7	600.4	3,542	5,517
Week 33	Alaska II	0	498	0	0	0	0	498	4.8	383.3	0	1,129
	Nass	0	659	365	143	0	0	1,167	11.3	507.0	333	2,001
	Skeena	512	2,950	0	240	0	0	3,702	35.7	674.7	2,592	4,811
	Tahltan	0	0	0	0	0	0	0	0.0	62.2	0	102
	Stikine	126	323	0	0	17	0	467	4.5	447.2	0	1,203
	Tuya	0	0	0	0	0	0	0	0.0	0.0	0	0
	Total	1,237	7,315	732	1,062	17	0	10,363				
8/18-9/28	Alaska I	491	2,534	321	300	0	7	3,653	46.5	474.7	2,872	4,434
Week 34-39	Alaska II	0	73	0	0	0	0	73	0.9	261.8	0	504
	Nass	0	659	320	63	0	2	1,044	13.3	413.7	363	1,724
	Skeena	454	2,470	0	106	0	6	3,036	38.6	542.2	2,144	3,928
	Tahltan	0	0	0	0	0	0	0	0.0	35.9	0	59
	Stikine	40	0	0	0	16	0	56	0.7	307.4	0	562
	Tuya	0	0	0	0	0	0	0	0.0	0.0	0	0
	Total	985	5,736	641	469	16	16	7,862				
	Alaska I	19,356	52,108	11,043	10,643	0	239	93,390	41.9	4,325	86,275	100,505
	Alaska II	0	11,487	0	0	0	26	11,514	5.2	2,671	7,120	15,907
Season	Nass	5,483	9,200	7,016	582	0	50	22,332	10.0	2,750	17,808	26,855
Totals	Skeena	8,507	21,217	0	1,909	0	106	31,739	14.2	4,470	24,386	39,092
	Tahltan	992	42,691	1,650	2,154	0	136	47,623	21.4	2,604	43,340	51,906
	Stikine	166	1,810	0	0	4,925	5	6,907	3.1	3,685	845	12,968
	Tuya	1,480	4,967	2,765	0	0	32	9,244	4.2	204	8,908	9,580
	Total	35,985	143,481	22,474	15,288	4,925	595	222,747				

[a] Percents may not sum to 100.

[b] The standard errors are minimum estimates since no estimates of the variance for stocks contributing 0 fish during a given week or for the 'other' age class are available. The 90% confidence intervals are affected in a like manner.

Appendix C4.–Estimated CPUE and migratory timing of sockeye salmon stocks in the Alaska Subdistrict 106-41 drift gillnet fishery, 1996.

Stat Week	Days Open	Number Boats	Boat Days	Stock Group							
				Alaska I	Alaska II	Nass	Skeena	Tahltan	Stikine	Tuya	Total
Catch per Boat Day											
25	2	46	92	8	0	3	4	13	1	1	30
26	2	65	130	18	7	15	2	130	10	19	201
27	5.5	68	374	24	0	5	0	32	5	11	78
28	5.5	88	484	26	4	6	1	19	2	4	62
29	3	89	267	64	14	9	10	20	7	1	125
30	3	103	309	62	5	22	8	7	1	1	107
31	3	97	291	46	6	8	37	0	1	0	98
32	3	96	288	37	4	6	27	2	0	0	76
33	3	93	279	16	2	4	13	0	2	0	37
34-39	16	388	6208	1	0	0	0	0	0	0	1
Total				303	42	78	104	224	28	37	814
Migratory Timing: Prop of Stock-specific CPUE by week											
25				0.026	0.000	0.038	0.043	0.058	0.026	0.038	0.037
26				0.060	0.159	0.189	0.021	0.583	0.357	0.503	0.247
27				0.081	0.000	0.064	0.005	0.144	0.171	0.289	0.095
28				0.087	0.086	0.078	0.011	0.087	0.062	0.108	0.076
29				0.211	0.334	0.111	0.097	0.089	0.259	0.034	0.153
30				0.204	0.132	0.283	0.079	0.033	0.035	0.029	0.131
31				0.153	0.142	0.109	0.355	0.000	0.023	0.000	0.120
32				0.123	0.103	0.072	0.258	0.007	0.005	0.000	0.093
33				0.054	0.043	0.054	0.128	0.000	0.061	0.000	0.046
34-39				0.002	0.000	0.002	0.005	0.000	0.000	0.000	0.002
Total				1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Appendix C5.–Estimated contributions of sockeye salmon stocks originating in Alaska and Canada to the Alaskan District 108 drift gillnet fishery, 1996.

		Catch By Age Class								Standard	90% C.I. [b]	
Dates	Stock Group	1.2	1.3	2.2	2.3	0.	Other	Total	Percent [a]	Error [b]	Lower	Upper
6/09-6/15	Alaska I	0	4	0	1	0	0	5	5.0	63.6	0	109
Week24	Alaska II	0	0	0	0	0	0	0	0.0	5.2	0	9
	Nass	0	8	0	0	0	0	9	9.7	7.2	0	21
	Skeena	0	5	0	0	0	0	6	6.1	10.2	0	22
	Tahltan	1	20	0	2	0	1	24	26.2	8.7	10	38
	Stikine	0	31	0	0	15	1	47	51.1	10.6	29	64
	Tuya	0	2	0	0	0	0	2	1.9	0.1	1	2
	Total	2	70	0	3	15	2	91				
6/16-6/22	Alaska I	13	643	12	63	0	3	734	12.7	323.1	202	1,266
Week25	Alaska II	0	67	0	0	0	0	67	1.2	160.9	0	332
	Nass	26	232	0	14	0	1	272	4.7	186.6	0	579
	Skeena	0	7	0	0	0	0	7	0.1	434.1	0	721
	Tahltan	72	3,710	45	193	0	17	4,036	70.0	405.7	3,369	4,704
	Stikine	24	78	0	0	359	0	462	8.0	190.8	148	775
	Tuya	0	136	55	0	0	1	192	3.3	23.7	153	231
	Total	135	4,872	112	269	359	22	5,770				
6/23-6/29	Alaska I	148	0	211	297	0	0	656	1.6	1,729.1	0	3,501
Week 26	Alaska II	0	0	0	0	0	0	0	0.0	611.4	0	1,006
	Nass	284	0	0	65	0	0	349	0.8	1,373.3	0	2,608
	Skeena	0	4,431	0	0	0	0	4,431	10.8	3,762.2	0	10,620
	Tahltan	0	28,181	1,363	911	0	0	30,455	74.1	2,980.4	25,552	35,358
	Stikine	260	0	0	0	1,273	0	1,532	3.7	941.0	0	3,080
	Tuya	793	2,388	477	0	0	0	3,658	8.9	162.2	3,391	3,925
	Total	1,485	35,001	2,051	1,273	1,273	0	41,082				
6/30-7/06	Alaska I	126	0	315	526	0	4	971	2.1	1,512.6	0	3,459
Week 27	Alaska II	0	0	0	0	0	0	0	0.0	623.1	0	1,025
	Nass	241	1,750	0	114	0	9	2,115	4.6	1,205.0	132	4,097
	Skeena	0	22	0	0	0	0	23	0.0	2,889.9	0	4,776
	Tahltan	0	31,689	1,749	1,612	0	144	35,195	76.4	2,499.9	31,082	39,307
	Stikine	221	1,365	0	0	2,073	7	3,665	8.0	1,151.7	1,770	5,559
	Tuya	674	2,391	1,000	0	0	17	4,081	8.9	208.0	3,739	4,423
	Total	1,262	37,218	3,064	2,253	2,073	180	46,049				
7/07-7/13	Alaska I	737	1,024	355	229	0	0	2,345	7.3	1,108.0	522	4,168
Week 28	Alaska II	0	357	0	0	0	0	357	1.1	558.4	0	1,275
	Nass	428	557	105	50	0	0	1,140	3.5	844.4	0	2,529
	Skeena	0	2,023	0	0	0	0	2,023	6.3	1,921.8	0	5,184
	Tahltan	0	16,537	3,727	701	0	0	20,965	65.1	1,660.6	18,234	23,697
	Stikine	0	1,223	0	0	1,959	0	3,182	9.9	876.9	1,739	4,625
	Tuya	365	1,426	405	0	0	0	2,197	6.8	61.1	2,096	2,297
	Total	1,531	23,146	4,592	980	1,959	0	32,208				
7/14-7/20	Alaska I	364	4,194	44	76	0	0	4,678	33.6	906.9	3,186	6,170
Week 29	Alaska II	0	0	0	0	0	0	0	0.0	549.3	0	904
	Nass	211	161	13	16	0	0	402	2.9	394.2	0	1,050
	Skeena	0	16	0	0	0	0	16	0.1	701.0	0	1,169
	Tahltan	136	3,345	381	232	0	0	4,093	29.4	777.8	2,813	5,372
	Stikine	0	2,452	0	0	1,905	0	4,357	31.3	813.7	3,019	5,696
	Tuya	44	183	137	0	0	0	364	2.6	32.3	311	417
	Total	755	10,352	575	323	1,905	0	13,910				
7/21-7/27	Alaska I	274	2,813	509	146	0	0	3,741	31.5	701.5	2,587	4,895
Week 30	Alaska II	0	1,357	0	0	0	0	1,357	11.4	566.8	425	2,290
	Nass	111	748	87	54	0	0	1,000	8.4	440.8	275	1,725
	Skeena	13	133	0	230	0	0	376	3.2	530.1	0	1,248
	Tahltan	42	998	71	29	0	0	1,140	9.6	480.4	350	1,930
	Stikine	277	2,391	0	0	1,470	0	4,137	34.8	708.9	2,971	5,304
	Tuya	42	84	0	0	0	0	125	1.1	6.4	115	136
	Total	758	8,523	666	459	1,470	0	11,877				
7/28-8/03	Alaska I	52	130	40	29	0	2	253	12.9	95.2	96	410
Week 31	Alaska II	0	226	0	0	0	2	228	11.6	101.0	62	394
	Nass	21	57	7	11	0	1	96	4.9	74.1	0	218
	Skeena	2	0	0	46	0	0	49	2.5	81.8	0	183
	Tahltan	0	88	6	6	0	1	100	5.1	76.4	0	226
	Stikine	53	948	0	0	190	7	1,198	61.1	149.7	952	1,444
	Tuya	16	20	0	0	0	0	36	1.8	3.0	31	41
	Total	144	1,468	52	92	190	13	1,960				

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Dates	Stock Group	Catch By Age Class 1.2	1.3	2.2	2.3	0.	Other	Total	Percent [a]	Standard Error [b]	90% C.I. [b] Lower	Upper
8/04-9/21	Alaska I	20	166	24	35	0	0	244	20.3	68.3	132	357
Wks 32-38	Alaska II	0	95	0	0	0	0	95	7.9	57.2	1	189
	Nass	8	38	4	13	0	0	63	5.2	54.4	0	152
	Skeena	1	206	0	55	0	0	262	21.8	85.1	122	402
	Tahltan	6	24	3	7	0	0	40	3.3	50.8	0	124
	Stikine	20	344	0	0	125	0	489	40.6	86.0	347	630
	Tuya	0	10	0	0	0	0	10	0.8	0.5	9	11
	Total	55	883	31	109	125	0	1,203				
	Alaska I	1,734	8,973	1,509	1,402	0	9	13,627	8.8	2,818	8,991	18,263
	Alaska II	0	2,102	0	0	0	2	2,104	1.4	1,318	0	4,272
Season	Nass	1,332	3,550	217	336	0	11	5,445	3.5	2,108	1,977	8,913
Totals	Skeena	16	6,844	0	331	0	1	7,192	4.7	5,213	0	15,767
	Tahltan	257	84,591	7,344	3,693	0	162	96,048	62.3	4,347	88,897	103,200
	Stikine	853	8,832	0	0	9,369	15	19,069	12.4	2,052	15,693	22,445
	Tuya	1,934	6,640	2,074	0	0	18	10,665	6.9	274	10,214	11,115
	Total	6,125	121,532	11,144	5,762	9,369	217	154,150				

[a] Percents may not sum to 100.

[b] The standard errors are minimum estimates since no estimates of the variance for stocks contributing 0 fish during a given week or for the 'other' age class are available. The 90% confidence intervals are affected in a like manner.

Appendix C6.–Estimated CPUE and migratory timing of sockeye salmon stocks in the Alaska District 108 drift gillnet fishery, 1996.

Stat	Days	Number	Boat	Stock Group							
Week	Open	Boats	Days	Alaska I	Alaska II	Nass	Skeena	Tahltan	Stikine	Tuya	Total
Catch per Boat Day											
24	1	22	22	0	0	0	0	1	2	0	4
25	4	40	92	8	1	3	0	44	5	2	63
26	5.5	98	390	2	0	1	11	78	4	9	105
27	5.5	122	537	2	0	4	0	66	7	8	86
28	5	128	541	4	1	2	4	39	6	4	60
29	5	90	273	17	0	1	0	15	16	1	51
30	5	66	188	20	7	5	2	6	22	1	63
31	3	18	54	5	4	2	1	2	22	1	36
32-39	22	110	299	1	0	0	1	0	2	0	4
Total				59	13	19	19	250	86	26	472
Migratory Timing: Prop of Stock-specific CPUE by week											
24				0.004	0.000	0.021	0.013	0.004	0.025	0.003	0.009
25				0.136	0.056	0.155	0.004	0.175	0.059	0.080	0.133
26				0.029	0.000	0.047	0.589	0.312	0.046	0.362	0.223
27				0.031	0.000	0.206	0.002	0.262	0.080	0.293	0.182
28				0.074	0.050	0.110	0.194	0.155	0.069	0.157	0.126
29				0.293	0.000	0.077	0.003	0.060	0.187	0.051	0.108
30				0.340	0.549	0.279	0.104	0.024	0.257	0.026	0.134
31				0.080	0.321	0.094	0.047	0.007	0.259	0.026	0.077
32-39				0.014	0.024	0.011	0.045	0.001	0.019	0.001	0.009
Total				1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Appendix C7.–Estimated contributions of sockeye salmon stocks originating in Alaska and Canada to the Alaskan Sub-district 106-30 drift gillnet fishery, 1997.

		Catch By Age Class								Standard	90% C.I [b]	
Dates	Stock Group	1.2	1.3	2.2	2.3	0.	Other	Total	Percent [a]	Error [b]	Lower	Upper
6/16-7/06	Alaska I	285	3,085	101	350	0	0	3,821	59.3	699.8	2,670	4,972
Wks. 25-27	Alaska II	0	885	0	0	0	0	885	13.7	643.5	0	1,943
	Nass	151	0	0	31	0	0	183	2.8	592.7	0	1,158
	Skeena	0	495	0	53	0	0	548	8.5	609.2	0	1,550
	Tahltan	0	0	0	0	0	0	0	0.0	398.1	0	655
	Stikine	21	0	0	0	145	0	166	2.6	305.0	0	668
	Tuya	193	529	116	0	0	0	839	13.0	171.7	556	1,121
	Total	651	4,994	217	434	145	0	6,441				
7/07-7/13	Alaska I	303	3,108	139	318	0	0	3,867	66.0	649.0	2,799	4,934
Week 28	Alaska II	0	710	0	0	0	0	710	12.1	592.9	0	1,685
	Nass	169	0	9	28	0	0	206	3.5	522.2	0	1,065
	Skeena	0	473	0	49	0	0	521	8.9	490.4	0	1,328
	Tahltan	0	0	0	0	0	0	0	0.0	363.2	0	597
	Stikine	21	0	0	0	132	0	153	2.6	277.9	0	610
	Tuya	99	250	50	0	0	0	399	6.8	99.3	236	562
	Total	592	4,540	197	395	132	0	5,856				
7/14-7/20	Alaska I	294	2,219	186	557	0	16	3,272	50.2	578.3	2,321	4,223
Week 29	Alaska II	0	1,418	0	0	0	7	1,425	21.8	562.8	499	2,351
	Nass	189	306	19	50	0	3	566	8.7	560.6	0	1,488
	Skeena	10	648	0	85	0	4	747	11.5	499.5	0	1,569
	Tahltan	0	0	0	0	0	0	0	0.0	350.6	0	577
	Stikine	18	0	0	0	301	0	318	4.9	276.0	0	772
	Tuya	0	159	35	0	0	1	196	3.0	12.0	176	215
	Total	511	4,750	241	691	301	30	6,524				
7/21-7/27	Alaska I	273	1,331	292	683	0	11	2,590	35.7	535.7	1,709	3,471
Week 30	Alaska II	0	2,349	0	0	0	10	2,359	32.5	565.0	1,429	3,288
	Nass	175	687	39	61	0	4	966	13.3	644.8	0	2,026
	Skeena	10	899	0	104	0	4	1,017	14.0	545.6	120	1,915
	Tahltan	0	0	0	0	0	0	0	0.0	360.3	0	593
	Stikine	16	0	0	0	230	0	246	3.4	281.2	0	709
	Tuya	0	64	14	0	0	0	78	1.1	42.1	9	147
	Total	474	5,331	345	848	230	29	7,256				
7/28-8/03	Alaska I	297	1,155	334	1,217	0	11	3,015	33.4	573.5	2,071	3,958
Week 31	Alaska II	0	2,213	0	0	0	8	2,221	24.6	643.1	1,163	3,279
	Nass	190	0	48	0	0	1	239	2.7	60.8	139	339
	Skeena	11	2,923	0	145	0	12	3,090	34.2	512.9	2,247	3,934
	Tahltan	0	0	0	0	0	0	0	0.0	438.8	0	722
	Stikine	18	241	0	0	199	1	459	5.1	339.0	0	1,016
	Tuya	0	0	0	0	0	0	0	0.0	0.0	0	0
	Total	515	6,531	382	1,363	199	33	9,024				
8/04-8/10	Alaska I	104	668	105	388	0	5	1,269	38.9	246.0	865	1,674
Week 32	Alaska II	0	1,167	0	0	0	4	1,172	35.9	268.9	729	1,614
	Nass	0	0	0	0	0	0	0	0.0	0.0	0	0
	Skeena	74	232	28	46	0	1	381	11.7	123.4	178	584
	Tahltan	8	287	0	0	0	1	296	9.1	154.2	43	550
	Stikine	22	0	0	0	121	0	143	4.4	126.6	0	351
	Tuya	0	0	0	0	0	0	0	0.0	0.0	0	0
	Total	208	2,354	133	434	121	12	3,262				
8/11-8/17	Alaska I	67	1,000	67	221	0	6	1,361	49.0	220.2	999	1,723
Week 33	Alaska II	0	355	0	0	0	2	356	12.8	210.7	10	703
	Nass	0	0	0	0	0	0	0	0.0	0.0	0	0
	Skeena	47	734	18	133	0	4	936	33.7	156.3	679	1,193
	Tahltan	5	0	0	0	0	0	5	0.2	136.9	0	231
	Stikine	14	68	0	0	37	0	119	4.3	108.8	0	298
	Tuya	0	0	0	0	0	0	0	0.0	0.0	0	0
	Total	134	2,157	85	353	37	12	2,778				
8/18-9/28	Alaska I	337	2,419	142	542	0	0	3,440	39.5	608.5	2,439	4,441
Wks. 34-39	Alaska II	0	330	0	0	0	0	330	3.8	541.1	0	1,220
	Nass	0	0	0	0	0	0	0	0.0	0.0	0	0
	Skeena	238	3,537	38	325	0	0	4,138	47.5	561.9	3,213	5,062
	Tahltan	27	0	0	0	0	0	27	0.3	492.7	0	837
	Stikine	70	534	0	0	164	0	768	8.8	351.1	190	1,345
	Tuya	0	0	0	0	0	0	0	0.0	0.0	0	0
	Total	671	6,821	180	867	164	0	8,702				

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Dates	Stock Group	Catch By Age Class 1.2	1.3	2.2	2.3	0.	Other	Total	Percent [a]	Standard Error [b]	90% C.I [b] Lower	Upper
	Alaska I	1,960	14,984	1,368	4,274	0	48	22,635	45.4	1,530	20,118	25,151
	Alaska II	0	9,427	0	0	0	31	9,458	19.0	1,492	7,004	11,911
Season	Nass	875	993	114	170	0	8	2,159	4.3	1,165	243	4,076
Totals	Skeena	390	9,941	83	941	0	25	11,379	22.8	1,333	9,186	13,572
	Tahltan	41	287	0	0	0	1	329	0.7	1,010	0	1,991
	Stikine	199	843	0	0	1,328	2	2,372	4.8	769	1,107	3,637
	Tuya	292	1,002	216	0	0	1	1,511	3.0	203	1,177	1,845
	Total	3,757	37,477	1,780	5,385	1,328	116	49,843				

[a] Percents may not sum to 100.

[b] The standard errors are minimum estimates since no estimates of the variance for stocks contributing 0 fish during a given week or for the 'other' age class are available. The 90% confidence intervals are affected in a like manner.

Appendix C8.–Estimated CPUE and migratory timing of sockeye salmon stocks in the Alaska Subdistrict 106-30 drift gillnet fishery, 1997.

Stat	Days	Number	Boat	Stock Group							
Week	Open	Boats	Days	Alaska I	Alaska II	Nass	Skeena	Tahltan	Stikine	Tuya	Total
Catch per Boat Day											
25-27	7	41	287	13	3	1	2	0	1	3	22
28	3	37	111	35	6	2	5	0	1	4	53
29	2	48	96	34	15	6	8	0	3	2	68
30	2	51	102	25	23	9	10	0	2	1	71
31	3	61	183	16	12	1	17	0	3	0	49
32	4	45	180	7	7	0	2	2	1	0	18
33	4	35	140	10	3	0	7	0	1	0	20
34-39	13	162	2106	2	0	0	2	0	0	0	4
Total				143	69	19	52	2	12	9	306
Migratory Timing: Prop of Stock-specific CPUE by week											
25-27				0.093	0.045	0.033	0.037	0.000	0.047	0.314	0.073
28				0.244	0.093	0.097	0.090	0.000	0.113	0.386	0.173
29				0.239	0.216	0.308	0.150	0.000	0.272	0.219	0.222
30				0.178	0.336	0.494	0.192	0.000	0.198	0.082	0.233
31				0.116	0.176	0.068	0.325	0.000	0.205	0.000	0.161
32				0.049	0.095	0.000	0.041	0.970	0.065	0.000	0.059
33				0.068	0.037	0.000	0.129	0.023	0.070	0.000	0.065
34-39				0.011	0.002	0.000	0.038	0.008	0.030	0.000	0.014
Total				1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Appendix C9.–Estimated contributions of sockeye salmon stocks originating in Alaska and Canada to the Alaskan Sub-district 106-41 drift gillnet fishery, 1997.

		Catch By Age Class								Standard	90% C.I. [b]	
Dates	Stock Group	1.2	1.3	2.2	2.3	0.	Other	Total	Percent [a]	Error [b]	Lower	Upper
6/16-6/22	Alaska I	53	1,268	126	49	0	0	1,496	49.3	236.0	1,108	1,884
Week 25	Alaska II	0	0	0	0	0	0	0	0.0	184.0	0	303
	Nass	140	322	73	14	0	0	549	18.1	301.0	54	1,045
	Skeena	5	0	0	31	0	0	36	1.2	274.1	0	487
	Tahltan	0	321	0	46	0	0	367	12.1	195.2	46	688
	Stikine	8	0	0	0	31	0	39	1.3	99.2	0	202
	Tuya	0	405	89	55	0	0	549	18.1	55.1	458	640
	Total	206	2,316	288	196	31	0	3,037				
6/23-6/29	Alaska I	371	4,544	497	323	0	0	5,735	29.6	1,277.4	3,634	7,837
Week 26	Alaska II	0	0	0	0	0	0	0	0.0	960.6	0	1,580
	Nass	857	4,858	220	69	0	0	6,005	31.0	2,439.4	1,992	10,017
	Skeena	0	862	0	132	0	0	994	5.1	2,131.3	0	4,500
	Tahltan	0	1,816	0	365	0	0	2,181	11.3	1,336.8	0	4,380
	Stikine	0	0	0	0	273	0	273	1.4	652.4	0	1,346
	Tuya	205	2,797	614	545	0	0	4,160	21.5	358.3	3,571	4,750
	Total	1,433	14,878	1,331	1,433	273	0	19,348				
6/30-7/06	Alaska I	474	8,991	725	726	0	96	11,012	45.5	1,785.8	8,075	13,950
Week 27	Alaska II	0	0	0	0	0	0	0	0.0	1,384.3	0	2,277
	Nass	588	1,398	407	200	0	23	2,617	10.8	2,207.7	0	6,249
	Skeena	0	23	0	436	0	4	463	1.9	2,007.5	0	3,765
	Tahltan	0	4,411	0	712	0	45	5,168	21.3	1,679.7	2,405	7,931
	Stikine	116	309	0	0	70	4	499	2.1	769.6	0	1,764
	Tuya	442	2,546	558	884	0	39	4,469	18.4	399.5	3,812	5,126
	Total	1,620	17,678	1,690	2,958	70	211	24,228				
7/07-7/13	Alaska I	395	6,335	293	645	0	34	7,702	51.6	1,140.5	5,826	9,578
Week 28	Alaska II	0	0	0	0	0	0	0	0.0	904.9	0	1,488
	Nass	479	594	130	256	0	6	1,466	9.8	1,329.4	0	3,653
	Skeena	0	1,120	0	0	0	5	1,125	7.5	1,293.8	0	3,253
	Tahltan	0	914	0	184	0	5	1,102	7.4	899.1	0	2,581
	Stikine	98	685	0	0	130	3	917	6.1	573.7	0	1,861
	Tuya	462	1,636	360	154	0	12	2,623	17.6	305.0	2,122	3,125
	Total	1,435	11,284	783	1,239	130	65	14,936				
7/14-7/20	Alaska I	593	5,084	224	622	0	23	6,547	61.3	842.5	5,161	7,933
Week 29	Alaska II	0	658	0	0	0	2	660	6.2	728.3	0	1,858
	Nass	119	499	209	247	0	4	1,078	10.1	879.2	0	2,524
	Skeena	66	1,463	170	0	0	6	1,705	16.0	753.2	466	2,944
	Tahltan	0	0	0	177	0	1	178	1.7	543.3	0	1,072
	Stikine	62	0	0	0	224	0	286	2.7	346.1	0	856
	Tuya	0	62	14	148	0	1	225	2.1	44.3	152	298
	Total	840	7,767	616	1,195	224	37	10,679				
7/21-7/27	Alaska I	700	3,114	217	676	0	0	4,708	44.1	796.7	3,397	6,018
Week 30	Alaska II	0	2,328	0	0	0	0	2,328	21.8	778.3	1,047	3,608
	Nass	141	958	199	268	0	0	1,566	14.7	883.2	113	3,019
	Skeena	78	1,010	156	0	0	0	1,244	11.6	723.9	53	2,435
	Tahltan	0	0	0	193	0	0	193	1.8	505.9	0	1,025
	Stikine	73	0	0	0	305	0	379	3.5	380.0	0	1,004
	Tuya	0	90	19	161	0	0	270	2.5	60.0	171	368
	Total	992	7,499	592	1,298	305	0	10,686				
7/28-8/03	Alaska I	741	2,598	191	963	0	28	4,521	51.8	621.2	3,499	5,542
Week 31	Alaska II	0	1,320	0	0	0	8	1,328	15.2	582.7	370	2,287
	Nass	0	0	0	125	0	1	126	1.4	710.8	0	1,295
	Skeena	151	2,045	56	75	0	15	2,341	26.8	678.5	1,225	3,457
	Tahltan	0	0	0	18	0	0	18	0.2	451.9	0	761
	Stikine	25	84	0	0	282	1	392	4.5	304.3	0	893
	Tuya	0	0	0	0	0	0	0	0.0	0.0	0	0
	Total	917	6,047	247	1,181	282	53	8,726				

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		Catch By Age Class								Standard	90% C.I. [b]	
Dates	Stock Group	1.2	1.3	2.2	2.3	0.	Other	Total	Percent [a]	Error [b]	Lower	Upper
8/04-8/10	Alaska I	310	2,898	165	571	0	8	3,951	71.8	431.4	3,241	4,660
Week 32	Alaska II	0	111	0	0	0	0	111	2.0	350.4	0	688
	Nass	0	0	0	0	0	0	0	0.0	496.4	0	817
	Skeena	63	934	48	281	0	3	1,328	24.1	383.2	698	1,959
	Tahltan	0	0	0	0	0	0	0	0.0	283.2	0	466
	Stikine	10	39	0	0	64	0	114	2.1	204.5	0	450
	Tuya	0	0	0	0	0	0	0	0.0	0.0	0	0
	Total	383	3,982	213	852	64	11	5,504				
8/11-8/17	Alaska I	442	2,724	248	590	0	23	4,028	57.0	561.4	3,104	4,951
Week 33	Alaska II	0	1,173	0	0	0	7	1,179	16.7	524.9	316	2,043
	Nass	0	0	0	0	0	0	0	0.0	539.5	0	887
	Skeena	90	1,211	73	290	0	10	1,673	23.7	476.0	890	2,456
	Tahltan	0	0	0	0	0	0	0	0.0	295.9	0	487
	Stikine	15	2	0	0	173	0	190	2.7	241.8	0	588
	Tuya	0	0	0	0	0	0	0	0.0	0.0	0	0
	Total	547	5,110	320	881	173	40	7,071				
8/18-8/24	Alaska I	204	2,453	244	613	0	0	3,514	42.0	586.5	2,549	4,479
Week 34	Alaska II	0	208	0	0	0	0	208	2.5	478.4	0	995
	Nass	0	0	0	0	0	0	0	0.0	929.2	0	1,529
	Skeena	363	3,669	71	349	0	0	4,453	53.2	886.9	2,994	5,912
	Tahltan	0	0	0	0	0	0	0	0.0	548.6	0	903
	Stikine	0	136	0	0	63	0	199	2.4	242.4	0	597
	Tuya	0	0	0	0	0	0	0	0.0	0.0	0	0
	Total	568	6,466	315	962	63	0	8,374				
8/25-9/28	Alaska I	277	2,217	119	532	0	0	3,145	51.7	447.2	2,409	3,880
Wks. 35-39	Alaska II	0	459	0	0	0	0	459	7.5	379.6	0	1,083
	Nass	0	0	0	0	0	0	0	0.0	558.2	0	918
	Skeena	492	1,496	35	303	0	0	2,326	38.2	464.1	1,563	3,090
	Tahltan	0	46	0	0	0	0	46	0.8	318.0	0	569
	Stikine	0	0	0	0	110	0	110	1.8	193.2	0	428
	Tuya	0	0	0	0	0	0	0	0.0	0.0	0	0
	Total	769	4,218	154	835	110	0	6,086				
	Alaska I	4,559	42,226	3,049	6,311	0	213	56,358	47.5	2,992	51,436	61,280
	Alaska II	0	6,256	0	0	0	18	6,274	5.3	2,437	2,265	10,283
Season	Nass	2,325	8,630	1,239	1,180	0	34	13,407	11.3	4,056	6,735	20,080
Totals	Skeena	1,309	13,833	609	1,897	0	42	17,690	14.9	3,640	11,703	23,678
	Tahltan	0	7,507	0	1,694	0	51	9,252	7.8	2,604	4,969	13,536
	Stikine	408	1,255	0	0	1,726	8	3,397	2.9	1,382	1,124	5,671
	Tuya	1,109	7,536	1,653	1,947	0	51	12,296	10.4	624	11,269	13,323
	Total	9,710	87,244	6,549	13,029	1,726	417	118,675				

[a] Percents may not sum to 100.

[b] The standard errors are minimum estimates since no estimates of the variance for stocks contributing 0 fish during a given week or for the 'other' age class are available. The 90% confidence intervals are affected in a like manner.

Appendix C10.–Estimated CPUE and migratory timing of sockeye salmon stocks in the Alaska Subdistrict 106-41 drift gillnet fishery, 1997.

Stat Week	Days Open	Number Boats	Boat Days	Stock Group							
				Alaska I	Alaska II	Nass	Skeena	Tahltan	Stikine	Tuya	Total
Catch per Boat Day											
25	2	38	76	20	0	7	0	5	1	7	40
26	3	65	195	29	0	31	5	11	1	21	99
27	3	84	252	44	0	10	2	21	2	18	96
28	3	77	231	33	0	6	5	5	4	11	65
29	2	89	178	37	4	6	10	1	2	1	60
30	2	76	152	31	15	10	8	1	2	2	70
31	3	54	162	28	8	1	14	0	2	0	54
32	4	55	220	18	1	0	6	0	1	0	25
33	4	59	236	17	5	0	7	0	1	0	30
34	4	61	244	14	1	0	18	0	1	0	34
35-39	9	246	2214	1	0	0	1	0	0	0	3
Total				273	34	72	77	44	17	61	576
Migratory Timing: Prop of Stock-specific CPUE by week											
25				0.072	0.000	0.101	0.006	0.111	0.031	0.119	0.069
26				0.108	0.000	0.428	0.066	0.256	0.084	0.352	0.172
27				0.160	0.000	0.144	0.024	0.469	0.119	0.292	0.167
28				0.122	0.000	0.088	0.063	0.109	0.240	0.187	0.112
29				0.135	0.110	0.084	0.125	0.023	0.097	0.021	0.104
30				0.114	0.453	0.143	0.106	0.029	0.150	0.029	0.122
31				0.102	0.243	0.011	0.188	0.003	0.146	0.000	0.093
32				0.066	0.015	0.000	0.078	0.000	0.031	0.000	0.043
33				0.063	0.148	0.000	0.092	0.000	0.049	0.000	0.052
34				0.053	0.025	0.000	0.237	0.000	0.049	0.000	0.060
35-39				0.005	0.006	0.000	0.014	0.000	0.003	0.000	0.005
Total				1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Appendix C11.–Estimated contributions of sockeye salmon stocks originating in Alaska and Canada to the Alaskan District 108 drift gillnet fishery, 1997.

		Catch By Age Class								Standard	90% C.I. [b]	
Dates	Stock Group	1.2	1.3	2.2	2.3	0.	Other	Total	Percent [a]	Error [b]	Lower	Upper
6/09-6/22	Alaska I	0	0	14	16	0	0	30	0.4	284.4	0	498
Wks. 24-25	Alaska II	0	0	0	0	0	0	0	0.0	280.4	0	461
	Nass	6	1,752	0	31	0	0	1,789	24.4	1,118.4	0	3,628
	Skeena	55	0	0	18	0	0	73	1.0	1,034.4	0	1,775
	Tahltan	25	2,017	0	196	0	0	2,239	30.6	702.3	1,083	3,394
	Stikine	6	663	0	0	107	0	776	10.6	357.6	188	1,365
	Tuya	0	2,233	125	61	0	0	2,418	33.0	152.3	2,168	2,669
	Total	92	6,665	138	322	107	0	7,325				
6/23-6/29	Alaska I	0	0	61	0	0	0	61	0.4	600.3	0	1,048
Week 26	Alaska II	0	584	0	0	0	1	585	4.1	612.3	0	1,592
	Nass	67	3,859	25	0	0	6	3,958	27.9	2,074.1	546	7,370
	Skeena	317	0	0	0	0	1	318	2.2	1,807.1	0	3,290
	Tahltan	164	4,744	0	597	0	9	5,514	38.9	1,327.3	3,331	7,698
	Stikine	43	0	0	0	90	0	133	0.9	483.1	0	928
	Tuya	82	2,667	341	525	0	6	3,621	25.5	265.7	3,184	4,058
	Total	674	11,854	427	1,123	90	22	14,189				
6/30-7/06	Alaska I	0	601	102	0	0	3	706	2.1	1,332.1	0	2,898
Week 27	Alaska II	0	0	0	0	0	0	0	0.0	1,258.4	0	2,070
	Nass	521	1,717	0	79	0	9	2,326	6.9	3,894.7	0	8,733
	Skeena	282	0	0	0	0	1	283	0.8	3,783.7	0	6,507
	Tahltan	435	13,457	0	1,510	0	62	15,464	45.9	3,084.3	10,390	20,538
	Stikine	192	3,472	0	0	135	15	3,813	11.3	1,431.0	1,459	6,167
	Tuya	1,263	7,337	1,244	1,238	0	45	11,126	33.0	693.1	9,986	12,266
	Total	2,692	26,584	1,346	2,827	135	135	33,718				
7/07-7/13	Alaska I	287	1,915	149	145	0	16	2,512	10.5	1,096.3	708	4,315
Week 28	Alaska II	0	0	0	0	0	0	0	0.0	974.4	0	1,603
	Nass	876	1,023	84	315	0	14	2,313	9.6	2,234.0	0	5,988
	Skeena	0	0	0	31	0	0	31	0.1	2,143.9	0	3,558
	Tahltan	364	6,144	0	1,798	0	52	8,358	34.8	1,788.5	5,416	11,301
	Stikine	545	3,941	0	0	394	28	4,908	20.4	1,103.3	3,093	6,723
	Tuya	931	3,420	751	763	0	37	5,902	24.6	376.6	5,283	6,522
	Total	3,003	16,443	985	3,052	394	148	24,024				
7/14-7/20	Alaska I	41	333	6	59	0	5	443	7.4	268.3	2	884
Week 29	Alaska II	0	0	0	0	0	0	0	0.0	310.4	0	511
	Nass	131	0	36	0	0	2	169	2.8	468.0	0	939
	Skeena	145	0	73	0	0	2	221	3.7	420.1	0	912
	Tahltan	140	852	0	211	0	13	1,215	20.3	411.2	538	1,891
	Stikine	104	2,923	0	0	197	32	3,255	54.3	388.9	2,615	3,895
	Tuya	0	372	81	230	0	7	691	11.5	106.8	515	866
	Total	560	4,480	197	499	197	61	5,993				
7/21-7/27	Alaska I	34	132	0	23	0	1	191	8.1	107.4	14	367
Week 30	Alaska II	0	0	0	0	0	0	0	0.0	123.3	0	203
	Nass	31	0	20	0	0	0	51	2.2	185.4	0	356
	Skeena	0	0	46	0	0	0	46	2.0	165.8	0	319
	Tahltan	10	339	0	69	0	2	419	17.9	162.7	151	687
	Stikine	118	1,161	0	0	103	5	1,387	59.2	155.5	1,132	1,643
	Tuya	12	148	29	62	0	1	251	10.7	31.5	199	303
	Total	205	1,780	94	154	103	9	2,345				
7/28-8/03	Alaska I	82	230	0	46	0	0	358	9.1	187.0	50	665
Week 31	Alaska II	0	0	0	0	0	0	0	0.0	213.8	0	352
	Nass	0	0	0	0	0	0	0	0.0	319.5	0	526
	Skeena	34	0	25	33	0	0	92	2.3	285.6	0	561
	Tahltan	68	587	0	78	0	0	734	18.7	281.8	270	1,197
	Stikine	198	2,013	0	0	138	0	2,350	59.8	268.6	1,908	2,792
	Tuya	33	256	44	64	0	0	397	10.1	82.2	262	532
	Total	415	3,086	69	221	138	0	3,930				

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Dates	Stock Group	Catch By Age Class 1.2	1.3	2.2	2.3	0.	Other	Total	Percent [a]	Standard Error [b]	90% C.I. [b] Lower	Upper
8/04-9/06	Alaska I	13	90	0	28	0	0	130	8.6	72.0	12	249
Wks. 32-36	Alaska II	0	0	0	0	0	0	0	0.0	83.5	0	137
	Nass	0	0	0	0	0	0	0	0.0	124.7	0	205
	Skeena	6	0	6	20	0	0	31	2.1	111.4	0	214
	Tahltan	11	229	0	49	0	0	289	19.1	109.8	109	470
	Stikine	37	786	0	0	115	0	938	61.9	106.2	763	1,112
	Tuya	2	100	6	19	0	0	126	8.3	25.9	84	169
	Total	69	1,205	11	115	115	0	1,515				
	Alaska I	456	3,301	332	317	0	24	4,430	4.8	1,882	1,334	7,525
	Alaska II	0	584	0	0	0	1	585	0.6	1,775	0	3,505
Season	Nass	1,633	8,350	165	425	0	32	10,605	11.4	5,107	2,203	19,006
Totals	Skeena	839	0	150	102	0	4	1,094	1.2	4,852	0	9,076
	Tahltan	1,217	28,369	0	4,508	0	137	34,232	36.8	3,906	27,807	40,657
	Stikine	1,243	14,960	0	0	1,278	80	17,561	18.9	1,971	14,318	20,803
	Tuya	2,322	16,533	2,620	2,962	0	95	24,533	26.4	858	23,122	25,944
	Total	7,710	72,096	3,267	8,314	1,278	374	93,039				

[a] Percents may not sum to 100.

