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U.S./CANADA NORTHERN BOUNDARY AREA
1987 SALMON FISHERIES MANAGEMENT REPORT
AND 1988 PRELIMINARY EXPECTATIONS

January 1988

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1.0

INTRODUCTION

This report reviews the 1987 Boundary Area pink, chum and sockeye salmon fisheries of Southeast Alaska and Northern British Columbia and outlines preliminary 1988 expectations and fishing plans. The document is submitted to the Pacific Salmon Commission as required in Article IV of the Pacific Salmon Treaty. The report describes for Alaska and then for Northern British Columbia a review of the 1987 season, followed by a review of management performance in relation to treaty requirements and then the 1988 sockeye, pink and chum expectations. Tables of catch and escapement are provided. A section from the 1985 Northern Boundary Technical report consisting of a description of the boundary area fisheries, their historic development, and a review of changes in gear efficiency is included for reference in section 3.0.

2.0

FISHERY REVIEW IN 1987 AND EXPECTATIONS FOR 1988

2.1

SOUTHERN SOUTHEAST ALASKA

2.1.1 1987 Salmon Forecast

Formal forecasts are not made for species of salmon other than pinks. The 1987 pink salmon forecast indicated a point return of 27.2 million fish to southern Southeast Alaska. With a return of this magnitude and the attainment of a 6 million escapement goal, a harvest of 21.2 million pink salmon was indicated. The two most important factors upon which the forecast was based were an escapement of 12.3 million pink salmon in 1985, the highest on record since statehood, and winter air temperatures for that year being the lowest on record. Since these two factors were outside the range of previous values, the regression analysis utilized may well either under- or over-estimate the return.

2.1.2 Review of 1987 Fishing Season

District 104 Seine Fishery:

The District 104 seine fishery (Figs 1 and 2) opened by regulation on July 5 for 15 hours. The U.S./Canada Salmon Treaty calls for limiting the sockeye salmon catch in that fishery during the period 1985 through 1988 to a maximum four year total of 480,000 caught prior to statistical week 31. The 1987 purse seine management plan for the district called for a guideline harvest level of 120,000 during the first three weekly fishing periods prior to statistical week 31. In 1985 five fishing days were allowed during the first three weeks of fishing and six days in 1986. The corresponding catches of sockeye salmon for this time period were 101,000 and 91,000, respectively.

In 1987 between July 5 and July 25 a total of five days were fished (one day in statistical week 28 and two days each in weeks 29 and 30). The sockeye harvest for that period of time was 72,000. The total fishing effort for these three weeks was 390 boat-days, compared with 807 boat-days in 1986 and 392 in 1985. The reduced early effort from 1986 in District 104 may have been due to the availability of chum salmon at Hidden Falls on the N.E. coast of Baranof Island (District 112), the early success of the northern southeast pink salmon run, and the low numbers of early sockeye salmon in the district.

During the entire fishing season in District 104 in 1987, 171,000 sockeye salmon were harvested, compared with 444,000 in 1986 and 432,000 in 1985. In 1987 42% of the harvest was taken prior to statistical week 31 compared with 20% in 1986 and 23% in 1985. However, the 1987 percentage is close to the average from 1980 to 1985 (44%). The low harvest of sockeye salmon in 1987 (lowest since 1978) is probably a reflection of the failed pink salmon run in the southern Southeast districts rather than due to availability of sockeye salmon.

Gear levels in 1987 started out low for the first 4 weeks, were relatively high for the next 2 weeks and dropped somewhat for the last week. High numbers of boats corresponded with maximum pink salmon abundance in the district. Maximum total weekly catches of all species were obtained in week 32 with a harvest of just over one million salmon by 178 seine vessels. This is low compared to over 8 million salmon by 220 seine vessels for week 32 in 1986. Total harvest of all species over the entire season was 2 million in 1987 compared with nearly 20 million in 1986. Most of this reduction is reflected in the pink harvest which was nearly 19 million in 1986 and only 1.7 million in 1987. The poor return of pink salmon necessitated an early closure in District 104. The final opening of the year occurred on August 22, was for 15 hours, and was only in the area south of the latitude of Beak Point. Weekly catches of pink, chum, and sockeye salmon for the years 1974 through 1987 are given in Tables 1-3.

Districts 101, 102, and 103 Seine Fishery:

Under management for pink salmon, the fisheries in District 101, 102, and 103 (Figs 1 and 2) were open for a total of 8 days during the first 5 weeks, 6 days during the next 4 weeks, and 3 days during the next 2 weeks, respectively. They were then open for fall chum salmon fishing for an additional 6, 7, and 3 weeks, respectively. Districts 101 and 102 each had two additional weeks of fishing openings in terminal harvest areas (weeks 28 and 35 in District 101 and weeks 28 and 29 in District 102).

Catches of pink, chum and sockeye salmon in all three of these districts were considerably lower than in 1986 and in most cases also lower than in 1985 (the exception was chum harvests in District 103 which were similar in 1985 and 1987). Weekly catches of pink, chum, and sockeye salmon for each of these three districts for the years 1974 through 1987 are given in Tables 4-12.

Returns of pink salmon to these three districts were well below the forecasted levels. The combined harvest of 4.1 million pink salmon from the three districts is the lowest since the mid 1970's. Escapements in Districts 101 to 103 were much lower than in 1986 but were near the published escapement goals. District 101 and 103 escapements being slightly above the goals and District 102, slightly below. The estimated index escapement to the entire southern Southeast region was just above 5 million, compared with the goal of 6 million.

District 101 Tree Point Gill Net Fishery:

The Tree Point gill net fishery (Figs 1 and 2) opened by regulation on June 21 for a four day period. During this opening and all subsequent openings, Portland Canal was closed north of Akeku Point in order to conserve stocks of chum salmon returning to Portland Canal. Weekly catches of pink, chum, and sockeye salmon for the Tree Point gill net fishery for the years 1974 through 1987 are given in Tables 13-15.

During the second fishing week (statistical week 27) a three day fishing period was established with a night time fishing restriction in order to conserve immature feeder chinook salmon. The overall reduced fishing time was also necessary to conserve the below average returns of sockeye and chum salmon. In statistical week 28 a two day fishing period was established due to the low escapement of sockeye salmon in the Nass River and below average landings of natural stock chum salmon.

Beginning on July 12 (statistical week 29) and extending through August 16 (week 34) the Tree Point gill net fishery was managed according to the District 101 Pink Salmon Management Plan. The plan provides by regulation that the gill net fleet fish on a schedule that is tied to the seine fishery when the two fleets are harvesting concurrently on the same stocks of pink salmon. Due to the weak returns of pink salmon to District 101 the fishing time at Tree Point was reduced as compared to the past several years. However, the harvest of pink salmon at Tree Point did not reflect the poor returns being experienced in most portions of the district. Above average catches of pink salmon were due partly to the large average weight of the pink salmon, (larger fish are more susceptible to the year), good pink salmon returns to Portland Canal, and reduced purse seine time and effort. Tree Point was not opened during the week of August 16 due to the need to bolster pink salmon escapement levels in the district.

Fall season management was initiated on August 23 with a 24 hour fishing period. From the opening on August 23 through the closing of Tree Point on September 22 the harvest of chum salmon remained at a high level. Gear levels remained high during the final four weeks of the season. As in the past several years the harvest of chum salmon released at Nakat Inlet by the Southern Southeastern Regional Aquaculture Association (SSRAA) were heavily harvested by the Tree Point fleet. Preliminary results indicate that approximately 14,600 summer chum and 42,000 fall chum salmon from Nakat Inlet releases were harvested at Tree Point. This is approximately

36% of the chum salmon harvested. This was the first year of returning SSRAA coho salmon to Nakat Inlet. Approximately 3,350 coho salmon destined for Nakat Inlet were harvested during the normal course of the fishery.

The sockeye harvest of 108,000 salmon is below the 130,000 average annual harvest agreed upon in the treaty. This year's harvest is a reflection of reduced fishing time rather than of availability of the resource. Hugh Smith Lake experienced an excellent return of 33,000 sockeye salmon. This is the second largest escapement in recent years.

2.1.3 Management Performance Relative to Treaty Requirements

District 104 Seine Fishery:

The U.S./Canada Treaty calls for a maximum total harvest of 480,000 sockeye salmon from District 104 prior to statistical week 31 over the four year period 1985 through 1988. In 1987 a total of 72,000 sockeye salmon were taken prior to statistical week 31; in 1986, 91,000; and in 1985, 101,000. This leaves a balance of 216,000 sockeye salmon that have not been harvested.

District 101 Tree Point Gill Net Fishery:

The U.S./Canada Treaty specifies that the District 1-A and 1-B (see Fig.1) gill net fishery be limited in a manner that will result in an average annual harvest of 130,000 sockeye salmon. The 1987 harvest of sockeye salmon in the Tree Point gill net fishery was 108,000. The average over the past three years is 142,000 and over the last 14 years (1974-1987), 125,000.