[b] The standard errors are minimum estimates since no estimates of the variance for stocks contributing 0 fish during a given week or for the 'other' age class are available. The 90% confidence intervals are affected in a like manner.

Appendix C12.–Estimated CPUE and migratory timing of sockeye salmon stocks in the Alaska District 108 drift gillnet fishery, 1997.

Stat	Days	Number	Boat	Stock Group							
Week	Open	Boats	Days	Alaska I	Alaska II	Nass	Skeena	Tahltan	Stikine	Tuya	Total
Catch per Boat Day											
24-25	5	78	163	0	0	11	0	14	5	15	45
26	5	90	297	0	2	13	1	19	0	12	48
27	5.5	125	376	2	0	6	1	41	10	30	90
28	5.5	136	448	6	0	5	0	19	11	13	54
29	2	46	92	5	0	2	2	13	35	8	65
30	2	24	48	4	0	1	1	9	29	5	49
31	3	33	99	4	0	0	1	7	24	4	40
32-36	16	50	176	1	0	0	0	2	5	1	9
Total				21	2	39	7	123	120	87	398
Migratory Timing: Prop of Stock-specific CPUE by week.											
24-25				0.009	0.000	0.285	0.066	0.112	0.040	0.170	0.113
26				0.010	1.000	0.346	0.157	0.151	0.004	0.140	0.120
27				0.089	0.000	0.160	0.111	0.334	0.085	0.339	0.225
28				0.267	0.000	0.134	0.010	0.152	0.092	0.151	0.135
29				0.229	0.000	0.048	0.353	0.107	0.296	0.086	0.164
30				0.189	0.000	0.028	0.140	0.071	0.242	0.060	0.123
31				0.172	0.000	0.000	0.136	0.060	0.198	0.046	0.100
32-36				0.035	0.000	0.000	0.026	0.013	0.045	0.008	0.022
Total				1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Appendix C13.–Estimated contributions of sockeye salmon stocks originating in Alaska and Canada to the Alaskan Sub-district 106-30 drift gillnet fishery, 1998.

		Catch By Age Class								Standard	90% C.I. [b]	
Dates	Stock Group	1.2	1.3	2.2	2.3	0.	Other	Total	Percent [a]	Error [b]	Lower	Upper
6/21-7/04	Alaska I	293	344	273	89	0	0	1,000	53.3	139.2	771	1,229
Wks 26-27	Alaska II	0	0	0	0	0	0	0	0.0	53.3	0	88
	Nass	51	59	84	21	0	0	216	11.5	128.5	5	428
	Skeena	0	40	0	0	0	0	40	2.2	158.6	0	301
	Tahltan	1	91	0	9	0	0	101	5.4	104.6	0	273
	Stikine	0	5	0	0	0	0	5	0.3	55.0	0	96
	Tuya	14	437	42	20	0	0	512	27.3	143.3	277	748
	Total	359	977	399	140	0	0	1,875				
7/05-7/11	Alaska I	307	486	304	142	0	8	1,247	58.6	117.7	1,053	1,440
Week 28	Alaska II	0	224	0	0	0	1	226	10.6	70.2	110	341
	Nass	54	38	94	34	0	1	221	10.4	87.3	78	365
	Skeena	0	220	0	0	0	1	221	10.4	109.5	41	401
	Tahltan	1	0	0	15	0	0	16	0.7	67.0	0	126
	Stikine	0	0	0	0	9	0	9	0.4	48.5	0	89
	Tuya	14	96	47	32	0	1	190	8.9	68.4	78	303
	Total	375	1,065	445	222	9	13	2,129				
7/12-7/18	Alaska I	473	1,279	546	507	0	67	2,872	55.7	327.0	2,334	3,410
Week 29	Alaska II	0	829	0	0	0	20	849	16.5	214.2	496	1,201
	Nass	28	29	145	31	0	6	238	4.6	226.6	0	611
	Skeena	0	969	0	0	0	23	992	19.2	337.3	437	1,547
	Tahltan	48	0	0	39	0	2	89	1.7	177.5	0	381
	Stikine	0	0	0	0	22	0	22	0.4	141.6	0	255
	Tuya	0	0	77	16	0	2	96	1.9	149.3	0	341
	Total	549	3,105	768	593	22	121	5,157				
7/19-7/25	Alaska I	445	2,033	602	484	0	90	3,654	59.0	443.2	2,925	4,384
Week 30	Alaska II	0	1,008	0	0	0	25	1,033	16.7	285.4	564	1,502
	Nass	26	0	142	29	0	5	203	3.3	278.4	0	661
	Skeena	0	1,018	0	0	0	26	1,043	16.8	412.6	364	1,722
	Tahltan	45	0	0	37	0	2	84	1.4	234.7	0	470
	Stikine	0	0	0	0	50	0	50	0.8	194.8	0	371
	Tuya	0	70	36	16	0	3	125	2.0	189.6	0	437
	Total	516	4,129	780	566	50	151	6,193				
7/26-8/01	Alaska I	361	1,186	525	599	0	0	2,671	39.0	466.2	1,904	3,438
Week 31	Alaska II	0	2,518	0	0	0	0	2,518	36.7	379.9	1,893	3,142
	Nass	23	0	190	52	0	0	264	3.9	304.2	0	764
	Skeena	0	961	0	0	0	0	961	14.0	462.2	200	1,721
	Tahltan	25	0	0	7	0	0	32	0.5	237.4	0	422
	Stikine	0	0	0	0	15	0	15	0.2	225.5	0	386
	Tuya	1	364	30	0	0	0	395	5.8	270.2	0	839
	Total	409	5,028	745	658	15	0	6,855				
8/02-8/08	Alaska I	323	1,172	507	550	0	41	2,594	38.3	419.0	1,905	3,283
Week 32	Alaska II	0	1,415	0	0	0	23	1,437	21.2	304.5	936	1,938
	Nass	20	0	649	47	0	12	729	10.8	340.6	169	1,289
	Skeena	0	1,868	0	0	0	30	1,898	28.0	532.6	1,022	2,775
	Tahltan	22	0	0	6	0	0	29	0.4	234.5	0	415
	Stikine	0	0	0	0	11	0	11	0.2	189.4	0	322
	Tuya	1	0	73	0	0	1	75	1.1	238.7	0	468
	Total	367	4,455	1,230	604	11	108	6,774				
8/09-8/15	Alaska I	145	606	190	267	0	3	1,211	46.0	188.0	902	1,520
Week 33	Alaska II	0	832	0	0	0	2	834	31.7	143.6	598	1,070
	Nass	8	79	107	0	0	0	195	7.4	128.7	0	406
	Skeena	0	326	0	0	0	1	327	12.4	174.2	40	614
	Tahltan	0	0	0	0	0	0	0	0.0	92.4	0	152
	Stikine	0	0	0	0	0	0	0	0.0	87.5	0	144
	Tuya	0	61	5	0	0	0	66	2.5	86.7	0	209
	Total	154	1,905	301	267	0	7	2,633				

-continued-

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Dates	Stock Group	Catch By Age Class						Total	Percent [a]	Standard Error [b]	90% C.I. [b]	
		1.2	1.3	2.2	2.3	0.	Other				Lower	Upper
8/16-10/10	Alaska I	180	380	292	350	0	7	1,208	43.7	178.0	915	1,501
Wks 34-41	Alaska II	0	964	0	0	0	5	970	35.0	136.1	746	1,193
	Nass	10	0	164	0	0	1	176	6.3	119.6	0	372
	Skeena	0	389	0	0	0	2	391	14.1	159.3	129	653
	Tahltan	0	0	0	0	0	0	0	0.0	95.5	0	157
	Stikine	0	0	0	0	15	0	15	0.5	79.7	0	146
	Tuya	0	0	7	0	0	0	7	0.3	71.0	0	124
	Total	190	1,733	464	350	15	15	2,767				
	Alaska I	2,526	7,486	3,239	2,989	0	216	16,457	47.9	893	14,989	17,925
	Alaska II	0	7,789	0	0	0	77	7,866	22.9	641	6,811	8,921
Season	Nass	221	205	1,575	214	0	25	2,241	6.5	626	1,211	3,272
Totals	Skeena	0	5,791	0	0	0	84	5,874	17.1	935	4,336	7,412
	Tahltan	142	91	0	113	0	5	350	1.0	481	0	1,141
	Stikine	0	5	0	0	122	0	127	0.4	405	0	794
	Tuya	30	1,028	317	83	0	8	1,467	4.3	475	685	2,249
	Total	2,919	22,396	5,132	3,400	122	415	34,383				

[a] Percents may not sum to 100.

[b] The standard errors are minimum estimates since no estimates of the variance for stocks contributing 0 fish during a given week or for the 'other' age class are available. The 90% confidence intervals are affected in a like manner.

Appendix C14.–Estimated CPUE and migratory timing of sockeye salmon stocks in the Alaska Subdistrict 106-30 drift gillnet fishery, 1998.

Stat	Days	Number	Boat	Stock Group							
Week	Open	Boats	Days	Alaska I	Alaska II	Nass	Skeena	Tahltan	Stikine	Tuya	Total
Catch per Boat Day											
26-27	5	26	130	8	0	2	0	1	0	4	14
28	2	17	34	37	7	7	7	0	0	6	63
29	2	43	86	33	10	3	12	1	0	1	60
30	2	54	108	34	10	2	10	1	0	1	57
31	3	55	165	16	15	2	6	0	0	2	42
32	3	62	186	14	8	4	10	0	0	0	36
33	3	52	156	8	5	1	2	0	0	0	17
34-41	23	228	5244	0	0	0	0	0	0	0	1
Total				150	55	20	46	3	1	15	290
Migratory Timing: Prop of Stock-specific CPUE by week											
26-27				0.051	0.000	0.085	0.007	0.229	0.036	0.262	0.050
28				0.245	0.122	0.332	0.141	0.134	0.219	0.372	0.216
29				0.223	0.181	0.141	0.250	0.304	0.218	0.074	0.207
30				0.226	0.175	0.096	0.209	0.229	0.399	0.077	0.198
31				0.108	0.279	0.082	0.126	0.057	0.076	0.159	0.143
32				0.093	0.142	0.200	0.221	0.046	0.050	0.027	0.126
33				0.052	0.098	0.064	0.045	0.000	0.000	0.028	0.058
34-41				0.002	0.003	0.002	0.002	0.000	0.002	0.000	0.002
Total				1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Appendix C15.–Estimated contributions of sockeye salmon stocks originating in Alaska and Canada to the Alaskan Sub-district 106-41 drift gillnet fishery, 1998.

		Catch By Age Class								Standard	90% C.I. [b]	
Dates	Stock Group	1.2	1.3	2.2	2.3	0.	Other	Total	Percent [a]	Error [b]	Lower	Upper
6/21-6/27	Alaska I	365	790	167	148	0	42	1,511	22.7	231.6	1,131	1,892
Week 26	Alaska II	0	20	0	0	0	1	20	0.3	88.1	0	165
	Nass	145	459	227	63	0	25	919	13.8	312.5	405	1,433
	Skeena	0	637	0	0	0	18	655	9.8	340.2	95	1,215
	Tahltan	28	75	13	55	0	5	175	2.6	228.3	0	551
	Stikine	0	0	0	0	0	0	0	0.0	161.1	0	265
	Tuya	105	1,808	799	573	0	93	3,378	50.7	227.0	3,005	3,752
	Total	642	3,788	1,206	839	0	184	6,659				
6/28-7/04	Alaska I	286	1,077	106	101	0	33	1,602	25.1	241.3	1,206	1,999
Week 27	Alaska II	0	70	0	0	0	1	71	1.1	95.9	0	229
	Nass	113	794	230	43	0	24	1,205	18.9	332.0	659	1,751
	Skeena	0	744	0	0	0	15	759	11.9	369.7	151	1,367
	Tahltan	22	734	0	38	0	16	809	12.7	240.9	413	1,206
	Stikine	0	15	0	0	79	0	94	1.5	177.5	0	386
	Tuya	82	686	650	390	0	37	1,845	28.9	233.8	1,461	2,230
	Total	503	4,119	985	572	79	128	6,386				
7/05-7/11	Alaska I	1,087	1,743	839	816	0	53	4,538	34.4	723.3	3,348	5,728
Week 28	Alaska II	0	1,215	0	0	0	14	1,229	9.3	408.3	557	1,901
	Nass	187	1,630	520	115	0	29	2,481	18.8	801.6	1,162	3,800
	Skeena	0	3,772	0	0	0	45	3,817	28.9	790.9	2,516	5,118
	Tahltan	42	0	0	14	0	1	57	0.4	527.6	0	925
	Stikine	0	0	0	0	77	0	77	0.6	420.2	0	768
	Tuya	48	182	494	265	0	12	999	7.6	540.0	111	1,888
	Total	1,364	8,542	1,852	1,209	77	154	13,199				
7/12-7/18	Alaska I	894	2,552	607	336	0	26	4,416	41.7	722.8	3,227	5,605
Week 29	Alaska II	0	2,228	0	0	0	13	2,241	21.2	465.8	1,475	3,008
	Nass	154	110	326	47	0	4	641	6.1	522.5	0	1,501
	Skeena	0	2,433	0	0	0	15	2,448	23.1	598.3	1,463	3,432
	Tahltan	35	0	33	6	0	0	74	0.7	429.6	0	781
	Stikine	0	0	0	0	125	0	125	1.2	391.1	0	768
	Tuya	39	263	218	109	0	4	633	6.0	334.4	83	1,183
	Total	1,122	7,585	1,185	499	125	62	10,578				
7/19-7/25	Alaska I	813	3,904	609	497	0	46	5,869	57.6	591.9	4,895	6,843
Week 30	Alaska II	0	2,239	0	0	0	18	2,256	22.1	480.0	1,467	3,046
	Nass	83	0	349	70	0	4	506	5.0	505.1	0	1,337
	Skeena	0	1,053	0	0	0	8	1,061	10.4	632.3	21	2,101
	Tahltan	62	0	0	9	0	1	71	0.7	362.5	0	667
	Stikine	0	16	0	0	60	0	76	0.7	360.5	0	669
	Tuya	38	92	56	161	0	3	350	3.4	219.9	0	712
	Total	995	7,303	1,015	736	60	80	10,189				
7/26-8/01	Alaska I	406	2,911	796	1,036	0	80	5,229	42.0	708.1	4,064	6,394
Week 31	Alaska II	0	2,778	0	0	0	43	2,821	22.7	563.7	1,894	3,748
	Nass	41	978	823	336	0	34	2,213	17.8	610.4	1,209	3,217
	Skeena	0	1,821	0	0	0	28	1,849	14.9	742.2	628	3,070
	Tahltan	31	0	0	0	0	0	31	0.3	427.6	0	735
	Stikine	0	0	0	0	118	0	118	1.0	423.9	0	816
	Tuya	19	73	83	0	0	3	177	1.4	255.2	0	597
	Total	497	8,561	1,703	1,372	118	189	12,439				
8/02-8/08	Alaska I	167	2,072	589	1,027	0	46	3,901	44.9	509.2	3,063	4,739
Week 32	Alaska II	0	1,128	0	0	0	14	1,142	13.2	350.8	565	1,719
	Nass	17	239	773	322	0	16	1,367	15.7	496.3	551	2,183
	Skeena	0	2,111	0	0	0	25	2,136	24.6	454.1	1,389	2,883
	Tahltan	13	0	0	65	0	1	78	0.9	303.3	0	577
	Stikine	0	0	0	0	51	0	51	0.6	266.7	0	490
	Tuya	8	0	0	0	0	0	8	0.1	188.5	0	318
	Total	204	5,550	1,362	1,413	51	102	8,683				

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Dates	Stock Group	Catch By Age Class 1.2	1.3	2.2	2.3	0.	Other	Total	Percent [a]	Standard Error [b]	90% C.I. [b] Lower	Upper
8/09-8/15	Alaska I	190	1,006	216	782	0	25	2,219	42.3	297.7	1,730	2,709
Week 33	Alaska II	0	970	0	0	0	11	981	18.7	205.6	643	1,319
	Nass	96	279	372	236	0	11	994	18.9	295.2	509	1,480
	Skeena	0	1,015	0	0	0	12	1,027	19.6	252.2	612	1,442
	Tahltan	6	0	0	0	0	0	6	0.1	173.8	0	292
	Stikine	0	0	0	0	20	0	20	0.4	154.3	0	273
	Tuya	1	0	0	0	0	0	1	0.0	112.1	0	185
	Total	294	3,271	588	1,018	20	59	5,249				
8/16-10/10	Alaska I	240	633	178	847	0	15	1,913	33.7	287.9	1,439	2,386
Wks 34-41	Alaska II	0	1,198	0	0	0	10	1,208	21.3	223.4	840	1,575
	Nass	122	340	515	256	0	10	1,242	21.9	313.6	727	1,758
	Skeena	0	1,155	0	0	0	9	1,164	20.5	302.9	666	1,662
	Tahltan	8	0	0	0	0	0	8	0.1	179.4	0	303
	Stikine	0	0	0	0	11	0	11	0.2	155.4	0	267
	Tuya	1	105	16	0	0	1	124	2.2	120.5	0	322
	Total	371	3,431	709	1,103	11	45	5,670				
	Alaska I	4,447	16,689	4,107	5,590	0	367	31,199	39.5	1,562	28,629	33,768
	Alaska II	0	11,845	0	0	0	125	11,970	15.1	1,079	10,195	13,745
Season	Nass	958	4,829	4,136	1,487	0	158	11,569	14.6	1,477	9,138	13,999
Totals	Skeena	0	14,741	0	0	0	176	14,916	18.9	1,596	12,290	17,542
	Tahltan	246	809	46	186	0	24	1,311	1.7	1,021	0	2,990
	Stikine	0	30	0	0	541	0	571	0.7	903	0	2,057
	Tuya	341	3,209	2,316	1,498	0	153	7,516	9.5	828	6,154	8,878
	Total	5,992	52,152	10,604	8,761	541	1,003	79,052				

[a] Percents may not sum to 100.

[b] The standard errors are minimum estimates since no estimates of the variance for stocks contributing 0 fish during a given week or for the 'other' age class are available. The 90% confidence intervals are affected in a like manner.

Appendix C16.–Estimated CPUE and migratory timing of sockeye salmon stocks in the Alaska Subdistrict 106-41 drift gillnet fishery, 1998.

Stat Week	Days Open	Number Boats	Boat Days	Stock Group							
				Alaska I	Alaska II	Nass	Skeena	Tahltan	Stikine	Tuya	Total
Catch per Boat Day											
26	3	54	162	9	0	6	4	1	0	21	41
27	2	67	134	12	1	9	6	6	1	14	48
28	2	83	166	27	7	15	23	0	0	6	80
29	2	89	178	25	13	4	14	0	1	4	59
30	2	81	162	36	14	3	7	0	0	2	63
31	3	70	210	25	13	11	9	0	1	1	59
32	3	72	216	18	5	6	10	0	0	0	40
33	3	78	234	9	4	4	4	0	0	0	22
34-41	23	496	11,408	0	0	0	0	0	0	0	0
Total				162	58	58	76	9	3	47	413
Migratory Timing: Prop of Stock-specific CPUE by week											
26				0.057	0.002	0.099	0.053	0.122	0.000	0.441	0.100
27				0.074	0.009	0.156	0.074	0.682	0.218	0.291	0.115
28				0.168	0.129	0.260	0.302	0.039	0.145	0.127	0.193
29				0.153	0.219	0.063	0.180	0.047	0.218	0.075	0.144
30				0.223	0.242	0.054	0.086	0.049	0.145	0.046	0.152
31				0.153	0.233	0.183	0.116	0.017	0.175	0.018	0.143
32				0.111	0.092	0.110	0.130	0.041	0.074	0.001	0.097
33				0.058	0.073	0.074	0.058	0.003	0.026	0.000	0.054
34-41				0.001	0.002	0.002	0.001	0.000	0.000	0.000	0.001
Total				1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Appendix C17.–Estimated contributions of sockeye salmon stocks originating in Alaska and Canada to the Alaskan District 108 drift gillnet fishery, 1998.

		Catch By Age Class								Standard	90% C.I. [b]	
Dates	Stock Group	1.2	1.3	2.2	2.3	0.	Other	Total	Percent [a]	Error [b]	Lower	Upper
6/21-6/27	Alaska I	45	55	3	27	0	3	132	5.9	93.6	0	286
Week 26	Alaska II	0	22	0	0	0	1	22	1.0	42.8	0	93
	Nass	6	191	0	6	0	5	208	9.4	144.3	0	446
	Skeena	0	25	0	0	0	1	26	1.2	191.2	0	340
	Tahltan	84	547	50	26	0	18	725	32.6	138.0	498	952
	Stikine	0	265	0	0	17	7	288	12.9	84.6	149	427
	Tuya	42	586	90	85	0	21	823	37.0	166.3	549	1,097
	Total	176	1,690	143	143	17	55	2,224				
6/28-7/04	Alaska I	143	45	7	71	0	7	272	5.7	165.2	0	544
Week 27	Alaska II	0	65	0	0	0	2	67	1.4	79.5	0	197
	Nass	18	0	0	16	0	1	35	0.7	239.6	0	429
	Skeena	0	0	0	0	0	0	0	0.0	362.3	0	596
	Tahltan	268	1,203	136	68	0	42	1,717	36.0	288.0	1,243	2,191
	Stikine	0	338	0	0	57	8	403	8.5	139.5	174	633
	Tuya	132	1,616	246	224	0	55	2,274	47.7	373.3	1,660	2,888
	Total	562	3,267	390	378	57	115	4,768				
7/05-7/11	Alaska I	272	249	168	100	0	18	808	14.5	241.1	411	1,204
Week 28	Alaska II	0	0	0	0	0	0	0	0.0	100.5	0	165
	Nass	0	615	18	52	0	16	702	12.6	362.2	106	1,297
	Skeena	0	485	0	0	0	11	496	8.9	461.3	0	1,255
	Tahltan	293	348	51	36	0	17	744	13.4	244.2	343	1,146
	Stikine	0	970	0	0	67	22	1,059	19.0	230.4	680	1,438
	Tuya	109	1,132	291	183	0	39	1,755	31.5	340.0	1,195	2,314
	Total	674	3,799	528	371	67	124	5,563				
7/12-7/18	Alaska I	79	113	18	11	0	2	223	12.2	106.5	48	398
Week 29	Alaska II	0	0	0	0	0	0	0	0.0	50.2	0	83
	Nass	0	91	21	5	0	1	118	6.5	90.7	0	267
	Skeena	0	0	0	0	0	0	0	0.0	127.0	0	209
	Tahltan	85	395	0	4	0	5	489	26.9	108.1	311	667
	Stikine	0	808	0	0	26	9	843	46.3	109.6	662	1,023
	Tuya	32	82	13	19	0	2	147	8.1	73.7	26	269
	Total	195	1,489	52	39	26	19	1,820				
7/19-7/25	Alaska I	144	496	21	16	0	3	680	26.5	189.7	367	992
Week 30	Alaska II	0	52	0	0	0	0	52	2.0	95.4	0	209
	Nass	6	72	23	8	0	0	109	4.3	146.4	0	350
	Skeena	0	381	0	0	0	2	383	14.9	216.3	27	739
	Tahltan	39	31	0	6	0	0	76	3.0	109.7	0	256
	Stikine	0	1,040	0	0	32	4	1,076	42.0	162.6	809	1,344
	Tuya	30	114	15	29	0	1	188	7.3	113.1	2	374
	Total	218	2,186	59	59	32	11	2,564				
7/26-8/01	Alaska I	105	4	29	14	0	2	154	4.7	183.3	0	455
Week 31	Alaska II	0	0	0	0	0	0	0	0.0	105.4	0	173
	Nass	4	60	34	7	0	1	105	3.2	129.4	0	318
	Skeena	0	45	0	0	0	0	45	1.4	201.7	0	377
	Tahltan	28	200	0	5	0	2	236	7.1	138.6	8	464
	Stikine	0	2,575	0	0	59	27	2,661	80.4	208.8	2,317	3,004
	Tuya	22	38	21	25	0	1	106	3.2	90.5	0	255
	Total	159	2,923	84	50	59	33	3,308				

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Dates	Stock Group	Catch By Age Class								Standard	90% C.I. [b]	
		1.2	1.3	2.2	2.3	0.	Other	Total	Percent [a]	Error [b]	Lower	Upper
8/02-10/10	Alaska I	50	12	41	23	0	2	128	7.2	92.4	0	280
Wks 32-41	Alaska II	0	1	0	0	0	0	1	0.0	50.2	0	83
	Nass	2	86	47	12	0	2	149	8.4	78.6	20	278
	Skeena	0	0	0	0	0	0	0	0.0	104.3	0	172
	Tahltan	13	161	0	8	0	3	185	10.4	77.4	58	313
	Stikine	0	1,156	0	0	59	17	1,231	69.0	108.4	1,053	1,410
	Tuya	10	8	29	41	0	1	90	5.0	47.6	12	168
	Total	75	1,424	117	84	59	25	1,784				
	Alaska I	837	975	287	260	0	37	2,396	10.9	428	1,691	3,101
	Alaska II	0	140	0	0	0	2	142	0.6	209	0	485
Season	Nass	36	1,115	143	106	0	27	1,427	6.5	512	585	2,269
Totals	Skeena	0	936	0	0	0	14	950	4.3	704	0	2,107
	Tahltan	811	2,886	237	152	0	87	4,172	18.9	459	3,418	4,927
	Stikine	0	7,150	0	0	316	95	7,561	34.3	417	6,876	8,247
	Tuya	376	3,575	706	605	0	120	5,383	24.4	558	4,465	6,300
	Total	2,060	16,777	1,373	1,124	316	382	22,031				

[a] Percents may not sum to 100.

[b] The standard errors are minimum estimates since no estimates of the variance for stocks contributing 0 fish during a given week or for the 'other' age class are available. The 90% confidence intervals are affected in a like manner.

Appendix C18.–Estimated CPUE and migratory timing of sockeye salmon stocks in the Alaska District 108 drift gillnet fishery, 1998.

Stat	Days	Number	Boat	Stock Group							
Week	Open	Boats	Days	Alaska I	Alaska II	Nass	Skeena	Tahltan	Stikine	Tuya	Total
Catch per Boat Day											
26	3	20	60	2	0	3	0	12	5	14	37
27	2	42	84	3	1	0	0	20	5	27	57
28	4	76	178	5	0	4	3	4	6	10	31
29	2	20	40	6	0	3	0	12	21	4	46
30	2	19	38	18	1	3	10	2	28	5	68
31	3	39	117	1	0	1	0	2	23	1	28
32-41	29	139	430	0	0	0	0	0	3	0	4
Total				35	3	15	14	53	91	60	271
Migratory Timing: Prop of Stock-specific CPUE by week.											
26				0.063	0.146	0.233	0.031	0.226	0.053	0.227	0.137
27				0.092	0.311	0.028	0.000	0.383	0.053	0.448	0.210
28				0.129	0.000	0.264	0.204	0.078	0.066	0.163	0.116
29				0.159	0.000	0.198	0.000	0.229	0.233	0.061	0.168
30				0.510	0.542	0.193	0.737	0.037	0.313	0.082	0.249
31				0.038	0.000	0.060	0.028	0.038	0.251	0.015	0.105
32-41				0.008	0.001	0.023	0.000	0.008	0.032	0.003	0.015
Total				1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Appendix C19.–Estimated contributions of sockeye salmon stocks originating in Alaska and Canada to the Alaskan District 108 test drift gillnet fishery, 1998.

		Catch By Age Class								Standard	90% C.I. [b]	
Dates&Mesh	Stock Group	1.2	1.3	2.2	2.3	0.	Other	Total	Percent [a]	Error [b]	Lower	Upper
25 4.875	Alaska I	1	3	0	4	0	0	8	5.8	5.3	0	17
6/14-6/20	Alaska II	0	1	0	0	0	0	1	0.8	2.3	0	5
	Nass	0	10	0	1	0	0	11	8.0	8.0	0	24
	Skeena	0	1	0	0	0	0	1	0.9	10.4	0	18
	Tahltan	2	28	1	6	0	1	38	27.5	8.0	25	51
	Stikine	0	13	0	0	3	0	16	11.9	4.9	8	24
	Tuya	0	36	12	13	0	1	62	45.0	10.5	44	79
	Total	4	92	13	23	3	3	137				
25 5.25	Alaska I	3	4	0	10	0	1	17	6.5	10.3	0	34
6/14-6/20	Alaska II	0	1	0	0	0	0	2	0.6	4.4	0	9
	Nass	0	13	0	2	0	1	16	6.3	15.4	0	42
	Skeena	0	2	0	0	0	0	2	0.7	19.7	0	34
	Tahltan	5	40	2	11	0	3	61	23.3	14.8	37	85
	Stikine	0	18	0	0	1	1	20	7.8	8.7	6	35
	Tuya	1	96	10	36	0	0	143	54.8	17.6	114	172
	Total	9	174	12	59	1	5	261				
25 5.625	Alaska I	0	6	0	1	0	0	8	2.7	11.7	0	27
6/14-6/20	Alaska II	0	2	0	0	0	0	2	0.8	5.2	0	11
	Nass	0	21	0	0	0	0	21	7.5	17.9	0	50
	Skeena	0	3	0	0	0	0	3	1.0	23.3	0	41
	Tahltan	1	64	2	6	0	2	75	26.9	17.2	46	103
	Stikine	0	28	0	0	1	0	30	10.7	10.3	13	47
	Tuya	0	82	14	44	0	0	140	50.4	20.6	106	174
	Total	1	206	16	51	1	2	278				
26 4.875	Alaska I	7	5	0	1	0	0	13	4.6	11.0	0	32
6/21-6/27	Alaska II	0	2	0	0	0	0	2	0.7	4.9	0	10
	Nass	1	19	0	0	0	0	20	7.0	16.6	0	48
	Skeena	0	3	0	0	0	0	3	0.9	21.9	0	39
	Tahltan	12	59	4	3	0	0	79	26.9	18.5	48	109
	Stikine	0	27	0	0	2	0	29	10.0	9.8	13	45
	Tuya	2	79	49	14	0	2	146	49.9	30.6	95	196
	Total	22	194	53	19	2	2	292				
26 5.25	Alaska I	4	7	1	11	0	0	22	6.8	11.9	2	41
6/21-6/27	Alaska II	0	3	0	0	0	0	3	0.8	5.2	0	11
	Nass	0	23	0	2	0	0	26	8.1	17.9	0	55
	Skeena	0	3	0	0	0	0	3	0.9	23.3	0	41
	Tahltan	9	66	12	12	0	0	99	31.0	18.4	69	129
	Stikine	0	32	0	0	2	0	34	10.5	10.4	17	51
	Tuya	10	74	27	23	0	0	133	41.8	26.8	89	178
	Total	23	206	40	48	2	0	319				
26 5.625	Alaska I	3	7	0	4	0	0	14	4.6	12.6	0	35
6/21-6/27	Alaska II	0	3	0	0	0	0	3	0.9	5.8	0	12
	Nass	0	23	0	1	0	0	25	8.1	19.5	0	57
	Skeena	0	3	0	0	0	0	3	1.0	25.8	0	46
	Tahltan	6	70	4	4	0	1	84	27.5	19.0	53	116
	Stikine	0	32	0	0	3	0	35	11.4	11.5	16	54
	Tuya	0	90	24	17	0	12	143	46.6	24.6	103	183
	Total	10	228	28	26	3	13	307				
27 4.875	Alaska I	16	5	0	14	0	0	35	7.2	15.1	10	60
6/28-7/04	Alaska II	0	7	0	0	0	0	7	1.6	6.8	0	19
	Nass	2	0	0	3	0	0	5	1.1	20.9	0	39
	Skeena	0	0	0	0	0	0	0	0.0	31.1	0	51
	Tahltan	35	144	2	13	0	0	194	40.2	29.3	146	242
	Stikine	0	39	0	0	5	0	44	9.2	12.0	24	64
	Tuya	9	84	84	19	0	0	196	40.8	49.5	115	278
	Total	61	280	86	50	5	0	482				

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Dates&Mesh	Stock Group	Catch By Age Class								Standard	90% C.I. [b]	
		1.2	1.3	2.2	2.3	0.	Other	Total	Percent [a]	Error [b]	Lower	Upper
27 5.25	Alaska I	6	15	0	18	0	0	39	4.0	36.1	0	98
6/28-7/04	Alaska II	0	21	0	0	0	0	21	2.2	17.9	0	51
	Nass	1	0	0	4	0	0	5	0.5	53.5	0	93
	Skeena	0	0	0	0	0	0	0	0.0	81.8	0	134
	Tahltan	11	394	5	17	0	0	428	44.3	64.6	321	534
	Stikine	0	111	0	0	5	0	115	11.9	31.1	64	166
	Tuya	6	196	93	37	0	26	359	37.1	86.2	217	501
	Total	24	737	98	76	5	27	966				
27 5.625	Alaska I	7	5	0	7	0	0	20	4.3	17.2	0	48
6/28-7/04	Alaska II	0	8	0	0	0	0	8	1.6	8.5	0	22
	Nass	1	0	0	2	0	0	3	0.6	25.3	0	44
	Skeena	0	0	0	0	0	0	0	0.0	38.6	0	63
	Tahltan	14	146	10	7	0	4	180	38.4	30.1	130	229
	Stikine	0	39	0	0	2	1	42	9.0	14.7	18	66
	Tuya	9	150	25	24	0	8	216	46.1	38.2	153	279
	Total	30	348	35	39	2	13	468				
	Alaska I	47	56	2	69	0	2	176	5.0	50	93	258
	Alaska II	0	49	0	0	0	0	49	1.4	24	9	88
Season	Nass	6	109	0	16	0	1	132	3.8	74	9	254
Totals	Skeena	0	14	0	0	0	0	14	0.4	109	0	194
	Tahltan	95	1,010	42	79	0	10	1,236	35.2	87	1,093	1,379
	Stikine	0	340	0	0	24	2	365	10.4	43	294	436
	Tuya	37	887	337	227	0	49	1,538	43.8	120	1,340	1,736
	Total	184	2,465	381	391	24	65	3,510				

[a] Percents may not sum to 100.

[b] The standard errors are minimum estimates since no estimates of the variance for stocks contributing 0 fish during a given week or for the 'other' age class are available. The 90% confidence intervals are affected in a like manner.

Appendix C20.–Estimated contributions of sockeye salmon stocks originating in Alaska and Canada to the Alaskan Sub-district 106-30 drift gillnet fishery, 1999.

		Catch By Age Class								Standard	90% C.I. [b]	
Dates	Stock Group	1.2	1.3	2.2	2.3	0.	Other	Total	Percent [a]	Error [b]	Lower	Upper
6/20-7/10	Alaska I	414	2,324	236	195	0	51	3,219	72.6	380.7	2,593	3,845
Wks. 26-28	Alaska II	0	46	0	0	0	1	46	1.0	131.5	0	263
	Nass	45	198	192	18	0	7	459	10.4	143.8	223	696
	Skeena	16	0	0	0	0	0	16	0.4	203.6	0	351
	Tahltan	0	146	0	13	0	3	161	3.6	184.5	0	465
	Stikine	0	129	0	0	12	2	142	3.2	242.0	0	541
	Tuya	0	98	163	122	0	6	388	8.8	106.4	213	564
	Total	475	2,940	590	347	12	69	4,433				
7/11-7/17	Alaska I	214	1,006	124	156	0	3	1,502	76.5	175.6	1,214	1,791
Week 29	Alaska II	0	8	0	0	0	0	8	0.4	57.8	0	103
	Nass	24	85	46	0	0	0	156	7.9	61.8	54	257
	Skeena	0	0	0	0	0	0	0	0.0	84.3	0	139
	Tahltan	0	7	9	3	0	0	18	0.9	77.9	0	146
	Stikine	0	238	0	0	3	0	242	12.3	124.2	38	446
	Tuya	0	10	29	0	0	0	38	1.9	31.7	0	90
	Total	238	1,354	207	159	3	3	1,965				
7/18-7/24	Alaska I	993	5,431	485	842	0	15	7,766	79.9	915.6	6,260	9,272
Week 30	Alaska II	0	114	0	0	0	0	114	1.2	314.6	0	631
	Nass	37	98	203	0	0	1	339	3.5	260.2	0	767
	Skeena	0	0	24	0	0	0	24	0.2	422.4	0	719
	Tahltan	0	157	0	76	0	0	234	2.4	417.6	0	921
	Stikine	0	1,225	0	0	19	2	1,246	12.8	647.4	181	2,311
	Tuya	0	0	0	0	0	0	0	0.0	129.7	0	213
	Total	1,030	7,025	712	918	19	19	9,722				
7/25-7/31	Alaska I	719	3,748	238	719	0	10	5,433	89.4	552.1	4,525	6,341
Week 31	Alaska II	0	133	0	0	0	0	134	2.2	208.4	0	476
	Nass	0	0	115	0	0	0	116	1.9	139.3	0	345
	Skeena	0	0	0	0	0	0	0	0.0	268.4	0	442
	Tahltan	0	129	17	0	0	0	147	2.4	256.9	0	569
	Stikine	0	84	0	0	0	0	84	1.4	351.9	0	663
	Tuya	0	161	0	0	0	0	161	2.7	122.4	0	363
	Total	719	4,256	371	719	0	11	6,075				
8/01-8/07	Alaska I	704	1,861	208	511	0	31	3,315	78.9	327.2	2,776	3,853
Week 32	Alaska II	0	72	0	0	0	1	73	1.7	113.3	0	259
	Nass	3	0	233	0	0	2	239	5.7	104.8	66	411
	Skeena	35	85	0	0	0	1	121	2.9	176.2	0	411
	Tahltan	0	0	0	0	0	0	0	0.0	148.3	0	244
	Stikine	0	396	0	0	8	4	408	9.7	234.9	22	794
	Tuya	5	24	15	0	0	0	44	1.0	70.7	0	160
	Total	747	2,438	456	511	8	39	4,199				
8/08-8/14	Alaska I	359	1,169	172	345	0	12	2,057	63.2	250.6	1,645	2,470
Week 33	Alaska II	0	72	0	0	0	0	73	2.2	85.6	0	214
	Nass	92	161	160	8	0	2	423	13.0	108.7	244	602
	Skeena	80	57	15	0	0	1	153	4.7	141.4	0	386
	Tahltan	0	0	0	0	0	0	0	0.0	115.0	0	189
	Stikine	0	519	0	26	0	3	549	16.9	189.0	238	859
	Tuya	0	0	0	0	0	0	0	0.0	52.5	0	86
	Total	531	1,978	348	379	0	19	3,255				
8/15-10/16	Alaska I	281	561	65	319	0	16	1,243	66.8	139.5	1,013	1,472
Wks 34-42	Alaska II	0	18	0	0	0	0	18	1.0	38.9	0	82
	Nass	46	64	93	0	0	3	207	11.1	66.0	98	315
	Skeena	0	23	0	0	0	0	24	1.3	75.9	0	149
	Tahltan	0	0	2	0	0	0	2	0.1	73.8	0	123
	Stikine	0	284	0	73	0	5	361	19.4	113.6	174	548
	Tuya	0	0	7	0	0	0	7	0.4	35.0	0	65
	Total	327	950	168	392	0	24	1,861				

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Dates	Stock Group	Catch By Age Class 1.2	1.3	2.2	2.3	0.	Other	Total	Percent [a]	Standard Error [b]	90% C.I. [b] Lower	Upper
	Alaska I	3,684	16,100	1,527	3,087	0	137	24,535	77.9	1,228	22,515	26,556
	Alaska II	0	463	0	0	0	3	466	1.5	430	0	1,173
Season	Nass	247	607	1,043	26	0	16	1,938	6.2	373	1,325	2,551
Totals	Skeena	131	165	39	0	0	3	338	1.1	597	0	1,319
	Tahltan	0	439	28	91	0	3	562	1.8	567	0	1,494
	Stikine	0	2,875	0	99	42	17	3,032	9.6	849	1,635	4,428
	Tuya	5	292	214	122	0	7	639	2.0	230	260	1,019
	Total	4,067	20,940	2,851	3,425	42	185	31,510				

[a] Percents may not sum to 100.

[b] The standard errors are minimum estimates since no estimates of the variance for stocks contributing 0 fish during a given week or for the 'other' age class are available. The 90% confidence intervals are affected in a like manner.

Appendix C21.–Estimated CPUE and migratory timing of sockeye salmon stocks in the Alaska Subdistrict 106-30 drift gillnet fishery, 1999.

Stat Week	Days Open	Number Boats	Boat Days	Stock Group							
				Alaska I	Alaska II	Nass	Skeena	Tahltan	Stikine	Tuya	Total
Catch per Boat Day											
26-28	7	48	336	10	0	1	0	0	0	1	13
29	2	23	46	33	0	3	0	0	5	1	43
30	3	48	144	54	1	2	0	2	9	0	68
31	3	53	159	34	1	1	0	1	1	1	38
32	3	56	168	20	0	1	1	0	2	0	25
33	4	44	176	12	0	2	1	0	3	0	18
34-42	27	305	8,235	0	0	0	0	0	0	0	0
Total				162	3	12	2	3	20	3	205
Migratory Timing: Prop of Stock-specific CPUE by week											
26-28				0.059	0.049	0.117	0.027	0.140	0.021	0.354	0.064
29				0.202	0.064	0.290	0.000	0.117	0.257	0.255	0.208
30				0.333	0.282	0.201	0.092	0.474	0.423	0.000	0.329
31				0.211	0.301	0.062	0.000	0.269	0.026	0.311	0.186
32				0.122	0.155	0.122	0.398	0.000	0.119	0.080	0.122
33				0.072	0.148	0.206	0.482	0.000	0.152	0.000	0.090
34-42				0.001	0.001	0.002	0.002	0.000	0.002	0.000	0.001
Total				1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Appendix C22.–Estimated contributions of sockeye salmon stocks originating in Alaska and Canada to the Alaskan Sub-district 106-41 drift gillnet fishery, 1999.

		Catch By Age Class								Standard	90% C.I. [b]	
Dates	Stock Group	1.2	1.3	2.2	2.3	0.	Other	Total	Percent [a]	Error [b]	Lower	Upper
6/20-6/26	Alaska I	371	1,605	270	103	0	173	2,522	37.2	454.2	1,775	3,269
Week 26	Alaska II	0	81	0	0	0	6	87	1.3	141.9	0	320
	Nass	37	43	339	74	0	36	530	7.8	172.1	247	813
	Skeena	0	0	0	0	0	0	0	0.0	275.0	0	452
	Tahltan	30	1,933	0	140	0	154	2,257	33.3	343.4	1,693	2,822
	Stikine	0	0	0	0	13	0	13	0.2	258.9	0	439
	Tuya	0	496	524	262	0	94	1,376	20.3	210.8	1,029	1,723
	Total	438	4,159	1,133	579	13	463	6,785				
6/27-7/03	Alaska I	500	2,394	274	50	0	121	3,340	39.5	507.8	2,505	4,175
Week 27	Alaska II	0	108	0	0	0	4	112	1.3	168.8	0	390
	Nass	402	149	1,256	74	0	71	1,952	23.1	279.2	1,492	2,411
	Skeena	0	0	0	0	0	0	0	0.0	386.4	0	636
	Tahltan	64	923	0	189	0	44	1,220	14.4	337.1	665	1,774
	Stikine	0	0	73	0	16	3	92	1.1	300.5	0	586
	Tuya	0	512	859	299	0	63	1,732	20.5	243.2	1,332	2,132
	Total	965	4,087	2,462	611	16	306	8,448				
7/04-7/10	Alaska I	584	2,842	169	126	0	105	3,826	59.9	493.0	3,015	4,637
Week 28	Alaska II	0	19	0	0	0	1	19	0.3	161.1	0	284
	Nass	103	241	457	18	0	23	843	13.2	195.1	522	1,164
	Skeena	13	0	0	0	0	0	14	0.2	272.5	0	462
	Tahltan	46	394	0	84	0	15	539	8.4	262.6	107	971
	Stikine	0	170	0	52	25	6	254	4.0	201.4	0	585
	Tuya	77	200	472	119	0	24	892	14.0	163.5	623	1,161
	Total	823	3,867	1,098	399	25	175	6,387				
7/11-7/17	Alaska I	963	4,434	356	203	0	118	6,073	65.9	770.5	4,805	7,340
Week 29	Alaska II	0	139	0	0	0	3	141	1.5	270.2	0	586
	Nass	50	259	288	15	0	12	624	6.8	260.4	196	1,053
	Skeena	0	0	0	0	0	0	0	0.0	398.4	0	655
	Tahltan	0	552	0	116	0	13	681	7.4	398.7	26	1,337
	Stikine	0	282	0	85	123	7	498	5.4	491.6	0	1,307
	Tuya	255	445	413	56	0	23	1,193	13.0	260.8	764	1,622
	Total	1,268	6,111	1,057	476	123	176	9,211				
7/18-7/24	Alaska I	1,916	6,903	446	684	0	57	10,005	67.1	1,344.2	7,794	12,217
Week 30	Alaska II	0	406	0	0	0	2	408	2.7	478.1	0	1,195
	Nass	366	0	279	0	0	4	649	4.4	381.7	21	1,277
	Skeena	0	0	0	0	0	0	0	0.0	600.2	0	987
	Tahltan	0	641	0	0	0	4	645	4.3	648.6	0	1,712
	Stikine	0	2,460	0	232	56	15	2,764	18.5	988.0	1,139	4,389
	Tuya	0	211	120	98	0	2	431	2.9	272.8	0	880
	Total	2,282	10,620	845	1,014	56	85	14,902				
7/25-7/31	Alaska I	937	5,318	377	827	0	42	7,501	59.5	1,148.9	5,611	9,391
Week 31	Alaska II	0	418	0	0	0	2	421	3.3	411.3	0	1,097
	Nass	0	271	210	0	0	3	484	3.8	418.9	0	1,173
	Skeena	145	182	136	0	0	3	465	3.7	528.7	0	1,335
	Tahltan	0	0	53	0	0	0	53	0.4	507.7	0	888
	Stikine	499	3,034	0	36	47	20	3,636	28.8	894.0	2,166	5,107
	Tuya	32	0	7	15	0	0	54	0.4	183.8	0	357
	Total	1,612	9,224	783	877	47	71	12,615				
8/01-8/07	Alaska I	529	2,773	288	817	0	33	4,441	64.3	578.5	3,490	5,393
Week 32	Alaska II	0	265	0	0	0	2	267	3.9	215.4	0	621
	Nass	117	289	407	0	0	6	819	11.9	227.4	445	1,193
	Skeena	0	89	5	0	0	1	95	1.4	293.6	0	578
	Tahltan	0	0	0	0	0	0	0	0.0	256.5	0	422
	Stikine	0	1,232	0	35	0	10	1,277	18.5	434.6	562	1,992
	Tuya	0	0	10	0	0	0	10	0.2	90.5	0	159
	Total	646	4,650	710	852	0	52	6,910				

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Dates	Stock Group	Catch By Age Class								Standard	90% C.I. [b]	
		1.2	1.3	2.2	2.3	0.	Other	Total	Percent [a]	Error [b]	Lower	Upper
8/08-8/14	Alaska I	525	1,597	294	608	0	55	3,079	74.0	298.0	2,589	3,569
Week 33	Alaska I	431	1,803	213	337	0	22	2,806	71.8	330.0	2,263	3,349
	Alaska II	0	16	0	0	0	0	16	0.4	106.1	0	191
	Nass	64	143	197	5	0	3	412	10.5	122.7	210	614
	Skeena	4	35	0	0	0	0	39	1.0	167.0	0	314
	Tahltan	0	0	0	0	0	0	0	0.0	146.4	0	241
	Stikine	0	541	0	45	23	5	613	15.7	239.3	219	1,007
	Tuya	0	0	22	0	0	0	22	0.6	56.8	0	116
	Total	500	2,538	432	386	23	30	3,909				
8/15-10/16	Alaska II	0	50	0	0	0	1	51	1.2	98.3	0	212
Wks 34-42	Nass	152	0	266	0	0	8	425	10.2	110.0	244	606
	Skeena	10	22	0	0	0	1	33	0.8	159.3	0	295
	Tahltan	0	0	0	0	0	0	0	0.0	137.5	0	226
	Stikine	0	497	0	29	0	9	536	12.9	219.8	174	897
	Tuya	0	28	6	1	0	1	35	0.8	60.3	0	134
	Total	688	2,194	565	638	0	74	4,158				
	Alaska I	6,756	29,670	2,687	3,756	0	725	43,594	59.5	2,227	39,930	47,258
	Alaska II	0	1,502	0	0	0	21	1,523	2.1	783	235	2,810
Season	Nass	1,291	1,397	3,698	186	0	166	6,738	9.2	783	5,450	8,027
Totals	Skeena	172	328	140	0	0	5	645	0.9	1,112	0	2,475
	Tahltan	140	4,444	53	529	0	231	5,396	7.4	1,115	3,561	7,231
	Stikine	499	8,217	73	514	304	76	9,683	13.2	1,584	7,077	12,288
	Tuya	364	1,892	2,433	849	0	208	5,746	7.8	567	4,813	6,679
	Total	9,222	47,450	9,084	5,834	304	1,431	73,325				

[a] Percents may not sum to 100.

[b] The standard errors are minimum estimates since no estimates of the variance for stocks contributing 0 fish during a given week or for the 'other' age class are available. The 90% confidence intervals are affected in a like manner.

Appendix C23.–Estimated CPUE and migratory timing of sockeye salmon stocks in the Alaska Subdistrict 106-41 drift gillnet fishery, 1999.

Stat Week	Days Open	Number Boats	Boat Days	Stock Group							
				Alaska I	Alaska II	Nass	Skeena	Tahltan	Stikine	Tuya	Total
Catch per Boat Day											
26	3	43	129	20	1	4	0	18	0	11	53
27	2	74	148	23	1	13	0	8	1	12	57
28	2	69	138	28	0	6	0	4	2	6	46
29	2	77	154	39	1	4	0	4	3	8	60
30	3	81	243	41	2	3	0	3	11	2	61
31	3	101	303	25	1	2	2	0	12	0	42
32	3	79	237	19	1	3	0	0	5	0	29
33	4	67	268	10	0	2	0	0	2	0	15
34-42	27	481	12987	0	0	0	0	0	0	0	0
Total				205	7	37	2	37	37	39	363
Migratory Timing: Prop of Stock-specific CPUE by week											
26				0.096	0.100	0.112	0.000	0.474	0.003	0.276	0.145
27				0.110	0.112	0.359	0.000	0.223	0.017	0.303	0.157
28				0.135	0.021	0.166	0.045	0.106	0.050	0.167	0.128
29				0.193	0.136	0.110	0.000	0.120	0.088	0.200	0.165
30				0.201	0.249	0.073	0.000	0.072	0.308	0.046	0.169
31				0.121	0.206	0.043	0.703	0.005	0.325	0.005	0.115
32				0.092	0.167	0.094	0.183	0.000	0.146	0.001	0.080
33				0.051	0.009	0.042	0.068	0.000	0.062	0.002	0.040
34-42				0.001	0.001	0.001	0.001	0.000	0.001	0.000	0.001
Total				1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Appendix C24.–Estimated contributions of sockeye salmon stocks originating in Alaska and Canada to the Alaskan District 108 drift gillnet fishery, 1999.

		Catch By Age Class								Standard	90% C.I. [b]	
Dates	Stock Group	1.2	1.3	2.2	2.3	0.	Other	Total	Percent [a]	Error [b]	Lower	Upper
6/20-6/26	Alaska I	22	331	14	20	0	19	406	15.5	156.1	149	663
Week 26	Alaska II	0	6	0	0	0	0	6	0.2	40.6	0	73
	Nass	0	0	5	7	0	1	13	0.5	61.2	0	114
	Skeena	0	0	0	0	0	0	0	0.0	112.1	0	184
	Tahltan	95	944	0	46	0	54	1,139	43.4	146.8	898	1,381
	Stikine	35	5	0	0	16	2	58	2.2	87.5	0	202
	Tuya	6	552	213	181	0	48	1,000	38.1	113.5	813	1,187
	Total	157	1,839	233	254	16	124	2,623				
6/27-7/03	Alaska I	213	401	165	92	0	33	904	7.7	540.0	16	1,792
Week 27	Alaska II	0	169	0	0	0	6	176	1.5	169.3	0	454
	Nass	11	210	0	0	0	8	229	2.0	239.5	0	623
	Skeena	0	0	0	0	0	0	0	0.0	441.8	0	727
	Tahltan	613	4,989	0	329	0	223	6,153	52.7	609.6	5,151	7,156
	Stikine	212	187	45	91	84	20	639	5.5	357.6	51	1,227
	Tuya	44	1,351	1,533	517	0	129	3,574	30.6	421.0	2,881	4,266
	Total	1,092	7,307	1,743	1,029	84	420	11,675				
7/04-7/10	Alaska I	235	718	56	4	0	25	1,037	15.7	372.9	424	1,651
Week 28	Alaska II	0	95	0	0	0	2	97	1.5	112.7	0	283
	Nass	47	0	0	64	0	3	114	1.7	151.8	0	364
	Skeena	107	0	42	0	0	4	153	2.3	259.5	0	580
	Tahltan	184	2,523	50	279	0	74	3,110	47.1	347.5	2,539	3,682
	Stikine	258	196	0	7	78	11	550	8.3	230.9	170	930
	Tuya	0	489	932	89	0	37	1,547	23.4	216.0	1,192	1,902
	Total	833	4,020	1,080	442	78	156	6,609				
7/11-7/17	Alaska I	136	120	41	17	0	6	320	7.8	193.1	2	637
Week 29	Alaska II	0	14	0	0	0	0	14	0.4	40.1	0	80
	Nass	0	4	45	0	0	1	50	1.2	94.3	0	205
	Skeena	0	0	54	0	0	1	55	1.3	154.0	0	308
	Tahltan	333	1,763	0	78	0	39	2,213	54.3	210.4	1,867	2,559
	Stikine	306	217	29	34	78	10	674	16.5	158.7	413	935
	Tuya	0	285	397	58	0	13	753	18.5	126.1	546	960
	Total	775	2,403	566	186	78	70	4,078				
7/18-7/24	Alaska I	288	48	185	0	0	14	535	7.9	389.0	0	1,175
Week 30	Alaska II	0	92	0	0	0	2	94	1.4	100.7	0	260
	Nass	140	24	169	12	0	9	354	5.2	198.2	28	680
	Skeena	0	42	0	0	0	1	43	0.6	239.3	0	437
	Tahltan	0	2,262	23	128	0	64	2,477	36.6	376.8	1,857	3,097
	Stikine	579	1,944	22	106	183	70	2,905	42.9	407.5	2,234	3,575
	Tuya	0	230	98	29	0	9	367	5.4	242.3	0	765
	Total	1,007	4,643	497	275	183	170	6,775				
7/25-7/31	Alaska I	323	828	66	150	0	15	1,382	42.1	276.4	927	1,837
Week 31	Alaska II	0	0	0	0	0	0	0	0.0	73.1	0	120
	Nass	56	66	32	0	0	2	156	4.7	104.3	0	327
	Skeena	20	26	0	0	0	1	46	1.4	122.0	0	247
	Tahltan	0	27	0	0	0	0	27	0.8	127.6	0	237
	Stikine	138	1,249	1	3	162	15	1,569	47.8	236.3	1,180	1,958
	Tuya	0	88	3	9	0	1	101	3.1	68.9	0	214
	Total	537	2,284	102	162	162	34	3,281				
8/01-10/16	Alaska I	177	56	19	38	0	0	290	18.6	130.0	77	504
Wks. 32-42	Alaska II	0	0	0	0	0	0	0	0.0	25.3	0	42
	Nass	31	25	29	0	0	0	85	5.5	61.7	0	187
	Skeena	11	4	0	0	0	0	15	0.9	55.9	0	107
	Tahltan	0	39	0	0	0	0	39	2.5	70.6	0	156
	Stikine	76	905	0	0	115	0	1,096	70.3	128.6	884	1,307
	Tuya	0	32	3	0	0	0	34	2.2	33.6	0	89
	Total	294	1,061	51	38	115	0	1,560				

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Dates	Stock Group	Catch By Age Class 1.2	1.3	2.2	2.3	0.	Other	Total	Percent [a]	Standard Error [b]	90% C.I. [b] Lower	Upper
	Alaska I	1,393	2,503	546	320	0	111	4,874	13.3	858	3,462	6,286
	Alaska II	0	376	0	0	0	12	388	1.1	246	0	793
Season	Nass	285	330	281	83	0	23	1,002	2.7	383	371	1,633
Totals	Skeena	138	72	96	0	0	6	312	0.9	612	0	1,318
	Tahltan	1,225	12,548	72	860	0	454	15,159	41.4	849	13,762	16,556
	Stikine	1,604	4,702	97	241	716	129	7,490	20.5	673	6,384	8,597
	Tuya	49	3,026	3,179	882	0	238	7,375	20.2	563	6,449	8,302
	Total	4,695	23,558	4,272	2,386	716	974	36,601				

[a] Percents may not sum to 100.

[b] The standard errors are minimum estimates since no estimates of the variance for stocks contributing 0 fish during a given week or for the 'other' age class are available. The 90% confidence intervals are affected in a like manner.

Appendix C25.–Estimated CPUE and migratory timing of sockeye salmon stocks in the Alaska District 108 drift gillnet fishery, 1999.

Stat	Days	Number	Boat	Stock Group							
Week	Open	Boats	Days	Alaska I	Alaska II	Nass	Skeena	Tahltan	Stikine	Tuya	Total
Catch per Boat Day											
26	3	26	78	5	0	0	0	15	1	13	34
27	3	97	160	6	1	1	0	38	4	22	73
28	2	64	128	8	1	1	1	24	4	12	52
29	2	55	110	3	0	0	0	20	6	7	37
30	5	104	286	2	0	1	0	9	10	1	24
31	5	72	190	7	0	1	0	0	8	1	17
32-42	34	212	723	0	0	0	0	0	2	0	2
Total				31	2	5	2	106	35	56	238
Migratory Timing: Prop of Stock-specific CPUE by week.											
26				0.166	0.034	0.034	0.000	0.137	0.021	0.229	0.141
27				0.180	0.458	0.280	0.000	0.362	0.114	0.399	0.306
28				0.258	0.317	0.174	0.567	0.229	0.123	0.216	0.217
29				0.093	0.054	0.088	0.236	0.189	0.175	0.122	0.156
30				0.060	0.137	0.242	0.072	0.081	0.289	0.023	0.099
31				0.232	0.000	0.160	0.116	0.001	0.235	0.009	0.072
32-42				0.013	0.000	0.023	0.010	0.001	0.043	0.001	0.009
				1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Appendix C26.–Estimated contributions of sockeye salmon stocks originating in Alaska and Canada to the Alaskan District 108 test drift gillnet fishery, 1999.

		Catch By Age Class								Standard	90% C.I. [b]	
Week & Mesh	Stock Group	1.2	1.3	2.2	2.3	0	Other	Total	Percent [a]	Error [b]	Lower	Upper
25 4.6	Alaska I	0	5	2	0	0	0	7	18.9	2.6	3	12
	Alaska II	0	0	0	0	0	0	0	0.2	0.7	0	1
	Nass	0	0	1	0	0	0	1	2.1	1.0	0	3
	Skeena	0	0	0	0	0	0	0	0.0	1.8	0	3
	Tahltan	1	15	0	0	0	0	16	41.5	2.6	12	21
	Stikine	0	0	0	0	0	0	1	1.4	1.4	0	3
	Tuya	0	10	1	2	0	1	14	35.9	2.2	10	18
	Total	2	30	4	2	0	1	39				
25 5.0	Alaska I	1	6	0	1	0	0	7	18.7	2.3	3	11
	Alaska II	0	0	0	0	0	0	0	0.3	0.6	0	1
	Nass	0	0	0	0	0	0	0	0.5	0.9	0	2
	Skeena	0	0	0	0	0	0	0	0.0	1.6	0	3
	Tahltan	3	17	0	1	0	0	22	58.2	2.4	18	25
	Stikine	1	0	0	0	0	0	1	3.3	1.6	0	4
	Tuya	0	3	0	3	0	1	7	18.9	2.1	4	10
	Total	5	26	0	5	0	1	37				
25 5.4	Alaska I	0	8	3	0	0	0	11	18.5	3.4	6	17
	Alaska II	0	0	0	0	0	0	0	0.2	0.8	0	2
	Nass	0	0	1	0	0	0	1	1.8	1.4	0	3
	Skeena	0	0	0	0	0	0	0	0.0	2.3	0	4
	Tahltan	2	24	0	0	0	0	26	42.0	3.8	19	32
	Stikine	1	0	0	0	1	0	2	3.0	2.0	0	5
	Tuya	0	6	1	9	0	5	21	34.4	3.7	15	27
	Total	3	38	5	9	1	5	61				
26 4.6	Alaska I	3	53	6	0	0	0	61	14.8	23.3	23	100
	Alaska II	0	1	0	0	0	0	1	0.2	6.0	0	11
	Nass	0	0	2	0	0	0	2	0.5	9.5	0	18
	Skeena	0	0	0	0	0	0	0	0.0	17.2	0	28
	Tahltan	16	169	0	3	0	0	188	45.4	22.6	151	225
	Stikine	5	1	0	0	3	0	9	2.1	13.4	0	31
	Tuya	3	49	39	42	0	20	153	37.0	18.0	123	183
	Total	27	272	47	45	3	20	414				
26 5.0	Alaska I	3	102	20	0	0	0	125	14.2	51.7	40	210
	Alaska II	0	2	0	0	0	0	2	0.2	13.5	0	24
	Nass	0	0	8	0	0	0	8	0.9	20.7	0	42
	Skeena	0	0	0	0	0	0	0	0.0	38.2	0	63
	Tahltan	11	302	0	0	0	0	313	35.8	48.6	233	393
	Stikine	4	2	0	0	1	0	7	0.8	27.3	0	52
	Tuya	8	204	87	83	0	40	422	48.2	37.6	360	484
	Total	26	611	115	83	1	40	876				
26 5.4	Alaska I	3	136	9	1	0	0	149	15.7	57.9	54	244
	Alaska II	0	2	0	0	0	0	2	0.3	15.1	0	27
	Nass	0	0	4	0	0	0	4	0.4	22.6	0	41
	Skeena	0	0	0	0	0	0	0	0.0	41.7	0	69
	Tahltan	22	411	0	11	0	0	444	46.8	54.1	355	533
	Stikine	5	2	0	0	9	0	16	1.7	30.7	0	66
	Tuya	0	135	86	84	0	28	333	35.1	42.0	264	402
	Total	30	686	99	96	9	28	948				
27 4.6	Alaska I	10	11	20	3	0	0	44	12.8	15.2	19	69
	Alaska II	0	4	0	0	0	0	4	1.3	4.4	0	12
	Nass	1	6	0	0	0	0	6	1.8	7.3	0	18
	Skeena	0	0	0	0	0	0	0	0.0	13.4	0	22
	Tahltan	30	140	0	11	0	0	180	53.2	17.9	151	210
	Stikine	10	5	5	3	0	0	24	7.0	11.2	5	42
	Tuya	2	26	41	10	0	2	81	23.9	12.3	61	101
	Total	53	191	66	27	0	2	339				

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Week & Mesh	Stock Group	Catch By Age Class								Standard	90% C.I. [b]	
		1.2	1.3	2.2	2.3	0	Other	Total	Percent [a]	Error [b]	Lower	Upper
27 5.0	Alaska I	4	10	10	1	0	0	25	10.0	11.9	5	45
	Alaska II	0	4	0	0	0	0	4	1.7	3.8	0	10
	Nass	0	5	0	0	0	0	5	2.1	5.2	0	14
	Skeena	0	0	0	0	0	0	0	0.0	9.5	0	16
	Tahltan	11	127	1	7	0	1	146	58.5	13.8	124	169
	Stikine	4	5	3	1	2	0	14	5.7	7.8	1	27
	Tuya	2	12	19	16	0	6	55	22.0	9.5	39	71
	Total	20	162	33	25	2	8	250				
727 5.4	Alaska I	1	11	10	0	0	0	23	7.8	14.6	0	47
	Alaska II	0	5	0	0	0	0	5	1.6	4.7	0	13
	Nass	0	6	0	0	0	0	6	2.0	6.2	0	16
	Skeena	0	0	0	0	0	0	0	0.0	11.6	0	19
	Tahltan	4	150	0	1	0	2	156	52.6	16.8	128	183
	Stikine	1	5	3	0	8	0	17	5.9	9.3	2	33
	Tuya	0	27	29	20	0	13	89	30.1	11.7	70	108
	Total	6	204	42	21	8	15	296				
28 4.6	Alaska I	16	50	11	0	0	1	79	17.4	26.8	34	123
	Alaska II	0	7	0	0	0	0	7	1.5	8.1	0	20
	Nass	3	0	0	0	0	0	3	0.7	10.8	0	21
	Skeena	7	0	9	0	0	0	16	3.6	18.3	0	46
	Tahltan	21	178	10	0	0	4	212	46.9	24.5	172	253
	Stikine	18	14	0	0	3	1	35	7.7	17.1	7	63
	Tuya	5	40	31	20	0	5	101	22.3	14.8	77	125
	Total	70	288	61	20	3	11	453				
28 5.0	Alaska I	16	76	14	0	1	0	107	19.9	36.5	47	167
	Alaska II	0	10	0	0	0	0	10	1.9	11.3	0	29
	Nass	3	0	0	1	0	0	5	0.8	13.4	0	27
	Skeena	7	0	11	0	0	0	18	3.3	23.2	0	56
	Tahltan	12	272	12	6	3	0	306	56.8	32.6	252	359
	Stikine	17	21	0	0	0	0	39	7.2	21.3	4	74
	Tuya	5	24	18	6	0	1	54	10.0	18.3	24	84
	Total	61	403	55	13	5	1	538				
28 5.4	Alaska I	11	75	7	0	0	0	94	17.2	0.0	94	94
	Alaska II	0	10	0	0	0	0	10	1.8	0.0	10	10
	Nass	2	0	0	2	0	0	4	0.8	0.0	4	4
	Skeena	5	0	5	0	0	0	11	1.9	0.0	11	11
	Tahltan	9	271	6	11	1	0	298	54.2	0.0	298	298
	Stikine	12	21	0	0	0	0	33	6.1	0.0	33	33
	Tuya	0	37	38	16	0	8	99	18.0	0.0	99	99
	Total	40	414	57	29	2	8	550				
	Alaska I	68	541	113	6	2	2	732	15.2	96	574	890
	Alaska II	0	46	0	0	0	0	46	1.0	26	2	89
Season	Nass	9	17	15	4	0	0	45	0.9	38	0	108
Totals	Skeena	20	0	25	0	0	0	45	0.9	69	0	159
	Tahltan	142	2,074	30	50	4	7	2,307	48.1	91	2,157	2,457
	Stikine	79	74	11	4	28	1	197	4.1	54	108	285
	Tuya	25	573	390	311	0	130	1,429	29.8	67	1,319	1,539
	Total	343	3,325	584	375	34	140	4,801				

[a] Percents may not sum to 100.

[b] The standard errors are minimum estimates since no estimates of the variance for stocks contributing 0 fish during a given week or for the 'other' age class are available. The 90% confidence intervals are affected in a like manner.

Appendix C27.–Estimated contributions of sockeye salmon stocks originating in Alaska and Canada to the Alaskan Sub-district 106-30 drift gillnet fishery, 2000.

		Catch By Age Class								Standard	90% C.I. [b]	
Dates	Stock Group	1.2	1.3	2.2	2.3	0.	Other	Total	Percent [a]	Error [b]	Lower	Upper
6/18-7/01	Alaska I	142	703	140	218	0	78	1,280	66.7	126.4	1,072	1,488
Wks 26-27	Alaska II	0	14	0	0	0	1	15	0.8	74.9	0	138
	Nass	137	26	0	87	0	16	267	13.9	89.2	120	413
	Skeena	61	0	39	0	0	6	106	5.5	165.1	0	378
	Tahltan	0	45	0	0	0	3	48	2.5	77.3	0	175
	Stikine	0	49	0	0	14	3	65	3.4	61.4	0	166
	Tuya	0	0	100	29	0	8	138	7.2	95.2	0	294
	Total	340	837	279	333	14	116	1,919				
7/02-7/08	Alaska I	582	1,068	187	639	0	149	2,625	68.6	292.5	2,144	3,106
Week 28	Alaska II	0	0	0	0	0	0	0	0.0	134.2	0	221
	Nass	201	83	45	0	0	20	350	9.1	201.6	18	681
	Skeena	27	85	108	60	0	17	296	7.7	426.0	0	997
	Tahltan	0	0	0	0	0	0	0	0.0	167.5	0	275
	Stikine	0	58	0	0	58	4	120	3.1	124.2	0	324
	Tuya	103	66	243	0	0	25	436	11.4	219.7	75	798
	Total	913	1,360	583	699	58	214	3,827				
7/09-7/15	Alaska I	912	4,392	518	901	0	86	6,809	76.3	543.4	5,916	7,703
Week 29	Alaska II	0	243	0	0	0	3	246	2.8	429.8	0	953
	Nass	495	131	0	248	0	11	886	9.9	312.0	373	1,399
	Skeena	644	0	0	0	0	8	652	7.3	506.5	0	1,485
	Tahltan	0	137	0	0	0	2	139	1.6	378.3	0	761
	Stikine	0	0	0	0	14	0	14	0.2	292.3	0	495
	Tuya	0	119	34	25	0	2	181	2.0	501.3	0	1,005
	Total	2,051	5,022	552	1,174	14	113	8,927				
7/16-7/22	Alaska I	500	2,898	417	1,146	0	59	5,020	56.2	492.5	4,210	5,830
Week 30	Alaska II	0	442	0	0	0	5	447	5.0	346.4	0	1,017
	Nass	679	43	159	181	0	13	1,076	12.0	352.7	495	1,656
	Skeena	1,721	338	0	0	0	25	2,083	23.3	636.3	1,037	3,130
	Tahltan	18	0	0	0	0	0	18	0.2	291.1	0	497
	Stikine	0	175	0	0	35	2	213	2.4	269.2	0	655
	Tuya	0	0	0	71	0	1	72	0.8	397.5	0	725
	Total	2,918	3,896	577	1,398	35	105	8,928				
7/23-7/29	Alaska I	407	1,208	153	380	0	19	2,167	72.9	184.4	1,864	2,471
Week 31	Alaska II	0	37	0	0	0	0	37	1.3	122.0	0	238
	Nass	39	23	62	0	0	1	125	4.2	110.5	0	307
	Skeena	468	28	0	0	0	4	501	16.8	223.7	133	869
	Tahltan	0	0	0	5	0	0	5	0.2	114.7	0	194
	Stikine	0	78	0	0	9	1	87	2.9	99.4	0	251
	Tuya	0	48	0	2	0	0	51	1.7	151.9	0	301
	Total	914	1,423	216	388	9	26	2,975				
7/30-8/05	Alaska I	427	556	239	257	0	25	1,503	70.6	118.7	1,308	1,698
Week 32	Alaska II	0	53	0	0	0	1	54	2.5	62.9	0	157
	Nass	21	37	66	13	0	2	140	6.6	80.0	8	271
	Skeena	361	51	0	0	0	7	419	19.7	155.9	162	675
	Tahltan	0	0	0	0	0	0	0	0.0	65.1	0	107
	Stikine	0	13	0	0	0	0	13	0.6	53.8	0	102
	Tuya	0	0	0	0	0	0	0	0.0	78.7	0	129
	Total	809	709	305	270	0	35	2,128				
8/06-8/12	Alaska I	345	662	248	312	0	7	1,574	68.2	105.3	1,401	1,747
Week 33	Alaska II	0	0	0	0	0	0	0	0.0	52.2	0	86
	Nass	0	0	41	21	0	0	62	2.7	74.4	0	185
	Skeena	581	78	0	0	0	3	662	28.7	107.3	485	838
	Tahltan	0	0	0	0	0	0	0	0.0	0.0	0	0
	Stikine	0	0	0	0	10	0	10	0.4	49.3	0	91
	Tuya	0	0	0	0	0	0	0	0.0	0.0	0	0
	Total	926	740	289	333	10	10	2,308				

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Dates	Stock Group	Catch By Age Class 1.2	1.3	2.2	2.3	0.	Other	Total	Percent [a]	Standard Error [b]	90% C.I. [b] Lower	Upper
8/13-9/23	Alaska I	89	310	214	111	0	7	730	60.8	59.5	632	828
Week 34-39	Alaska II	0	0	0	0	0	0	0	0.0	35.3	0	58
	Nass	0	0	0	0	0	0	0	0.0	0.0	0	0
	Skeena	323	61	0	79	0	5	467	38.9	47.9	388	546
	Tahltan	0	0	0	0	0	0	0	0.0	0.0	0	0
	Stikine	4	0	0	0	0	0	4	0.3	25.0	0	45
	Tuya	0	0	0	0	0	0	0	0.0	0.0	0	0
	Total	415	371	214	189	0	12	1,201				
	Alaska I	3,404	11,796	2,115	3,964	0	430	21,709	67.4	838	20,331	23,087
	Alaska II	0	788	0	0	0	10	798	2.5	593	0	1,773
Season	Nass	1,573	344	374	550	0	64	2,905	9.0	543	2,012	3,798
Totals	Skeena	4,185	640	147	139	0	75	5,186	16.1	979	3,576	6,796
	Tahltan	18	182	0	5	0	5	211	0.7	529	0	1,080
	Stikine	4	374	0	0	139	10	527	1.6	439	0	1,249
	Tuya	103	234	377	127	0	37	877	2.7	704	0	2,036
	Total	9,287	14,358	3,013	4,785	139	630	32,213				

[a] Percents may not sum to 100.

[b] The standard errors are minimum estimates since no estimates of the variance for stocks contributing 0 fish during a given week or for the 'other' age class are available. The 90% confidence intervals are affected in a like manner.

Appendix C28.–Estimated CPUE and migratory timing of sockeye salmon stocks in the Alaska Subdistrict 106-30 drift gillnet fishery, 2000.