2.1.4 1988 Salmon Forecast for Southern Southeast Alaska

The brood year (1986) escapement index of pink salmon for Southeast Districts 101 to 108 was the highest on record. Winter conditions encountered by pinks returning in 1988 were milder than average. Based on this data, the preliminary mid-point forecast for the 1988 pink salmon total run for southern Southeast Alaska is 44.1 million. Exceptionally large numbers of pink fry were observed during the early marine survival documentation program and this suggests that if there is an error in the 1988 prediction it will be an underestimation of the return. With an escapement goal of 6 million a harvest of approximately 38 million pink salmon can be anticipated.

Distribution in the return should be similar to that of recent years. The majority of fish should be harvested off the west coast of Prince of Wales Island in Districts 103 and 104. A strong showing in District 101 is also expected.

2.2

NORTHERN BRITISH COLUMBIA

2.2.1 1987 Salmon Forecast

Area 1:

Pink - 1987 was an off year for pinks and therefore no fishery on local stocks was expected.

Area 3:

Sockeye - A return of 450,000 sockeye to the Nass River was expected from escapements that were above (1982) or near (1983) target escapements.

Pink - The brood year escapement of 500,000, one of the largest on record, was expected to produce a total return of 1,400,000.

Chum - The brood year escapements were poor, and the total expected return of local stocks was 80,000. Catches are generally incidental during pink and sockeye fisheries.

Area 4:

Sockeye - A below average return of 1,300,000 was expected based on smolt to adult survival rates (affected by disease at Fulton River) and average rate of return information.

Pink - An above average return of 2,500,000 was expected based on projections using recent year average return rates.

Area 5:

Sockeye - A below average run of 60,000 was expected from weak brood year escapements. No directed fishery was planned on the small local stocks.

Pink - A return of 525,000 was expected.

2.2.2 Review of 1987 Fishing Season

Net Fisheries:

The location of the Canadian Department of Fisheries Statistical Areas within Northern British Columbia is illustrated in Figure 3.

Area 1:

The Area 1 net fishery can be separated into two distinct fisheries. The fishery on passing stocks (July to mid-August) is concentrated in the Langara Island region off the northwest corner of the Queen Charlotte

Islands. This is predominantly a seine fishery harvesting passing sockeye and pink salmon bound mainly for the Skeena. Nass, Fraser and S.S.E. Alaskan stocks are also caught incidentally. The second fishery (mid-August to October) in Masset Inlet and Naden Harbour is a gillnet and seine fishery for surplus local chum and even-year pink stocks. Area 1 weekly net catch and effort information for 1987 is outlined in Tables 16 and 17. Annual Area 1 gillnet and seine catch from 1973 to 1987 is also provided for comparison (Table 18). A map of the local management subareas is included (Figure 4).

The 1987 fishery on passing stocks opened July 12 and operated for a total of 10 fishing days before closing August 18. The sockeye catch totaled only 41,000 combined with a total pink catch of 128,000.

The fishery on local chum stocks opened September 14 to assess run strength. Catches were poor and the fishery was only open for a total of 3 days.

The pink salmon escapements to Area 1 were very poor, as expected for this off year, totaling only 4500. Chum escapements were on or near target with 51,000 spawners in total.

Area 3:

Management units (sub-areas) of Statistical Area 3 are outlined in Figure 5. In recent years, the Area 3 sockeye gillnet fishery has begun in late June or early July. In-season abundance is determined from the Nass River test fishery, local Native food fisheries and from Canadian and Alaskan commercial catch levels.

The Area 3 fishery is managed for Nass sockeye salmon until mid July. After mid-July the Area 3 outside fishery is managed to Nass pink and Skeena pink and sockeye stock abundance. The inside fishery is managed to Nass sockeye, pink and chum abundances.

The 1987 net fishery in Area 3 began on July 5 for gillnets and July 12 for seines while the season ended on August 25 for both gear types. There was a total of 19 days fishing for gillnets while seine fishing days totalled 18. Weekly 1987 hauled catch data by gear type for Areas 3(1-4), 3(7-17) and total Area 3 are presented in Tables 19 to 24. In addition annual gillnet and seine saleslip catch information for these same area groupings are provided for comparison (Tables 25 to 27). The gillnet sockeye catch of 47,198 and the seine catch of 208,794 were poor reflecting the low sockeye returns to both the Nass and Skeena Rivers. The fishing time in late June and early July was greatly reduced in response to the weak sockeye returns to the Nass.

The gillnet pink catch of 196,508 and the seine catch of 3,507,161 were well above both the average and expected levels. From mid-July onward the abundance of Skeena/Nass pink salmon drove the Area 3 fishery. Of the total Area 3 pink catch (3,703,669), 50 percent or 1,851,801 was taken in outside management units 3(1-4), which is well below the pre-treaty

(1973-84) average of 74 percent. The seine pink catch accounted for 95 percent of the total Area 3 catch with the total seine effort of 1,780 boat days being well above the 1973-87 average of 1,155. In 1987, 59 percent of the total seine effort was expended in management units 3(1-4) which is lower than the 1973-84 average of 68 percent.

Pink escapements totaled 375,000 and were near desired levels for all Area 3 streams except for outside coastal streams which were very poor. Target escapement was 300,000.

Sockeye escapements to the Nass were poor, with only 142,000 past the Meziadin Fence and an estimated Area 3 total of 180,000, below the target of 220,000.

Preliminary escapements for 1987 for Areas 3, 4 and 5 and Area 3 historical annual escapements are presented in Tables 28 and 29.

Area 4:

The Area 4 gillnet fishery opens in late June or early July, and targets on the Skeena sockeye returns. Seine openings are dependant on the requirement to harvest Skeena sockeye and pink salmon, and the need to balance the domestic seine-gillnet catch allocations. The emphasis for management switches to pinks in early August after the bulk of the sockeye run is through. In-season abundance is determined by the Skeena test fishery, native food fish catches and commercial catches in Area 4 and in adjacent Canadian fishing areas and in S.S.E. Alaska.

The 1987 net fishery in Area 4 began for gillnets on July 5 and ended on August 24 with a total of 17 days fishing. Seines were permitted to fish in Area 4 for 2 days in July (July 20 and 21) and 5 days in August (August 10, 11, 12, 17 and 18). The 1987 weekly hauled catch information by gear type is provided in Tables 30 and 31 along with annual catch by gear from 1973 (Table 32). The gillnet sockeye catch of 459,388 and the seine catch of 50,757 were above expected but well below the 1973-87 averages of 826,767 and 104,959 respectively. Fishing time in July was well below normal due to the indications of low sockeye abundance from the Skeena test fishery. The total Area 4 pink catch of 2,020,730 is the second best on record for both even and odd year returns. The gillnet and seine effort in 1987 were well below the 1973-87 average. The preliminary 1987 spawning escapements and annual escapements are provided in Tables 28 and 33.

The preliminary sockeye escapement estimate of 1.33 million is well above the management target of 900,000 and the test fishery estimate of 825,000. The majority of the surplus escapement is believed to have occurred during freshet conditions from late June to mid-July when the Skeena test fishery underestimated the escapement. The pink escapement estimate of 3.18 million is also well above the management target of 1.0 million largely due to limitations on maximum days fishing per week to conserve Skeena coho, chum and steelhead.

Area 5:

The Area 5 fishery regulation during July is based on Skeena sockeye abundance with closures to protect depressed local sockeye stocks. In early August, the fishery targets on Skeena pink stocks which use Area 5 as a major migration route. In late August fisheries are managed to target on local surplus pink stocks.

The 1987 net fishery in Area 5 began on July 5 for gillnets and July 12 for seines. August 18 was the last day for both gear types. Hauled catch information by gear type for 1987 and previous years back to 1973 are presented in Tables 34 to 36. The total sockeye harvest of 38,507 was slightly above average while the total pink catch of 563,263 was well above average. A large percentage of the sockeye and pink catch was comprised of Skeena fish although local stocks were harvested throughout the season. Of the total Area 5 pink catch, 8,661 or 1.5 percent was harvested in Management Units 5-11.

Preliminary 1987 escapement information and annual historical spawning escapements are provided in Tables 28 and 37.

Area 1 Pink Troll Fishery:

The 1987 Area 1 pink troll fishery opened July 1, and concluded September 8 when the North Coast was closed to all trolling. The pink troll catch was monitored inseason by hailing trollers on the grounds to establish catch rates and conducting overflights to estimate effort. The Area 1 subceiling of 300,000 was reached July 31 and pink troll nonretention was implemented in the designated area adjacent to the A-B line (Figure 6). The Area 1 pink troll catch for the season was estimated to be 400,000 in the treaty area and 1,200,000 in the nontreaty area for a total of 1,600,000 for all of Area 1. Tables 38 and 39 illustrate the Area 1 weekly troll catches for 1987 and annual (1973-1987) Area 1 troll catches.

2.2.3 Management Performance Relative to Treaty Requirements

Areas 3(1-4) and 5-11 Pink Net Catch:

Under the Pacific Salmon Treaty the outside portions of Statistical Areas 3 and 5 (Management Units 3-1, 3-2, 3-3, 3-4 and 5-11) are to be managed such that an average annual pink harvest of 900,000 is achieved.

In 1987, 1,860,462 pinks were harvested in Management Units 3(1-4) and 5-11 combined. The high Area 3 catch in 1987 reflects the strength of the pink return to Areas 3 and 4. Figures 7 and 8 illustrate the pink catch by net gear type for subareas 3(1-4) and total Area 3 from 1973-87. Figure 9 tracks the proportion of the Area 3 net catch taken from subareas 3(1-4) from 1973 to 1987. Equivalent effort statistics are provided in Figures 10, 11 and 12. The proportion of the catch taken in subarea 3(1-4) was lower than any years in the 1970's and similar to the pattern

of the past four years. The effort level in Area 3 in 1987 was very low for gillnets, and at moderate levels for seines. Of the total seine effort in 1987, 59% was expended in subareas 3(1-4), less than the pre-treaty 1973-84 average of 68%.

The years 1985, 1986 and 1987 have been characterized by exceptionally large pink returns to Areas 3, 4. The Skeena-Nass fisheries are managed to harvest pink surplus to Areas 3, 4 and 5. The outcome has been large or record level pink catches, and consequently the current average annual pink harvest in the treaty area (subarea 3(1-4) and 5-11) has averaged 1,750,000.

Area 1 Pink Troll Fishery:

The pink troll catch from the southwest portion of Area 1 (that area south and west of Langara Island) was excluded from the Area 1 1987 catch for purposes of the treaty (Figure 6). The Area 1 pink troll fishery regime was modified for 1987 to allow a total Area 1 pink troll catch ceiling of 800,000 in the treaty portion of Area 1. In addition, an area adjacent to the Canada-U.S. boundary in the northern portion of Area 1 (Area 101-4, 101-8 and those portions of 101-3 and 103 north of 54 degrees 37 minutes N. latitude, see Figure 10) would close to pink retention when the Area 1 treaty area catch reached 300,000.

Treaty Related Performance:

The pink catch in the treaty area did not reach the overall ceiling of 800,000. The 300,000 subceiling nonretention area was implemented as required when the catch reached 300,000 (closure: midnight, July 31). The small number of trollers that remained fishing in the A-B line area after pink retention was implemented were fishing coho and were complying with pink nonretention.

The inseason monitoring of the Area 1 pink troll fishery compared well with the saleslip estimates for the first 3 weeks of July, then underestimated for the last half of the season (Figure 13). Since the bulk of the treaty area catch occurred during the first three weeks of July, the date of closure at the subceiling of 300,000 is believed to be accurate.

2.2.4 1988 Salmon Forecast Northern British Columbia

Introduction:

Expectations and fishing plans are still preliminary. Specific opening dates and fishing patterns are determined through consultations with industry and since this process has not yet been completed it is too early to provide details. A summary of the forecasts for Areas 1, 3, 4 and 5 are provided in Table 40.

Area 1 Expectations:

Sockeye - There are no significant local sockeye stocks in Area 1. A catch of 70,000 Skeena and Nass sockeye is anticipated.

Pink - A surplus of pinks is expected to Naden Harbour and possibly to Masset Inlet.

Chum - A small surplus is anticipated to Masset Inlet.

Fishing Plans - A fishery on Skeena-Nass bound sockeye and pink salmon is planned, and management will be based on abundance of these stocks. Fisheries in August and September will be conducted in the vicinity of Naden Harbour and Masset Inlet to assess pink and chum strength.

Area 3 Expectations:

Sockeye - A poor sockeye return to Area 3 of 390,000 is expected and should provide for an Area 3 net catch of 160,000. In addition a catch of 175,000 Skeena sockeye is anticipated for a total catch of 335,000. There is concern that this expectation may be optimistic if the coast-wide sockeye depression evident in recent returns was to continue through 1988.

Pink - A pink return of 775,000 is anticipated, sufficient to provide an Area 3 catch of 400,000. In addition, 800,000 Skeena pink should be caught in Area 3 net fisheries, for a total catch of 1,200,000.

Chum - Area 3 chum stocks remain depressed. An incidental catch of 50,000 Area 3 chum and 80,000 chum bound for other areas is anticipated.

Fishing Plans - A moderate level sockeye fishery and a large pink fishery are anticipated. Measures to reduce the catch of coho, chum and chinook will continue and no significant changes in the harvest patterns are anticipated.

Area 4 Expectations:

Sockeye - The Skeena sockeye return is forecast to be 2,400,000 providing an Area 4 commercial net catch of 1,120,000. The concern over the poor coast-wide sockeye return in recent years also applies to the Skeena system.

Pink - The total Skeena pink return is forecast at 5,000,000. This is expected to provide an Area 4 catch of 2,000,000.

Chum - Skeena chum escapements are severely depressed and chum are only caught incidentally.

Fishing Plans - A large July fishery for sockeye, coupled with a large August fishery for pink is the fishing plan for 1988. No departures from the 1987 management practices are currently planned.

Area 5 Expectations:

Sockeye - Small local stocks will not have a harvestable surplus in 1988.

Pink - A pink surplus of 435,000 local stocks coupled with a catch of 400,000 Skeena pink should provide a total catch of 835,000 in Area 5.

Chum - Chum stocks are depressed and no target fisheries are anticipated.

Fishing Pattern - Area 5 fishing patterns will be based on the abundance of Skeena sockeye and pink.

3.0 HISTORICAL DESCRIPTION OF BOUNDARY AREA FISHERIES

3.1 SOUTHERN SOUTHEAST ALASKA

3.1.1 Tree Point

The Tree Point gill net area, also known as the Cape Fox, Portland Canal, District 1B, District 101-11, and Foggy Bay gill net fisheries, was offered as an alternative to a gill net fishery in Burroughs Bay which existed prior to 1957. The fishery was initiated in 1957 in the Portland-Pearse Canal area and was designed primarily to target chum salmon stocks arising from Portland Canal production. Expansion of the gill net fishery outside the Canal began in 1960 and by 1963 gill net gear was fishing the entire shoreline between Garnet and Foggy Points. Prior to the 1957-1960 period, purse seines operated in both Section 1A and Section 1B and fish traps operated in Section 1B (see Figures 1 and 2).

Prior to 1972, the season start up dates for Sections 1A and 1B were determined annually by the Board of Fisheries. The 1B portion began as early as June 9 and as late as June 19 and the 1A portion as early as June 9 and as late as July 21. In an effort to standardize the opening dates, in 1972 the Board set the openings for 1B and 1A for the third Sunday in June and July, respectively. The late opening date for 1A was established in recognition of the generally depressed condition of the chum stocks in the area. In keeping with this concern, in 1979 the established opening date for Section 1A was completely removed from the regulations and openings and closures have been carried out entirely by emergency order.

During the years prior to 1970, the gear level in the fishery remained fairly constant, generally below 90 vessels. Following 1970, it rapidly increased to 150-200 vessels during peak weeks. The level remained relatively high through 1979 and then dropped somewhat to it's present level of between 100-135 boats during the season's peak.

In the years since its inception, the fleet's efficiency has increased considerably. Most fishermen have upgraded to more powerful, larger

vessels capable of fishing in more severe weather conditions than in the earlier years of the fishery. Nets currently used in the fishery have a higher catch rate than did the nets used a few years ago because of both the improved materials used in their construction and improved ability to match colors and mesh size to the various fisheries in the region. Although, by regulation, monofilament nets are prohibited from use, newer nets employ materials constructed of multiple strands of monofilament loosely gathered around a central core. Processors buying Tree Point fish production have accommodated the fleet by making available ice on-the-grounds and a tender fleet which both improves the quality of the catch as well as making it possible for the fishermen to spend more time fishing. At present the 1B portion of the Tree Point gill net fishery continues to be opened by regulation on the third Sunday in June. Early in the season, the fishery targets on sockeye and chum stocks destined for Alaskan watersheds, the majority of which are located in Portland Canal, Revillagigedo Channel, Boca de Quadra and Behm Canal and sockeye returns to the Nass and Skeena Rivers located in northern British Columbia. Beginning in mid-July management emphasis is placed on pink salmon stocks with the opening of portions of the inside waters to seining. The Pink Salmon Management Plan for District 101 generally remains in effect through August.

5 AAC 33.360. DISTRICT ONE PINK SALMON MANAGEMENT PLAN.

In District 1, when a purse seine fishery is harvesting pink salmon stocks subject to concurrent salmon fishing by drift gillnets in Section 1-B, the following time formula must be followed for the Section 1-B drift gill net fishery.

- (1) when the purse seine fishery is open for any portion of one day during a fishing week, the drift gill net fishery must be open for 48 hours during the same fishing week;
- (2) when the purse seine fishery is open for any portion of two days during a fishing week, the drift gillnet fishery must be open for 96 hours during the same fishing week;
- (3) when the purse seine fishery is open for any portion of three or more days during a fishing week, the drift gillnet fishery must be open for 120 hours during the same fishing week.

Authority: AS 16.05.060
AS 16.05.251

By mid-August, the fleet begins to leave Tree Point for points north and south, and by late August, the remaining fleet size is generally less than 50 boats. Late August and September management is based on the harvest of late chum and coho returns. During this period, effort is greatly reduced

over earlier fishing weeks. The fishery is closed each year on or before September 20 when the troll coho season closes.