Stat	Days	Number	Boat	Stock Group							
Week	Open	Boats	Days	Alaska I	Alaska II	Nass	Skeena	Tahltan	Stikine	Tuya	Total
Catch per Boat Day											
26-27	4	20	80	16	0	3	1	1	1	2	24
28	2	33	66	40	0	5	4	0	2	7	58
29	3	45	135	50	2	7	5	1	0	1	66
30	3	46	138	36	3	8	15	0	2	1	65
31	2	33	66	33	1	2	8	0	1	1	45
32	2	30	60	25	1	2	7	0	0	0	35
33	3	27	81	19	0	1	8	0	0	0	29
34-39	14	149	2086	0	0	0	0	0	0	0	1
Total				220	7	28	49	2	6	11	323
Migratory Timing: Prop of Stock-specific CPUE by week											
26-27				0.073	0.027	0.119	0.027	0.325	0.137	0.157	0.074
28				0.181	0.000	0.189	0.092	0.000	0.306	0.603	0.180
29				0.229	0.272	0.235	0.099	0.558	0.018	0.122	0.205
30				0.165	0.483	0.279	0.310	0.071	0.259	0.047	0.201
31				0.149	0.084	0.068	0.156	0.045	0.223	0.071	0.140
32				0.114	0.133	0.083	0.143	0.000	0.037	0.000	0.110
33				0.088	0.000	0.027	0.168	0.000	0.020	0.000	0.088
34-39				0.002	0.000	0.000	0.005	0.000	0.000	0.000	0.002
Total				1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Appendix C29.–Estimated contributions of sockeye salmon stocks originating in Alaska and Canada to the Alaskan Sub-district 106-41 drift gillnet fishery, 2000.

		Catch By Age Class								Standard	90% C.I. [b]	
Dates	Stock Group	1.2	1.3	2.2	2.3	0.	Other	Total	Percent [a]	Error [b]	Lower	Upper
6/18-6/24	Alaska I	174	859	145	301	0	173	1,653	55.4	158.7	1,392	1,914
Week 26	Alaska II	0	0	0	0	0	0	0	0.0	90.7	0	149
	Nass	173	29	13	36	0	29	280	9.4	106.0	106	454
	Skeena	21	0	25	0	0	5	52	1.7	199.3	0	379
	Tahltan	0	119	0	0	0	14	132	4.4	142.0	0	366
	Stikine	0	27	0	0	33	3	63	2.1	72.7	0	182
	Tuya	79	210	345	86	0	84	803	26.9	197.1	478	1,127
	Total	447	1,243	528	423	33	309	2,982				
6/25-7/01	Alaska I	724	1,862	501	525	0	455	4,067	37.9	440.4	3,343	4,792
Week 27	Alaska II	0	154	0	0	0	19	174	1.6	256.8	0	596
	Nass	292	287	0	405	0	124	1,108	10.3	323.4	575	1,640
	Skeena	504	64	79	0	0	81	728	6.8	591.6	0	1,701
	Tahltan	0	741	0	104	0	107	952	8.9	379.0	329	1,576
	Stikine	0	278	0	0	41	35	354	3.3	230.9	0	734
	Tuya	305	0	2,401	264	0	374	3,343	31.2	479.8	2,554	4,133
	Total	1,825	3,386	2,981	1,298	41	1,196	10,726				
7/2-7/8	Alaska I	809	2,913	558	689	0	248	5,218	56.9	454.4	4,471	5,966
Week 28	Alaska II	0	0	0	0	0	0	0	0.0	281.3	0	463
	Nass	467	153	41	364	0	51	1,076	11.7	313.1	561	1,591
	Skeena	481	108	0	0	0	29	619	6.8	553.4	0	1,529
	Tahltan	0	32	0	0	0	2	34	0.4	283.5	0	500
	Stikine	0	80	0	0	143	4	228	2.5	221.0	0	591
	Tuya	463	116	1,246	76	0	95	1,996	21.8	407.2	1,326	2,666
	Total	2,221	3,403	1,845	1,128	143	430	9,171				
7/09-7/15	Alaska I	954	4,747	635	1,002	0	163	7,502	72.8	624.7	6,475	8,530
Week 29	Alaska II	0	268	0	0	0	6	274	2.7	482.4	0	1,067
	Nass	189	280	38	231	0	16	754	7.3	361.4	160	1,349
	Skeena	810	0	0	0	0	18	828	8.0	606.4	0	1,826
	Tahltan	136	290	0	0	0	9	435	4.2	437.1	0	1,154
	Stikine	0	107	0	0	259	2	368	3.6	352.7	0	948
	Tuya	0	0	143	0	0	3	146	1.4	545.5	0	1,043
	Total	2,089	5,691	816	1,234	259	219	10,307				
7/16-7/22	Alaska I	955	3,853	466	1,284	0	67	6,625	68.7	534.0	5,746	7,503
Week 30	Alaska II	0	55	0	0	0	1	55	0.6	366.8	0	659
	Nass	207	205	220	232	0	9	874	9.1	348.3	301	1,447
	Skeena	1,522	0	0	0	0	16	1,538	16.0	629.2	503	2,573
	Tahltan	0	26	0	0	0	0	26	0.3	308.5	0	534
	Stikine	0	342	0	0	77	3	422	4.4	307.4	0	928
	Tuya	0	0	9	86	0	1	96	1.0	398.6	0	752
	Total	2,684	4,480	695	1,603	77	97	9,636				
7/23-7/29	Alaska I	1,016	2,431	691	695	0	86	4,919	62.9	417.0	4,233	5,605
Week 31	Alaska II	0	146	0	0	0	3	149	1.9	271.4	0	595
	Nass	0	11	107	119	0	4	241	3.1	261.2	0	671
	Skeena	1,601	185	0	0	0	32	1,817	23.2	494.9	1,003	2,631
	Tahltan	0	0	0	0	0	0	0	0.0	244.6	0	402
	Stikine	0	391	0	0	30	7	428	5.5	253.5	11	845
	Tuya	261	0	0	0	0	5	266	3.4	338.2	0	822
	Total	2,878	3,164	799	814	30	136	7,820				
7/30-8/05	Alaska I	339	1,034	241	223	0	7	1,844	57.8	163.9	1,575	2,114
Week 32	Alaska II	0	80	0	0	0	0	80	2.5	104.5	0	252
	Nass	0	22	49	52	0	0	123	3.9	113.4	0	310
	Skeena	1,063	10	0	0	0	4	1,078	33.8	204.5	741	1,414
	Tahltan	0	20	0	0	0	0	20	0.6	96.8	0	179
	Stikine	0	14	0	0	13	0	27	0.8	80.9	0	160
	Tuya	0	0	1	16	0	0	17	0.5	130.1	0	231
	Total	1,402	1,181	290	290	13	13	3,189				

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		Catch By Age Class								Standard	90% C.I. [b]	
Dates	Stock Group	1.2	1.3	2.2	2.3	0.	Other	Total	Percent [a]	Error [b]	Lower	Upper
8/06-8/12	Alaska I	393	850	236	303	0	21	1,803	64.4	127.1	1,594	2,012
Week 33	Alaska II	0	0	0	0	0	0	0	0.0	67.8	0	112
	Nass	94	10	49	67	0	3	222	7.9	99.8	58	387
	Skeena	698	57	0	0	0	9	764	27.3	125.1	558	970
	Tahltan	0	0	0	0	0	0	0	0.0	0.0	0	0
	Stikine	0	0	0	0	11	0	11	0.4	62.1	0	113
	Tuya	0	0	0	0	0	0	0	0.0	0.0	0	0
	Total	1,185	917	284	370	11	32	2,800				
8/13-8/19	Alaska I	46	102	12	36	0	3	199	36.9	36.6	139	259
Week 34	Alaska II	0	0	0	0	0	0	0	0.0	20.9	0	34
	Nass	0	0	0	0	0	0	0	0.0	0.0	0	0
	Skeena	192	71	40	26	0	4	333	61.6	27.2	288	378
	Tahltan	0	0	0	0	0	0	0	0.0	0.0	0	0
	Stikine	8	0	0	0	0	0	8	1.5	18.0	0	38
	Tuya	0	0	0	0	0	0	0	0.0	0.0	0	0
	Total	246	173	52	62	0	7	540				
8/20-8/26	Alaska I	29	79	22	38	0	7	175	58.2	25.4	133	217
Wks. 35	Alaska II	0	22	0	0	0	1	23	7.8	21.0	0	58
	Nass	0	0	0	0	0	0	0	0.0	0.0	0	0
	Skeena	73	11	8	4	0	4	100	33.3	15.7	74	126
	Tahltan	0	0	0	0	0	0	0	0.0	0.0	0	0
	Stikine	0	0	0	0	2	0	2	0.8	13.0	0	24
	Tuya	0	0	0	0	0	0	0	0.0	0.0	0	0
	Total	103	112	30	42	2	12	301				
8/20-9/23	Alaska I	17	77	20	41	0	1	156	39.9	28.6	109	203
Wks. 36-39	Alaska II	0	0	0	0	0	0	0	0.0	16.4	0	27
	Nass	0	0	0	0	0	0	0	0.0	0.0	0	0
	Skeena	70	111	15	34	0	1	231	59.2	21.0	197	266
	Tahltan	0	0	0	0	0	0	0	0.0	0.0	0	0
	Stikine	4	0	0	0	0	0	4	1.0	13.5	0	26
	Tuya	0	0	0	0	0	0	0	0.0	0.0	0	0
	Total	91	188	35	75	0	2	391				
	Alaska I	5,457	18,808	3,528	5,138	0	1,231	34,162	59.0	1,149	32,271	36,052
	Alaska II	0	726	0	0	0	30	755	1.3	782	0	2,041
Season	Nass	1,422	996	516	1,506	0	237	4,678	8.1	746	3,450	5,906
Totals	Skeena	7,035	617	167	64	0	204	8,088	14.0	1,328	5,903	10,272
	Tahltan	136	1,228	0	104	0	132	1,600	2.8	774	326	2,874
	Stikine	12	1,239	0	0	608	55	1,914	3.3	634	872	2,957
	Tuya	1,108	325	4,144	527	0	562	6,666	11.5	1,011	5,003	8,330
	Total	15,171	23,939	8,356	7,339	608	2,452	57,863				

[a] Percents may not sum to 100.

[b] The standard errors are minimum estimates since no estimates of the variance for stocks contributing 0 fish during a given week or for the 'other' age class are available. The 90% confidence intervals are affected in a like manner.

Appendix C30.–Estimated CPUE and migratory timing of sockeye salmon stocks in the Alaska Subdistrict 106-41 drift gillnet fishery, 2000.

Stat Week	Days Open	Number Boats	Boat Days	Stock Group							
				Alaska I	Alaska II	Nass	Skeena	Tahltan	Stikine	Tuya	Total
Catch per Boat Day											
26	2	37	74	22	0	4	1	2	1	11	40
27	2	56	112	36	2	10	7	9	3	30	96
28	2	57	114	46	0	9	5	0	2	18	80
29	3	53	159	47	2	5	5	3	2	1	65
30	3	51	153	43	0	6	10	0	3	1	63
31	2	53	106	46	1	2	17	0	4	3	74
32	2	43	86	21	1	1	13	0	0	0	37
33	3	36	108	17	0	2	7	0	0	0	26
34	3	35	105	2	0	0	3	0	0	0	5
35	3	47	141	1	0	0	1	0	0	0	2
36-39	8	182	1456	0	0	0	0	0	0	0	0
Total				283	6	39	69	14	16	62	489
Migratory Timing: Prop of Stock-specific CPUE by week											
26				0.079	0.000	0.096	0.010	0.130	0.054	0.174	0.082
27				0.128	0.253	0.251	0.095	0.619	0.202	0.478	0.196
28				0.162	0.000	0.240	0.079	0.022	0.128	0.280	0.165
29				0.167	0.280	0.121	0.076	0.199	0.148	0.015	0.133
30				0.153	0.059	0.145	0.146	0.013	0.177	0.010	0.129
31				0.164	0.229	0.058	0.250	0.000	0.259	0.040	0.151
32				0.076	0.152	0.036	0.182	0.017	0.020	0.003	0.076
33				0.059	0.000	0.052	0.103	0.000	0.006	0.000	0.053
34				0.007	0.000	0.000	0.046	0.000	0.005	0.000	0.011
35				0.004	0.027	0.000	0.010	0.000	0.001	0.000	0.004
36-39				0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.001
Total				1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Appendix C31.–Estimated contributions of sockeye salmon stocks originating in Alaska and Canada to the Alaskan District 108 drift gillnet fishery, 2000.

		Catch By Age Class								Standard	90% C.I. [b]	
Dates	Stock Group	1.2	1.3	2.2	2.3	0.	Other	Total	Percent [a]	Error [b]	Lower	Upper
6/18-6/24	Alaska I	0	38	0	10	0	5	53	4.0	49.3	0	135
Week 26	Alaska II	0	63	0	0	0	6	69	5.2	57.6	0	164
	Nass	5	0	18	0	0	2	25	1.9	50.6	0	108
	Skeena	0	28	0	0	0	3	31	2.3	82.9	0	167
	Tahltan	0	428	0	62	0	48	537	40.6	123.9	334	741
	Stikine	18	229	0	0	32	24	303	22.9	74.4	181	425
	Tuya	143	1	96	36	0	27	303	22.9	151.9	53	553
	Total	165	788	114	108	32	114	1,322				
6/25-7/01	Alaska I	56	0	18	138	0	35	247	5.1	145.8	7	487
Week 27	Alaska II	0	197	0	0	0	32	229	4.7	145.1	0	468
	Nass	62	95	0	86	0	40	283	5.8	168.8	5	560
	Skeena	27	165	98	0	0	48	337	6.9	288.7	0	812
	Tahltan	0	847	61	32	0	155	1,095	22.5	321.3	566	1,623
	Stikine	0	622	0	0	37	103	761	15.6	189.5	449	1,073
	Tuya	186	279	1,059	123	0	272	1,919	39.4	421.8	1,226	2,613
	Total	331	2,203	1,236	379	37	686	4,872				
7/2-7/8	Alaska I	125	42	25	19	0	40	251	10.8	109.8	70	431
Week 28	Alaska II	0	39	0	0	0	7	46	2.0	52.8	0	133
	Nass	0	23	19	43	0	16	101	4.4	99.4	0	265
	Skeena	32	15	0	38	0	16	101	4.3	204.0	0	436
	Tahltan	39	137	6	14	0	37	233	10.0	157.4	0	492
	Stikine	0	8	0	0	52	2	62	2.6	60.7	0	161
	Tuya	131	132	1,001	24	0	244	1,533	65.9	220.8	1,170	1,896
	Total	328	396	1,051	138	52	362	2,327				
7/09-7/15	Alaska I	258	128	0	35	0	5	425	14.3	134.4	204	646
Week 29	Alaska II	0	96	0	0	0	1	97	3.3	156.0	0	353
	Nass	0	72	66	0	0	2	140	4.7	142.6	0	374
	Skeena	0	0	28	0	0	0	28	1.0	159.8	0	291
	Tahltan	0	76	0	63	0	2	140	4.7	174.0	0	426
	Stikine	120	1,480	0	0	153	19	1,771	59.5	220.7	1,408	2,134
	Tuya	48	102	211	11	0	4	377	12.7	231.7	0	758
	Total	426	1,953	306	109	153	33	2,979				
7/16-7/22	Alaska I	218	67	252	84	0	2	623	28.4	116.2	432	814
Week 30	Alaska II	0	365	0	0	0	1	366	16.7	127.4	156	575
	Nass	18	46	0	14	0	0	78	3.6	93.7	0	232
	Skeena	11	77	0	0	0	0	88	4.0	136.7	0	313
	Tahltan	0	52	0	6	0	0	58	2.6	109.7	0	238
	Stikine	125	723	0	0	124	3	975	44.5	153.2	723	1,227
	Tuya	0	0	3	0	0	0	3	0.1	128.2	0	214
	Total	372	1,330	255	103	124	7	2,191				
7/23-9/23	Alaska I	108	112	78	56	0	2	356	16.6	115.0	167	545
Weeks 31-39	Alaska II	0	461	0	0	0	3	464	21.6	149.5	218	710
	Nass	29	115	48	0	0	1	193	9.0	112.3	8	377
	Skeena	37	247	0	325	0	4	612	28.6	208.5	269	955
	Tahltan	8	0	11	13	0	0	32	1.5	95.0	0	188
	Stikine	124	247	0	0	107	2	480	22.4	155.7	224	736
	Tuya	0	0	0	5	0	0	5	0.2	120.2	0	203
	Total	304	1,181	137	400	107	12	2,142				
	Alaska I	764	387	374	343	0	89	1,956	12.4	284	1,489	2,423
	Alaska II	0	1,220	0	0	0	51	1,271	8.0	300	777	1,764
Season	Nass	113	351	151	143	0	61	820	5.2	287	347	1,293
Totals	Skeena	107	531	126	363	0	71	1,198	7.6	469	428	1,969
	Tahltan	47	1,539	78	189	0	242	2,095	13.2	441	1,369	2,821
	Stikine	386	3,309	0	0	504	152	4,352	27.5	376	3,733	4,971
	Tuya	508	515	2,370	201	0	547	4,141	26.2	578	3,190	5,092
	Total	1,925	7,852	3,100	1,238	504	1,213	15,833				

[a] Percents may not sum to 100.

[b] The standard errors are minimum estimates since no estimates of the variance for stocks contributing 0 fish during a given week or for the 'other' age class are available. The 90% confidence intervals are affected in a like manner.

Appendix C32.–Estimated CPUE and migratory timing of sockeye salmon stocks in the Alaska District 108 drift gillnet fishery, 2000.

Stat	Days	Number	Boat	Stock Group							
Week	Open	Boats	Days	Alaska I	Alaska II	Nass	Skeena	Tahltan	Stikine	Tuya	Total
Catch per Boat Day											
26	2	18	36	1	2	1	1	15	8	8	37
27	2	37	74	3	3	4	5	15	10	26	66
28	2	19	38	7	1	3	3	6	2	40	61
29	3	21	63	7	2	2	0	2	28	6	47
30	3	16	48	13	8	2	2	1	20	0	46
31-39	23	154	347	1	1	1	2	0	1	0	6
Total				32	17	12	12	39	70	81	263
Migratory Timing: Prop of Stock-specific CPUE by week.											
26				0.046	0.114	0.060	0.071	0.379	0.120	0.104	0.140
27				0.104	0.185	0.330	0.376	0.376	0.147	0.321	0.250
28				0.205	0.073	0.230	0.219	0.156	0.023	0.500	0.233
29				0.210	0.092	0.192	0.037	0.056	0.401	0.074	0.180
30				0.403	0.456	0.141	0.152	0.030	0.290	0.001	0.174
31-39				0.032	0.080	0.048	0.145	0.002	0.020	0.000	0.023
Total				1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Appendix C33.–Estimated contributions of sockeye salmon stocks originating in Alaska and Canada to the Alaskan District 108 test drift gillnet fishery, 2000.

		Catch By Age Class								Standard	90% C.I. [b]	
Week & Mesh	Stock Group	1.2	1.3	2.2	2.3	0	Other	Total	Percent [a]	Error [b]	Lower	Upper
25 4.6	Alaska I	0	4	0	1	0	0	4	3.4	4.8	0	12
	Alaska II	0	6	0	0	0	0	6	4.8	5.8	0	15
	Nass	2	0	1	0	0	0	3	2.6	4.8	0	11
	Skeena	0	3	0	0	0	0	3	2.2	7.5	0	15
	Tahltan	0	46	0	3	0	0	50	41.7	12.4	29	70
	Stikine	8	21	0	0	4	0	33	27.6	7.6	20	45
	Tuya	1	0	5	6	0	9	21	17.6	15.1	0	46
	Total	11	79	6	10	4	9	119				
25 5.0	Alaska I	0	3	0	1	0	0	3	4.1	3.5	0	9
	Alaska II	0	4	0	0	0	0	4	5.3	4.2	0	11
	Nass	1	0	0	0	0	0	1	1.0	3.5	0	7
	Skeena	0	2	0	0	0	0	2	2.4	5.5	0	11
	Tahltan	0	32	0	4	0	0	37	45.3	9.1	22	52
	Stikine	3	16	0	0	8	0	27	33.2	5.8	17	36
	Tuya	0	1	1	3	0	2	7	8.6	10.8	0	25
	Total	4	58	1	8	8	2	81				
25 5.4	Alaska I	0	2	0	1	0	0	3	4.6	3.8	0	9
	Alaska II	0	3	0	0	0	0	3	4.5	2.9	0	8
	Nass	0	0	0	0	0	0	0	0.3	3.7	0	6
	Skeena	0	1	0	0	0	0	1	2.0	8.6	0	15
	Tahltan	0	22	0	7	0	1	29	44.7	6.9	18	40
	Stikine	1	10	0	0	0	0	12	17.7	3.8	5	18
	Tuya	1	2	0	8	0	6	17	26.2	8.0	4	30
	Total	2	40	0	16	0	7	65				
26 4.6	Alaska I	0	11	0	7	0	1	19	3.0	30.9	0	70
	Alaska II	0	18	0	0	0	1	19	3.0	20.6	0	53
	Nass	14	0	36	0	0	3	54	8.4	31.1	2	105
	Skeena	0	8	0	0	0	0	9	1.3	72.3	0	128
	Tahltan	0	141	0	40	0	12	193	30.2	51.1	109	277
	Stikine	55	67	0	0	18	4	144	22.6	27.3	99	189
	Tuya	18	36	51	80	0	15	200	31.4	58.3	104	296
	Total	87	282	87	127	18	36	637				
26 5.0	Alaska I	0	11	0	4	0	0	15	2.7	17.4	0	44
	Alaska II	0	18	0	0	0	1	18	3.3	18.6	0	49
	Nass	9	0	16	0	0	3	28	5.0	18.9	0	59
	Skeena	0	8	0	0	0	0	8	1.5	32.8	0	62
	Tahltan	0	146	6	24	0	18	195	35.4	40.1	129	260
	Stikine	33	65	0	0	10	3	111	20.2	24.0	72	151
	Tuya	6	6	70	10	0	83	175	31.8	50.0	93	257
	Total	48	254	92	38	10	108	550				
26 5.4	Alaska I	0	11	0	3	0	3	17	2.6	35.8	0	76
	Alaska II	0	18	0	0	0	2	20	3.0	24.3	0	60
	Nass	9	0	37	0	0	6	52	7.8	35.3	0	110
	Skeena	0	8	0	0	0	1	9	1.4	83.2	0	146
	Tahltan	0	154	0	33	0	21	207	31.0	59.2	110	304
	Stikine	36	67	0	0	12	9	124	18.6	30.9	73	175
	Tuya	8	73	36	114	0	8	239	35.7	66.2	130	348
	Total	53	332	73	150	12	49	669				
27 4.6	Alaska I	12	0	2	6	0	1	21	5.4	17.2	0	49
	Alaska II	0	13	0	0	0	0	14	3.6	12.4	0	34
	Nass	13	6	0	4	0	1	24	6.3	19.4	0	56
	Skeena	6	11	11	0	0	1	29	7.5	34.4	0	85
	Tahltan	2	67	7	12	0	1	90	23.4	28.3	43	136
	Stikine	0	43	0	0	4	1	47	12.4	16.3	21	74
	Tuya	29	47	38	38	0	7	159	41.5	36.8	99	219
	Total	62	188	58	60	4	11	383				

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Week & Mesh	Stock Group	Catch By Age Class 1.2	1.3	2.2	2.3	0	Other	Total	Percent [a]	Standard Error [b]	90% C.I. [b] Lower	Upper
27 5.0	Alaska I	33	0	6	37	0	1	77	9.3	35.4	18	135
	Alaska II	0	29	0	0	0	0	29	3.5	20.3	0	62
	Nass	37	14	0	23	0	1	74	9.0	36.7	14	135
	Skeena	16	24	32	0	0	1	73	8.8	71.7	0	191
	Tahltan	0	152	39	22	0	6	220	26.6	48.3	140	299
	Stikine	0	90	0	0	0	1	91	11.0	26.7	47	135
	Tuya	29	0	154	43	0	38	264	31.9	63.1	160	368
	Total	115	308	231	125	0	48	827				
27 5.4	Alaska I	11	0	3	20	0	1	36	5.9	20.3	2	69
	Alaska II	0	23	0	0	0	0	23	3.8	16.8	0	51
	Nass	12	11	0	12	0	1	37	6.0	22.0	1	73
	Skeena	5	19	19	0	0	2	45	7.4	40.6	0	112
	Tahltan	4	125	34	9	0	3	174	28.6	37.9	112	236
	Stikine	0	73	0	0	7	1	81	13.3	21.9	45	117
	Tuya	22	4	125	18	0	44	213	35.0	49.8	131	295
	Total	55	255	181	59	7	52	609				
28 4.6	Alaska I	26	17	11	0	0	3	58	20.4	18.8	27	89
	Alaska II	0	16	0	0	0	1	16	5.7	15.9	0	42
	Nass	0	9	9	1	0	1	21	7.2	19.2	0	52
	Skeena	7	6	0	1	0	1	14	5.0	27.9	0	60
	Tahltan	8	66	5	0	0	3	81	28.6	43.7	10	153
	Stikine	0	3	0	0	7	0	10	3.7	14.6	0	34
	Tuya	12	2	45	5	0	20	84	29.5	59.4	0	182
	Total	53	119	70	8	7	28	285				
28 5.0	Alaska I	22	23	13	0	0	2	60	18.4	22.4	23	97
	Alaska II	0	21	0	0	0	0	22	6.6	20.5	0	55
	Nass	0	12	10	1	0	1	24	7.5	23.8	0	64
	Skeena	6	8	0	1	0	0	15	4.5	34.0	0	71
	Tahltan	7	84	3	0	0	4	98	30.0	55.7	6	189
	Stikine	0	5	0	0	11	0	16	4.8	18.3	0	46
	Tuya	16	0	55	5	0	16	92	28.2	75.8	0	217
	Total	50	153	82	7	11	23	326				
28 5.4	Alaska I	3	10	3	1	0	1	18	13.5	28 5.4	18	18
	Alaska II	0	9	0	0	0	0	10	7.1	0.0	10	10
	Nass	0	6	3	3	0	0	12	8.9	0.0	12	12
	Skeena	1	4	0	3	0	0	7	5.5	0.0	7	7
	Tahltan	1	38	1	1	0	1	42	30.9	0.0	42	42
	Stikine	0	2	0	0	9	0	11	8.2	0.0	11	11
	Tuya	4	0	20	2	0	9	35	25.9	0.0	35	35
	Total	8	69	27	11	9	11	135				
	Alaska I	106	92	40	81	0	12	331	7.1	74	210	452
	Alaska II	0	179	0	0	0	5	184	3.9	54	95	273
Season	Nass	99	59	112	44	0	16	330	7.0	76	205	454
Total	Skeena	40	102	62	5	0	6	215	4.6	153	0	466
	Tahltan	22	1,072	94	157	0	68	1,414	30.2	133	1,196	1,632
	Stikine	135	462	0	0	90	20	707	15.1	66	598	816
	Tuya	146	171	600	332	0	257	1,506	32.1	167	1,232	1,780
	Total	548	2,137	908	619	90	384	4,686				

[a] Percents may not sum to 100.

[b] The standard errors are minimum estimates since no estimates of the variance for stocks contributing 0 fish during a given week or for the 'other' age class are available. The 90% confidence intervals are affected in a like manner.

APPENDIX D. HISTORICAL CATCH

Appendix D1.–Estimated stock proportions of sockeye salmon catches in the Alaskan Sub-district 106-30 gillnet fishery, 1985-2000. The Alaska I and Alaska II stock groups were combined in 1985 and the Nass and Skeena stock groups were combined prior to 1990. The last data in each column includes catches through the end of the season.

		Year With Dates of Statistical Week 25															
Stat.	Stock	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Week	Group	16-22	15-21	14-20	12-18	18-24	17-23	16-22	14-20	13-19	12-18	18-24	16-22	16-22	14-20	13-19	11-17
25	Alaska I	0.711	0.859	not	not	0.508	0.323	0.567	not	not	not	weeks	0.781	weeks	not	not	not
	Alaska II		0.042	open	open	0.147	0.375	0.000	open	open	open	25-26	0.000	25-27	open	open	open
	Nass	0.111	0.099			0.290	0.195	0.294				pooled	0.074	pooled			
	Skeena						0.091	0.013					0.091				
	Tahltan	0.176	0.000			0.023	0.015	0.106					0.032				
	Stikine	0.001	0.000			0.033	0.000	0.021					0.022				
	Tuya							0.000					0.000				
26	Alaska I	0.675	0.836	0.621	0.768	0.426	0.207	0.519	0.667	0.555	0.588	0.470	0.834	weeks	weeks	weeks	weeks
	Alaska II		0.072	0.239	0.193	0.218	0.435	0.037	0.000	0.121	0.021	0.000	0.000	25-27	26-27	26-28	26-27
	Nass	0.175	0.092	0.025	0.038	0.308	0.213	0.290	0.183	0.171	0.157	0.252	0.120	pooled	pooled	pooled	pooled
	Skeena						0.067	0.050	0.025	0.000	0.000	0.051	0.036				
	Tahltan	0.133	0.000	0.104	0.002	0.000	0.008	0.085	0.061	0.154	0.184	0.189	0.002				
	Stikine	0.017	0.000	0.011	0.000	0.049	0.071	0.019	0.064	0.000	0.050	0.038	0.007				
	Tuya							0.000	0.000	0.000	0.000	0.000	0.000				
27	Alaska I	0.647	0.824	0.518	0.818	0.260	0.178	0.492	0.396	0.474	0.601	0.323	0.768	0.593	0.533	weeks	0.667
	Alaska II		0.017	0.358	0.126	0.366	0.257	0.027	0.042	0.086	0.000	0.005	0.000	0.137	0.000	26-28	0.008
	Nass	0.279	0.157	0.123	0.028	0.306	0.420	0.288	0.230	0.037	0.123	0.247	0.135	0.028	0.115	pooled	0.139
	Skeena						0.119	0.020	0.116	0.050	0.018	0.105	0.089	0.085	0.022		0.055
	Tahltan	0.074	0.002	0.001	0.028	0.005	0.000	0.120	0.037	0.323	0.188	0.295	0.007	0.000	0.054		0.025
	Stikine	0.000	0.000	0.000	0.000	0.063	0.026	0.053	0.179	0.029	0.070	0.026	0.000	0.026	0.003		0.034
	Tuya							0.000	0.000	0.000	0.000	0.000	0.000	0.130	0.273		0.072
28	Alaska I	0.519	not	0.738	0.689	0.226	0.214	0.475	0.562	0.395	0.653	0.466	0.778	0.660	0.586	0.726	0.686
	Alaska II		open	0.114	0.239	0.337	0.219	0.110	0.011	0.132	0.000	0.010	0.000	0.121	0.106	0.010	0.000
	Nass	0.448		0.145	0.073	0.405	0.278	0.286	0.172	0.092	0.049	0.124	0.101	0.035	0.104	0.104	0.091
	Skeena						0.266	0.017	0.044	0.250	0.013	0.222	0.080	0.089	0.104	0.004	0.077
	Tahltan	0.002		0.001	0.000	0.006	0.007	0.089	0.045	0.113	0.223	0.107	0.022	0.000	0.007	0.036	0.000
	Stikine	0.031		0.003	0.000	0.026	0.015	0.022	0.166	0.019	0.063	0.070	0.019	0.026	0.004	0.032	0.031
	Tuya							0.000	0.000	0.000	0.000	0.000	0.000	0.068	0.089	0.088	0.114
29	Alaska I	0.344	0.798	0.670	0.399	0.122	0.123	0.504	0.690	0.467	0.814	0.338	0.674	0.502	0.557	0.765	0.763
	Alaska II		0.146	0.131	0.419	0.661	0.460	0.218	0.000	0.072	0.000	0.089	0.067	0.218	0.165	0.004	0.028
	Nass	0.384	0.056	0.121	0.134	0.210	0.155	0.134	0.047	0.115	0.044	0.073	0.163	0.087	0.046	0.079	0.099
	Skeena						0.259	0.060	0.053	0.276	0.045	0.320	0.054	0.115	0.192	0.000	0.073
	Tahltan	0.270	0.000	0.009	0.048	0.000	0.003	0.073	0.008	0.008	0.077	0.009	0.013	0.000	0.017	0.009	0.016
	Stikine	0.002	0.000	0.068	0.000	0.007	0.000	0.011	0.202	0.062	0.021	0.172	0.024	0.049	0.004	0.123	0.002
	Tuya							0.000	0.000	0.000	0.000	0.000	0.007	0.030	0.019	0.019	0.020
30	Alaska I	0.392	0.615	0.471	0.395	0.200	0.217	0.464	0.688	0.320	0.665	0.340	0.523	0.357	0.590	0.799	0.562
	Alaska II		0.238	0.422	0.499	0.495	0.449	0.345	0.105	0.114	0.143	0.104	0.164	0.325	0.167	0.012	0.050
	Nass	0.582	0.147	0.108	0.081	0.296	0.172	0.107	0.090	0.132	0.022	0.141	0.112	0.133	0.033	0.035	0.120
	Skeena						0.162	0.048	0.056	0.259	0.100	0.322	0.185	0.140	0.168	0.002	0.233
	Tahltan	0.000	0.000	0.000	0.025	0.000	0.000	0.024	0.010	0.012	0.058	0.031	0.004	0.000	0.014	0.024	0.002
	Stikine	0.026	0.000	0.000	0.000	0.008	0.000	0.011	0.051	0.163	0.012	0.062	0.011	0.034	0.008	0.128	0.024
	Tuya							0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.020	0.000	0.008
31	Alaska I	0.374	0.390	0.236	0.422	0.150	0.137	0.306	0.458	0.357	0.598	0.271	0.563	0.334	0.390	0.894	0.729
	Alaska II		0.401	0.570	0.568	0.476	0.530	0.435	0.189	0.090	0.067	0.044	0.098	0.246	0.367	0.022	0.013
	Nass	0.626	0.209	0.195	0.010	0.363	0.030	0.196	0.000	0.135	0.100	0.160	0.127	0.027	0.039	0.019	0.042
	Skeena						0.277	0.036	0.206	0.159	0.159	0.398	0.187	0.342	0.140	0.000	0.168
	Tahltan	0.000	0.000	0.000	0.000	0.000	0.000	0.026	0.011	0.009	0.063	0.027	0.015	0.000	0.005	0.024	0.002
	Stikine	0.000	0.000	0.000	0.000	0.011	0.025	0.000	0.137	0.251	0.014	0.099	0.010	0.051	0.002	0.014	0.029
	Tuya							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.058	0.027	0.017
32	Alaska I	0.703	0.364	0.257	0.400	0.143	0.183	0.401	0.463	0.289	0.514	0.285	0.376	0.389	0.383	0.789	0.706
	Alaska II		0.333	0.602	0.531	0.530	0.542	0.391	0.147	0.252	0.261	0.070	0.102	0.359	0.212	0.017	0.025
	Nass	0.285	0.292	0.141	0.069	0.319	0.036	0.179	0.000	0.151	0.046	0.061	0.144	0.000	0.108	0.057	0.066
	Skeena						0.217	0.006	0.162	0.156	0.170	0.556	0.374	0.117	0.280	0.029	0.197
	Tahltan	0.000	0.000	0.000	0.000	0.000	0.000	0.022	0.005	0.010	0.000	0.001	0.000	0.091	0.004	0.000	0.000
	Stikine	0.012	0.010	0.000	0.000	0.007	0.022	0.000	0.223	0.141	0.009	0.027	0.004	0.044	0.002	0.097	0.006
	Tuya							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.010	0.000

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		Year With Dates of Statistical Week 25															
Stat.	Stock	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Week	Group	16-22	15-21	14-20	12-18	18-24	17-23	16-22	14-20	13-19	12-18	18-24	16-22	16-22	14-20	13-19	11-17
33	Alaska I	0.499	0.352	0.518	0.498	0.179	0.199	0.365	0.517	0.213	0.507	0.281	0.450	0.490	0.460	0.632	0.682
	Alaska II		0.183	0.321	0.247	0.330	0.568	0.291	0.115	0.061	0.130	0.054	0.160	0.128	0.317	0.022	0.000
	Nass	0.488	0.465	0.133	0.254	0.483	0.049	0.172	0.000	0.000	0.079	0.061	0.117	0.000	0.074	0.130	0.027
	Skeena						0.182	0.132	0.241	0.522	0.266	0.530	0.266	0.337	0.124	0.047	0.287
	Tahltan	0.000	0.000	0.000	0.000	0.000	0.000	0.039	0.000	0.037	0.003	0.000	0.000	0.002	0.000	0.000	0.000
	Stikine	0.014	0.000	0.028	0.000	0.008	0.002	0.000	0.127	0.167	0.015	0.074	0.007	0.043	0.000	0.169	0.004
	Tuya							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.025	0.000	0.000
34	Alaska I	0.369	0.209	0.518	0.498	0.179	0.302	0.300	0.492	0.325	0.445	0.133	0.340	0.395	0.437	0.668	0.608
	Alaska II		0.147	0.321	0.247	0.330	0.338	0.218	0.058	0.047	0.170	0.042	0.128	0.038	0.350	0.010	0.000
	Nass	0.615	0.644	0.133	0.254	0.483	0.025	0.136	0.000	0.000	0.103	0.034	0.122	0.000	0.063	0.111	0.000
	Skeena						0.310	0.345	0.317	0.274	0.228	0.723	0.385	0.475	0.141	0.013	0.389
	Tahltan	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.091	0.052	0.000	0.000	0.003	0.000	0.001	0.000
	Stikine	0.016	0.000	0.028	0.000	0.008	0.025	0.002	0.133	0.264	0.002	0.068	0.025	0.088	0.005	0.194	0.003
	Tuya							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.004	0.000
35	Alaska I								0.422	0.281			0.414				
	Alaska II								0.076	0.047			0.077				
	Nass								0.000	0.000			0.123				
	Skeena								0.395	0.391			0.342				
	Tahltan								0.000	0.074			0.000				
	Stikine								0.107	0.207			0.043				
	Tuya								0.000	0.000			0.000				
Season	Alaska I	0.477	0.483	0.438	0.469	0.186	0.189	0.427	0.556	0.333	0.599	0.298	0.557	0.454	0.479	0.779	0.674
Totals	Alaska II	0.000	0.243	0.406	0.425	0.481	0.456	0.254	0.070	0.115	0.110	0.056	0.099	0.190	0.229	0.015	0.025
	Nass	0.453	0.272	0.140	0.084	0.317	0.124	0.191	0.098	0.097	0.071	0.111	0.129	0.043	0.065	0.062	0.090
	Skeena	0.000	0.000	0.000	0.000	0.000	0.216	0.065	0.112	0.258	0.134	0.418	0.194	0.228	0.171	0.011	0.161
	Tahltan	0.057	0.000	0.004	0.023	0.002	0.001	0.051	0.021	0.036	0.068	0.045	0.008	0.007	0.010	0.018	0.007
	Stikine	0.014	0.002	0.012	0.000	0.015	0.013	0.011	0.143	0.161	0.019	0.072	0.012	0.048	0.004	0.096	0.016
	Tuya							0.000	0.000	0.000	0.000	0.000	0.001	0.030	0.043	0.020	0.027

Appendix D2.–Estimated stock specific catches of sockeye salmon in the Alaskan Sub-district 106-30 gillnet fishery, 1985-2000. The Alaska I and Alaska II stock groups were combined in 1985 and the Nass and Skeena stock groups were combined prior to 1990. The last data in each column includes catches through the end of the season.