The 1A portion of the gill net area has not been open since 1973 in an effort to increase chum escapements to the Portland Canal watershed.

3.1.2 District 104

The District 104 (Noyes Island) purse seine fishery (See Figures 1 and 2) began in the early 1930's. In its early years the fishery was conducted on an intermittent basis. With the advent of traps in the area in the 1930's, the harvest was taken by both gear types until traps were abolished when Alaska became a state.

By the early 1940's the District 104 purse seine fishery was making contributions to canneries located at Waterfall, Steamboat Bay, Craig, Hydaburg, and Klawock, all located on the west coast of Prince of Wales Island.

From its inception until 1968 the fishery generally operated on a six-day fishing week beginning in early July. The rationale for this was that the fishery was often hampered by severe wind and sea conditions and, therefore, was significantly less efficient than the inside seine fisheries which operated on a standard four-day week. Further, it was thought that, because the fishable coastline in District 104 accounted for only a small portion of the available coastline bordering outside waters, only a small portion of the total inshore salmon migration would be vulnerable to the fishery. It has become apparent that this assumption is erroneous. In recent years, the fishery has demonstrated a capability for harvesting significant portions of the inshore migrating pink salmon returns as well as other species.

In 1969, because of a continuing decline in the pink salmon stocks in southern Southeast Alaska, the standard fishing week in the district was reduced to four days. During the 1970's stock levels showed little sign of recovery and the need for drastic measures became apparent if stocks were to be returned to a state of health which would warrant a viable commercial harvest. In the early to mid-1970's fishing in District 104 as well as inside districts was severely curtailed in an effort to improve escapements. In recent years, early season fishing effort in the district has been stabilized in keeping with U.S.-Canada interim agreements and the need to conserve U.S. salmon stocks.

During the 1970's the health of the salmon stocks in southern Southeast Alaska has exhibited an improved trend. Along with this, the ability of the seine fleet to harvest salmon has been significantly increased. Early in the decade some industry groups began building new limit seine vessels (50 feet length, 58 feet overall) to replace smaller outmoded vessels in their fleets. Shortly thereafter, individual fishermen began upgrading to larger, more efficient vessels; large seine skiffs with more powerful engines; and stronger, heavier, and deeper gear. Along with this came the

ability to fish during more inclement weather along the outer coastal areas. In addition, many of the vessels now carry tanks or other means of holding fish throughout an entire fishing period giving them the ability to fish longer hours making more "sets," especially if the half-purse method is employed.

At present, District 104 continues to be opened by regulation on the first Sunday in July. Beginning in 1981 fishing time during the initial period was curtailed to two days then to one day in 1984 for the purpose of reducing effort on sockeye and chum stocks early in July. Tagging indicates that sockeye stocks harvested in the District 104 fishery in July are returning to a large number of watersheds in southern Southeast Alaska and the Skeena and Nass Rivers in northern British Columbia. Chum stocks are thought to be primarily returning to watersheds located in inside southern Southeast Alaska areas, however, limited tagging of chum in District 104 in 1983 indicated that Canadian chum salmon were also present. Toward mid-to-late July, management emphasis changes to pink salmon and continues on this basis until the end of the season, generally in late August. During this period the fishery has been restricted to the same amount of fishing time allowed in inside areas. However, if weak pink salmon runs develop in inside areas, fishing time in District 104 is reduced or portions of the District closed.

3.1.3 Clarence Strait--Revillagigedo Channel

Seine fisheries in lower Clarence Strait and Revillagigedo Channel have existed at various levels of interest since at least the 1930's. With the termination of trap fishing in 1959, the seine fishery became the primary method of harvesting the salmon stocks passing through these two areas into watersheds in Clarence Strait, Revillagigedo Channel, Behm Canal and contiguous waters (see Figures 1 and 2).

In previous years, the fleet generally fished in bays and inner strait areas. As the resource declined in the 1950's and early 1960's the fishery was moved farther away from terminal areas and fishing time was reduced in an effort to improve the health of stocks returning to those watersheds. Ultimately, the Clarence Strait-Revillagigedo Channel fisheries have evolved into coastal fisheries, harvesting salmon along shorelines between Cape Chacon and Moira Sound in lower Clarence Strait and between Foggy Point and Thorne Arm in Revillagigedo Channel. As in District 104, the fleet's efficiency has increased considerably in recent years.

Gear levels in these fisheries vary considerably depending not only upon the abundance of fish in these two areas but also upon the fishing success in other areas of the region, including northern Southeast Alaska.

Clarence Strait and Revellagigedo Channel are generally opened on the basis of the abundance of pink salmon stocks. Initial openings in the two areas normally occur simultaneously beginning during the second or third weeks in July and are generally of a short 15-hour duration. Subsequent

fishing periods are based on the size of the returns as they develop but are generally between two and four days weekly.

The first opening in July seldom draws more than a token effort in the lower Clarence Strait fishery. Most of the gear concentrates on the shoreline between Foggy Point and Cone Point in Revillagigedo Channel. This fishery targets on pink stocks returning to the early systems in Boca de Quadra and Behm Canal. Toward late July and early August effort becomes more evenly spread between Districts 101 and 102 as later returns of pink salmon move through these areas.

3.2

NORTHERN BRITISH COLUMBIA

3.2.1 Area 1

Pink - The Area 1 troll fishery catch during the period 1971-85 averaged 242,406 pinks. Catches varied substantially from year to year but peaked in 1980 (721,646) and 1984 (1,777,577). Similarly effort varied yearly and was highest in 1980 and 1984. Catch appears to be driven by the pink market value of fish and in addition to abundance (see table 40).

Sockeye - The Area 1 net catch of sockeye and pink during the period 1973-1985 averaged 56,847 and 136,801 pieces respectively. Catches vary from year to year depending on the proportion of Skeena and Nass stocks which migrate through the area.

Review of Interception Fisheries Since 1970:

Changes in Gear - Powered drum seiners began operating along the B.C. Coast in the mid to late 1960's. By the early 1970's virtually all seines were equipped with power drums and then, later, running lines. The total number of vessels of all types decreased during this period, but the number of seines increased as licenses were converted and transferred to seines. Recently, some seines have added bow thrusters and in a few instances stern thrusters as well. In the late 1970's due to improved economic conditions and tax incentives there was a trend to replace smaller vessels with larger ones with increased hold capacity. Also, during this period there was a replacement of electronic equipment with more sophisticated equipment. Gillnet vessels improved hydraulic systems and increased in size. However, gillnet length and depth remained at 200 fathoms and 60 meshes respectively and monofilament nets were not allowed.

Trollers also upgraded their vessels by increasing their size and hold capacity, installing freezers and equipping themselves with improved electronic gear. There was also a trend to reduce turn around time between trips and thereby increase effort. Since 1981, however, various gear restrictions have been implemented to offset the apparent increases in efficiency and effort. In addition, season length has been progressively curtailed to further reduce exploitation of chinook.

The impact of the above gear changes on gear efficiency has not been determined. The vessels are generally larger and more mobile and therefore better able to travel to different fishing areas and if warranted stay out for longer periods of time. Seine vessels have undoubtedly increased the number of sets made per fishing period. But this would have to be weighed against the increased delays in waiting for desirable fishing tie-off sites because of increased gear concentrations.

Fishing Patterns - In Area 1, peak troll catches and troll effort were recorded in 1980 and 1984. This increase is in part due southern vessels moving to Area 1 to target on coho and chinook.

Generally, the troll fleet is highly mobile and is capable of moving quickly to areas of fish abundance. Fleet distribution therefore can change in a short time and will vary depending on the location and distribution of target species. In 1984, for example, the fleet at the beginning of July was concentrated along the northern end of Queen Charlotte Islands with a portion of the fleet in the Cape Muzon-Cape Chacon area. Subsequently, vessels moved to the outside of Area 3, off Dundas Island and in a line from Dundas to the east side of the northern end of the Queen Charlotte Islands. This movement coincided with the migration of Yukon pinks returning Masset Inlet based on tag returns from the 1984 international tagging program. In the middle of August the fleet was congregated along the west side of the northern end of Queen Charlotte Island.

Current Management Practices - The troll season has been reduced in recent years. In 1984, the Area 1 troll season was divided into two openings: May 23-June 3 and July 1-September 19. The decrease in fishing time to 70 days (45% reduction from 83 season) was implemented to reduce the exploitation of chinook. In 1985 similar restrictions were applied with openings on May 9-May 20 and July 1-September 30. In-season abundance is monitored by an analysis of saleslip catch estimates coupled with independent estimates of catch from effort over-flights coupled with port sampling of catches. The catch estimates are made by using a combination of aerial surveys and interview data.

The Area 1 troll fishery targets primarily on coho and chinook and only in years of high pink abundance and relatively good market value have trollers concentrated on pinks. For example, in 1983, despite a high abundance of pink salmon in Dixon Entrance, most trollers were shaking pinks because of poor market values, and, as a result, lowering their efficiency to catch target species. The Area 1 troll catch in this same year was less than the 1971-84 average despite a record net catch and stock size of pink salmon to Area 3 streams.

3.2.2 Area 3

Pink - During the period 1973-85 the average annual catch of pinks in Area 3 was 1,585,602 pieces (fish). Outer Area 3 (3-1 to 3-4 or 3X, 3Y and

delta 3Z) comprised 953,094 of this total. Catches in Area 3 have been erratic and are characterized by peaks in 1977-78 and again in 1983-84. Since 1978 catches have increased, this corresponds to increased returns and escapements of salmon to northern B.C. streams, particularly in Areas 3 and 4. During the period 1973-84 the proportion of outer Area 3 catch relative to the total Area 3 catch ranged from 57% (1973) to 97% (1979) and averaged 74%. In 1985, the proportion has declined to 47% (see Tables 25-27).

Effort or gear days are calculated by multiplying the number of vessels fishing each day times the number of days fished. In Area 3 seine effort has fluctuated, peaking in 1974, 1977, and 1978 and in 1983. In contrast gillnet effort peaked in 1977 and then declined. In Outer Area 3 seine effort followed a trend similar to all of Area 3 but effort peaked in 1982. Gillnet effort has declined.

Sockeye - The Area 3 net fishery during the period 1973-1985 had an average sockeye catch of 386,005 pieces; of this total 217,654 pieces were caught in outer area (3-1 to 3-4). Annual catches have fluctuated widely in Area 3 and show several strong peaks followed by abrupt declines. Catch trends in outer areas of Area 3 are directly affected by the strength of the Skeena River sockeye and pink stocks which migrated through Area 3 in proportions which can change yearly. The catches in inside Area 3 are almost entirely determined by the strength of Nass River stocks.

Chum - Chum catches are largely incidental in directed sockeye and pink fisheries. During the period 1973-1985 chum catches in Area 3 averaged 157,706 pieces. Catches have been erratic and are characterized by peaks in 1980 (302,000), 1983 (181,000) and 1984 (281,000).

Fishing Patterns - Effort has fluctuated in Area 3. Increases in seine effort in some years are a result of seines moving to Area 3 because alternative fishing sites have been closed due to stock concerns. The higher gear concentrations resulted in an increase in the number of "open sets". In these instances the seine net is not tied to the shoreline but the set is made in open water, sometimes well away from the shore, and consequently fishing effectiveness is probably reduced. With reduced fleet sizes, fewer open sets are observed.

The distribution of the fleet varies depending on the location of stocks within Area 3. The fleet is quite mobile and moves quickly to areas of high fish abundance. Thus, depending on where the fish landfall or migrate the fleet will congregate. For example, in 1983 the fishery was confined mainly to the northern half of Area 3 with most of the catches occurring along the southwest shoreline of Wales and Pearse Islands and the west side of Portland Inlet. In 1984, however fishing was much more spotty and the fleet was concentrated in the southern half of Area 3 along the Bernie-Maskelyne Islands and the west side of Dundas Island and Sommerville Islands.

Current Management Practices - The Nass River sockeye gillnet fishery in recent years has begun at the end of June. This was a delay from previous years and is designed to reduce exploitation on depressed chinooks and early sockeye. In-season abundance is determined from the Nass River test fishery and commercial catch levels. This information determines actual fishing patterns until at least mid-July. Beginning in mid to late July, pink salmon abundance becomes the primary management indicator for determining fishing times. Seines have begun fishing in mid-July. This is a delay from previous years and was implemented to reduce exploitation of depressed chinook stocks.

Concern for chum stocks limits directed fishing; the extent of the Portland Canal fishery is determined by stock consideration and cooperative arrangements with the U.S.. Concerning the management of outer portion of Area 3 (3-1 to 3-4) the strategy is to coordinate management with the Area 4 fishery and provide for the conservation of stocks while preventing the escalation of interception rates past recent levels.

Table 1. Southeast Alaska salmon fisheries.
Commercial Pink Salmon Harvest
Purse Seine Fishery
District 104
Weekly Catch

Stat	Average														
Week	Midweek														
	Date	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
23	Jun. 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Jun.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Jun.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Jun.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	31838	40612	493	0	161	0	12112	0	0	0
28	Jul. 9	3185	18385	7827	53462	12712	225539	144772	169251	20137	180457	46451	18351	29549	9015
29	Jul.16	10808	53025	39476	196309	33943	357802	85002	63909	47664	325593	84794	21610	253760	86421
30	Jul.23	42999	0	162696	136886	84130	165782	119219	264865	48770	737346	203807	316920	752497	103043
31	Jul.30	89223	0	0	212104	383063	113913	434979	793868	8949	3775658	778797	675062	2268585	145499
32	Aug. 6	272181	0	0	232189	232592	2838	795437	1640977	181309	4766890	1633587	3366626	7964034	1019301
33	Aug.13	200261	0	0	75520	990109	27978	328572	619159	896004	5288079	2054410	1800233	3998335	226766
34	Aug.20	159610	0	107183	0	191878	6343	426511	196871	834469	1135247	1153084	1936849	1683805	77302
35	Aug.27	239122	0	0	11059	88907	0	23121	4074	1191380	556018	155998	367482	1644519	0
36	Sep. 3	409	0	0	0	1383	0	251	0	1286705	0	0	0	273718	0
37	Sep.10	0	0	0	0	0	0	0	0	68759	0	0	0	0	0
38	Sep.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	Sep.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	8	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	512	0	0	2100	0	0	0	0	0
42	Oct.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Oct.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	Oct.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		1017798	71410	317182	917529	2050555	941319	2358357	3752974	4586415	16765288	6123040	8503133	18868802	1667347

Table 2. Southeast Alaska salmon fisheries.
Commercial Chum Salmon Harvest
Purse Seine Fishery
District 104
Weekly Catch

Stat Week	Average Midweek Date	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
23	Jun. 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	10493	7771	91	0	235	0	1970	0	0	0
28	Jul. 9	1913	1819	4141	3547	3175	32132	17929	14244	7629	21032	7371	5308	8509	1525
29	Jul. 16	2553	5827	6123	14367	8532	32428	47211	1934	39488	11791	11741	3879	36320	6768
30	Jul. 23	7029	0	14633	8867	5829	10373	31964	2400	16125	8736	14539	12209	36890	5506
31	Jul. 30	6346	0	0	9043	11323	4366	29444	8307	3300	27411	26505	19660	75726	4326
32	Aug. 6	8599	0	0	5938	2609	35	25355	20173	14496	35089	42374	64448	144502	25147
33	Aug. 13	11514	0	0	3874	23025	1001	12173	12985	50818	34812	54218	20205	63598	14144
34	Aug. 20	13759	0	6540	0	3108	456	12932	9016	71552	16638	35488	63886	20652	12658
35	Aug. 27	22967	0	0	3067	5980	0	926	32	62407	14275	9363	27566	35743	0
36	Sep. 3	121	0	0	0	675	0	28	0	68406	0	0	0	15761	0
37	Sep. 10	0	0	0	0	0	0	0	0	9962	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	2034	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		74801	7646	31437	48703	74749	88562	178053	69091	346452	169784	203569	217161	437701	70074

Table 3. Southeast Alaska salmon fisheries.
Commercial Sockeye Salmon Harvest
Purse Seine Fishery.
District 104
Weekly Catch

Stat Week	Average Midweek Date	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
23	Jun. 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Jun.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Jun.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Jun.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	36758	31931	75	0	299	0	4660	0	0	0
28	Jul. 9	2907	6270	11112	31186	6031	93067	109894	103997	40421	44249	16925	11743	7192	4258
29	Jul.16	18596	20893	28494	69082	18605	124233	106949	40509	120217	63137	29862	16032	30307	38214
30	Jul.23	45134	0	65223	38087	11031	49072	50835	42141	52033	64711	51628	72815	53805	29913
31	Jul.30	25683	0	0	42052	19622	16499	81998	29509	6304	179687	89901	114056	104325	23072
32	Aug. 6	21447	0	0	24155	4005	0	47952	43444	13765	134644	58714	141523	154415	66894
33	Aug.13	3469	0	0	4726	6940	1351	10755	23104	25641	113581	33491	34435	63099	7050
34	Aug.20	1443	0	426	0	725	577	1636	8752	15985	33075	8175	28193	15872	1740
35	Aug.27	426	0	0	167	327	0	12	71	7301	17723	312	12778	11989	0
36	Sep. 3	0	0	0	0	188	0	1	0	2827	0	0	0	2986	0
37	Sep.10	0	0	0	0	0	0	0	0	608	0	0	0	0	0
38	Sep.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	Sep.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	Oct.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Oct.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	Oct.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		119105	27163	105255	209455	104232	316730	410107	291527	285401	650807	293668	431575	443990	171141

Table 4. Southeast Alaska salmon fisheries.
Commercial Pink Salmon Harvest
Purse Seine
District 101
Weekly Catch