		Year With Dates of Statistical Week 25															
Stat.	Stock	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Week	Group	16-22	15-21	14-20	12-18	18-24	17-23	16-22	14-20	13-19	12-18	18-24	16-22	16-22	14-20	13-19	11-17
25	Alaska I	1,823	553	not	not	602	609	1,288	not	not	not	weeks	287	weeks	not	not	not
	Alaska II		27	open	open	175	709	0	open	open	open	25-26	0	25-27	open	open	open
	Nass	284	64			345	368	667				pooled	27	pooled			
	Skeena						172	30					33				
	Tahltan	451	0			27	28	240					12				
	Stikine	3	0			39	0	47					8				
	Tuya							0					0				
	Total	2,560	644			1,188	1,886	2,273					368				
26	Alaska I	6,907	537	810	430	754	357	1,529	1,149	450	782	637	1,096	weeks	weeks	weeks	weeks
	Alaska II		46	312	108	387	750	109	0	98	28	0	0	25-27	26-27	26-28	26-27
	Nass	1,791	59	33	21	546	368	856	314	139	208	342	158	pooled	pooled	pooled	pooled
	Skeena						116	147	44	0	0	69	47				
	Tahltan	1,361	0	136	1	0	14	252	104	125	246	257	3				
	Stikine	174	0	14	0	87	123	55	111	0	67	51	9				
	Tuya							0	0	0	0	0	0				
	Total	10,233	642	1,304	560	1,774	1,727	2,948	1,722	812	1,331	1,357	1,313				
27	Alaska I	4,876	3,539	1,512	2,258	650	540	1,207	2,885	702	1,296	1,914	3,377	3,821	1,000	weeks	1,280
	Alaska II		73	1,045	348	915	779	67	303	128	0	27	0	885	0	26-28	15
	Nass	2,103	674	359	77	765	1,273	708	1,676	55	266	1,461	595	183	216	pooled	267
	Skeena						361	48	843	74	39	622	392	548	40		106
	Tahltan	558	9	3	77	13	0	295	267	479	405	1,747	32	0	101		48
	Stikine	0	0	0	0	158	79	130	1,307	42	151	155	0	166	5		65
	Tuya							0	0	0	0	0	0	839	512		138
	Total	7,536	4,295	2,918	2,760	2,500	3,031	2,455	7,282	1,481	2,157	5,927	4,397	6,441	1,875		1,919
28	Alaska I	5,984	not	4,105	2,001	3,976	1,345	3,452	7,269	1,864	2,604	2,518	6,664	3,867	1,247	3,219	2,625
	Alaska II		open	635	695	5,929	1,376	803	137	623	0	57	0	710	226	46	0
	Nass	5,165		808	212	7,125	1,753	2,076	2,232	432	195	670	867	206	221	459	350
	Skeena						1,672	126	569	1,180	52	1,200	688	521	221	16	296
	Tahltan	23		6	0	106	44	646	588	532	889	580	188	0	16	161	0
	Stikine	357		17	0	457	94	163	2,146	90	250	380	160	153	9	142	120
	Tuya							0	0	0	0	0	0	399	190	388	436
	Total	11,530		5,570	2,909	17,593	6,284	7,266	12,942	4,721	3,990	5,404	8,567	5,856	2,129	4,433	3,827
29	Alaska I	3,640	6,303	5,720	3,909	2,428	1,097	4,391	4,748	4,231	4,907	2,060	9,004	3,272	2,872	1,502	6,809
	Alaska II		1,153	1,117	4,105	13,154	4,103	1,899	0	654	0	540	890	1,425	849	8	246
	Nass	4,063	442	1,032	1,313	4,179	1,383	1,169	327	1,047	265	448	2,181	566	238	156	886
	Skeena						2,310	525	367	2,503	268	1,949	718	747	992	0	652
	Tahltan	2,857	0	77	470	0	27	633	54	69	466	53	169	0	89	18	139
	Stikine	21	0	580	0	139	0	99	1,390	563	124	1,047	314	318	22	242	14
	Tuya							0	0	0	0	0	90	196	96	38	181
	Total	10,582	7,899	8,525	9,796	19,900	8,920	8,715	6,885	9,067	6,031	6,097	13,367	6,524	5,157	1,965	8,927
30	Alaska I	7,550	5,237	5,001	3,111	3,750	4,476	3,427	7,435	3,870	4,610	3,757	12,601	2,590	3,654	7,766	5,020
	Alaska II		2,027	4,490	3,930	9,301	9,261	2,549	1,133	1,377	993	1,155	3,956	2,359	1,033	114	447
	Nass	11,210	1,252	1,149	638	5,551	3,548	791	974	1,593	153	1,560	2,708	966	203	339	1,076
	Skeena						3,341	352	601	3,135	696	3,567	4,467	1,017	1,043	24	2,083
	Tahltan	0	0	0	197	0	0	178	111	150	401	338	96	0	84	234	18
	Stikine	501	0	0	0	150	0	85	550	1,967	81	689	256	246	50	1,246	213
	Tuya							0	0	0	0	0	0	78	125	0	72
	Total	19,261	8,515	10,640	7,875	18,752	20,625	7,381	10,804	12,093	6,934	11,066	24,085	7,256	6,193	9,722	8,928
31	Alaska I	6,349	5,592	3,013	1,330	1,646	2,328	2,737	2,821	5,371	8,792	3,362	6,172	3,015	2,671	5,433	2,167
	Alaska II		5,750	7,264	1,790	5,224	9,023	3,884	1,167	1,351	980	545	1,069	2,221	2,518	134	37
	Nass	10,626	2,997	2,489	32	3,984	510	1,751	0	2,023	1,466	1,989	1,397	239	264	116	125
	Skeena						4,707	325	1,268	2,389	2,338	4,937	2,048	3,090	961	0	501
	Tahltan	0	0	0	0	0	0	235	66	129	926	336	164	0	32	147	5
	Stikine	0	0	0	0	121	425	0	843	3,779	202	1,231	108	459	15	84	87
	Tuya							0	0	0	0	0	0	0	395	161	51
	Total	16,975	14,339	12,766	3,152	10,974	16,992	8,932	6,165	15,041	14,704	12,400	10,958	9,024	6,855	6,075	2,975

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		Year With Dates of Statistical Week 25																
Stat.	Stock	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Week	Group	16-22	15-21	14-20	12-18	18-24	17-23	16-22	14-20	13-19	12-18	18-24	16-22	16-22	14-20	13-19	11-17
32	Alaska I	2,675	3,666	3,072	2,162	939	1,878	2,351	2,014	3,996	4,995	3,272	6,183	1,269	2,594	3,315	1,503
	Alaska II		3,345	7,196	2,870	3,487	5,562	2,290	638	3,472	2,541	802	1,679	1,172	1,437	73	54
	Nass	1,084	2,933	1,685	373	2,095	369	1,050	0	2,086	448	702	2,362	0	729	239	140
	Skeena						2,227	38	704	2,155	1,652	6,396	6,152	381	1,898	121	419
	Tahltan	0	0	0	0	0	0	129	23	145	0	12	0	296	29	0	0
	Stikine	46	100	0	0	46	226	0	973	1,949	89	315	62	143	11	408	13
	Tuya							0	0	0	0	0	0	0	75	44	0
	Total	3,805	10,045	11,953	5,404	6,567	10,262	5,859	4,353	13,803	9,724	11,499	16,438	3,262	6,774	4,199	2,128
33	Alaska I	2,636	2,040	1,718	135	554	1,350	1,910	1,649	2,251	1,713	3,376	2,074	1,361	1,211	2,057	1,574
	Alaska II		1,061	1,064	67	1,022	3,854	1,524	366	647	441	655	735	356	834	73	0
	Nass	2,583	2,695	441	69	1,495	332	898	0	0	268	739	539	0	195	423	62
	Skeena						1,235	692	769	5,502	899	6,371	1,225	936	327	153	662
	Tahltan	0	0	0	0	0	0	204	0	387	10	0	0	5	0	0	0
	Stikine	74	0	93	0	25	14	0	403	1,764	50	886	34	119	0	549	10
	Tuya							0	0	0	0	0	0	0	66	0	0
	Total	5,294	5,796	3,316	270	3,096	6,785	5,228	3,187	10,551	3,381	12,027	4,606	2,778	2,633	3,255	2,308
34	Alaska I	1,890	1,732				1,320	1,108	637	1,774	2,344	1,037	522	3,440	1,208	1,243	730
	Alaska II		1,218				1,477	805	76	255	894	332	197	330	970	18	0
	Nass	3,151	5,337				109	501	0	0	541	262	188	0	176	207	0
	Skeena						1,355	1,273	410	1,494	1,204	5,643	590	4,138	391	24	467
	Tahltan	0	0				0	0	0	496	275	0	0	27	0	2	0
	Stikine	82	0				109	6	172	1,440	12	535	38	768	15	361	4
	Tuya							0	0	0	0	0	0	0	7	7	0
	Total	5,123	8,287				4,371	3,692	1,294	5,459	5,270	7,808	1,535	8,702	2,767	1,861	1,201
35	Alaska I								807	861			697				
	Alaska II								145	145			130				
	Nass								0	0			207				
	Skeena								756	1,200			576				
	Tahltan								0	226			0				
	Stikine								205	636			72				
	Tuya								0	0			0				
	Total								1,913	3,068			1,682				
Season	Alaska I	44,331	29,200	24,950	15,334	15,300	15,300	23,399	31,415	25,370	32,042	21,933	48,677	22,635	16,457	24,535	21,709
Totals	Alaska II		14,700	23,122	13,912	39,592	36,894	13,929	3,965	8,750	5,876	4,113	8,656	9,458	7,866	466	798
	Nass	42,061	16,453	7,996	2,734	26,084	10,013	10,467	5,523	7,375	3,810	8,173	11,230	2,159	2,241	1,938	2,905
	Skeena						17,495	3,557	6,330	19,631	7,149	30,754	16,937	11,379	5,874	338	5,186
	Tahltan	5,249	9	221	745	145	113	2,812	1,214	2,738	3,618	3,324	665	329	350	562	211
	Stikine	1,258	100	704	0	1,222	1,069	585	8,099	12,232	1,028	5,288	1,062	2,372	127	3,032	527
	Tuya							0	0	0	0	0	90	1,511	1,467	639	877
	Total	92,899	60,462	56,992	32,726	82,344	80,883	54,749	56,547	76,096	53,522	73,585	87,316	49,843	34,383	31,510	32,213

Appendix D3.–Estimated stock proportions of sockeye salmon catches in the Alaskan Sub-district 106-41 gillnet fishery, 1985-2000. The Alaska I and Alaska II stock groups were combined in 1985 and the Nass and Skeena stock groups were combined prior to 1990. The last data in each column includes catches through the end of the season.

		Year With Dates of Statistical Week 25															
Stat.	Stock	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Week	Group	16-22	15-21	14-20	12-18	18-24	17-23	16-22	14-20	13-19	12-18	18-24	16-22	16-22	14-20	13-19	11-17
25	Alaska I	0.773	0.853	not	not	0.183	0.185	0.246	not	not	not	0.185	0.261	0.493	not	not	not
	Alaska II		0.000	open	open	0.306	0.331	0.035	open	open	open	0.006	0.000	0.000	open	open	open
	Nass	0.124	0.147			0.419	0.321	0.316				0.216	0.097	0.181			
	Skeena						0.090	0.069				0.155	0.146	0.012			
	Tahltan	0.103	0.000			0.032	0.018	0.228				0.386	0.426	0.121			
	Stikine	0.000	0.000			0.060	0.055	0.105				0.052	0.024	0.013			
	Tuya							0.000				0.000	0.046	0.181			
26	Alaska I	not	0.829	0.751	0.823	0.377	0.087	0.163	0.255	0.311	0.288	0.193	0.091	0.296	0.227	0.372	0.554
	Alaska II	open	0.005	0.161	0.060	0.136	0.321	0.030	0.000	0.000	0.004	0.000	0.033	0.000	0.003	0.013	0.000
	Nass		0.146	0.075	0.031	0.302	0.462	0.320	0.176	0.181	0.129	0.205	0.073	0.310	0.138	0.078	0.094
	Skeena						0.082	0.073	0.070	0.000	0.079	0.119	0.011	0.051	0.098	0.000	0.017
	Tahltan		0.020	0.013	0.085	0.085	0.026	0.396	0.437	0.449	0.451	0.419	0.649	0.113	0.026	0.333	0.044
	Stikine		0.000	0.000	0.000	0.100	0.022	0.018	0.062	0.059	0.048	0.064	0.049	0.014	0.000	0.002	0.021
	Tuya							0.000	0.000	0.000	0.000	0.000	0.094	0.215	0.507	0.203	0.269
27	Alaska I	0.452	0.656	0.722	0.706	0.292	0.135	0.285	0.270	0.314	0.390	0.263	0.314	0.455	0.251	0.395	0.379
	Alaska II		0.041	0.133	0.132	0.203	0.309	0.000	0.025	0.000	0.000	0.036	0.000	0.000	0.011	0.013	0.016
	Nass	0.187	0.182	0.133	0.091	0.318	0.332	0.368	0.137	0.043	0.082	0.165	0.064	0.108	0.189	0.231	0.103
	Skeena						0.179	0.058	0.229	0.187	0.000	0.137	0.006	0.019	0.119	0.000	0.068
	Tahltan	0.347	0.090	0.013	0.071	0.027	0.025	0.254	0.178	0.403	0.488	0.385	0.416	0.213	0.127	0.144	0.089
	Stikine	0.013	0.032	0.000	0.000	0.160	0.020	0.035	0.162	0.053	0.040	0.014	0.061	0.021	0.015	0.011	0.033
	Tuya							0.000	0.000	0.000	0.000	0.000	0.139	0.184	0.289	0.205	0.312
28	Alaska I	0.449	not	0.425	0.663	0.119	0.214	0.354	0.538	0.287	0.387	0.265	0.422	0.516	0.344	0.599	0.569
	Alaska II		open	0.194	0.154	0.454	0.322	0.089	0.039	0.043	0.007	0.022	0.058	0.000	0.093	0.003	0.000
	Nass	0.306		0.327	0.132	0.381	0.151	0.307	0.167	0.116	0.095	0.076	0.097	0.098	0.188	0.132	0.117
	Skeena						0.279	0.133	0.044	0.147	0.098	0.469	0.019	0.075	0.289	0.002	0.068
	Tahltan	0.240		0.051	0.050	0.000	0.012	0.098	0.139	0.312	0.371	0.127	0.312	0.074	0.004	0.084	0.004
	Stikine	0.005		0.003	0.000	0.045	0.022	0.019	0.072	0.095	0.041	0.042	0.028	0.061	0.006	0.040	0.025
	Tuya							0.000	0.000	0.000	0.000	0.000	0.065	0.176	0.076	0.140	0.218
29	Alaska I	0.522	not	0.721	0.504	0.545	0.189	0.373	0.700	0.197	0.506	0.343	0.513	0.613	0.417	0.659	0.728
	Alaska II		open	0.152	0.393	0.258	0.464	0.110	0.075	0.000	0.032	0.126	0.111	0.062	0.212	0.015	0.027
	Nass	0.341		0.118	0.092	0.191	0.070	0.310	0.078	0.141	0.159	0.147	0.069	0.101	0.061	0.068	0.073
	Skeena						0.265	0.102	0.078	0.215	0.068	0.310	0.081	0.160	0.231	0.000	0.080
	Tahltan	0.129		0.008	0.011	0.000	0.008	0.012	0.031	0.160	0.177	0.027	0.159	0.017	0.007	0.074	0.042
	Stikine	0.008		0.000	0.000	0.005	0.005	0.093	0.038	0.287	0.059	0.047	0.057	0.027	0.012	0.054	0.036
	Tuya							0.000	0.000	0.000	0.000	0.000	0.010	0.021	0.060	0.130	0.014
30	Alaska I	0.503	0.419	0.514	0.389	0.211	0.283	0.332	0.603	0.396	0.539	0.228	0.578	0.441	0.576	0.671	0.687
	Alaska II		0.359	0.388	0.470	0.572	0.325	0.318	0.157	0.135	0.108	0.056	0.051	0.218	0.221	0.027	0.006
	Nass	0.468	0.217	0.074	0.136	0.212	0.115	0.148	0.092	0.148	0.021	0.099	0.206	0.147	0.050	0.044	0.091
	Skeena						0.267	0.068	0.083	0.155	0.155	0.510	0.076	0.116	0.104	0.000	0.160
	Tahltan	0.000	0.000	0.008	0.006	0.000	0.001	0.099	0.010	0.077	0.112	0.003	0.069	0.018	0.007	0.043	0.003
	Stikine	0.029	0.005	0.015	0.000	0.004	0.008	0.034	0.054	0.089	0.066	0.103	0.009	0.035	0.007	0.185	0.044
	Tuya							0.000	0.000	0.000	0.000	0.000	0.010	0.025	0.034	0.029	0.010
31	Alaska I	0.393	0.383	0.432	0.370	0.510	0.206	0.323	0.493	0.341	0.421	0.283	0.472	0.518	0.420	0.595	0.629
	Alaska II		0.342	0.446	0.583	0.168	0.418	0.314	0.139	0.031	0.075	0.075	0.060	0.152	0.227	0.033	0.019
	Nass	0.607	0.237	0.122	0.047	0.307	0.000	0.273	0.033	0.159	0.055	0.136	0.087	0.014	0.178	0.038	0.031
	Skeena						0.336	0.032	0.203	0.114	0.380	0.448	0.375	0.268	0.149	0.037	0.232
	Tahltan	0.000	0.037	0.000	0.000	0.000	0.000	0.000	0.016	0.045	0.019	0.005	0.000	0.002	0.003	0.004	0.000
	Stikine	0.000	0.001	0.000	0.000	0.015	0.039	0.058	0.116	0.310	0.051	0.053	0.006	0.045	0.010	0.288	0.055
	Tuya							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.014	0.004	0.034
32	Alaska I	0.535	0.382	0.299	0.532	0.143	0.233	0.299	0.579	0.358	0.587	0.171	0.493	0.718	0.449	0.643	0.578
	Alaska II		0.302	0.496	0.370	0.516	0.410	0.402	0.118	0.138	0.144	0.040	0.057	0.020	0.132	0.039	0.025
	Nass	0.465	0.317	0.205	0.089	0.330	0.022	0.245	0.000	0.195	0.054	0.073	0.074	0.000	0.157	0.119	0.039
	Skeena						0.287	0.021	0.198	0.118	0.154	0.611	0.353	0.241	0.246	0.014	0.338
	Tahltan	0.000	0.000	0.000	0.000	0.000	0.000	0.016	0.012	0.013	0.060	0.003	0.021	0.000	0.009	0.000	0.006
	Stikine	0.000	0.000	0.000	0.009	0.011	0.049	0.019	0.094	0.178	0.002	0.102	0.002	0.021	0.006	0.185	0.008
	Tuya							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.002	0.005

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		Year With Dates of Statistical Week 25															
Stat.	Stock	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Week	Group	16-22	15-21	14-20	12-18	18-24	17-23	16-22	14-20	13-19	12-18	18-24	16-22	16-22	14-20	13-19	11-17
33	Alaska I	0.356	0.239	0.511	0.348	0.162	0.269	0.348	0.458	0.256	0.416	0.192	0.437	0.570	0.423	0.718	0.644
	Alaska II		0.221	0.283	0.213	0.362	0.389	0.166	0.085	0.042	0.116	0.037	0.048	0.167	0.187	0.004	0.000
	Nass	0.629	0.532	0.207	0.440	0.463	0.035	0.270	0.000	0.000	0.081	0.078	0.113	0.000	0.189	0.105	0.079
	Skeena						0.303	0.162	0.196	0.457	0.336	0.629	0.357	0.237	0.196	0.010	0.273
	Tahltan	0.000	0.009	0.000	0.000	0.000	0.000	0.052	0.000	0.056	0.049	0.013	0.000	0.000	0.001	0.000	0.000
	Stikine	0.015	0.000	0.000	0.000	0.012	0.004	0.002	0.261	0.189	0.002	0.052	0.045	0.027	0.004	0.157	0.004
	Tuya							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.000
34	Alaska I	0.425	0.244	0.511	0.348	0.162	0.220	0.324	0.440	0.362	0.308	0.087	0.465	0.420	0.337	0.740	0.369
	Alaska II		0.188	0.283	0.213	0.362	0.361	0.138	0.005	0.006	0.118	0.084	0.009	0.025	0.213	0.012	0.000
	Nass	0.533	0.568	0.207	0.440	0.463	0.058	0.277	0.000	0.000	0.099	0.055	0.133	0.000	0.219	0.102	0.000
	Skeena						0.344	0.261	0.385	0.482	0.387	0.627	0.386	0.532	0.205	0.008	0.616
	Tahltan	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.069	0.083	0.000	0.000	0.000	0.001	0.000	0.000
	Stikine	0.042	0.000	0.000	0.000	0.012	0.016	0.000	0.170	0.081	0.005	0.147	0.007	0.024	0.002	0.129	0.015
	Tuya							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.022	0.008	0.000
35	Alaska I								0.349	0.269	0.330			0.517			0.582
	Alaska II								0.000	0.090	0.110			0.075			0.078
	Nass								0.000	0.000	0.117			0.000			0.000
	Skeena								0.505	0.460	0.361			0.382			0.333
	Tahltan								0.000	0.034	0.077			0.008			0.000
	Stikine								0.147	0.146	0.005			0.018			0.008
	Tuya								0.000	0.000	0.000			0.000			0.000
Season	Alaska I	0.480	0.422	0.524	0.506	0.317	0.217	0.306	0.500	0.312	0.456	0.228	0.419	0.475	0.395	0.595	0.590
Totals	Alaska II	0.000	0.240	0.292	0.365	0.339	0.362	0.152	0.078	0.054	0.070	0.050	0.052	0.053	0.151	0.021	0.013
	Nass	0.401	0.308	0.166	0.109	0.300	0.137	0.282	0.097	0.115	0.080	0.116	0.100	0.113	0.146	0.092	0.081
	Skeena	0.000	0.000	0.000	0.000	0.000	0.258	0.093	0.142	0.209	0.189	0.435	0.142	0.149	0.189	0.009	0.140
	Tahltan	0.109	0.024	0.014	0.019	0.009	0.008	0.129	0.088	0.133	0.163	0.099	0.214	0.078	0.017	0.074	0.028
	Stikine	0.010	0.006	0.003	0.001	0.036	0.018	0.039	0.096	0.177	0.042	0.071	0.031	0.029	0.007	0.132	0.033
	Tuya							0.000	0.000	0.000	0.000	0.000	0.042	0.104	0.095	0.078	0.115

Appendix D4.–Estimated stock specific catch of sockeye salmon in the Alaskan Sub-district 106-41 gillnet fishery, 1985-2000. The Alaska I and Alaska II stock groups were combined in 1985 and the Nass and Skeena stock groups were combined prior to 1990. The last data in each column includes catches through the end of the season.

		Year With Dates of Statistical Week 25															
Stat.	Stock	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Week	Group	16-22	15-21	14-20	12-18	18-24	17-23	16-22	14-20	13-19	12-18	18-24	16-22	16-22	14-20	13-19	11-17
25	Alaska I	7,454	1,660	not	not	924	583	1,088	not	not	not	1,180	728	1,496	not	not	not
	Alaska II		0	open	open	1,545	1,043	155	open	open	open	36	0	0	open	open	open
	Nass	1,196	286			2,116	1,011	1,399				1,374	269	549			
	Skeena						284	307				988	406	36			
	Tahltan	993	0			162	57	1,010				2,452	1,186	367			
	Stikine	0	0			303	173	465				329	67	39			
	Tuya							0				0	129	549			
	Total	9,643	1,946			5,049	3,151	4,424				6,359	2,785	3,037			
26	Alaska I	not	2,526	2,888	1,395	2,621	397	2,161	1,646	989	1,091	2,170	2,376	5,735	1,511	2,522	1,653
	Alaska II	open	15	619	102	946	1,466	394	0	0	17	0	859	0	20	87	0
	Nass		445	288	52	2,100	2,110	4,253	1,136	576	491	2,303	1,910	6,005	919	530	280
	Skeena						374	976	449	0	300	1,336	279	994	655	0	52
	Tahltan		61	50	144	591	119	5,261	2,821	1,427	1,713	4,708	16,953	2,181	175	2,257	132
	Stikine		0	0	0	695	100	237	398	188	182	716	1,282	273	0	13	63
	Tuya							0	0	0	0	0	2,446	4,160	3,378	1,376	803
	Total		3,047	3,845	1,693	6,953	4,567	13,281	6,451	3,180	3,794	11,232	26,105	19,348	6,659	6,785	2,982
27	Alaska I	9,446	8,576	5,418	4,064	2,161	1,308	2,233	8,085	3,963	4,751	2,148	9,116	11,012	1,602	3,340	4,067
	Alaska II		537	999	760	1,503	2,995	0	736	0	0	293	0	0	71	112	174
	Nass	3,899	2,383	999	524	2,354	3,217	2,881	4,102	547	1,004	1,352	1,856	2,617	1,205	1,952	1,108
	Skeena						1,735	455	6,858	2,355	0	1,118	177	463	759	0	728
	Tahltan	7,236	1,178	98	409	200	242	1,986	5,346	5,078	5,954	3,154	12,069	5,168	809	1,220	952
	Stikine	271	419	0	0	1,184	194	277	4,851	671	483	119	1,771	499	94	92	354
	Tuya							0	0	0	0	0	4,039	4,469	1,845	1,732	3,343
	Total	20,852	13,093	7,514	5,756	7,402	9,691	7,832	29,978	12,614	12,192	8,184	29,029	24,228	6,386	8,448	10,726
28	Alaska I	11,706	not	6,449	3,904	2,835	4,122	5,363	12,651	3,778	7,417	4,563	12,688	7,702	4,538	3,826	5,218
	Alaska II		open	2,944	905	10,840	6,202	1,349	921	568	144	376	1,734	0	1,229	19	0
	Nass	7,978		4,962	776	9,077	2,909	4,655	3,926	1,525	1,828	1,315	2,932	1,466	2,481	843	1,076
	Skeena						5,374	2,008	1,042	1,942	1,882	8,086	564	1,125	3,817	14	619
	Tahltan	6,257		774	294	0	231	1,484	3,271	4,110	7,095	2,192	9,389	1,102	57	539	34
	Stikine	130		46	0	1,072	424	283	1,685	1,249	784	716	830	917	77	254	228
	Tuya							0	0	0	0	0	1,960	2,623	999	892	1,996
	Total	26,071		15,175	5,879	23,825	19,262	15,143	23,497	13,172	19,150	17,248	30,096	14,936	13,199	6,387	9,171
29	Alaska I	17,392	not	9,935	7,521	11,289	3,423	4,444	18,480	3,459	13,534	4,155	17,063	6,547	4,416	6,073	7,502
	Alaska II		open	2,092	5,864	5,334	8,386	1,314	1,975	0	846	1,523	3,703	660	2,241	141	274
	Nass	11,361		1,624	1,373	3,949	1,268	3,687	2,067	2,472	4,243	1,777	2,294	1,078	641	624	754
	Skeena						4,800	1,220	2,063	3,775	1,807	3,754	2,686	1,705	2,448	0	828
	Tahltan	4,298		110	164	0	145	138	805	2,810	4,726	327	5,289	178	74	681	435
	Stikine	267		0	0	103	91	1,102	1,006	5,032	1,590	572	1,912	286	125	498	368
	Tuya							0	0	0	0	0	340	225	633	1,193	146
	Total	33,318		13,761	14,922	20,675	18,113	11,905	26,397	17,549	26,745	12,108	33,287	10,679	10,578	9,211	10,307
30	Alaska I	13,937	5,308	7,226	4,022	3,338	8,562	4,315	14,810	5,523	16,598	6,505	19,061	4,708	5,869	10,005	6,625
	Alaska II		4,548	5,444	4,849	9,064	9,863	4,128	3,852	1,886	3,317	1,612	1,691	2,328	2,256	408	55
	Nass	12,967	2,749	1,038	1,406	3,354	3,479	1,923	2,260	2,059	638	2,842	6,786	1,566	506	649	874
	Skeena						8,078	883	2,040	2,165	4,769	14,570	2,516	1,244	1,061	0	1,538
	Tahltan	0	0	112	62	0	30	1,289	246	1,079	3,452	95	2,274	193	71	645	26
	Stikine	804	63	210	0	63	242	446	1,337	1,235	2,026	2,942	302	379	76	2,764	422
	Tuya							0	0	0	0	0	330	270	350	431	96
	Total	27,708	12,669	14,031	10,340	15,819	30,256	12,984	24,546	13,947	30,800	28,565	32,960	10,686	10,189	14,902	9,636
31	Alaska I	13,156	7,371	4,420	3,289	9,149	2,101	3,258	9,750	7,920	12,536	4,417	13,454	4,521	5,229	7,501	4,919
	Alaska II		6,582	4,563	5,183	3,014	4,273	3,164	2,744	716	2,229	1,168	1,718	1,328	2,821	421	149
	Nass	20,319	4,561	1,248	418	5,507	0	2,747	657	3,700	1,625	2,132	2,471	126	2,213	484	241
	Skeena						3,426	319	4,021	2,645	11,290	7,007	10,686	2,341	1,849	465	1,817
	Tahltan	0	712	0	0	0	0	0	313	1,041	565	71	0	18	31	53	0
	Stikine	0	19	0	0	269	398	583	2,305	7,210	1,503	835	182	392	118	3,636	428
	Tuya							0	0	0	0	0	0	0	177	54	266
	Total	33,475	19,246	10,232	8,890	17,939	10,197	10,071	19,790	23,232	29,747	15,630	28,510	8,726	12,439	12,615	7,820

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		Year With Dates of Statistical Week 25															
Stat.	Stock	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Week	Group	16-22	15-21	14-20	12-18	18-24	17-23	16-22	14-20	13-19	12-18	18-24	16-22	16-22	14-20	13-19	11-17
32	Alaska I	5,165	5,629	3,311	3,726	575	988	1,196	4,205	7,441	8,068	2,291	10,722	3,951	3,901	4,441	1,844
	Alaska II		4,462	5,493	2,591	2,073	1,734	1,608	857	2,856	1,983	531	1,237	111	1,142	267	80
	Nass	4,489	4,683	2,270	623	1,326	93	979	0	4,049	740	974	1,603	0	1,367	819	123
	Skeena						1,217	84	1,440	2,449	2,114	8,163	7,688	1,328	2,136	95	1,078
	Tahltan	0	0	0	0	0	0	63	85	265	824	39	462	0	78	0	20
	Stikine	0	0	0	63	44	208	74	679	3,704	26	1,365	38	114	51	1,277	27
	Tuya							0	0	0	0	0	0	0	8	10	17
	Total	9,654	14,774	11,075	7,004	4,018	4,240	4,004	7,266	20,763	13,755	13,363	21,750	5,504	8,683	6,910	3,189
33	Alaska I	2,647	3,362	1,756	800	717	692	1,727	1,801	3,088	4,667	2,257	4,529	4,028	2,219	2,806	1,803
	Alaska II		3,109	975	490	1,603	1,001	825	335	505	1,306	435	498	1,179	981	16	0
	Nass	4,676	7,469	713	1,010	2,054	90	1,341	0	0	909	919	1,167	0	994	412	222
	Skeena						780	807	773	5,508	3,775	7,397	3,702	1,673	1,027	39	764
	Tahltan	0	127	0	0	0	0	259	0	677	551	153	0	0	6	0	0
	Stikine	112	0	0	0	53	10	10	1,027	2,284	22	606	467	190	20	613	11
	Tuya							0	0	0	0	0	0	0	1	22	0
	Total	7,434	14,066	3,444	2,300	4,427	2,573	4,969	3,937	12,061	11,230	11,768	10,363	7,071	5,249	3,909	2,800
34	Alaska I	1,672	1,563				632	1,537	823	3,153	1,581	772	3,653	3,514	1,913	3,079	199
	Alaska II		1,204				1,040	655	10	54	605	741	73	208	1,208	51	0
	Nass	2,096	3,639				167	1,313	0	0	509	487	1,044	0	1,242	425	0
	Skeena						988	1,238	720	4,203	1,984	5,548	3,036	4,453	1,164	33	333
	Tahltan	0	0				0	0	0	604	424	0	0	0	8	0	0
	Stikine	165	0				46	0	319	705	27	1,304	56	199	11	536	8
	Tuya							0	0	0	0	0	0	0	124	35	0
	Total	3,933	6,406				2,872	4,743	1,872	8,719	5,129	8,852	7,862	8,374	5,670	4,158	540
35	Alaska I								1,003	1,243	1,646			3,145			175
	Alaska II								0	416	547			459			23
	Nass								0	0	584			0			0
	Skeena								1,450	2,128	1,800			2,326			100
	Tahltan								0	158	383			46			0
	Stikine								421	677	24			110			2
	Tuya								0	0	0			0			0
	Total								2,874	4,622	4,984			6,086			301
36	Alaska I																156
	Alaska II																0
	Nass																0
	Skeena																231
	Tahltan																0
	Stikine																4
	Tuya																0
	Total																391
Season	Alaska I	82,574	35,995	41,404	28,721	33,609	22,809	27,322	73,254	40,557	71,889	30,459	93,390	56,358	31,199	43,594	34,162
Totals	Alaska II		20,457	23,129	20,745	35,922	38,003	13,591	11,431	7,000	10,993	6,714	11,514	6,274	11,970	1,523	755
	Nass	68,982	26,215	13,144	6,182	31,836	14,345	25,178	14,150	14,928	12,570	15,476	22,332	13,407	11,569	6,738	4,678
	Skeena						27,056	8,296	20,856	27,170	29,720	57,967	31,739	17,690	14,916	645	8,088
	Tahltan	18,784	2,078	1,144	1,073	952	824	11,491	12,888	17,249	25,687	13,190	47,623	9,252	1,311	5,396	1,600
	Stikine	1,748	502	256	63	3,788	1,886	3,477	14,029	22,956	6,667	9,503	6,907	3,397	571	9,683	1,914
	Tuya							0	0	0	0	0	9,244	12,296	7,516	5,746	6,666
	Total	172,088	85,247	79,077	56,784	106,107	104,922	89,356	146,608	129,859	157,526	133,309	222,747	118,675	79,052	73,325	57,863

Appendix D5.–Estimated proportions of sockeye salmon in the Alaskan District 106 gillnet fishery, 1983-2000. The Alaska I and Alaska II stock groups were combined prior to 1986 and the Nass and Skeena stock groups were combined prior to 1990. The last data in each column includes catches trough the end of the season. Sub-district 106-30 was open but 106-41 was not during weeks 25-28 in 1984, week 26 in 1985, and week 29 in 1986.