Stat Week	Average Midweek Date	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
23	Jun. 4	0	0	0	0	0	0	0	0	0	0	2144	0	0	0
24	Jun.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Jun.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Jun.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	3130	0	0	0	0	0	0	0	147	0
28	Jul. 9	0	0	0	0	179160	0	0	0	26971	1469	111251	2685	70729	195
29	Jul.16	118180	0	0	0	540661	0	0	0	105273	72480	536376	126277	231328	57908
30	Jul.23	42953	0	0	166543	897426	0	117009	0	103769	658548	557506	288848	1219755	238691
31	Jul.30	99310	0	0	1218354	1744827	0	143074	360666	51853	1518936	1163054	827638	1634423	121617
32	Aug. 6	237081	142029	0	1133623	928462	108655	959599	692218	256480	788380	1637021	1794031	2000890	257882
33	Aug.13	137562	124442	0	585375	819421	139956	1480162	227388	717745	1278936	1289188	1594408	1851875	215201
34	Aug.20	156701	26921	0	158697	868275	58882	956297	68912	789466	1065906	491796	2025415	1504414	0
35	Aug.27	110075	29448	122535	30067	349156	0	465833	56076	903579	698784	351053	799242	1502598	0
36	Sep. 3	41215	0	93314	22840	29904	0	188751	24031	1097547	161488	59212	147774	425482	7792
37	Sep.10	0	0	70145	40	0	0	0	2662	313178	0	17059	3823	0	1436
38	Sep.17	0	0	0	34	0	0	1000	0	0	0	0	292	527	0
39	Sep.24	0	0	0	0	0	0	0	0	0	0	0	0	838	5
40	Oct. 1	0	0	0	0	0	0	0	0	0	0	0	0	15	1
41	Oct. 8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	Oct.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Oct.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	Oct.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		943077	322840	285994	3315573	6360422	307493	4311725	1431953	4365861	6244927	6215660	7610433	10443021	900728

Table 5. Southeast Alaska salmon fisheries.
Commercial Chum Salmon Harvest
Purse Seine Fishery
District 101
Weekly Catch

Stat	Average														
Week	Midweek														
	Date	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
23	Jun. 4	0	0	0	0	0	0	0	0	0	0	32	0	0	0
24	Jun.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Jun.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Jun.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	161	0	0	0	0	0	0	0	131	0
28	Jul. 9	0	0	0	0	8994	0	0	0	3501	13	6358	65	11970	18
29	Jul.16	8282	0	0	0	14725	0	0	0	9025	1801	27947	10995	16697	2973
30	Jul.23	2640	0	0	3086	11279	0	22469	0	7212	4627	19844	9273	15907	7292
31	Jul.30	5914	0	0	9654	12438	0	9106	5652	1191	5415	36528	14179	39790	4958
32	Aug. 6	14338	2243	0	9576	10074	2690	28747	9967	4230	3238	61599	31753	25606	7282
33	Aug.13	9619	2946	0	8840	10213	3891	33160	11556	10513	3151	54302	14644	29313	15484
34	Aug.20	13762	1018	0	2706	20018	4370	45490	1861	12129	6805	41605	62657	46417	0
35	Aug.27	31130	4316	4708	4013	13670	0	33747	2506	19471	13308	91397	55010	52235	186
36	Sep. 3	23063	0	4518	5841	5676	0	20422	1404	43825	7542	7417	21788	47918	3176
37	Sep.10	0	0	10192	260	0	2315	0	46	16576	0	103694	52134	328	7471
38	Sep.17	0	0	1606	765	0	0	1553	0	5	0	0	63006	23224	5805
39	Sep.24	0	0	0	0	0	0	1183	0	8	0	0	0	30898	66854
40	Oct. 1	0	0	0	0	0	0	0	0	0	0	0	23972	11334	4625
41	Oct. 8	0	0	0	0	0	0	0	0	0	0	0	65	0	0
42	Oct.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Oct.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	Oct.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		108748	10523	21024	44741	107248	13266	195877	32992	127686	45900	450723	359541	351768	126,124

Table 6. Southeast Alaska salmon fisheries.
Commercial Sockeye Salmon Harvest
Purse Seine Fishery.
District 101
Weekly Catch

Stat	Average														
Week	Midweek														
	Date	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
23	Jun. 4	0	0	0	0	0	0	0	0	0	0	27	0	0	0
24	Jun.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Jun.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Jun.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	421	0	0	0	0	0	0	0	1	0
28	Jul. 9	0	0	0	0	8925	0	0	0	6282	14	1857	422	7675	24
29	Jul.16	5883	0	0	0	20613	0	0	0	20833	4879	11409	9270	4632	3967
30	Jul.23	4053	0	0	3853	10023	0	5786	0	8404	8850	7829	15479	9753	11019
31	Jul.30	4597	0	0	19552	17155	0	5064	5674	4590	14314	21623	16769	19231	5785
32	Aug. 6	3717	264	0	11614	5860	3369	13712	16991	7385	9690	23685	33752	19757	13669
33	Aug.13	1432	174	0	8321	4990	1757	8194	1850	15761	7525	19174	19988	9150	9338
34	Aug.20	1250	62	0	1286	1949	940	7398	792	6953	4394	2721	23714	5333	0
35	Aug.27	551	133	76	961	921	0	1017	53	2112	3112	2539	4911	2938	0
36	Sep. 3	75	0	37	671	161	0	451	9	1352	1282	73	1326	1303	88
37	Sep.10	0	0	40	0	0	0	0	135	145	0	322	5	2	57
38	Sep.17	0	0	0	0	0	0	0	0	0	0	0	1	10	0
39	Sep.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	Oct.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Oct.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	Oct.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		21558	633	153	46258	71018	6066	41622	25504	73817	54060	91259	125637	79785	43947

Table 7. Southeast Alaska salmon fisheries.
Commercial Pink Salmon Harvest
Purse Seine Fishery
District 102
Weekly Catch

Stat Week	Average Midweek Date	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
23	Jun. 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Jun.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Jun.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Jun.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	Jul. 9	0	0	0	0	88791	0	0	0	0	0	16959	0	0	52
29	Jul.16	0	0	0	0	104688	0	0	0	7918	107	87473	42836	52835	191
30	Jul.23	8766	0	0	4630	471322	0	1886	0	23187	28140	121167	24042	147186	0
31	Jul.30	65779	0	0	616671	1062135	0	22282	126305	30535	87378	53058	39706	106205	36163
32	Aug. 6	93950	325759	0	851624	370381	1027574	359796	290735	136748	142759	487984	562547	1036771	190889
33	Aug.13	146161	507065	0	593873	1737553	420389	650413	346104	383956	50899	549838	803797	2053254	88556
34	Aug.20	106258	189245	430348	178958	1268347	54852	486215	80072	533635	688223	734493	314403	344889	0
35	Aug.27	160284	119878	742235	105763	474551	0	124583	910	318602	605163	130271	655644	1254218	0
36	Sep. 3	53570	0	546206	70285	42289	0	61529	0	176341	160901	124549	67632	292505	74210
37	Sep.10	0	13742	122736	1994	0	5601	0	0	31783	0	23182	30097	0	10080
38	Sep.17	5118	0	5944	453	0	0	388	0	0	25849	9011	2492	4626	313
39	Sep.24	23	35	3234	51	0	0	248	0	0	0	2197	0	0	73
40	Oct. 1	0	426	0	0	0	0	0	0	5401	0	0	0	110	0
41	Oct. 8	0	1	1	0	0	0	0	0	333	0	0	0	0	0
42	Oct.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Oct.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	Oct.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		639909	1156151	1850704	2424302	5620057	1508416	1707340	844126	1648439	1789419	2340182	2543196	5292599	400527

Table 8. Southeast Alaska salmon fisheries.
Commercial Chum Salmon Harvest
Purse Seine Fishery
District 102
Weekly Catch

Stat Week	Average Midweek Date	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
23	Jun. 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	Jul. 9	0	0	0	0	4585	0	0	0	0	0	443	0	0	28
29	Jul. 16	0	0	0	0	3427	0	0	0	1026	12	1807	1858	2702	12
30	Jul. 23	1152	0	0	80	9011	0	2322	0	1728	564	3193	783	5093	0
31	Jul. 30	3816	0	0	8900	16035	0	1312	1212	1340	434	1395	268	8836	707
32	Aug. 6	6020	12664	0	8944	11911	19207	5165	5446	5022	338	13724	11358	15778	3351
33	Aug. 13	6530	32401	0	10849	34820	13909	23785	10093	14525	166	18972	6758	30362	1566
34	Aug. 20	12498	23819	15237	6178	61316	6768	33345	3776	16986	4781	44172	14365	8081	0
35	Aug. 27	50159	39106	53760	6908	81607	0	29921	7	21333	17155	14144	43764	30684	0
36	Sep. 3	25779	0	83312	44965	21738	0	28840	0	10990	10911	32542	9243	34159	13037
37	Sep. 10	0	39903	43310	17538	0	22346	0	0	2850	0	27645	32928	0	30120
38	Sep. 17	116956	0	9201	16498	0	0	1578	0	0	13381	23223	8013	6406	7306
39	Sep. 24	16302	10652	37170	36079	0	0	4677	0	0	0	22151	0	916	23640
40	Oct. 1	3310	11570	0	0	0	0	0	0	55850	0	0	3139	59739	4245
41	Oct. 8	19485	837	10686	0	0	0	0	0	36040	0	0	0	2915	0
42	Oct. 15	3164	0	0	0	7929	0	0	0	2852	0	0	0	0	0
43	Oct. 22	0	0	0	0	7505	0	1394	0	0	0	0	0	0	0
44	Oct. 29	8898	0	0	0	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		274069	170952	252676	156939	259884	62230	132339	20534	170542	47742	203411	132477	205671	84012