		Year With Dates of Statistical Week 25																	
Stat.	Stock	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Week	Group	12-18	17-23	16-22	15-21	14-20	12-18	18-24	17-23	16-22	14-20	13-19	12-18	18-24	16-22	16-22	14-20	13-19	11-17
25	Alaska I	not	0.809	0.760	0.854	not	not	0.245	0.237	0.355	not	not	not	weeks	0.322	weeks	not	not	not
	Alaska II	open	0.000	0.000	0.010	open	open	0.276	0.348	0.023	open	open	open	25-26	0.000	25-27	open	open	open
	Nass		0.119	0.121	0.135			0.394	0.274	0.309				pooled	0.094	pooled			
	Skeena								0.090	0.050					0.139				
	Tahltan		0.066	0.118	0.000			0.030	0.017	0.187					0.380				
	Stikine		0.005	0.000	0.000			0.055	0.034	0.076					0.024				
	Tuya									0.000					0.041				
26	Alaska I	0.590	0.723	0.675	0.830	0.718	0.810	0.387	0.120	0.227	0.342	0.361	0.366	0.210	0.127	weeks	weeks	weeks	weeks
	Alaska II	0.000	0.000	0.000	0.017	0.181	0.093	0.153	0.352	0.031	0.000	0.025	0.009	0.002	0.031	25-27	26-27	26-28	26-27
	Nass	0.296	0.152	0.175	0.137	0.062	0.033	0.303	0.394	0.315	0.178	0.179	0.136	0.212	0.075	pooled	pooled	pooled	pooled
	Skeena								0.078	0.069	0.060	0.000	0.059	0.126	0.012				
	Tahltan	0.095	0.076	0.133	0.017	0.036	0.064	0.068	0.021	0.340	0.358	0.389	0.382	0.391	0.618				
	Stikine	0.019	0.049	0.017	0.000	0.003	0.000	0.090	0.035	0.018	0.062	0.047	0.049	0.058	0.047				
	Tuya									0.000	0.000	0.000	0.000	0.000	0.089				
27	Alaska I	0.572	0.710	0.505	0.697	0.664	0.742	0.284	0.145	0.334	0.294	0.331	0.421	0.288	0.374	0.416	0.276	weeks	0.448
	Alaska II	0.000	0.000	0.000	0.035	0.196	0.130	0.244	0.297	0.007	0.028	0.009	0.000	0.023	0.000	0.017	0.006	26-28	0.012
	Nass	0.233	0.140	0.211	0.176	0.130	0.071	0.315	0.353	0.349	0.155	0.043	0.089	0.199	0.073	0.176	0.157	pooled	0.106
	Skeena								0.165	0.049	0.207	0.172	0.003	0.123	0.017	0.038	0.097		0.057
	Tahltan	0.188	0.109	0.275	0.068	0.010	0.057	0.021	0.019	0.222	0.151	0.394	0.443	0.347	0.362	0.145	0.073		0.072
	Stikine	0.007	0.040	0.010	0.024	0.000	0.000	0.136	0.021	0.040	0.165	0.051	0.044	0.019	0.053	0.018	0.007		0.031
	Tuya									0.000	0.000	0.000	0.000	0.000	0.121	0.189	0.384		0.274
28	Alaska I	0.722	0.648	0.470	not	0.509	0.672	0.164	0.214	0.393	0.547	0.315	0.433	0.313	0.501	0.556	0.377	0.495	0.603
	Alaska II	0.000	0.000	0.000	open	0.173	0.182	0.405	0.297	0.096	0.029	0.067	0.006	0.019	0.045	0.034	0.095	0.010	0.000
	Nass	0.150	0.241	0.350		0.278	0.112	0.391	0.182	0.300	0.169	0.109	0.087	0.088	0.098	0.080	0.176	0.145	0.110
	Skeena								0.276	0.095	0.044	0.174	0.084	0.410	0.032	0.079	0.263	0.001	0.070
	Tahltan	0.121	0.107	0.167		0.038	0.033	0.003	0.011	0.095	0.106	0.259	0.345	0.122	0.248	0.053	0.005	0.160	0.003
	Stikine	0.007	0.005	0.013		0.003	0.000	0.037	0.020	0.020	0.105	0.075	0.045	0.048	0.026	0.051	0.006	0.019	0.027
	Tuya									0.000	0.000	0.000	0.000	0.000	0.051	0.145	0.078	0.168	0.187
29	Alaska I	0.802	0.694	0.479	0.798	0.702	0.462	0.338	0.167	0.428	0.698	0.289	0.563	0.341	0.559	0.571	0.463	0.678	0.744
	Alaska II	0.000	0.000	0.000	0.146	0.144	0.403	0.456	0.462	0.156	0.059	0.025	0.026	0.113	0.098	0.121	0.196	0.013	0.027
	Nass	0.059	0.163	0.351	0.056	0.119	0.109	0.200	0.098	0.235	0.072	0.132	0.138	0.122	0.096	0.096	0.056	0.070	0.085
	Skeena								0.263	0.085	0.073	0.236	0.063	0.313	0.073	0.143	0.219	0.000	0.077
	Tahltan	0.083	0.016	0.163	0.000	0.008	0.026	0.000	0.006	0.037	0.026	0.108	0.158	0.021	0.117	0.010	0.010	0.063	0.030
	Stikine	0.056	0.126	0.007	0.000	0.026	0.000	0.006	0.003	0.058	0.072	0.210	0.052	0.089	0.048	0.035	0.009	0.066	0.020
	Tuya									0.000	0.000	0.000	0.000	0.000	0.009	0.024	0.046	0.110	0.017
30	Alaska I	0.747	0.672	0.457	0.498	0.496	0.392	0.205	0.256	0.380	0.629	0.361	0.562	0.259	0.555	0.407	0.581	0.722	0.627
	Alaska II	0.000	0.000	0.000	0.310	0.403	0.482	0.531	0.376	0.328	0.141	0.125	0.114	0.070	0.099	0.261	0.201	0.021	0.027
	Nass	0.117	0.310	0.515	0.189	0.089	0.112	0.258	0.138	0.133	0.091	0.140	0.021	0.111	0.166	0.141	0.043	0.040	0.105
	Skeena								0.224	0.061	0.075	0.204	0.145	0.458	0.122	0.126	0.128	0.001	0.195
	Tahltan	0.131	0.000	0.000	0.000	0.005	0.014	0.000	0.001	0.072	0.010	0.047	0.102	0.011	0.042	0.011	0.009	0.036	0.002
	Stikine	0.005	0.019	0.028	0.003	0.009	0.000	0.006	0.005	0.026	0.053	0.123	0.056	0.092	0.010	0.035	0.008	0.163	0.034
	Tuya									0.000	0.000	0.000	0.000	0.000	0.006	0.019	0.029	0.018	0.009
31	Alaska I	0.578	0.543	0.387	0.386	0.323	0.384	0.373	0.163	0.315	0.484	0.347	0.480	0.278	0.497	0.425	0.409	0.692	0.656
	Alaska II	0.000	0.000	0.000	0.367	0.514	0.579	0.285	0.489	0.371	0.151	0.054	0.072	0.061	0.071	0.200	0.277	0.030	0.017
	Nass	0.405	0.431	0.613	0.225	0.163	0.037	0.328	0.019	0.237	0.025	0.150	0.070	0.147	0.098	0.021	0.128	0.032	0.034
	Skeena								0.299	0.034	0.204	0.132	0.307	0.426	0.323	0.306	0.146	0.025	0.215
	Tahltan	0.017	0.000	0.000	0.021	0.000	0.000	0.000	0.000	0.012	0.015	0.031	0.034	0.015	0.004	0.001	0.003	0.011	0.001
	Stikine	0.000	0.026	0.000	0.001	0.000	0.000	0.013	0.030	0.031	0.121	0.287	0.038	0.074	0.007	0.048	0.007	0.199	0.048
	Tuya									0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.030	0.012	0.029
32	Alaska I	0.628	0.701	0.582	0.375	0.277	0.475	0.143	0.198	0.360	0.535	0.331	0.556	0.224	0.443	0.596	0.420	0.698	0.630
	Alaska II	0.000	0.000	0.000	0.315	0.551	0.440	0.525	0.503	0.395	0.129	0.183	0.193	0.054	0.076	0.146	0.167	0.031	0.025
	Nass	0.254	0.283	0.414	0.307	0.172	0.080	0.323	0.032	0.206	0.000	0.177	0.051	0.067	0.104	0.000	0.136	0.095	0.049
	Skeena								0.237	0.012	0.185	0.133	0.160	0.586	0.362	0.195	0.261	0.019	0.281
	Tahltan	0.092	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.019	0.009	0.012	0.035	0.002	0.012	0.034	0.007	0.000	0.004
	Stikine	0.026	0.017	0.003	0.004	0.000	0.005	0.009	0.030	0.008	0.142	0.164	0.005	0.068	0.003	0.029	0.004	0.152	0.008
	Tuya									0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.005	0.003

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		Year With Dates of Statistical Week 25																	
Stat.	Stock	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Week	Group	12-18	17-23	16-22	15-21	14-20	12-18	18-24	17-23	16-22	14-20	13-19	12-18	18-24	16-22	16-22	14-20	13-19	11-17
33	Alaska I	0.617	0.602	0.415	0.272	0.514	0.364	0.169	0.218	0.357	0.484	0.236	0.437	0.237	0.441	0.547	0.435	0.679	0.661
	Alaska II	0.000	0.000	0.000	0.210	0.302	0.217	0.349	0.519	0.230	0.098	0.051	0.120	0.046	0.082	0.156	0.230	0.012	0.000
	Nass	0.301	0.359	0.570	0.512	0.171	0.420	0.472	0.045	0.220	0.000	0.000	0.081	0.070	0.114	0.000	0.151	0.117	0.056
	Skeena								0.215	0.147	0.216	0.487	0.320	0.579	0.329	0.265	0.172	0.027	0.279
	Tahltan	0.053	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.045	0.000	0.047	0.038	0.006	0.000	0.001	0.001	0.000	0.000
	Stikine	0.029	0.040	0.015	0.000	0.014	0.000	0.010	0.003	0.001	0.201	0.179	0.005	0.063	0.033	0.031	0.002	0.162	0.004
	Tuya									0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.003	0.000
34	Alaska I	0.729	0.606	0.393	0.224				0.269	0.314	0.461	0.348	0.377	0.109	0.444	0.407	0.370	0.718	0.534
	Alaska II	0.000	0.000	0.000	0.165				0.348	0.173	0.027	0.022	0.144	0.064	0.029	0.032	0.258	0.011	0.000
	Nass	0.219	0.359	0.579	0.611				0.038	0.215	0.000	0.000	0.101	0.045	0.131	0.000	0.168	0.105	0.000
	Skeena	0.000	0.000	0.000	0.000				0.323	0.298	0.357	0.402	0.307	0.672	0.386	0.503	0.184	0.009	0.459
	Tahltan	0.043	0.000	0.000	0.000				0.000	0.000	0.000	0.078	0.067	0.000	0.000	0.002	0.001	0.000	0.000
	Stikine	0.009	0.035	0.027	0.000				0.021	0.001	0.155	0.151	0.004	0.110	0.010	0.057	0.003	0.149	0.007
	Tuya									0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.016	0.007	0.000
35	Alaska I										0.378	0.274	0.330		0.414	0.517			0.582
	Alaska II										0.030	0.073	0.110		0.077	0.075			0.078
	Nass										0.000	0.000	0.117		0.123	0.000			0.000
	Skeena										0.461	0.433	0.361		0.342	0.382			0.333
	Tahltan										0.000	0.050	0.077		0.000	0.008			0.000
	Stikine										0.131	0.171	0.005		0.043	0.018			0.008
	Tuya										0.000	0.000	0.000		0.000	0.000			0.000
36	Alaska I																		0.399
	Alaska II																		0.000
	Nass																		0.000
	Skeena																		0.592
	Tahltan																		0.000
	Stikine																		0.010
	Tuya																		0.000
Season	Alaska I	0.668	0.658	0.479	0.447	0.488	0.492	0.260	0.205	0.352	0.515	0.320	0.492	0.253	0.458	0.469	0.420	0.650	0.620
Totals	Alaska II	0.000	0.000	0.000	0.241	0.340	0.387	0.401	0.403	0.191	0.076	0.076	0.080	0.052	0.065	0.093	0.175	0.019	0.017
	Nass	0.217	0.269	0.419	0.293	0.155	0.100	0.307	0.131	0.247	0.097	0.108	0.078	0.114	0.108	0.092	0.122	0.083	0.084
	Skeena	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.240	0.082	0.134	0.227	0.175	0.429	0.157	0.173	0.183	0.009	0.147
	Tahltan	0.103	0.029	0.091	0.014	0.010	0.020	0.006	0.005	0.099	0.069	0.097	0.139	0.080	0.156	0.057	0.015	0.057	0.020
	Stikine	0.013	0.045	0.011	0.004	0.007	0.001	0.027	0.016	0.028	0.109	0.171	0.036	0.071	0.026	0.034	0.006	0.121	0.027
	Tuya	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.030	0.082	0.079	0.061	0.084

Appendix D6.–Estimated stock specific catch of sockeye salmon in the Alaskan District 106 gillnet fishery, 1983-2000. The Alaska I and Alaska II stock groups were combined prior to 1986 and the Nass and Skeena stock groups were combined prior to 1990. The last data in each column includes catches trough the end of the season. Sub-district 106-30 was open but 106-41 was not during weeks 25-28 in 1984, week 26 in 1985, and week 29 in 1986.

		Year With Dates of Statistical Week 25																	
Stat.	Stock	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Week	Group	12-18	17-23	16-22	15-21	14-20	12-18	18-24	17-23	16-22	14-20	13-19	12-18	18-24	16-22	16-22	14-20	13-19	11-17
25	Alaska I	not	1,364	9,277	2,213	not	not	1,526	1,192	2,376	not	not	not	weeks	1,015	weeks	not	not	not
	Alaska II	open		0	27	open	open	1,720	1,752	155	open	open	open	25-26	0	25-27	open	open	open
	Nass		201	1,480	350			2,460	1,379	2,067				pooled	297	pooled			
	Skeena								455	337					439				
	Tahltan		112	1,444	0			189	85	1,251					1,198				
	Stikine		8	3	0			342	173	512					75				
	Tuya									0					129				
	Total		1,685	12,203	2,590			6,237	5,037	6,697					3,153				
26	Alaska I	3,158	2,671	6,907	3,063	3,697	1,825	3,375	755	3,690	2,796	1,439	1,874	3,987	3,471	weeks	weeks	weeks	weeks
	Alaska II			0	61	931	210	1,332	2,216	502	0	98	44	36	859	25-27	26-27	26-28	26-27
	Nass	1,584	562	1,791	504	321	74	2,646	2,478	5,109	1,451	715	699	4,019	2,068	pooled	pooled	pooled	pooled
	Skeena								490	1,123	493	0	300	2,394	326				
	Tahltan	509	280	1,361	61	186	145	591	133	5,513	2,925	1,552	1,958	7,417	16,956				
	Stikine	102	180	174	0	14	0	782	223	292	509	188	249	1,095	1,292				
	Tuya									0	0	0	0	0	2,446				
	Total	5,353	3,693	10,233	3,689	5,149	2,253	8,727	6,294	16,229	8,173	3,992	5,125	18,948	27,418				
27	Alaska I	4,039	5,475	14,322	12,115	6,929	6,321	2,811	1,848	3,439	10,970	4,665	6,047	4,063	12,493	22,065	4,113	weeks	7,000
	Alaska II			0	610	2,044	1,108	2,418	3,773	67	1,039	128	0	320	0	885	91	26-28	189
	Nass	1,645	1,078	6,002	3,057	1,358	601	3,119	4,490	3,589	5,778	602	1,270	2,814	2,451	9,354	2,340	pooled	1,654
	Skeena								2,095	503	7,701	2,430	39	1,740	569	2,042	1,454		886
	Tahltan	1,327	844	7,793	1,187	101	486	212	242	2,281	5,613	5,557	6,359	4,901	12,101	7,716	1,086		1,133
	Stikine	49	312	271	419	0	0	1,342	273	407	6,158	713	635	274	1,771	976	99		482
	Tuya									0	0	0	0	0	4,039	10,017	5,736		4,284
	Total	7,061	7,709	28,388	17,388	10,432	8,516	9,902	12,722	10,287	37,260	14,095	14,349	14,111	33,426	53,054	14,920		15,627
28	Alaska I	4,319	6,884	17,690	not	10,554	5,905	6,811	5,467	8,815	19,920	5,642	10,021	7,081	19,353	11,569	5,785	12,908	7,843
	Alaska II			0	open	3,579	1,601	16,769	7,579	2,152	1,058	1,191	144	432	1,734	710	1,455	265	0
	Nass	897	2,563	13,143		5,770	988	16,202	4,662	6,731	6,158	1,957	2,023	1,985	3,798	1,672	2,702	3,784	1,426
	Skeena								7,046	2,134	1,611	3,121	1,934	9,285	1,252	1,646	4,038	30	915
	Tahltan	724	1,134	6,280		779	294	106	275	2,130	3,860	4,642	7,984	2,772	9,578	1,102	72	4,178	34
	Stikine	42	50	488		62	0	1,530	518	447	3,831	1,339	1,034	1,096	989	1,070	86	501	348
	Tuya									0	0	0	0	0	1,960	3,022	1,189	4,389	2,432
	Total	5,982	10,631	37,601		20,745	8,788	41,418	25,546	22,409	36,439	17,893	23,140	22,652	38,663	20,792	15,328	26,053	12,998
29	Alaska I	3,414	13,311	21,032	6,303	15,656	11,429	13,716	4,521	8,835	23,228	7,691	18,440	6,215	26,067	9,819	7,288	7,575	14,312
	Alaska II			0	1,153	3,208	9,969	18,488	12,490	3,213	1,975	654	846	2,063	4,593	2,085	3,090	150	520
	Nass	251	3,134	15,425	442	2,655	2,685	8,128	2,651	4,855	2,394	3,519	4,508	2,225	4,476	1,644	879	780	1,640
	Skeena								7,110	1,745	2,430	6,277	2,075	5,704	3,403	2,452	3,440	0	1,480
	Tahltan	353	307	7,155	0	187	634	0	172	771	859	2,880	5,193	380	5,459	178	163	700	574
	Stikine	238	2,419	288	0	580	0	243	91	1,201	2,396	5,596	1,714	1,619	2,226	605	147	740	382
	Tuya									0	0	0	0	0	430	420	729	1,231	327
	Total	4,257	19,171	43,900	7,899	22,286	24,718	40,575	27,033	20,620	33,282	26,616	32,776	18,205	46,654	17,203	15,735	11,176	19,234
30	Alaska I	9,258	15,035	21,487	10,545	12,227	7,133	7,088	13,038	7,742	22,245	9,394	21,208	10,262	31,663	7,297	9,523	17,771	11,644
	Alaska II			0	6,575	9,934	8,779	18,365	19,124	6,677	4,986	3,262	4,310	2,766	5,647	4,686	3,289	522	502
	Nass	1,450	6,937	24,177	4,001	2,187	2,044	8,904	7,027	2,714	3,234	3,652	791	4,402	9,494	2,532	709	988	1,949
	Skeena								11,420	1,235	2,642	5,300	5,465	18,137	6,984	2,261	2,104	24	3,621
	Tahltan	1,623	0	0	0	112	259	0	30	1,467	357	1,229	3,853	433	2,370	193	155	879	44
	Stikine	62	416	1,304	63	210	0	213	242	530	1,887	3,203	2,106	3,631	558	625	126	4,010	635
	Tuya									0	0	0	0	0	330	348	475	431	168
	Total	12,393	22,388	46,969	21,184	24,671	18,215	34,571	50,881	20,365	35,350	26,040	37,734	39,631	57,045	17,942	16,382	24,624	18,564
31	Alaska I	4,602	8,388	19,504	12,963	7,433	4,619	10,795	4,428	5,994	12,572	13,290	21,327	7,779	19,626	7,535	7,900	12,934	7,086
	Alaska II			0	12,332	11,827	6,973	8,237	13,295	7,048	3,910	2,067	3,209	1,713	2,787	3,549	5,339	554	186
	Nass	3,225	6,654	30,946	7,558	3,738	449	9,491	510	4,498	657	5,723	3,090	4,121	3,868	365	2,477	600	366
	Skeena								8,133	644	5,289	5,034	13,628	11,944	12,734	5,431	2,810	465	2,318
	Tahltan	135	0	0	712	0	0	0	0	235	379	1,170	1,491	407	164	18	63	200	5
	Stikine	0	401	0	19	0	0	390	822	583	3,148	10,989	1,706	2,066	290	851	133	3,721	516
	Tuya									0	0	0	0	0	0	0	572	216	317
	Total	7,962	15,443	50,450	33,585	22,998	12,042	28,913	27,189	19,003	25,955	38,273	44,451	28,030	39,468	17,750	19,294	18,690	10,795

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		Year With Dates of Statistical Week 25																		
Stat.	Stock	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Week	Group	12-18	17-23	16-22	15-21	14-20	12-18	18-24	17-23	16-22	14-20	13-19	12-18	18-24	16-22	16-22	14-20	13-19	11-17
32	Alaska I	882	4,042	7,840	9,295	6,383	5,888	1,514	2,866	3,547	6,219	11,436	13,063	5,562	16,905	5,220	6,495	7,756	3,347
	Alaska II			0	7,807	12,689	5,461	5,560	7,296	3,898	1,495	6,328	4,524	1,334	2,916	1,283	2,579	340	134
	Nass	357	1,631	5,574	7,616	3,956	996	3,421	463	2,030	0	6,135	1,187	1,676	3,965	0	2,096	1,058	263
	Skeena								3,444	122	2,144	4,603	3,766	14,559	13,840	1,710	4,034	215	1,496
	Tahltan	129	0	0	0	0	0	0	0	192	108	410	824	51	462	296	108	0	20
	Stikine	37	97	46	100	0	63	90	434	74	1,652	5,653	115	1,680	100	257	62	1,685	40
	Tuya									0	0	0	0	0	0	0	83	54	17
	Total	1,405	5,770	13,459	24,819	23,028	12,408	10,585	14,502	9,863	11,619	34,566	23,479	24,862	38,188	8,766	15,457	11,109	5,317
33	Alaska I	1,560	1,812	5,283	5,402	3,474	935	1,271	2,042	3,637	3,451	5,339	6,379	5,633	6,603	5,389	3,431	4,864	3,377
	Alaska II			0	4,169	2,039	557	2,624	4,855	2,349	701	1,151	1,747	1,090	1,233	1,536	1,815	89	0
	Nass	761	1,080	7,259	10,164	1,154	1,078	3,549	423	2,239	0	0	1,177	1,659	1,706	0	1,189	835	285
	Skeena								2,014	1,499	1,542	11,010	4,675	13,768	4,926	2,609	1,354	193	1,426
	Tahltan	134	0	0	127	0	0	0	0	463	0	1,064	561	153	0	5	6	0	0
	Stikine	73	120	186	0	93	0	78	24	10	1,430	4,048	72	1,493	501	309	20	1,162	21
	Tuya									0	0	0	0	0	0	0	67	22	0
	Total	2,529	3,012	12,728	19,862	6,760	2,570	7,523	9,358	10,197	7,124	22,612	14,611	23,795	14,969	9,849	7,882	7,164	5,108
34	Alaska I	1,385	1,303	3,562	3,295				1,952	2,645	1,460	4,927	3,925	1,809	4,175	6,954	3,121	4,321	929
	Alaska II			0	2,423				2,517	1,459	86	309	1,499	1,072	270	538	2,177	69	0
	Nass	416	773	5,247	8,975				276	1,813	0	0	1,049	749	1,232	0	1,418	632	0
	Skeena								2,343	2,511	1,129	5,697	3,188	11,191	3,626	8,591	1,555	56	800
	Tahltan	82	0	0	0				0	0	0	1,099	698	0	0	27	8	2	0
	Stikine	17	75	247	0				155	6	491	2,146	39	1,839	94	967	26	897	12
	Tuya								0	0	0	0	0	0	0	0	131	42	0
	Total	1,900	2,151	9,056	14,693				7,243	8,435	3,166	14,178	10,399	16,660	9,397	17,076	8,437	6,019	1,741
35	Alaska I										1,810	2,104	1,646		697	3,145			175
	Alaska II										145	561	547		130	459			23
	Nass										0	0	584		207	0			0
	Skeena										2,206	3,328	1,800		576	2,326			100
	Tahltan										0	384	383		0	46			0
	Stikine										627	1,312	24		72	110			2
	Tuya										0	0	0		0	0			0
	Total										4,787	7,690	4,984		1,682	6,086			301
36	Alaska I																		156
	Alaska II																		0
	Nass																		0
	Skeena																		231
	Tahltan																		0
	Stikine																		4
	Tuya																		0
	Total																		391
Season	Alaska I	32,618	60,284	126,904	65,195	66,354	44,055	48,909	38,109	50,721	104,670	65,927	103,930	52,391	142,067	78,993	47,656	68,129	55,871
Totals	Alaska II			0	35,157	46,252	34,657	75,514	74,897	27,520	15,395	15,749	16,869	10,827	20,170	15,732	19,836	1,988	1,554
	Nass	10,587	24,613	111,043	42,668	21,139	8,917	57,921	24,358	35,645	19,673	22,303	16,380	23,649	33,562	15,567	13,810	8,676	7,583
	Skeena								44,550	11,853	27,187	46,801	36,869	88,721	48,675	29,069	20,791	983	13,274
	Tahltan	5,017	2,677	24,033	2,087	1,365	1,818	1,098	937	14,303	14,102	19,986	29,304	16,514	48,288	9,581	1,661	5,958	1,811
	Stikine	620	4,079	3,006	602	960	63	5,010	2,955	4,062	22,129	35,188	7,695	14,792	7,968	5,769	698	12,714	2,441
	Tuya									0	0	0	0	0	9,334	13,807	8,983	6,386	7,544
	Total	48,842	91,653	264,987	145,709	136,069	89,510	188,451	185,805	144,105	203,155	205,955	211,048	206,894	310,063	168,518	113,435	104,835	90,076

Appendix D7.–Estimated stock proportions of sockeye salmon catches in the Alaskan District 108 gillnet fishery, 1986-2000. The Nass and Skeena stock groups were combined prior to 1990. The last data in each column includes catches through the end of the season.

		Year With Dates of Statistical Week 24														
Stat.	Stock	1986	1987[a]	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Week	Group	8-14	7-13	5-11	11-17	10-16	9-15	7-13	6-12	5-11	11-17	9-15	9-15	7-13	6-12	4-10
24	Alaska I	Not	Not	Not	Not	Not	Not	Not	Not	Not	0.255	0.050	Comb	Not	Not	Not
	Alaska II	Open	Open	Open	Open	Open	Open	Open	Open	Open	0.000	0.000	with	Open	Open	Open
	Nass										0.235	0.097	Week 25			
	Skeena										0.029	0.061				
	Tahltan										0.379	0.262				
	Stikine										0.102	0.511				
	Tuya											0.019				
25	Alaska I	0.067	Not	Not	0.101	0.170	0.016	Not	Not	0.215	0.049	0.127	0.004	Not	Not	Not
	Alaska II	0.133	Open	Open	0.067	0.333	0.030	Open	Open	0.250	0.002	0.012	0.000	Open	Open	Open
	Nass	0.033			0.217	0.303	0.073			0.012	0.113	0.047	0.244			
	Skeena					0.067	0.145			0.213	0.032	0.001	0.010			
	Tahltan	0.167			0.248	0.050	0.695			0.249	0.636	0.700	0.306			
	Stikine	0.600			0.367	0.078	0.040			0.061	0.167	0.080	0.106			
	Tuya											0.033	0.330			
26	Alaska I	0.071		0.080	0.101	0.170	0.042	0.066	0.132	0.149	0.073	0.016	0.004	0.059	0.155	0.040
	Alaska II	0.143		0.128	0.067	0.333	0.012	0.023	0.005	0.081	0.010	0.000	0.041	0.010	0.002	0.052
	Nass	0.000		0.046	0.217	0.303	0.059	0.189	0.149	0.058	0.133	0.008	0.279	0.094	0.005	0.019
	Skeena					0.067	0.104	0.002	0.000	0.092	0.132	0.108	0.022	0.012	0.000	0.023
	Tahltan	0.214		0.221	0.248	0.050	0.644	0.583	0.523	0.487	0.551	0.741	0.389	0.326	0.434	0.406
	Stikine	0.571		0.526	0.367	0.078	0.139	0.136	0.191	0.133	0.100	0.037	0.009	0.129	0.022	0.229
	Tuya											0.089	0.255	0.370	0.381	0.229
27	Alaska I	Not		0.080	Not	0.023	0.145	0.151	0.113	0.118	0.080	0.021	0.021	0.057	0.077	0.051
	Alaska II	Open		0.128	Open	0.320	0.105	0.000	0.066	0.107	0.026	0.000	0.000	0.014	0.015	0.047
	Nass			0.046		0.163	0.024	0.035	0.084	0.021	0.181	0.046	0.069	0.007	0.020	0.058
	Skeena					0.038	0.102	0.003	0.000	0.205	0.056	0.000	0.008	0.000	0.000	0.069
	Tahltan			0.221		0.178	0.574	0.591	0.542	0.474	0.522	0.764	0.459	0.360	0.527	0.225
	Stikine			0.526		0.278	0.051	0.220	0.195	0.075	0.135	0.080	0.113	0.085	0.055	0.156
	Tuya											0.089	0.330	0.477	0.306	0.394
28	Alaska I	Not		0.120	0.037	0.095	0.156	0.146	0.098	0.111	0.124	0.073	0.105	0.145	0.157	0.108
	Alaska II	Open		0.096	0.090	0.445	0.037	0.000	0.072	0.139	0.000	0.011	0.000	0.000	0.015	0.020
	Nass			0.033	0.056	0.048	0.044	0.006	0.053	0.130	0.080	0.035	0.096	0.126	0.017	0.044
	Skeena					0.073	0.009	0.004	0.067	0.005	0.101	0.063	0.001	0.089	0.023	0.043
	Tahltan			0.145	0.040	0.085	0.538	0.389	0.414	0.590	0.466	0.651	0.348	0.134	0.471	0.100
	Stikine			0.606	0.776	0.254	0.216	0.454	0.296	0.025	0.229	0.099	0.204	0.190	0.083	0.026
	Tuya											0.068	0.246	0.315	0.234	0.659
29	Alaska I	Not	0.124	0.120	0.025	0.032	0.134	0.241	0.143	0.075	0.292	0.336	0.074	0.122	0.078	0.143
	Alaska II	Open	0.047	0.096	0.050	0.383	0.024	0.039	0.107	0.205	0.047	0.000	0.000	0.000	0.004	0.033
	Nass		0.000	0.033	0.030	0.200	0.132	0.051	0.061	0.178	0.035	0.029	0.028	0.065	0.012	0.047
	Skeena					0.005	0.000	0.014	0.061	0.162	0.069	0.001	0.037	0.000	0.013	0.010
	Tahltan		0.421	0.145	0.010	0.025	0.276	0.121	0.135	0.306	0.236	0.294	0.203	0.269	0.543	0.047
	Stikine		0.408	0.606	0.885	0.355	0.434	0.535	0.493	0.073	0.321	0.313	0.543	0.463	0.165	0.595
	Tuya											0.026	0.115	0.081	0.185	0.127
30	Alaska I	0.065			0.029	0.023	0.072	0.094	0.097	0.143	0.267	0.315	0.081	0.265	0.079	0.284
	Alaska II	0.148			0.133	0.249	0.036	0.007	0.215	0.298	0.043	0.114	0.000	0.020	0.014	0.167
	Nass	0.023			0.057	0.003	0.115	0.029	0.006	0.011	0.056	0.084	0.022	0.043	0.052	0.036
	Skeena					0.004	0.000	0.018	0.136	0.162	0.031	0.032	0.020	0.149	0.006	0.040
	Tahltan	0.172			0.011	0.004	0.051	0.058	0.085	0.235	0.064	0.096	0.179	0.030	0.366	0.026
	Stikine	0.591			0.769	0.717	0.726	0.794	0.461	0.150	0.539	0.348	0.592	0.420	0.429	0.445
	Tuya											0.011	0.107	0.073	0.054	0.001
31	Alaska I	0.029			0.029	0.016		0.016	0.120	0.134	0.207	0.129	0.091	0.047	0.421	0.166
	Alaska II	0.095			0.133	0.304		0.116	0.185	0.375	0.000	0.116	0.000	0.000	0.000	0.216
	Nass	0.007			0.057	0.007		0.000	0.018	0.018	0.033	0.049	0.000	0.032	0.047	0.090
	Skeena					0.042		0.063	0.044	0.063	0.011	0.025	0.023	0.014	0.014	0.286
	Tahltan	0.056			0.011	0.448		0.003	0.054	0.071	0.025	0.051	0.187	0.071	0.008	0.015
	Stikine	0.813			0.769	0.183		0.802	0.580	0.338	0.724	0.611	0.598	0.804	0.478	0.224
	Tuya											0.018	0.101	0.032	0.031	0.002

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Stat.	Stock	Year With Dates of Statistical Week 24														
		1986	1987[a]	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Week	Group	8-14	7-13	5-11	11-17	10-16	9-15	7-13	6-12	5-11	11-17	9-15	9-15	7-13	6-12	4-10
32	Alaska I	0.016			0.029	0.016		0.047	0.141	0.151	0.180	0.203	0.086	0.072	0.186	
	Alaska II	0.220			0.133	0.304		0.081	0.115	0.375	0.058	0.079	0.000	0.000	0.000	
	Nass	0.011			0.057	0.007		0.000	0.027	0.027	0.013	0.052	0.000	0.084	0.055	
	Skeena					0.042		0.007	0.084	0.117	0.130	0.218	0.021	0.000	0.009	
	Tahltan	0.000			0.011	0.448		0.004	0.027	0.055	0.007	0.033	0.191	0.104	0.025	
	Stikine	0.753			0.769	0.183		0.860	0.605	0.274	0.612	0.406	0.619	0.690	0.703	
	Tuya											0.008	0.083	0.050	0.022	
33	Alaska I	0.016			0.029	0.016		0.203	0.038	0.316						
	Alaska II	0.220			0.133	0.304		0.158	0.354	0.242						
	Nass	0.011			0.057	0.007		0.000	0.000	0.036						
	Skeena					0.042		0.096	0.038	0.209						
	Tahltan	0.000			0.011	0.448		0.004	0.015	0.017						
	Stikine	0.754			0.769	0.183		0.538	0.555	0.180						
	Tuya															
34	Alaska I	0.014	0.124		0.029	0.016			0.062	0.362						
	Alaska II	0.217	0.047		0.133	0.304			0.077	0.182						
	Nass	0.014	0.000		0.057	0.007			0.000	0.062						
	Skeena					0.042			0.201	0.192						
	Tahltan	0.000	0.421		0.011	0.448			0.057	0.031						
	Stikine	0.755	0.408		0.769	0.183			0.603	0.172						
	Tuya															
Total	Alaska I	0.042	0.032	0.103	0.034	0.052	0.120	0.138	0.116	0.119	0.117	0.088	0.048	0.109	0.133	0.124
	Alaska II	0.164	0.012	0.110	0.082	0.343	0.056	0.025	0.116	0.207	0.018	0.014	0.006	0.006	0.011	0.080
	Nass	0.016	0.000	0.039	0.054	0.093	0.067	0.037	0.050	0.092	0.118	0.035	0.114	0.065	0.027	0.052
	Skeena					0.035	0.049	0.014	0.064	0.116	0.086	0.047	0.012	0.043	0.009	0.076
	Tahltan	0.094	0.111	0.178	0.034	0.111	0.424	0.258	0.256	0.362	0.461	0.623	0.368	0.189	0.414	0.132
	Stikine	0.684	0.108	0.571	0.796	0.366	0.284	0.528	0.399	0.104	0.200	0.124	0.189	0.343	0.205	0.275
	Tuya											0.069	0.264	0.244	0.202	0.262

[a] Stock proportions are not available for weeks 26-28 in 1987.

Appendix D8.–Estimated catch by stock of sockeye salmon catches in the Alaskan District 108 gillnet fishery, 1986-2000. The Nass and Skeena stock groups were combined prior to 1990.

		Year With Dates of Statistical Week 24														
Stat.	Stock	1986	1987[a]	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Week	Group	8-14	7-13	5-11	11-17	10-16	9-15	7-13	6-12	5-11	11-17	9-15	9-15	7-13	6-12	4-10
24	Alaska I	Not	Not	Not	Not	Not	Not	Not	Not	Not	56	5	Combined	Not	Not	Not
	Alaska II	Open	Open	Open	Open	Open	Open	Open	Open	Open	0	0	with	Open	Open	Open
	Nass										51	9	Week 25			
	Skeena										6	6				
	Tahltan										83	24				
	Stikine										22	47				
	Tuya										0	2				
	Total										219	91				
25	Alaska I	2	Not	Not	40	63	6	Not	Not	19	312	734	30	Not	Not	Not
	Alaska II	4	Open	Open	27	122	11	Open	Open	22	13	67	0	Open	Open	Open
	Nass	1			87	112	26			1	720	272	1,789			
	Skeena					25	52			19	206	7	73			
	Tahltan	5			99	18	249			22	4,056	4,036	2,239			
	Stikine	18			146	29	15			5	1,066	462	776			
	Tuya						0			0	0	192	2,418			
	Total	30			399	369	359			89	6,373	5,770	7,325			
26	Alaska I	1		12	5	79	61	242	305	302	1,761	656	61	132	406	53
	Alaska II	2		19	3	156	17	86	11	163	243	0	585	22	6	69
	Nass	0		7	10	142	86	695	346	117	3,193	349	3,958	208	13	25
	Skeena					31	152	7	0	185	3,171	4,431	318	26	0	31
	Tahltan	3		33	12	23	940	2,138	1,211	985	13,199	30,455	5,514	725	1,139	537
	Stikine	8		80	18	36	203	499	444	269	2,409	1,532	133	288	58	303
	Tuya						0	0	0	0	0	3,658	3,621	823	1,000	303
	Total	14	189	151	48	467	1,459	3,666	2,317	2,022	23,976	41,082	14,189	2,224	2,623	1,322
27	Alaska I	Not		32	Not	36	905	1,148	1,299	1,438	1,552	971	706	272	904	247
	Alaska II	Open		51	Open	504	656	0	764	1,307	505	0	0	67	176	229
	Nass			18		256	150	266	969	254	3,518	2,115	2,326	35	229	283
	Skeena					60	641	20	0	2,505	1,092	23	283	0	0	337
	Tahltan			88		280	3,591	4,491	6,229	5,779	10,142	35,195	15,464	1,717	6,153	1,095
	Stikine			208		437	316	1,672	2,240	910	2,617	3,665	3,813	403	639	761
	Tuya						0	0	0	0	0	4,081	11,126	2,274	3,574	1,919
	Total		245	397		1,573	6,258	7,597	11,500	12,193	19,426	46,049	33,718	4,768	11,675	4,872
28	Alaska I	Not		38	162	268	543	1,853	1,904	2,924	1,591	2,345	2,512	808	1,037	251
	Alaska II	Open		30	394	1,256	128	0	1,405	3,647	0	357	0	0	97	46
	Nass			10	245	136	155	78	1,027	3,429	1,026	1,140	2,313	702	114	101
	Skeena					206	32	51	1,310	118	1,291	2,023	31	496	153	101
	Tahltan			45	175	240	1,874	4,946	8,040	15,512	5,959	20,965	8,358	744	3,110	233
	Stikine			190	3,397	717	754	5,772	5,753	646	2,925	3,182	4,908	1,059	550	62
	Tuya						0	0	0	0	0	2,197	5,902	1,755	1,547	1,533
	Total		759	313	4,373	2,823	3,486	12,699	19,439	26,276	12,793	32,208	24,024	5,563	6,609	2,327
29	Alaska I	Not	52	46	89	66	388	2,785	2,886	1,950	2,016	4,678	443	223	320	425
	Alaska II	Open	20	37	177	792	68	449	2,150	5,306	324	0	0	0	14	97
	Nass		0	13	106	414	381	587	1,224	4,614	241	402	169	118	50	140
	Skeena					10	0	167	1,233	4,183	473	16	221	0	55	28
	Tahltan		178	56	35	52	797	1,395	2,712	7,918	1,627	4,093	1,215	489	2,213	140
	Stikine		173	233	3,134	734	1,253	6,187	9,927	1,883	2,216	4,357	3,255	843	674	1,771
	Tuya						0	0	0	0	0	364	691	147	753	377
	Total		423	385	3,541	2,068	2,888	11,569	20,132	25,854	6,896	13,910	5,993	1,820	4,078	2,979
30	Alaska I	131			45	65	254	992	1,146	2,574	1,298	3,741	191	680	535	623
	Alaska II	297			205	701	128	77	2,528	5,353	208	1,357	0	52	94	366
	Nass	46			88	8	406	305	68	206	272	1,000	51	109	354	78
	Skeena					11	0	187	1,596	2,917	152	376	46	383	43	88
	Tahltan	346			17	11	181	610	1,003	4,228	314	1,140	419	76	2,477	58
	Stikine	1,189			1,185	2,020	2,568	8,342	5,424	2,693	2,627	4,137	1,387	1,076	2,905	975
	Tuya						0	0	0	0	0	125	251	188	367	3
	Total	2,009			1,540	2,816	3,537	10,512	11,765	17,971	4,871	11,877	2,345	2,564	6,775	2,191

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Stat. Week	Stock Group	Year With Dates of Statistical Week 24														
		1986 8-14	1987[a] 7-13	1988 5-11	1989 11-17	1990 10-16	1991 9-15	1992 7-13	1993 6-12	1994 5-11	1995 11-17	1996 9-15	1997 9-15	1998 7-13	1999 6-12	2000 4-10
31	Alaska I	20			3	14		70	813	983	180	253	358	154	1,382	356
	Alaska II	65			15	275		510	1,258	2,745	0	228	0	0	0	464
	Nass	5			6	6		0	124	134	29	96	0	105	156	193
	Skeena					38		277	296	462	9	49	92	45	46	612
	Tahltan	38			1	407		11	365	523	22	100	734	236	27	32
	Stikine	555			88	166		3,522	3,940	2,480	631	1,198	2,350	2,661	1,569	480
	Tuya							0	0	0	0	36	397	106	101	5
	Total	683			113	906		4,391	6,797	7,327	871	1,960	3,930	3,308	3,281	2,142
32	Alaska I	13			0	5		87	444	415	239	244	130	128	290	
	Alaska II	173			1	93		151	364	1,030	77	95	0	1	0	
	Nass	9			1	2		0	86	74	18	63	0	149	85	
	Skeena					13		14	265	322	174	262	31	0	15	
	Tahltan	0			0	137		7	86	152	10	40	289	185	39	
	Stikine	593			9	56		1,594	1,910	753	814	489	938	1,231	1,096	
	Tuya							0	0	0	0	10	126	90	34	
	Total	788			11	306		1,852	3,154	2,746	1,331	1,203	1,515	1,784	1,560	
33	Alaska I	7			1	3		88	37	425						
	Alaska II	99			3	52		68	339	325						
	Nass	5			1	1		0	0	49						
	Skeena					7		41	36	281						
	Tahltan	0			0	78		2	14	22						
	Stikine	340			15	31		232	530	242						
	Tuya							0	0	0						
	Total	451			20	172		431	956	1,343						
34	Alaska I	3	0		1	1			50	508						
	Alaska II	46	0		5	22			63	255						
	Nass	3	0		2	1			0	87						
	Skeena					3			164	270						
	Tahltan	0	2		0	33			46	43						
	Stikine	160	2		30	14			490	241						
	Tuya								0	0						
	Total	212	4		38	74			814	1,403						
Season	Alaska I	177	52	128	346	600	2,158	7,264	8,884	11,538	9,006	13,627	4,430	2,396	4,874	1,956
Totals	Alaska II	686	20	137	830	3,973	1,007	1,340	8,881	20,154	1,370	2,104	585	142	388	1,271
	Nass	69	0	48	546	1,078	1,204	1,930	3,845	8,965	9,067	5,445	10,605	1,427	1,002	820
	Skeena					404	876	764	4,900	11,262	6,575	7,192	1,094	950	312	1,198
	Tahltan	392	180	222	339	1,279	7,632	13,600	19,706	35,185	35,411	96,048	34,232	4,172	15,159	2,095
	Stikine	2,863	175	711	8,022	4,240	5,109	27,819	30,658	10,120	15,327	19,069	17,561	7,561	7,490	4,352
	Tuya						0	0	0	0	0	10,665	24,533	5,383	7,375	4,141
	Total	4,187	1,620	1,246	10,083	11,574	17,987	52,717	76,874	97,224	76,756	154,150	93,039	22,031	36,601	15,833

[a] Catch by stock are not available for weeks 26-28 in 1987.