Table 9. Southeast Alaska salmon fisheries.
Commercial Sockeye Salmon Harvest
Purse Seine Fishery.
District 102
Weekly Catch

Stat Week	Average Midweek Date	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
23	Jun. 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Jun.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Jun.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Jun.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	Jul. 9	0	0	0	0	7289	0	0	0	0	0	319	0	0	47
29	Jul.16	0	0	0	0	5236	0	0	0	2629	18	3662	6727	3476	49
30	Jul.23	1198	0	0	159	10310	0	448	0	5856	2587	5844	5015	5495	0
31	Jul.30	3592	0	0	15527	14272	0	3203	8360	3340	1721	1429	1648	5202	4786
32	Aug. 6	3503	5205	0	11125	4798	13983	6540	8394	4335	1014	4552	8171	6673	8146
33	Aug.13	3944	4336	0	8432	6325	5034	11481	5978	3191	358	2139	4167	7436	3174
34	Aug.20	1812	1970	1834	1936	3130	1513	3801	1181	2070	2532	2886	4913	1300	0
35	Aug.27	1226	872	1944	764	1021	0	716	121	1036	1989	268	3957	2438	0
36	Sep. 3	229	0	614	1135	205	0	333	0	225	868	293	120	647	632
37	Sep.10	0	111	186	115	0	312	0	0	46	0	25	27	0	627
38	Sep.17	47	0	9	85	0	0	0	0	0	36	0	0	15	4
39	Sep.24	4	2	9	5	0	0	8	0	0	0	0	0	0	10
40	Oct. 1	0	0	0	0	0	0	0	0	1	0	0	1	2	0
41	Oct. 8	0	0	0	0	0	0	0	0	18	0	0	0	0	0
42	Oct.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Oct.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	Oct.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		15555	12496	4596	39283	52586	20842	26530	24034	22747	11123	21417	34746	32684	17475

Table 10. Southeast Alaska salmon fisheries.
Commercial Pink Salmon Catch
Purse Seine Fishery
District 103
Weekly Catch

Stat Week	Average Midweek Date	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
23	Jun. 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Jun.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Jun.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Jun.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	11375	0	0	0	0	0	0
28	Jul. 9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	Jul.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	Jul.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	Jul.30	0	0	0	0	0	0	0	119531	0	0	0	0	0	0
32	Aug. 6	59367	0	0	0	0	0	12552	1518273	0	16560	20270	13960	4935	0
33	Aug.13	102228	168592	0	309256	132680	837606	882125	2387732	4186	992281	246695	3391932	1293777	0
34	Aug.20	311391	302395	0	121817	414633	111373	1522789	906040	215958	1043532	1193453	3870910	2370684	173568
35	Aug.27	173217	101878	546300	17985	258222	0	563191	224059	161823	563101	756969	391586	3007935	0
36	Sep. 3	15522	0	343694	2957	29579	0	18232	96839	374072	76004	0	77300	385435	41394
37	Sep.10	0	0	222493	0	0	0	0	0	143454	0	0	0	10749	10163
38	Sep.17	0	0	0	96	0	0	0	0	0	0	0	0	2207	280
39	Sep.24	0	0	404	0	0	0	0	0	0	0	0	0	2453	22
40	Oct. 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	Oct.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Oct.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	Oct.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		661725	572865	1112891	452111	835114	948979	2998889	5263849	899493	2691478	2217387	7745688	7078175	225427

Table 11. Southeast Alaska salmon fisheries.
Commercial Chum Salmon Harvest
Purse Seine Fishery
District 103
Weekly Catch

Stat Week	Average Midweek Date	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
23	Jun. 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Jun.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Jun.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Jun.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	100	0	0	0	0	0	0
28	Jul. 9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	Jul.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	Jul.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	Jul.30	0	0	0	0	0	0	0	1129	0	0	0	0	0	0
32	Aug. 6	1167	0	0	0	0	0	501	16655	0	152	1795	253	520	0
33	Aug.13	13237	23825	0	10336	685	15187	12073	38449	136	4236	3878	18146	31872	0
34	Aug.20	10156	40126	0	6358	8151	7344	44375	32980	9347	10665	24960	49568	46971	12838
35	Aug.27	12620	38193	55766	1106	15843	0	28475	12861	4770	14018	39503	9377	51912	0
36	Sep. 3	10674	0	42155	1344	6665	0	2102	5216	14411	3963	0	4466	21464	20825
37	Sep.10	0	0	33346	0	0	0	0	0	20101	0	0	0	25810	42139
38	Sep.17	0	0	0	8159	0	0	0	0	0	0	0	0	19646	8229
39	Sep.24	0	0	5208	0	0	0	0	0	0	0	0	0	15542	3333
40	Oct. 1	0	0	0	0	0	0	0	0	0	0	0	0	1795	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	Oct.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Oct.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	Oct.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		47854	102144	136475	27303	31344	22531	87526	107390	48765	33034	70136	81810	215532	87364

Table 12. Southeast Alaska salmon fisheries.
Commercial Sockeye Salmon Harvest
Purse Seine Fishery.
District 103
Weekly Catch

Stat Week	Average Midweek Date	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
23	Jun. 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Jun.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Jun.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Jun.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	28	0	0	0	0	0	0
28	Jul. 9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	Jul.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	Jul.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	Jul.30	0	0	0	0	0	0	0	1017	0	0	0	0	0	0
32	Aug. 6	4765	0	0	0	0	0	336	7884	0	20	155	323	80	0
33	Aug.13	1084	2170	0	4009	395	3603	5142	13014	174	6017	191	11537	4091	0
34	Aug.20	1673	6563	0	1807	719	1081	2854	15039	508	2582	2359	13754	5137	1182
35	Aug.27	382	2534	1915	66	268	0	1002	554	153	1652	674	854	3820	0
36	Sep. 3	18	0	461	12	0	0	64	398	124	118	0	156	443	167
37	Sep.10	0	0	2362	0	0	0	0	0	83	0	0	0	0	230
38	Sep.17	0	0	0	0	0	0	0	0	0	0	0	0	0	2
39	Sep.24	0	0	1	0	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	Oct.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Oct.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	Oct.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		7922	11267	4739	5894	1382	4684	9398	37934	1042	10389	3379	26624	13571	1581

Table 13. Southeast Alaska salmon fisheries.
Commercial Pink Salmon Harvest
Drift Gill Net
Tree Point (Subdistrict 101-11)
Weekly Catch

Stat Week	Average Midweek Date	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
18	Apr.30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	May 7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	May 14	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	May 21	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	May 28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Jun. 4	0	0	0	0	0	0	592	0	0	0	0	0	0	0
24	Jun.11	0	0	0	0	0	0	591	0	0	0	0	0	0	0
25	Jun.18	1285	65	0	0	6799	293	439	159	0	0	1876	166	352	0
26	Jun.25	4953	326	2311	889	8874	1544	6609	1101	1787	1667	2482	263	698	314
27	Jul. 2	3232	687	3468	8545	15836	4510	15487	8169	3686	25910	7683	1349	7512	12183
28	Jul. 9	0	1137	4574	59836	28445	9080	19442	28871	6091	20986	62690	19124	7088	21672
29	Jul.16	8665	11316	25345	144437	28844	17306	67929	58996	13768	29096	80704	35751	45725	65200
30	Jul.23	21497	0	15372	63798	56622	27143	24987	54982	21583	164132	107464	81772	101503	154051
31	Jul.30	21167	0	0	232329	65504	6608	18126	34501	21515	107321	125190	146568	90114	56089
32	Aug. 6	47238	35029	2656	112061	100247	6203	115649	81620	30112	118277	118775	168657	100461	113958
33	Aug.13	25699	30244	0	91787	90136	0	213906	62877	20219	180169	96459	137880	157657	128656
34	Aug.20	16375	30163	28548	35167	107920	0	138876	74328	37681	78001	54987	71245	178266	0
35	Aug.27	10537	14786	77291	13288	19472	0	45652	16597	88828	30758	40328	18677	153232	16333
36	Sep. 3	4577	0	44571	1878	2423	0	5520	3777	68176	11281	10143	7305	44818	12105
37	Sep.10	1340	0	5785	161	575	0	934	906	26956	3597	6905	2023	13785	2174
38	Sep.17	55	0	134	122	157	0	603	34	6850	659	1139	367	5098	366
39	Sep.24	17	0	6	0	0	0	0	0	0	183	0	0	0	17
40	Oct. 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	Oct.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Oct.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	Oct.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		166637	123753	210061	764298	531854	72687	675342	426918	347252	772037	716825	691147	906309	583118