APPENDIX E. THERMAL MARK CONTRIBUTIONS

Appendix E1.–Estimated contributions of thermally marked sockeye salmon to the Sub-district 106-30 gillnet catches, 1996.

Statistical		Tahltan				Tuya			Sample Size
Week		90	91	92	Total	91	92	Total	Total Catch
25	Marks	0	0	0	0	0	0	0	0
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Contribution	0	0	0	0	0	0	0	368
26	Marks	0	0	0	0	0	0	0	100
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Contribution	0	0	0	0	0	0	0	1,313
27	Marks	0	1	0	1	0	0	0	38
	Proportions	0.000	0.026	0.000	0.026	0.000	0.000	0.000	
	SE	0.000	0.026	0.000	0.026	0.000	0.000	0.000	
	Contribution	0	116	0	116	0	0	0	4,397
28	Marks	0	1	0	1	0	0	0	99
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Contribution	0	87	0	87	0	0	0	8,567
29	Marks	0	1	0	1	0	0	0	99
	Proportions	0.000	0.010	0.000	0.010	0.000	0.000	0.000	
	SE	0.000	0.010	0.000	0.010	0.000	0.000	0.000	
	Contribution	0	135	0	135	0	0	0	13,367
30	Marks	0	0	0	0	0	0	0	100
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Contribution	0	0	0	0	0	0	0	25,401
31	Marks	0	0	0	0	0	0	0	100
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Contribution	0	0	0	0	0	0	0	9,642
32	Marks	0	0	0	0	0	0	0	100
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Contribution	0	0	0	0	0	0	0	13,000
Total	Marks	0	3	0	3	0	0	0	636
	Proportions	0.000	0.004	0.000	0.004	0.000	0.000	0.000	
	SE	0.000	0.028	0.000	0.028	0.000	0.000	0.000	
	Contribution	0	337	0	337	0	0	0	76,055

Appendix E2.–Estimated contributions of thermally marked sockeye salmon to the Sub-district 106-41 gillnet catches, 1996.

Statistical		Tahltan				Tuya			Sample Size
Week		90	91	92	Total	91	92	Total	Total Catch
25	Marks	0	13	0	13	10	0	10	215
	Proportions	0.000	0.060	0.000	0.060	0.047	0.000	0.047	
	SE	0.000	0.016	0.000	0.016	0.014	0.000	0.014	
	Contribution	0	169	0	169	130	0	130	2,803
26	Marks	0	5	0	5	19	2	21	200
	Proportions	0.000	0.025	0.000	0.025	0.095	0.010	0.105	
	SE	0.000	0.011	0.000	0.011	0.021	0.007	0.022	
	Contribution	0	653	0	653	2,480	261	2,741	26,105
27	Marks	0	7	0	7	17	1	18	136
	Proportions	0.000	0.051	0.000	0.051	0.125	0.007	0.132	
	SE	0.000	0.019	0.000	0.019	0.028	0.007	0.029	
	Contribution	0	1,494	0	1,494	3,629	213	3,842	29,029
28	Marks	4	6	0	10	7	1	8	200
	Proportions	0.020	0.030	0.000	0.050	0.035	0.005	0.040	
	SE	0.010	0.012	0.000	0.016	0.013	0.005	0.014	
	Contribution	604	906	0	1,511	1,057	151	1,208	30,210
29	Marks	0	1	0	1	1	0	1	100
	Proportions	0.000	0.010	0.000	0.010	0.010	0.000	0.010	
	SE	0.000	0.010	0.000	0.010	0.010	0.000	0.010	
	Contribution	0	326	0	326	326	0	326	32,569
30	Marks	0	0	0	0	1	1	2	100
	Proportions	0.000	0.000	0.000	0.000	0.010	0.010	0.020	
	SE	0.000	0.000	0.000	0.000	0.010	0.010	0.014	
	Contribution	0	0	0	0	332	332	664	33,200
31	Marks	0	0	0	0	0	1	1	100
	Proportions	0.000	0.000	0.000	0.000	0.000	0.010	0.010	
	SE	0.000	0.000	0.000	0.000	0.000	0.010	0.010	
	Contribution	0	0	0	0	0	284	284	28,358
32	Marks	0	0	0	0	0	0	0	100
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Contribution	0	0	0	0	0	0	0	25,000
Total	Marks	4	32	0	36	55	6	61	1,151
	Proportions	0.003	0.017	0.000	0.020	0.038	0.006	0.044	
	SE	0.010	0.032	0.000	0.033	0.043	0.018	0.046	
	Contribution	604	3,548	0	4,152	7,954	1,241	9,195	207,274

Appendix E3.–Estimated contributions of thermally marked sockeye salmon to the District 108 gillnet catches, 1996.

Statistical		Tahltan				Tuya			Snettisham	Sample
Week		90	91	92	Total	91	92	Total	92	Total
24	Marks	0	2	0	2	1	0	1	0	55
	Proportions	0.000	0.036	0.000	0.036	0.018	0.000	0.018	0.000	
	SE	0.000	0.025	0.000	0.025	0.018	0.000	0.018	0.000	
	Contribution	0	4	0	4	2	0	2	0	91
25	Marks	1	15	0	16	7	0	7	0	213
	Proportions	0.005	0.070	0.000	0.075	0.033	0.000	0.033	0.000	
	SE	0.005	0.018	0.000	0.018	0.012	0.000	0.012	0.000	
	Contribution	43	434	0	477	181	0	181	0	5,770
26	Marks	2	13	0	15	17	4	21	0	199
	Proportions	0.010	0.065	0.000	0.075	0.085	0.020	0.106	0.000	
	SE	0.007	0.018	0.000	0.019	0.020	0.010	0.022	0.000	
	Contribution	412	3,180	0	3,592	3,432	824	4,256	0	41,082
27	Marks	2	14	0	16	12	2	14	0	200
	Proportions	0.010	0.070	0.000	0.080	0.060	0.010	0.070	0.000	
	SE	0.007	0.018	0.000	0.019	0.017	0.007	0.018	0.000	
	Contribution	572	3,334	0	3,906	2,763	572	3,334	0	46,049
28	Marks	4	9	0	13	11	2	13	0	200
	Proportions	0.020	0.045	0.000	0.065	0.055	0.010	0.065	0.000	
	SE	0.010	0.015	0.000	0.018	0.016	0.007	0.018	0.000	
	Contribution	644	1,450	0	2,094	1,772	323	2,094	0	32,208
29	Marks	1	7	0	8	5	1	6	0	200
	Proportions	0.005	0.035	0.000	0.040	0.025	0.005	0.030	0.000	
	SE	0.005	0.013	0.000	0.014	0.011	0.005	0.012	0.000	
	Contribution	97	568	0	665	321	42	363	0	13,910
30	Marks	0	1	0	1	1	0	1	1	185
	Proportions	0.000	0.005	0.000	0.005	0.005	0.000	0.005	0.005	
	SE	0.000	0.005	0.000	0.005	0.005	0.000	0.005	0.005	
	Contribution	0	79	0	79	79	0	79	44	11,660
31	Marks	0	0	1	1	1	2	3	1	100
	Proportions	0.000	0.000	0.010	0.010	0.010	0.020	0.030	0.010	
	SE	0.000	0.000	0.010	0.010	0.010	0.014	0.017	0.010	
	Contribution	0	0	19	19	19	38	57	19	1,960
32	Marks	0	0	0	0	1	0	1	0	118
	Proportions	0.000	0.000	0.000	0.000	0.008	0.000	0.008	0.000	
	SE	0.000	0.000	0.000	0.000	0.008	0.000	0.008	0.000	
	Contribution	0	0	0	0	4	0	4	0	900
Total	Marks	10	61	1	72	56	11	67	2	1,470
	Proportions	0.012	0.059	0.000	0.071	0.056	0.012	0.068	0.000	
	SE	0.016	0.045	0.010	0.049	0.042	0.021	0.047	0.011	
	Contribution	1,767	9,050	19	10,836	8,573	1,799	10,372	63	153,630

Appendix E4.–Estimated contributions of thermally marked sockeye salmon to the Sub-district 106-30 gillnet catches, 1997.

Statistical		Tahltan				Tuya				Sample Size
Week		91	92	93	Total	91	92	93	Total	Total Catch
25	Marks	0	0	0	0	0	0	0	0	0
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Contribution	0	20	0	20	0	25	8	33	251
26	Marks	0	0	0	0	0	0	0	0	0
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Contribution	0	150	0	150	0	187	56	243	1,869
27	Marks	0	8	0	8	0	10	3	13	100
	Proportions	0.000	0.080	0.000	0.080	0.000	0.100	0.030	0.130	
	SE	0.000	0.027	0.000	0.027	0.000	0.030	0.017	0.035	
	Contribution	0	346	0	346	0	432	130	562	4,321
28	Marks	0	0	0	0	0	0	0	0	0
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Contribution	0	234	0	234	0	293	88	381	5,856
29	Marks	0	0	0	0	0	0	0	0	155
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Contribution	0	0	0	0	0	0	0	0	6,524
30	Marks	0	0	0	0	0	2	0	2	190
	Proportions	0.000	0.000	0.000	0.000	0.000	0.011	0.000	0.011	
	SE	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.007	
	Contribution	0	0	0	0	0	76	0	76	7,256
31	Marks	0	0	0	0	0	0	0	0	96
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Contribution	0	0	0	0	0	0	0	0	9,024
32	Marks	0	0	0	0	0	0	0	0	50
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Contribution	0	0	0	0	0	0	0	0	3,262
33	Marks	0	0	0	0	0	0	0	0	50
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Contribution	0	0	0	0	0	0	0	0	2,778
34-40	Marks	0	0	0	0	0	0	0	0	50
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Contribution	0	0	0	0	0	0	0	0	8,702
Total	Marks	0	8	0	8	0	12	3	15	691
	Proportions	0.000	0.015	0.000	0.015	0.000	0.020	0.006	0.026	
	SE	0.000	0.027	0.000	0.027	0.000	0.031	0.017	0.035	
	Contribution	0	750	0	750	0	1,013	281	1,294	49,843

Appendix E5.–Estimated contributions of thermally marked sockeye salmon to the Sub-district 106-41 gillnet catches, 1997.

Statistical		Tahltan				Tuya				Sample Size
Week		91	92	93	Total	91	92	93	Total	Total Catch
25	Marks	0	12	0	12	5	45	0	50	277
	Proportions	0.000	0.043	0.000	0.043	0.018	0.162	0.000	0.181	
	SE	0.000	0.012	0.000	0.012	0.008	0.022	0.000	0.024	
	Contribution	0	132	0	132	55	493	0	548	3,037
26	Marks	0	18	0	18	8	50	3	61	284
	Proportions	0.000	0.063	0.000	0.063	0.028	0.176	0.011	0.215	
	SE	0.000	0.014	0.000	0.014	0.010	0.023	0.006	0.025	
	Contribution	0	1,226	0	1,226	545	3,406	204	4,156	19,348
27	Marks	0	8	0	8	10	35	5	50	274
	Proportions	0.000	0.029	0.000	0.029	0.036	0.128	0.018	0.182	
	SE	0.000	0.010	0.000	0.010	0.011	0.020	0.008	0.025	
	Contribution	0	707	0	707	884	3,095	442	4,421	24,228
28	Marks	0	7	0	7	2	26	6	34	194
	Proportions	0.000	0.036	0.000	0.036	0.010	0.134	0.031	0.175	
	SE	0.000	0.013	0.000	0.013	0.007	0.025	0.012	0.028	
	Contribution	0	539	0	539	154	2,002	462	2,618	14,936
29	Marks	0	2	0	2	0	2	0	2	285
	Proportions	0.000	0.007	0.000	0.007	0.000	0.007	0.000	0.007	
	SE	0.000	0.005	0.000	0.005	0.000	0.005	0.000	0.005	
	Contribution	0	75	0	75	0	75	0	75	10,679
30	Marks	0	0	1	1	0	2	0	2	200
	Proportions	0.000	0.000	0.005	0.005	0.000	0.010	0.000	0.010	
	SE	0.000	0.000	0.005	0.005	0.000	0.007	0.000	0.007	
	Contribution	0	0	53	53	0	107	0	107	10,686
31	Marks	0	0	0	0	0	2	0	2	96
	Proportions	0.000	0.000	0.000	0.000	0.000	0.021	0.000	0.021	
	SE	0.000	0.000	0.000	0.000	0.000	0.015	0.000	0.015	
	Contribution	0	0	0	0	0	182	0	182	8,726
32	Marks	0	0	0	0	0	0	0	0	96
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Contribution	0	0	0	0	0	0	0	0	5,504
33	Marks	0	0	0	0	0	0	0	0	96
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Contribution	0	0	0	0	0	0	0	0	7,071
34-40	Marks	0	0	0	0	0	0	0	0	96
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Contribution	0	0	0	0	0	0	0	0	14,460
Total	Marks	0	47	1	48	25	162	14	201	1,898
	Proportions	0.000	0.023	0.000	0.023	0.014	0.079	0.009	0.102	
	SE	0.000	0.026	0.005	0.026	0.019	0.048	0.016	0.054	
	Contribution	0	2,679	53	2,733	1,638	9,360	1,108	12,106	118,675

Appendix E6.–Estimated contributions of thermally marked sockeye salmon to the District 108 gillnet catches, 1997.

Statistical		Tahltan				Tuya				Sample Size
Week		91	92	93	Total	91	92	93	Total	Total Catch
24	Marks	0	4	0	4	0	11	0	11	44
	Proportions	0.000	0.091	0.000	0.091	0.000	0.250	0.000	0.250	
	SE	0.000	0.044	0.000	0.044	0.000	0.066	0.000	0.066	
	Contribution	0	11	0	11	0	25	0	25	100
25	Marks	0	53	0	53	3	123	0	126	406
	Proportions	0.000	0.131	0.000	0.131	0.007	0.303	0.000	0.310	
	SE	0.000	0.017	0.000	0.017	0.004	0.023	0.000	0.023	
	Contribution	0	891	0	891	61	2,333	0	2,394	7,225
26	Marks	0	51	0	51	14	80	2	96	378
	Proportions	0.000	0.135	0.000	0.135	0.037	0.212	0.005	0.254	
	SE	0.000	0.018	0.000	0.018	0.010	0.021	0.004	0.023	
	Contribution	0	1,902	0	1,902	525	3,007	82	3,614	14,189
27	Marks	1	42	0	43	11	82	12	105	333
	Proportions	0.003	0.126	0.000	0.129	0.033	0.246	0.036	0.315	
	SE	0.003	0.018	0.000	0.018	0.010	0.024	0.010	0.028	
	Contribution	78	4,526	0	4,605	1,238	8,573	1,263	11,074	33,718
28	Marks	0	24	0	24	12	65	14	91	385
	Proportions	0.000	0.062	0.000	0.062	0.031	0.169	0.036	0.236	
	SE	0.000	0.012	0.000	0.012	0.009	0.019	0.010	0.023	
	Contribution	0	1,555	0	1,555	763	4,176	932	5,870	24,024
29	Marks	1	7	0	8	6	12	0	18	160
	Proportions	0.006	0.044	0.000	0.050	0.038	0.075	0.000	0.113	
	SE	0.006	0.016	0.000	0.017	0.015	0.021	0.000	0.026	
	Contribution	37	265	0	302	230	452	0	682	5,993
30	Marks	2	12	0	14	6	20	1	27	275
	Proportions	0.007	0.044	0.000	0.051	0.022	0.073	0.004	0.098	
	SE	0.005	0.012	0.000	0.013	0.009	0.016	0.004	0.018	
	Contribution	19	119	0	137	62	160	12	233	2,345
31	Marks	0	0	0	0	1	9	1	11	96
	Proportions	0.000	0.000	0.000	0.000	0.010	0.094	0.010	0.115	
	SE	0.000	0.000	0.000	0.000	0.010	0.030	0.010	0.033	
	Contribution	10	72	0	83	64	245	33	342	3,930
32	Marks	0	0	0	0	1	2	0	3	50
	Proportions	0.000	0.000	0.000	0.000	0.020	0.040	0.000	0.060	
	SE	0.000	0.000	0.000	0.000	0.020	0.028	0.000	0.034	
	Contribution	2	13	0	15	18	28	2	48	1,149
33	Marks	0	0	0	0	0	0	0	0	0
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Contribution	0	0	0	0	1	2	0	3	276
34-40	Marks	0	0	0	0	0	0	0	0	0
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Contribution	0	0	0	0	0	0	0	0	90
Total	Marks	4	193	0	197	54	404	30	488	2,127
	Proportions	0.002	0.101	0.000	0.102	0.032	0.204	0.025	0.261	
	SE	0.009	0.058	0.000	0.059	0.033	0.093	0.018	0.100	
	Contribution	146	9,354	0	9,500	2,961	19,001	2,323	24,285	93,039

Appendix E7.–Estimated contributions of thermally marked sockeye salmon to the Sub-district 106-30 gillnet catches, 1998.

Stat.		Tahltan				Tuya					Samp. Size
Week		92	93	94	Total	92	93	94	Total	Dom.	Total Catch
26	Marks	0	0	0	0	0	0	0	0	0	0
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Contribution	0	0	0	0	13	169	26	208	26	637
27	Marks	0	0	0	0	1	13	2	16	2	49
	Proportions	0.000	0.000	0.000	0.000	0.020	0.265	0.041	0.327	0.041	
	SE	0.000	0.000	0.000	0.000	0.020	0.064	0.029	0.073	0.029	
	Contribution	0	0	0	0	25	328	51	404	51	1,238
28	Marks	0	0	0	0	0	3	1	4	2	158
	Proportions	0.000	0.000	0.000	0.000	0.000	0.019	0.006	0.025	0.013	
	SE	0.000	0.000	0.000	0.000	0.000	0.011	0.006	0.013	0.009	
	Contribution	0	0	0	0	0	40	13	54	27	2,129
29	Marks	0	0	0	0	0	1	0	1	0	100
	Proportions	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.010	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.010	0.000	
	Contribution	0	0	0	0	0	52	0	52	0	5,157
30	Marks	0	0	0	0	0	0	0	0	1	150
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	
	Contribution	0	0	0	0	0	0	0	0	41	6,193
31	Marks	0	0	0	0	0	0	0	0	0	96
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Contribution	0	0	0	0	0	0	0	0	0	6,855
32	Marks	0	0	0	0	0	0	0	0	0	96
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Contribution	0	0	0	0	0	0	0	0	0	6,774
33	Marks	0	0	0	0	0	0	0	0	0	96
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Contribution	0	0	0	0	0	0	0	0	0	2,633
34	Marks	0	0	0	0	0	0	0	0	0	0
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Contribution	0	0	0	0	0	0	0	0	0	1,989
35	Marks	0	0	0	0	0	0	0	0	0	0
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Contribution	0	0	0	0	0	0	0	0	0	778
Total	Marks	0	0	0	0	1	17	3	21	5	745
	Proportions	0.000	0.000	0.000	0.000	0.001	0.017	0.003	0.021	0.004	
	SE	0.000	0.000	0.000	0.000	0.020	0.065	0.029	0.075	0.031	
	Contribution	0	0	0	0	38	589	90	718	145	34,383

Appendix E8.–Estimated contributions of thermally marked sockeye salmon to the Sub-district 106-41 gillnet catches, 1998.

Stat.		Tahltan				Tuya					Samp. Size
Week		92	93	94	Total	92	93	94	Total	Domestic	Total Catch
26	Marks	1	0	0	1	13	60	1	74	1	200
	Proportions	0.005	0.000	0.000	0.005	0.065	0.300	0.005	0.370	0.005	
	SE	0.005	0.000	0.000	0.005	0.017	0.032	0.005	0.037	0.005	
	Contribution	33	0	0	33	433	1,998	33	2,464	33	6,659
27	Marks	0	1	1	2	15	60	1	76	0	200
	Proportions	0.000	0.005	0.005	0.010	0.075	0.300	0.005	0.380	0.000	
	SE	0.000	0.005	0.005	0.007	0.019	0.032	0.005	0.038	0.000	
	Contribution	0	32	32	64	479	1,916	32	2,427	0	6,386
28	Marks	0	0	0	0	0	21	1	22	0	200
	Proportions	0.000	0.000	0.000	0.000	0.000	0.105	0.005	0.110	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.022	0.005	0.022	0.000	
	Contribution	0	0	0	0	0	1,386	66	1,452	0	13,199
29	Marks	1	0	0	1	2	11	0	13	0	200
	Proportions	0.005	0.000	0.000	0.005	0.010	0.055	0.000	0.065	0.000	
	SE	0.005	0.000	0.000	0.005	0.007	0.016	0.000	0.018	0.000	
	Contribution	53	0	0	53	106	582	0	688	0	10,578
30	Marks	0	0	1	1	4	2	0	6	0	200
	Proportions	0.000	0.000	0.005	0.005	0.020	0.010	0.000	0.030	0.000	
	SE	0.000	0.000	0.005	0.005	0.010	0.007	0.000	0.012	0.000	
	Contribution	0	0	51	51	204	102	0	306	0	10,189
31	Marks	0	0	0	0	0	3	0	3	0	192
	Proportions	0.000	0.000	0.000	0.000	0.000	0.016	0.000	0.016	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.009	0.000	0.009	0.000	
	Contribution	0	0	0	0	0	194	0	194	0	12,439
32	Marks	0	0	0	0	0	0	0	0	0	100
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Contribution	0	0	0	0	0	0	0	0	0	8,683
33	Marks	0	0	0	0	0	0	0	0	0	99
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Contribution	0	0	0	0	0	0	0	0	0	5,249
34	Marks	0	0	0	0	0	0	0	0	0	100
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Contribution	0	0	0	0	0	0	0	0	0	3,351
35	Marks	0	0	0	0	0	0	0	0	0	0
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Contribution	0	0	0	0	0	0	0	0	0	2,307
Total	Marks	2	1	2	5	34	157	3	194	1	1,491
	Proportions	0.001	0.000	0.001	0.003	0.015	0.078	0.002	0.095	0.000	
	SE	0.007	0.005	0.007	0.011	0.028	0.055	0.009	0.062	0.005	
	Contribution	86	32	83	201	1,221	6,177	131	7,530	33	79,040

Appendix E9.–Estimated contributions of thermally marked sockeye salmon to the District 108 gillnet catches, 1998.

Statistical		Tahltan				Tuya				Sample Size	
Week		92	93	94	Total	92	93	94	Total	Domestic	Total Catch
26	Marks	1	2	0	3	16	64	0	80	0	200
	Proportions	0.005	0.010	0.000	0.015	0.080	0.320	0.000	0.400	0.000	
	SE	0.005	0.007	0.000	0.009	0.019	0.033	0.000	0.038	0.000	
	Contribution	13	26	0	39	160	673	0	833	0	2,224
27	Marks	0	2	0	2	20	147	1	168	0	384
	Proportions	0.000	0.005	0.000	0.005	0.052	0.383	0.003	0.438	0.000	
	SE	0.000	0.004	0.000	0.004	0.011	0.025	0.003	0.027	0.000	
	Contribution	0	24	0	24	256	1,866	12	2,133	0	4,768
28	Marks	3	2	0	5	17	77	4	98	0	285
	Proportions	0.011	0.007	0.000	0.018	0.060	0.270	0.014	0.344	0.000	
	SE	0.006	0.005	0.000	0.008	0.014	0.026	0.007	0.031	0.000	
	Contribution	68	26	0	95	387	1,646	72	2,105	0	5,563
29	Marks	0	1	0	1	0	8	1	9	0	113
	Proportions	0.000	0.009	0.000	0.009	0.000	0.071	0.009	0.080	0.000	
	SE	0.000	0.009	0.000	0.009	0.000	0.024	0.009	0.026	0.000	
	Contribution	0	13	0	13	0	179	13	192	0	1,820
30	Marks	0	0	0	0	0	19	2	21	0	269
	Proportions	0.000	0.000	0.000	0.000	0.000	0.071	0.007	0.078	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.016	0.005	0.017	0.000	
	Contribution	0	0	0	0	0	139	22	162	0	2,527
31	Marks	0	0	0	0	0	3	0	3	0	96
	Proportions	0.000	0.000	0.000	0.000	0.000	0.031	0.000	0.031	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.018	0.000	0.018	0.000	
	Contribution	0	0	0	0	0	146	0	146	0	3,308
32	Marks	0	0	0	0	0	2	0	2	0	175
	Proportions	0.000	0.000	0.000	0.000	0.000	0.011	0.000	0.011	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.008	0.000	0.008	0.000	
	Contribution	0	0	0	0	0	11	0	11	0	1,010
33	Marks	0	0	0	0	0	0	0	0	0	0
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Contribution	0	0	0	0	0	4	0	4	0	345
34	Marks	0	0	0	0	0	0	0	0	0	0
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Contribution	0	0	0	0	0	3	0	3	0	301
35	Marks	0	0	0	0	0	0	0	0	0	0
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Contribution	0	0	0	0	0	1	0	1	0	102
Total	Marks	4	7	0	11	53	320	8	381	0	1,522
	Proportions	0.004	0.004	0.000	0.008	0.037	0.213	0.005	0.254	0.000	
	SE	0.008	0.013	0.000	0.015	0.026	0.060	0.013	0.067	0.000	
	Contribution	81	89	0	170	803	4,668	119	5,591	0	21,968

Appendix E10.–Estimated contributions of thermally marked sockeye salmon to the Wrangell Side test fishery, 1998 by gear size.

Week		Tahltan				Tuya				Samp. Size
Mesh Size		92	93	94	Total	92	93	94	Total	Total Catch
25	Marks	0	0	0	0	12	36	0	48	76
4.875	Proportions	0.000	0.000	0.000	0.000	0.158	0.474	0.000	0.632	
	SE	0.000	0.000	0.000	0.000	0.042	0.058	0.000	0.071	
	Contribution	0	0	0	0	13	38	0	51	80
25	Marks	1	1	0	2	17	45	0	62	100
5.250	Proportions	0.010	0.010	0.000	0.020	0.170	0.450	0.000	0.620	
	SE	0.010	0.010	0.000	0.014	0.038	0.050	0.000	0.063	
	Contribution	2	2	0	4	36	95	0	131	212
25	Marks	3	2	0	5	19	39	0	58	100
5.625	Proportions	0.030	0.020	0.000	0.050	0.190	0.390	0.000	0.580	
	SE	0.017	0.014	0.000	0.022	0.039	0.049	0.000	0.063	
	Contribution	7	4	0	11	42	87	0	129	223
26	Marks	1	2	0	3	7	49	0	56	96
4.875	Proportions	0.010	0.021	0.000	0.031	0.073	0.510	0.000	0.583	
	SE	0.010	0.015	0.000	0.018	0.027	0.051	0.000	0.058	
	Contribution	2	4	0	6	15	103	0	117	201
26	Marks	1	1	1	3	12	39	3	54	96
5.250	Proportions	0.010	0.010	0.010	0.031	0.125	0.406	0.031	0.563	
	SE	0.010	0.010	0.010	0.018	0.034	0.050	0.018	0.063	
	Contribution	2	2	2	5	21	69	5	96	170
26	Marks	0	1	0	1	11	42	0	53	96
5.625	Proportions	0.000	0.010	0.000	0.010	0.115	0.438	0.000	0.552	
	SE	0.000	0.010	0.000	0.010	0.033	0.051	0.000	0.060	
	Contribution	0	2	0	2	26	98	0	124	224
27	Marks	0	1	1	2	5	38	2	45	96
4.875	Proportions	0.000	0.010	0.010	0.021	0.052	0.396	0.021	0.469	
	SE	0.000	0.010	0.010	0.015	0.023	0.050	0.015	0.057	
	Contribution	0	4	4	8	19	148	8	175	373
27	Marks	0	0	0	0	10	33	1	44	96
5.250	Proportions	0.000	0.000	0.000	0.000	0.104	0.344	0.010	0.458	
	SE	0.000	0.000	0.000	0.000	0.031	0.049	0.010	0.059	
	Contribution	0	0	0	0	62	206	6	275	599
27	Marks	0	2	0	2	8	44	0	52	96
5.625	Proportions	0.000	0.021	0.000	0.021	0.083	0.458	0.000	0.542	
	SE	0.000	0.015	0.000	0.015	0.028	0.051	0.000	0.058	
	Contribution	0	6	0	6	25	139	0	164	303
Sum	Marks	1	3	1	5	24	123	2	149	268
4.875	Proportions	0.003	0.012	0.006	0.021	0.071	0.441	0.012	0.524	
	SE	0.010	0.018	0.010	0.023	0.055	0.092	0.015	0.108	
	Contribution	2	8	4	14	47	288	8	343	654
Sum	Marks	2	2	1	5	39	117	4	160	292
5.250	Proportions	0.004	0.004	0.002	0.010	0.122	0.378	0.012	0.511	
	SE	0.014	0.014	0.010	0.023	0.060	0.086	0.021	0.107	
	Contribution	4	4	2	10	120	370	12	502	981
Sum	Marks	3	5	0	8	38	125	0	163	292
5.625	Proportions	0.009	0.017	0.000	0.026	0.124	0.432	0.000	0.556	
	SE	0.017	0.023	0.000	0.029	0.059	0.087	0.000	0.105	
	Contribution	7	13	0	20	93	324	0	417	750
Total	Marks	6	10	2	18	101	365	6	472	852
All Gear	Proportions	0.005	0.011	0.002	0.018	0.109	0.412	0.008	0.529	
							0.153	0.025	0.185	
	SE	0.025	0.032	0.015	0.043	0.100				
	Contribution	13	25	6	43	260	982	19	1,261	2,385

Appendix E11.–Estimated contributions of thermally marked sockeye salmon to the Frederick Sound test fishery, 1998 by gear size.

Week &		Tahltan				Tuya				Samp. Size
Mesh Size		92	93	94	Total	92	93	94	Total	Total Catch
25	Marks	2	0	0	2	1	9	0	10	51
4.875	Proportions	0.039	0.000	0.000	0.039	0.020	0.176	0.000	0.196	
	SE	0.027	0.000	0.000	0.027	0.020	0.054	0.000	0.057	
	Contribution	0	0	0	0	0	12	1	14	57
25	Marks	0	0	0	0	0	10	1	11	46
5.250	Proportions	0.000	0.000	0.000	0.000	0.000	0.217	0.022	0.239	
	SE	0.000	0.000	0.000	0.000	0.000	0.061	0.022	0.065	
	Contribution	0	0	0	0	0	11	1	12	49
25	Marks	1	0	0	1	3	8	0	11	56
5.625	Proportions	0.018	0.000	0.000	0.018	0.054	0.143	0.000	0.196	
	SE	0.018	0.000	0.000	0.018	0.030	0.047	0.000	0.056	
	Contribution	1	0	0	1	3	8	0	11	55
26	Marks	0	2	0	2	1	26	2	29	93
4.875	Proportions	0.000	0.022	0.000	0.022	0.011	0.280	0.022	0.312	
	SE	0.000	0.015	0.000	0.015	0.011	0.047	0.015	0.050	
	Contribution	0	2	0	2	1	25	2	28	91
26	Marks	0	0	0	0	2	19	3	24	95
5.250	Proportions	0.000	0.000	0.000	0.000	0.021	0.200	0.032	0.253	
	SE	0.000	0.000	0.000	0.000	0.015	0.041	0.018	0.047	
	Contribution	0	0	0	0	3	30	5	38	149
26	Marks	0	1	0	1	3	17	0	20	86
5.625	Proportions	0.000	0.012	0.000	0.012	0.035	0.198	0.000	0.233	
	SE	0.000	0.012	0.000	0.012	0.020	0.043	0.000	0.048	
	Contribution	0	1	0	1	3	16	0	19	83
27	Marks	0	1	1	2	0	18	1	19	96
4.875	Proportions	0.000	0.010	0.010	0.021	0.000	0.188	0.010	0.198	
	SE	0.000	0.010	0.010	0.015	0.000	0.040	0.010	0.041	
	Contribution	0	1	1	2	0	20	1	22	109
27	Marks	0	0	0	0	2	20	0	22	96
5.250	Proportions	0.000	0.000	0.000	0.000	0.021	0.208	0.000	0.229	
	SE	0.000	0.000	0.000	0.000	0.015	0.042	0.000	0.044	
	Contribution	0	0	0	0	8	76	0	84	367
27	Marks	0	3	0	3	4	21	5	30	96
5.625	Proportions	0.000	0.031	0.000	0.031	0.042	0.219	0.052	0.313	
	SE	0.000	0.018	0.000	0.018	0.021	0.042	0.023	0.052	
	Contribution	0	0	0	0	3	34	0	38	165
Sum	Marks	2	3	1	6	2	53	3	58	240
4.875	Proportions	0.000	0.012	0.004	0.016	0.004	0.227	0.017	0.247	
	SE	0.027	0.018	0.010	0.035	0.022	0.082	0.018	0.087	
	Contribution	0	3	1	4	1	58	4	64	257
Sum	Marks	0	0	0	0	4	49	4	57	237
5.250	Proportions	0.000	0.000	0.000	0.000	0.019	0.207	0.010	0.236	
	SE	0.000	0.000	0.000	0.000	0.021	0.085	0.028	0.092	
	Contribution	0	0	0	0	11	117	6	133	565
Sum	Marks	1	4	0	5	10	46	5	61	238
5.625	Proportions	0.003	0.003	0.000	0.006	0.031	0.194	0.000	0.224	
	SE	0.018	0.021	0.000	0.028	0.042	0.077	0.023	0.090	
	Contribution	1	1	0	2	9	59	0	68	303
Total	Marks	3	7	1	11	16	148	12	176	715
All Gear	Proportions	0.001	0.004	0.001	0.005	0.019	0.208	0.009	0.236	
	SE	0.033	0.028	0.010	0.044	0.052	0.141	0.041	0.155	
	Contribution	1	4	1	6	21	234	10	265	1,125

Appendix E12.–Estimated contributions of thermally marked sockeye salmon to the Sub-district 106-30 gillnet catches, 1999.

Statistical		Tahltan				Tuya				Sample Size	
Week		93	94	95	Total	93	94	95	Total	Domestic	Total Catch
26	Marks	0	1	0	1	8	15	1	23	2	158
	Proportions	0.000	0.005	0.000	0.005	0.049	0.092	0.005	0.146	0.010	
	SE	0.000	0.006	0.000	0.006	0.017	0.023	0.006	0.029	0.008	
	Contribution	0	3	0	3	33	63	3	100	7	687
27	Marks	0	1	0	1	8	15	1	23	2	158
	Proportions	0.000	0.005	0.000	0.005	0.049	0.092	0.005	0.146	0.010	
	SE	0.000	0.006	0.000	0.006	0.017	0.023	0.006	0.029	0.008	
	Contribution	0	6	0	6	64	122	6	192	13	1,321
28	Marks	0	1	0	1	10	19	1	30	2	206
	Proportions	0.000	0.005	0.000	0.005	0.049	0.092	0.005	0.146	0.010	
	SE	0.000	0.005	0.000	0.005	0.015	0.020	0.005	0.026	0.007	
	Contribution	0	12	0	12	118	224	12	353	24	2,425
29	Marks	0	0	0	0	1	5	0	6	3	194
	Proportions	0.000	0.000	0.000	0.000	0.005	0.026	0.000	0.031	0.015	
	SE	0.000	0.000	0.000	0.000	0.005	0.011	0.000	0.013	0.009	
	Contribution	0	0	0	0	10	51	0	61	30	1,965
30	Marks	0	0	0	0	1	0	0	1	2	100
	Proportions	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.010	0.020	
	SE	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.010	0.014	
	Contribution	0	0	0	0	97	0	0	97	194	9,722
31	Marks	0	0	0	0	0	0	0	0	1	99
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	
	Contribution	0	0	0	0	0	0	0	0	61	6,075
32	Marks	0	0	0	0	1	0	0	1	1	100
	Proportions	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.010	0.010	
	SE	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.010	0.010	
	Contribution	0	0	0	0	42	0	0	42	42	4,199
33	Marks	0	0	0	0	0	0	0	0	0	100
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Contribution	0	0	0	0	0	0	0	0	0	3,255
34	Marks	0	0	0	0	0	0	0	0	0	27
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Contribution	0	0	0	0	0	0	0	0	0	916
35-41	Marks	0	0	0	0	0	0	0	0	0	100
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Contribution	0	0	0	0	0	0	0	0	0	935
Total	Marks	0	3	0	3	28	53	3	84	12	1,242
	Proportions	0.000	0.001	0.000	0.001	0.012	0.015	0.001	0.027	0.012	
	SE	0.000	0.009	0.000	0.009	0.032	0.040	0.009	0.052	0.025	
	Contribution	0	22	0	22	365	460	22	846	371	31,500

Appendix E13.–Estimated contributions of thermally marked sockeye salmon to the Sub-district 106-41 gillnet catches, 1999.

Statistical		Tahltan				Tuya				Sample Size	
Week		93	94	95	Total	93	94	95	Total	Domestic	Total Catch
26	Marks	3	2	0	5	31	29	0	60	2	223
	Proportions	0.013	0.009	0.000	0.022	0.139	0.130	0.000	0.269	0.009	
	SE	0.008	0.006	0.000	0.010	0.023	0.023	0.000	0.032	0.006	
	Contribution	91	61	0	152	943	882	0	1,826	61	6,785
27	Marks	0	1	0	1	25	48	0	73	1	288
	Proportions	0.000	0.003	0.000	0.003	0.087	0.167	0.000	0.253	0.003	
	SE	0.000	0.003	0.000	0.003	0.017	0.022	0.000	0.028	0.003	
	Contribution	0	30	0	30	738	1,417	0	2,155	30	8,501
28	Marks	0	0	0	0	10	27	1	38	1	287
	Proportions	0.000	0.000	0.000	0.000	0.035	0.094	0.003	0.132	0.003	
	SE	0.000	0.000	0.000	0.000	0.011	0.017	0.003	0.021	0.003	
	Contribution	0	0	0	0	223	601	22	846	22	6,387
29	Marks	0	0	1	1	12	23	0	35	1	287
	Proportions	0.000	0.000	0.003	0.003	0.042	0.080	0.000	0.122	0.003	
	SE	0.000	0.000	0.003	0.003	0.012	0.016	0.000	0.020	0.003	
	Contribution	0	0	32	32	385	738	0	1,123	32	9,211
30	Marks	0	1	0	1	1	8	1	10	0	284
	Proportions	0.000	0.004	0.000	0.004	0.004	0.028	0.004	0.035	0.000	
	SE	0.000	0.004	0.000	0.004	0.004	0.010	0.004	0.011	0.000	
	Contribution	0	52	0	52	52	420	52	525	0	14,902
31	Marks	0	0	0	0	0	0	0	0	1	100
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	
	Contribution	0	0	0	0	0	0	0	0	126	12,615
32	Marks	0	0	0	0	0	0	0	0	0	100
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Contribution	0	0	0	0	0	0	0	0	0	6,910
33	Marks	0	0	0	0	0	0	0	0	0	100
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Contribution	0	0	0	0	0	0	0	0	0	3,909
34	Marks	0	0	0	0	0	0	0	0	1	81
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.012	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.012	
	Contribution	0	0	0	0	0	0	0	0	33	2,703
35-41	Marks	0	0	0	0	0	0	0	0	1	81
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.012	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.012	
	Contribution	0	0	0	0	0	0	0	0	18	1,455
Total	Marks	3	4	1	8	79	135	2	216	8	1,831
	Proportions	0.001	0.002	0.000	0.004	0.032	0.055	0.001	0.088	0.004	
	SE	0.008	0.008	0.003	0.012	0.033	0.041	0.005	0.052	0.022	
	Contribution	91	143	32	266	2,341	4,058	75	6,474	322	73,378

Appendix E14.–Estimated contributions of thermally marked sockeye salmon to the District 108 gillnet catches, 1999.

Statistical		Tahltan				Tuya					Sample Size
Week		93	94	95	Total	93	94	95	Total	Domestic	Total Catch
26	Marks	0	10	0	10	49	85	0	134	1	458
	Proportions	0.000	0.022	0.000	0.022	0.107	0.186	0.000	0.293	0.002	
	SE	0.000	0.007	0.000	0.007	0.014	0.018	0.000	0.023	0.002	
	Contribution	19	50	0	69	302	505	0	808	6	2,623
27	Marks	1	8	2	11	21	100	3	124	0	422
	Proportions	0.002	0.019	0.005	0.026	0.050	0.237	0.007	0.294	0.000	
	SE	0.002	0.007	0.003	0.008	0.011	0.021	0.004	0.024	0.000	
	Contribution	23	217	54	295	647	2,879	78	3,603	0	11,622
28	Marks	3	11	1	15	16	76	2	94	0	382
	Proportions	0.008	0.029	0.003	0.039	0.042	0.199	0.005	0.246	0.000	
	SE	0.005	0.009	0.003	0.010	0.010	0.020	0.004	0.023	0.000	
	Contribution	52	193	17	261	272	1,303	35	1,610	0	6,609
29	Marks	1	6	0	7	9	35	0	44	0	200
	Proportions	0.005	0.030	0.000	0.035	0.045	0.175	0.000	0.220	0.000	
	SE	0.005	0.012	0.000	0.013	0.015	0.027	0.000	0.031	0.000	
	Contribution	22	122	0	145	196	737	0	934	0	4,078
30	Marks	0	6	0	6	9	21	2	32	5	375
	Proportions	0.000	0.016	0.000	0.016	0.024	0.056	0.005	0.085	0.013	
	SE	0.000	0.006	0.000	0.006	0.008	0.012	0.004	0.015	0.006	
	Contribution	0	106	0	106	164	386	36	587	92	6,775
31	Marks	0	0	0	0	1	2	0	3	2	208
	Proportions	0.000	0.000	0.000	0.000	0.005	0.010	0.000	0.014	0.010	
	SE	0.000	0.000	0.000	0.000	0.005	0.007	0.000	0.008	0.007	
	Contribution	0	0	0	0	12	32	0	44	24	3,281
32	Marks	0	0	0	0	0	3	0	3	2	183
	Proportions	0.000	0.000	0.000	0.000	0.000	0.016	0.000	0.016	0.011	
	SE	0.000	0.000	0.000	0.000	0.000	0.009	0.000	0.009	0.008	
	Contribution	0	0	0	0	0	22	0	22	9	775
33	Marks	0	0	0	0	0	0	0	0	0	8
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Contribution	0	0	0	0	0	0	0	0	0	307
34	Marks	0	0	0	0	0	0	0	0	0	8
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Contribution	0	0	0	0	0	0	0	0	0	160
35-41	Marks	0	0	0	0	0	0	0	0	0	8
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Contribution	0	0	0	0	0	0	0	0	0	318
Total	Marks	5	41	3	49	105	322	7	434	10	2,252
	Proportions	0.003	0.019	0.002	0.024	0.044	0.160	0.004	0.208	0.004	
	SE	0.007	0.019	0.004	0.021	0.027	0.047	0.007	0.054	0.012	
	Contribution	116	688	71	876	1,594	5,865	148	7,607	132	36,548

Appendix E15.–Estimated contributions of thermally marked sockeye salmon to the Wrangell Side test fishery, 1999 by gear size.

Week &		Tahltan				Tuya				Sample Size
Mesh Size		93	94	95	Total	93	94	95	Total	Total Catch
25	Marks	0	1	0	1	3	9	0	12	29
4.60	Proportions	0.000	0.034	0.000	0.034	0.103	0.310	0.000	0.414	
	SE	0.000	0.034	0.000	0.034	0.058	0.087	0.000	0.105	
	Contribution	0	1	0	1	3	9	0	12	29
25	Marks	1	0	0	1	2	1	0	3	18
5.00	Proportions	0.056	0.000	0.000	0.056	0.111	0.056	0.000	0.167	
	SE	0.056	0.000	0.000	0.056	0.076	0.056	0.000	0.094	
	Contribution	1	0	0	1	2	1	0	4	22
25	Marks	0	0	0	0	7	6	0	13	44
5.40	Proportions	0.000	0.000	0.000	0.000	0.159	0.136	0.000	0.295	
	SE	0.000	0.000	0.000	0.000	0.056	0.052	0.000	0.076	
	Contribution	0	0	0	0	8	7	0	15	51
26	Marks	1	4	1	6	14	23	1	38	96
4.60	Proportions	0.010	0.042	0.010	0.063	0.146	0.240	0.010	0.396	
	SE	0.010	0.021	0.010	0.025	0.036	0.044	0.010	0.058	
	Contribution	3	13	3	19	45	74	3	123	310
26	Marks	0	1	0	1	11	33	1	45	96
5.00	Proportions	0.000	0.010	0.000	0.010	0.115	0.344	0.010	0.469	
	SE	0.000	0.010	0.000	0.010	0.033	0.049	0.010	0.060	
	Contribution	0	8	0	8	87	261	8	356	760
26	Marks	1	2	1	4	9	23	0	32	96
5.40	Proportions	0.010	0.021	0.010	0.042	0.094	0.240	0.000	0.333	
	SE	0.010	0.015	0.010	0.021	0.030	0.044	0.000	0.053	
	Contribution	9	18	9	36	82	209	0	290	871
27	Marks	0	2	0	2	6	29	0	35	96
4.60	Proportions	0.000	0.021	0.000	0.021	0.063	0.302	0.000	0.365	
	SE	0.000	0.015	0.000	0.015	0.025	0.047	0.000	0.053	
	Contribution	0	3	0	3	10	48	0	58	158
27	Marks	1	1	0	2	9	20	2	31	59
5.00	Proportions	0.017	0.017	0.000	0.034	0.153	0.339	0.034	0.525	
	SE	0.017	0.017	0.000	0.024	0.047	0.062	0.024	0.082	
	Contribution	1	1	0	2	8	18	2	28	54
27	Marks	1	2	0	3	13	21	0	34	95
5.40	Proportions	0.011	0.021	0.000	0.032	0.137	0.221	0.000	0.358	
	SE	0.011	0.015	0.000	0.018	0.035	0.043	0.000	0.056	
	Contribution	1	3	0	4	19	31	0	51	142
28	Marks	0	0	1	1	7	16	1	24	96
4.60	Proportions	0.000	0.000	0.010	0.010	0.073	0.167	0.010	0.250	
	SE	0.000	0.000	0.010	0.010	0.027	0.038	0.010	0.048	
	Contribution	0	0	2	2	11	26	2	38	153
28	Marks	0	0	0	0	1	5	0	6	27
5.00	Proportions	0.000	0.000	0.000	0.000	0.037	0.185	0.000	0.222	
	SE	0.000	0.000	0.000	0.000	0.037	0.076	0.000	0.085	
	Contribution	0	0	0	0	1	5	0	6	25
28	Marks	1	1	0	2	5	17	0	22	96
5.40	Proportions	0.010	0.010	0.000	0.021	0.052	0.177	0.000	0.229	
	SE	0.010	0.010	0.000	0.015	0.023	0.039	0.000	0.045	
	Contribution	2	2	0	5	12	42	0	55	238
Sum	Marks	1	7	2	10	30	77	2	109	317
4.60	Proportions	0.005	0.026	0.007	0.039	0.107	0.241	0.007	0.355	
	SE	0.010	0.043	0.015	0.046	0.077	0.115	0.015	0.139	
	Contribution	3	17	5	25	69	157	5	231	650
Sum	Marks	2	2	0	4	23	59	3	85	200
5.00	Proportions	0.002	0.010	0.000	0.013	0.115	0.331	0.011	0.457	
	SE	0.058	0.020	0.000	0.061	0.102	0.123	0.026	0.162	
	Contribution	2	9	0	11	99	285	10	394	861
Sum	Marks	3	5	1	9	34	67	0	101	331
5.40	Proportions	0.010	0.018	0.007	0.035	0.093	0.222	0.000	0.315	
	SE	0.018	0.023	0.010	0.031	0.076	0.090	0.000	0.117	
	Contribution	13	24	9	46	122	289	0	411	1302
Total	Marks	6	14	3	23	87	203	5	295	848
All Gear	Proportions	0.007	0.018	0.005	0.029	0.103	0.260	0.005	0.368	
	SE	0.062	0.053	0.018	0.083	0.149	0.191	0.030	0.244	
	Contribution	18	50	14	82	290	731	15	1,035	2,813

Appendix E16.–Estimated contributions of thermally marked sockeye salmon to the Frederick Sound test fishery, 1999 by gear size.

Week &		Tahltan				Tuya				Sample Size
Mesh Size		93	94	95	Total	93	94	95	Total	Total Catch
25	Marks	0	0	0	0	0	1	0	1	9
4.60	Proportions	0.000	0.000	0.000	0.000	0.000	0.111	0.000	0.111	
	SE	0.000	0.000	0.000	0.000	0.000	0.111	0.000	0.111	
	Contribution	0	0	0	0	0	1	0	1	10
25	Marks	0	0	0	0	0	3	0	3	14
5.00	Proportions	0.000	0.000	0.000	0.000	0.000	0.214	0.000	0.214	
	SE	0.000	0.000	0.000	0.000	0.000	0.114	0.000	0.114	
	Contribution	0	0	0	0	0	3	0	3	15
25	Marks	0	1	0	1	1	0	0	1	10
5.40	Proportions	0.000	0.100	0.000	0.100	0.100	0.000	0.000	0.100	
	SE	0.000	0.100	0.000	0.100	0.100	0.000	0.000	0.100	
	Contribution	0	1	0	1	1	0	0	1	10
26	Marks	0	6	0	6	2	8	0	10	96
4.60	Proportions	0.000	0.063	0.000	0.063	0.021	0.083	0.000	0.104	
	SE	0.000	0.025	0.000	0.025	0.015	0.028	0.000	0.032	
	Contribution	0	7	0	7	2	9	0	11	104
26	Marks	0	3	0	3	3	18	0	21	96
5.00	Proportions	0.000	0.031	0.000	0.031	0.031	0.188	0.000	0.219	
	SE	0.000	0.018	0.000	0.018	0.018	0.040	0.000	0.044	
	Contribution	0	4	0	4	4	22	0	25	116
26	Marks	0	6	0	6	2	12	0	14	81
5.40	Proportions	0.000	0.074	0.000	0.074	0.025	0.148	0.000	0.173	
	SE	0.000	0.029	0.000	0.029	0.017	0.040	0.000	0.043	
	Contribution	0	6	0	6	2	11	0	13	77
27	Marks	0	3	0	3	0	10	1	11	96
4.60	Proportions	0.000	0.031	0.000	0.031	0.000	0.104	0.010	0.115	
	SE	0.000	0.018	0.000	0.018	0.000	0.031	0.010	0.033	
	Contribution	0	6	0	6	0	19	2	21	181
27	Marks	1	3	0	4	4	6	0	10	96
5.00	Proportions	0.010	0.031	0.000	0.042	0.042	0.063	0.000	0.104	
	SE	0.010	0.018	0.000	0.021	0.021	0.025	0.000	0.032	
	Contribution	2	6	0	8	8	12	0	20	196
27	Marks	0	3	0	3	1	15	0	16	96
5.40	Proportions	0.000	0.031	0.000	0.031	0.010	0.156	0.000	0.167	
	SE	0.000	0.018	0.000	0.018	0.010	0.037	0.000	0.039	
	Contribution	0	5	0	5	2	24	0	26	154
28	Marks	0	1	2	3	3	14	1	18	96
4.60	Proportions	0.000	0.010	0.021	0.031	0.031	0.146	0.010	0.188	
	SE	0.000	0.010	0.015	0.018	0.018	0.036	0.010	0.042	
	Contribution	0	3	6	9	9	44	3	56	300
28	Marks	0	1	0	1	1	7	1	9	96
5.00	Proportions	0.000	0.010	0.000	0.010	0.010	0.073	0.010	0.094	
	SE	0.000	0.010	0.000	0.010	0.010	0.027	0.010	0.030	
	Contribution	0	5	0	5	5	37	5	48	513
28	Marks	0	1	0	1	1	10	0	11	95
5.40	Proportions	0.000	0.011	0.000	0.011	0.011	0.105	0.000	0.116	
	SE	0.000	0.011	0.000	0.011	0.011	0.032	0.000	0.033	
	Contribution	0	3	0	3	3	33	0	36	312
Sum	Marks	0	10	2	12	5	33	2	40	297
4.60	Proportions	0.000	0.026	0.011	0.036	0.019	0.122	0.008	0.149	
	SE	0.000	0.032	0.015	0.035	0.023	0.124	0.015	0.127	
	Contribution	0	15	6	22	12	72	5	89	595
Sum	Marks	1	7	0	8	8	34	1	43	302
5.00	Proportions	0.002	0.018	0.000	0.020	0.020	0.089	0.006	0.116	
	SE	0.010	0.027	0.000	0.029	0.029	0.126	0.010	0.130	
	Contribution	2	15	0	17	17	75	5	97	840
Sum	Marks	0	11	0	11	5	37	0	42	282
5.40	Proportions	0.000	0.027	0.000	0.027	0.014	0.124	0.000	0.138	
	SE	0.000	0.106	0.000	0.106	0.103	0.063	0.000	0.120	
	Contribution	0	15	0	15	8	68	0	76	553
Total	Marks	1	28	2	31	18	104	3	125	881
All Gear	Proportions	0.001	0.023	0.003	0.027	0.018	0.108	0.005	0.132	
	SE	0.010	0.114	0.015	0.116	0.109	0.188	0.018	0.218	
	Contribution	2	45	6	53	36	215	10	262	1,988

Appendix E17.–Estimated contributions of thermally marked sockeye salmon to the Sub-district 106-30 gillnet catches, 2000.

Statistical		Tahltan				Tuya				Sample Size	
Week		94	95	96	Total	94	95	96	Total	Domestic	Total Catch
26	Marks	0	0	0	0	0	1	0	1	0	70
	Proportions	0.000	0.000	0.000	0.000	0.000	0.014	0.000	0.014	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.014	0.000	0.014	0.000	
	Contribution	0	0	0	0	0	5	0	5	0	363
27	Marks	0	0	0	0	0	1	0	1	0	70
	Proportions	0.000	0.000	0.000	0.000	0.000	0.014	0.000	0.014	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.014	0.000	0.014	0.000	
	Contribution	0	0	0	0	0	22	0	22	0	1,556
28	Marks	0	0	0	0	4	1	0	5	1	39
	Proportions	0.000	0.000	0.000	0.000	0.103	0.026	0.000	0.128	0.026	
	SE	0.000	0.000	0.000	0.000	0.049	0.026	0.000	0.055	0.026	
	Contribution	0	0	0	0	393	98	0	491	98	3,827
29	Marks	0	0	0	0	0	1	0	1	2	191
	Proportions	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.005	0.010	
	SE	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.005	0.007	
	Contribution	0	0	0	0	0	47	0	47	93	8,927
30	Marks	0	0	0	0	0	0	0	0	6	176
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.034	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.014	
	Contribution	0	0	0	0	0	0	0	0	304	8,928
31	Marks	0	0	0	0	1	0	0	1	0	61
	Proportions	0.000	0.000	0.000	0.000	0.016	0.000	0.000	0.016	0.000	
	SE	0.000	0.000	0.000	0.000	0.016	0.000	0.000	0.016	0.000	
	Contribution	0	0	0	0	49	0	0	49	0	2,975
32	Marks	0	0	0	0	0	1	0	1	2	53
	Proportions	0.000	0.000	0.000	0.000	0.000	0.019	0.000	0.019	0.038	
	SE	0.000	0.000	0.000	0.000	0.000	0.019	0.000	0.019	0.026	
	Contribution	0	0	0	0	0	40	0	40	80	2,128
33	Marks	0	0	0	0	0	0	0	0	1	96
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	
	Contribution	0	0	0	0	0	0	0	0	24	2,308
34	Marks	0	0	0	0	0	0	0	0	3	96
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.031	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.018	
	Contribution	0	0	0	0	0	0	0	0	30	962
35-41	Marks	0	0	0	0	0	0	0	0	0	47
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Contribution	0	0	0	0	0	0	0	0	0	239
Total	Marks	0	0	0	0	5	5	0	10	15	899
	Proportions	0.000	0.000	0.000	0.000	0.014	0.007	0.000	0.020	0.020	
	SE	0.000	0.000	0.000	0.000	0.052	0.038	0.000	0.064	0.045	
	Contribution	0	0	0	0	441	212	0	654	630	32,213

Appendix E18.–Estimated contributions of thermally marked sockeye salmon to the Sub-district 106-41 gillnet catches, 2000.

Statistical		Tahltan				Tuya				Sample Size	
Week		94	95	96	Total	94	95	96	Total	Domestic	Total Catch
26	Marks	0	0	0	0	12	10	0	22	3	95
	Proportions	0.000	0.000	0.000	0.000	0.126	0.105	0.000	0.232	0.032	
	SE	0.000	0.000	0.000	0.000	0.034	0.032	0.000	0.047	0.018	
	Contribution	0	0	0	0	377	314	0	691	94	2,982
27	Marks	2	3	0	5	35	75	9	119	1	288
	Proportions	0.007	0.010	0.000	0.017	0.122	0.260	0.031	0.413	0.003	
	SE	0.005	0.006	0.000	0.008	0.019	0.026	0.010	0.034	0.003	
	Contribution	74	112	0	186	1,304	2,793	335	4,432	37	10,726
28	Marks	0	0	1	1	21	44	11	76	1	286
	Proportions	0.000	0.000	0.003	0.003	0.073	0.154	0.038	0.266	0.003	
	SE	0.000	0.000	0.003	0.003	0.015	0.021	0.011	0.029	0.003	
	Contribution	0	0	32	32	673	1,411	353	2,437	32	9,171
29	Marks	0	1	0	1	6	5	2	13	4	285
	Proportions	0.000	0.004	0.000	0.004	0.021	0.018	0.007	0.046	0.014	
	SE	0.000	0.004	0.000	0.004	0.009	0.008	0.005	0.013	0.007	
	Contribution	0	36	0	36	217	181	72	470	145	10,307
30	Marks	0	0	0	0	1	0	0	1	0	96
	Proportions	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.010	0.000	
	SE	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.010	0.000	
	Contribution	0	0	0	0	100	0	0	100	0	9,636
31	Marks	0	0	0	0	1	0	0	1	2	96
	Proportions	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.010	0.021	
	SE	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.010	0.015	
	Contribution	0	0	0	0	81	0	0	81	163	7,820
32	Marks	0	0	0	0	0	0	0	0	1	95
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011	
	Contribution	0	0	0	0	0	0	0	0	34	3,189
33	Marks	0	0	0	0	0	0	0	0	0	96
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Contribution	0	0	0	0	0	0	0	0	0	2,800
34	Marks	0	0	0	0	0	1	0	1	0	96
	Proportions	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.010	0.000	
	SE	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.010	0.000	
	Contribution	0	0	0	0	0	6	0	6	0	540
35-41	Marks	0	0	0	0	0	0	0	0	4	293
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.014	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	
	Contribution	0	0	0	0	0	0	0	0	9	692
Total	Marks	2	4	1	7	76	135	22	233	16	1,726
	Proportions	0.001	0.003	0.001	0.004	0.048	0.081	0.013	0.142	0.009	
	SE	0.005	0.007	0.003	0.009	0.046	0.048	0.016	0.068	0.028	
	Contribution	74	148	32	254	2,752	4,704	760	8,217	514	57,863

Appendix E19.–Estimated contributions of thermally marked sockeye salmon to the District 108 gillnet catches, 2000.

Statistical		Tahltan				Tuya				Sample Size	
Week		94	95	96	Total	94	95	96	Total	Domestic	Total Catch
26	Marks	0	4	0	4	24	12	1	37	4	162
	Proportions	0.000	0.025	0.000	0.025	0.148	0.074	0.006	0.228	0.025	
	SE	0.000	0.012	0.000	0.012	0.028	0.021	0.006	0.035	0.012	
	Contribution	29	28	0	57	226	114	10	350	36	1,322
27	Marks	3	7	0	10	25	26	9	60	2	195
	Proportions	0.015	0.036	0.000	0.051	0.128	0.133	0.046	0.308	0.010	
	SE	0.009	0.013	0.000	0.016	0.024	0.024	0.015	0.037	0.007	
	Contribution	101	151	0	252	808	757	252	1,816	50	4,872
28	Marks	4	0	0	4	18	36	4	58	0	96
	Proportions	0.042	0.000	0.000	0.042	0.188	0.375	0.042	0.604	0.000	
	SE	0.021	0.000	0.000	0.021	0.040	0.050	0.021	0.067	0.000	
	Contribution	97	0	0	97	436	873	97	1,406	0	2,327
29	Marks	1	2	0	3	1	4	3	8	2	83
	Proportions	0.012	0.024	0.000	0.036	0.012	0.048	0.036	0.096	0.024	
	SE	0.012	0.017	0.000	0.021	0.012	0.024	0.021	0.034	0.017	
	Contribution	30	70	0	101	30	122	110	262	61	2,979
30	Marks	0	0	0	0	0	1	0	1	9	157
	Proportions	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.006	0.057	
	SE	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.006	0.019	
	Contribution	0	0	0	0	0	18	0	18	98	2,191
31	Marks	0	0	0	0	0	1	0	1	9	146
	Proportions	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.007	0.062	
	SE	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.007	0.020	
	Contribution	0	0	0	0	0	6	0	6	117	1,446
32	Marks	0	0	0	0	0	1	0	1	6	103
	Proportions	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.010	0.058	
	SE	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.010	0.023	
	Contribution	0	0	0	0	0	3	0	3	60	459
33	Marks	0	0	0	0	0	0	0	0	6	103
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.058	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.023	
	Contribution	0	0	0	0	0	0	0	0	40	185
34	Marks	0	0	0	0	0	0	0	0	6	103
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.058	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.023	
	Contribution	0	0	0	0	0	0	0	0	4	21
											103
35	Marks	0	0	0	0	0	0	0	0	6	
	Proportions	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.058	
	SE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.023	
	Contribution	0	0	0	0	0	0	0	0	5	31
Total	Marks	8	13	0	21	68	81	17	166	50	1,251
	Proportions	0.016	0.016	0.000	0.032	0.095	0.119	0.030	0.244	0.030	
	SE	0.025	0.025	0.000	0.035	0.056	0.065	0.033	0.092	0.053	
	Contribution	258	249	0	506	1,500	1,892	469	3,860	470	15,833

Appendix E20.–Estimated contributions of thermally marked sockeye salmon to the Wrangell Side test fishery, 2000 by gear size.

Week &		Tahltan				Tuya					Sample Size
Mesh Size		94	95	96	Total	94	95	96	Total	Domestic	Total Catch
25	Marks	0	1	0	1	12	1	1	14	1	51
4.60	Proportions	0.000	0.020	0.000	0.020	0.235	0.020	0.020	0.275	0.020	
	SE	0.000	0.020	0.000	0.020	0.060	0.020	0.020	0.066	0.020	
	Contribution	0	1	0	1	12	1	1	14	1	51
25	Marks	0	1	0	1	4	1	0	5	0	27
5.00	Proportions	0.000	0.037	0.000	0.037	0.148	0.037	0.000	0.185	0.000	
	SE	0.000	0.037	0.000	0.037	0.070	0.037	0.000	0.079	0.000	
	Contribution	0	1	0	1	4	1	0	5	0	27
25	Marks	0	1	0	1	11	1	0	12	1	33
5.40	Proportions	0.000	0.030	0.000	0.030	0.333	0.030	0.000	0.364	0.030	
	SE	0.000	0.030	0.000	0.030	0.083	0.030	0.000	0.089	0.030	
	Contribution	0	1	0	1	11	1	0	12	1	33
26	Marks	0	0	0	0	24	20	4	48	1	96
4.60	Proportions	0.000	0.000	0.000	0.000	0.250	0.208	0.042	0.500	0.010	
	SE	0.000	0.000	0.000	0.000	0.044	0.042	0.021	0.064	0.010	
	Contribution	0	0	0	0	131	109	22	262	5	524
26	Marks	2	1	0	3	25	21	1	47	2	96
5.00	Proportions	0.021	0.010	0.000	0.031	0.260	0.219	0.010	0.490	0.021	
	SE	0.015	0.010	0.000	0.018	0.045	0.042	0.010	0.063	0.015	
	Contribution	5	3	0	8	68	58	3	129	5	263
26	Marks	2	2	0	4	28	22	1	51	0	96
5.40	Proportions	0.021	0.021	0.000	0.042	0.292	0.229	0.010	0.531	0.000	
	SE	0.015	0.015	0.000	0.021	0.047	0.043	0.010	0.064	0.000	
	Contribution	12	12	0	23	164	129	6	299	0	563
27	Marks	2	3	0	5	20	25	6	51	0	96
4.60	Proportions	0.021	0.031	0.000	0.052	0.208	0.260	0.063	0.531	0.000	
	SE	0.015	0.018	0.000	0.023	0.042	0.045	0.025	0.066	0.000	
	Contribution	4	6	0	9	38	47	11	96	0	181
27	Marks	2	2	0	4	13	22	3	38	1	96
5.00	Proportions	0.021	0.021	0.000	0.042	0.135	0.229	0.031	0.396	0.010	
	SE	0.015	0.015	0.000	0.021	0.035	0.043	0.018	0.058	0.010	
	Contribution	5	5	0	9	30	50	7	87	2	220
27	Marks	0	3	0	3	13	27	4	44	0	95
5.40	Proportions	0.000	0.032	0.000	0.032	0.137	0.284	0.042	0.463	0.000	
	SE	0.000	0.018	0.000	0.018	0.035	0.047	0.021	0.062	0.000	
	Contribution	0	14	0	14	60	125	19	204	0	441
28	Marks	0	5	0	5	13	22	4	39	1	96
4.60	Proportions	0.000	0.052	0.000	0.052	0.135	0.229	0.042	0.406	0.010	
	SE	0.000	0.023	0.000	0.023	0.035	0.043	0.021	0.059	0.010	
	Contribution	0	7	0	7	19	32	6	56	1	138
28	Marks	1	1	0	2	8	12	4	24	1	62
5.00	Proportions	0.016	0.016	0.000	0.032	0.129	0.194	0.065	0.387	0.016	
	SE	0.016	0.016	0.000	0.023	0.043	0.051	0.031	0.073	0.016	
	Contribution	1	1	0	2	7	11	4	21	1	55
28	Marks	0	2	0	2	7	16	1	24	0	61
5.40	Proportions	0.000	0.033	0.000	0.033	0.115	0.262	0.016	0.393	0.000	
	SE	0.000	0.023	0.000	0.023	0.041	0.057	0.016	0.072	0.000	
	Contribution	0	2	0	2	6	14	1	22	0	55
Sum	Marks	2	9	0	11	69	68	15	152	3	339
4.60	Proportions	0.004	0.015	0.000	0.020	0.223	0.211	0.045	0.479	0.009	
	SE	0.000	0.015	0.035	0.000	0.038	0.092	0.078	0.043	0.025	
	Contribution	4	14	0	18	199	189	40	428	8	894
Sum	Marks	5	5	0	10	50	56	8	114	4	281
5.00	Proportions	0.019	0.016	0.000	0.036	0.194	0.212	0.023	0.429	0.015	
	SE	0.000	0.026	0.044	0.000	0.051	0.100	0.087	0.038	0.024	
	Contribution	11	9	0	20	109	120	13	242	9	565
Sum	Marks	2	8	0	10	59	66	6	131	1	285
5.40	Proportions	0.011	0.026	0.000	0.037	0.221	0.247	0.023	0.492	0.001	
	SE	0.000	0.015	0.045	0.000	0.047	0.110	0.090	0.028	0.030	
	Contribution	12	28	0	40	242	270	25	537	1	1092
Total	Marks	9	22	0	31	178	190	29	397	8	905
All Gear	Proportions	0.010	0.020	0.000	0.031	0.216	0.227	0.031	0.473	0.007	
	SE	0.033	0.072	0.000	0.079	0.175	0.148	0.064	0.237	0.046	
	Contribution	26	52	0	78	551	578	78	1,207	18	2,551

Appendix E21.–Estimated contributions of thermally marked sockeye salmon to the Frederick Sound test fishery, 2000 by gear size.

Week &		Tahltan				Tuya					Sample Size
Mesh Size		94	95	96	Total	94	95	96	Total	Domestic	Total Catch
25	Marks	0	5	0	5	0	3	0	3	0	67
4.60	Proportions	0.000	0.075	0.000	0.075	0.000	0.045	0.000	0.045	0.000	
	SE	0.000	0.032	0.000	0.032	0.000	0.025	0.000	0.025	0.000	
	Contribution	0	5	0	5	0	3	0	3	0	68
25	Marks	0	2	0	2	1	1	0	2	0	54
5.00	Proportions	0.000	0.037	0.000	0.037	0.019	0.019	0.000	0.037	0.000	
	SE	0.000	0.026	0.000	0.026	0.019	0.019	0.000	0.026	0.000	
	Contribution	0	2	0	2	1	1	0	2	0	54
25	Marks	0	1	0	1	1	1	1	3	0	32
5.40	Proportions	0.000	0.031	0.000	0.031	0.031	0.031	0.031	0.094	0.000	
	SE	0.000	0.031	0.000	0.031	0.031	0.031	0.031	0.054	0.000	
	Contribution	0	1	0	1	1	1	1	3	0	32
26	Marks	1	4	0	5	2	4	1	7	0	94
4.60	Proportions	0.011	0.043	0.000	0.053	0.021	0.043	0.011	0.074	0.000	
	SE	0.011	0.021	0.000	0.023	0.015	0.021	0.011	0.028	0.000	
	Contribution	1	5	0	6	2	5	1	8	0	113
26	Marks	3	9	0	12	4	3	1	8	0	95
5.00	Proportions	0.032	0.095	0.000	0.126	0.042	0.032	0.011	0.084	0.000	
	SE	0.018	0.030	0.000	0.035	0.021	0.018	0.011	0.029	0.000	
	Contribution	9	27	0	36	12	9	3	24	0	287
26	Marks	1	5	0	6	2	5	1	8	0	96
5.40	Proportions	0.010	0.052	0.000	0.063	0.021	0.052	0.010	0.083	0.000	
	SE	0.010	0.023	0.000	0.025	0.015	0.023	0.010	0.029	0.000	
	Contribution	1	6	0	7	2	6	1	9	0	106
27	Marks	3	1	1	5	0	13	7	20	0	96
4.60	Proportions	0.031	0.010	0.010	0.052	0.000	0.135	0.073	0.208	0.000	
	SE	0.018	0.010	0.010	0.023	0.000	0.035	0.027	0.044	0.000	
	Contribution	6	2	2	11	0	27	15	42	0	202
27	Marks	2	8	0	10	4	10	3	17	0	95
5.00	Proportions	0.021	0.084	0.000	0.105	0.042	0.105	0.032	0.179	0.000	
	SE	0.015	0.029	0.000	0.032	0.021	0.032	0.018	0.042	0.000	
	Contribution	13	51	0	64	26	64	19	109	0	607
27	Marks	1	10	1	12	4	8	2	14	0	96
5.40	Proportions	0.010	0.104	0.010	0.125	0.042	0.083	0.021	0.146	0.000	
	SE	0.010	0.031	0.010	0.035	0.021	0.028	0.015	0.038	0.000	
	Contribution	2	18	2	21	7	14	4	25	0	168
28	Marks	0	2	0	2	2	6	3	11	0	93
	Proportions	0.000	0.022	0.000	0.022	0.022	0.065	0.032	0.118	0.000	
4.60	SE	0.000	0.015	0.000	0.015	0.015	0.026	0.018	0.035	0.000	
	Contribution	0	3	0	3	3	9	5	17	0	147
28	Marks	0	3	0	3	1	12	3	16	0	96
5.00	Proportions	0.000	0.031	0.000	0.031	0.010	0.125	0.031	0.167	0.000	
	SE	0.000	0.018	0.000	0.018	0.010	0.034	0.018	0.040	0.000	
	Contribution	0	8	0	8	3	34	8	45	0	271
28	Marks	0	2	0	2	2	2	2	6	0	80
5.40	Proportions	0.000	0.025	0.000	0.025	0.025	0.025	0.025	0.075	0.000	
	SE	0.000	0.018	0.000	0.018	0.018	0.018	0.018	0.030	0.000	
	Contribution	0	2	0	2	2	2	2	6	0	80
Sum	Marks	4	12	1	17	4	26	11	41	0	350
4.60	Proportions	0.014	0.029	0.004	0.047	0.011	0.084	0.039	0.134	0.000	
	SE	0.000	0.021	0.043	0.010	0.049	0.021	0.055	0.034	0.000	
	Contribution	8	15	2	25	6	45	21	71	0	530
Sum	Marks	5	22	0	27	10	26	7	43	0	340
5.00	Proportions	0.018	0.073	0.000	0.091	0.034	0.088	0.025	0.148	0.000	
	SE	0.000	0.023	0.052	0.000	0.057	0.036	0.053	0.027	0.000	
	Contribution	22	89	0	111	41	108	31	180	0	1219
Sum	Marks	2	18	1	21	9	16	6	31	0	304
5.40	Proportions	0.007	0.067	0.005	0.079	0.032	0.058	0.020	0.110	0.000	
	SE	0.000	0.015	0.053	0.010	0.056	0.044	0.051	0.040	0.000	
	Contribution	3	26	2	31	12	23	8	42	0	386
Total	Marks	11	52	2	65	23	68	24	115	0	994
All Gear	Proportions	0.015	0.061	0.002	0.078	0.028	0.082	0.028	0.137	0.000	
	SE	0.035	0.086	0.015	0.094	0.061	0.092	0.059	0.125	0.000	
	Contribution	32	130	4	166	59	175	59	293	0	2,135