Table 14. Southeast Alaska salmon fisheries.
Commercial Chum Salmon Harvest
Drift Gill Net
Tree Point (Subdistrict 101-11)
Weekly Catch

Stat Week	Average Midweek Date	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
18	Apr.30	0	0	0	0	0	0	0	0	0	0	0	45	0	0
19	May 7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	May 14	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	May 21	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	May 28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Jun. 4	0	0	0	0	0	0	156	0	0	0	0	0	0	0
24	Jun.11	0	0	0	0	0	0	395	0	0	0	0	0	0	0
25	Jun.18	3206	1997	0	0	15427	8305	3369	1446	0	0	9507	4876	5485	0
26	Jun.25	4938	3330	3459	13017	28040	8459	12141	3771	3398	12624	15308	15842	9376	6834
27	Jul. 2	6097	3227	3121	17032	15580	16021	14814	5958	3075	16238	20585	11242	15812	9240
28	Jul. 9	0	2305	2917	12967	12932	13169	28057	6191	3816	5444	22453	6894	23860	5142
29	Jul.16	7340	4043	6580	11696	5542	5646	27263	2197	7962	11831	39360	19917	46765	7370
30	Jul.23	7143	0	8689	3777	13680	4587	9647	1773	13806	17369	29922	48365	43675	13061
31	Jul.30	3884	0	0	4071	5237	2570	3443	1142	7155	8769	17115	23536	27859	6638
32	Aug. 6	9178	2633	111	2625	8123	1807	14876	4077	10659	13747	14145	20408	14928	14730
33	Aug.13	8220	2073	0	4294	4223	0	11992	2498	6142	7634	11935	22665	15364	17367
34	Aug.20	13356	4889	1818	3622	3103	0	17015	4321	5992	9967	9480	15952	13045	0
35	Aug.27	10394	5844	4593	4053	1557	0	5350	2757	9057	9397	12379	12108	15145	7103
36	Sep. 3	4165	0	4470	4124	1144	0	1311	1122	7251	7150	5212	16008	19939	23804
37	Sep.10	3264	0	430	1304	675	0	222	994	5006	9982	7302	6900	9477	23122
38	Sep.17	255	0	52	278	1127	0	692	90	1240	5359	10182	9159	11765	17517
39	Sep.24	330	0	22	0	0	0	0	0	0	2384	0	0	0	5928
40	Oct. 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	Oct.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Oct.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	Oct.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		81770	30341	36262	82860	116390	60564	150743	38337	84559	137895	224885	233917	272495	157856

Table 15. Southeast Alaska salmon fisheries.
Commercial Sockeye Salmon Harvest
Drift Gill Net
Tree Point (Subdistrict 101-11)
Weekly Catch

Stat Week	Average Midweek Date	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
18	Apr. 30	0	0	0	0	0	0	0	0	0	0	0	84	0	0
19	May 7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	May 14	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	May 21	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	May 28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Jun. 4	0	0	0	0	0	0	582	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	3168	0	0	0	0	0	0	0
25	Jun. 18	18057	6020	0	0	19612	11574	9791	7407	0	0	12474	12801	1979	0
26	Jun. 25	10737	4384	31179	48041	38697	18121	15364	25655	22174	16591	5324	15011	9442	15663
27	Jul. 2	7910	3546	27685	32002	14250	15068	12951	8779	26907	14063	10557	11809	8883	17470
28	Jul. 9	0	1703	22027	38579	30676	10090	21082	20747	22186	4402	8752	8745	16923	10136
29	Jul. 16	18563	4420	19773	33323	12679	9056	17744	10998	57780	8961	12439	16277	41612	9555
30	Jul. 23	22829	0	15706	8321	17507	15770	7442	7497	23339	25392	10697	28832	26239	17217
31	Jul. 30	14225	0	0	17435	11154	3612	3564	5918	15179	17212	8166	20602	17116	7071
32	Aug. 6	12877	3164	163	5328	3178	5666	7199	9457	11264	22419	5371	24492	12855	17219
33	Aug. 13	5341	1012	0	4138	1973	0	6200	3976	4841	18641	8232	18146	5254	11309
34	Aug. 20	2241	713	666	2561	1560	0	2453	3629	3986	4504	3426	11800	3421	0
35	Aug. 27	384	390	557	1184	889	0	1042	963	1984	1967	1206	3027	1475	983
36	Sep. 3	83	0	189	879	86	0	81	287	818	883	536	879	328	675
37	Sep. 10	44	0	19	170	29	0	39	157	93	757	802	239	72	127
38	Sep. 17	5	0	1	22	10	0	21	8	24	166	199	76	32	57
39	Sep. 24	3	0	0	0	0	0	0	0	0	19	0	0	0	6
40	Oct. 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		113299	25352	117965	191983	152300	88957	108723	105478	190575	135977	88181	172820	145631	107488

TABLE 16.
DEPARTMENT OF FISHERIES AND OCEANS
PRELIMINARY COMMERCIAL SALMON HARVEST REPORT
GILLNET 1987
WEEKLY CATCH
AREA 1

JULIAN WEEK	STAT. WEEK	1987 WEEK		C A T C H					TOTAL	BOAT DAYS	DAYS FISHING
		ENDING DATE	SOCKEYE	COHO	PINK	CHUM	CHINOOK				
FISHERY ON PASSING STOCKS											
24	6-2	JUNE	13								
25	6-3		20								
26	6-4		27								
27	7-1	JULY	04								
28	7-2		11								
29	7-3		18								1
30	7-4		25								2
31	7-5	AUG	01								1
32	8-1		08								1
33	8-2		15								3
34	8-3		22								2
35	8-4		29								
TOTAL FISHERY ON PASSING STOCKS											
				0	0	0	0	0	0	0	10
LOCAL CHUM FISHERY											
36	9-1	SEPT	05								
37	9-2		12								
38	9-3		19	0	110	5	558	2	675	12	2
39	9-4		26	0	178	0	507	0	685	27	1
40	10-1	OCT	03								
41	10-2		10								
42	10-3		17								
TOTAL LOCAL CHUM FISHERY											
				0	288	5	1065	2	1360	39	3
TOTAL AREA 1 GN FISHERY											
				0	288	5	1065	2	1360	39	13

NOTE: 1987 CATCH FIGURES ARE PRELIMINARY, BASED ON DAILY HAILCOUNTS.

TABLE 17.
DEPARTMENT OF FISHERIES AND OCEANS
PRELIMINARY COMMERCIAL SALMON HARVEST REPORT
SEINE 1987
WEEKLY CATCH
AREA 1

JULIAN WEEK	STAT. WEEK	1987 WEEK ENDING		C A T C H					BOAT DAYS	DAYS FISHING	
		DATE	SOCKEYE	COHO	PINK	CHUM	CHINOOK	TOTAL			
FISHERY ON PASSING STOCKS											
24	6-2	JUNE	13								
25	6-3		20								
26	6-4		27								
27	7-1	JULY	04								
28	7-2		11								
29	7-3		18	7704	2023	16657	476	418	27278	44	
30	7-4		25	21123	4265	50095	490	1208	77181	37	
31	7-5	AUG	01	5408	3146	8762	130	728	18174	26	
32	8-1		08	483	101	867	21	174	1646	6	
33	8-2		15	3750	1090	25450	410	510	31210	10	
34	8-3		22	2506	1449	26530	1435	1750	33670	24	
35	8-4		29								
TOTAL FISHERY ON PASSING STOCKS				40974	12074	128361	2962	4788	189159	147	10
LOCAL CHUM FISHERY											
36	9-1	SEPT	05								
37	9-2		12								
38	9-3		19	0	89	0	44	0	133	6	
39	9-4		26	0	9	0	27	0	36	3	
40	10-1	OCT	03								
41	10-2		10								
42	10-3		17								
TOTAL LOCAL CHUM FISHERY				0	98	0	71	0	169	9	3
TOTAL AREA 1 SN FISHERY				40974	12172	128361	3033	4788	189328	156	13

NOTE: 1987 CATCH FIGURES ARE PRELIMINARY, BASED ON DAILY HAILCOUNTS.

TABLE 18.
DEPARTMENT OF FISHERIES AND OCEANS
COMMERCIAL SALMON HARVEST AND EFFORT
GILLNET AND SEINE
ANNUAL CATCH (1973-1987)
AREA 1

YEAR	GEAR	SOCKEYE	COHO	PINK	CHUM	CHINOOK(LG)	STHD	TOTAL	BOAT DAYS	DAYS FISHING
1987	GN	0	288	5	1065	2		1360	39	13
	SN	40974	12172	128361	3033	4788		189328	156	13
1986	GN	300	762	3121	50480	0		54663	345	27
	SN	43652	12205	904862	56616	4879		994199	328	35
1985	GN	1499	112	859	15270	7	2	17749	74	24
	SN	116447	20787	236627	39971	8756	456	423044	241	24
1984	GN	10034	221	2990	275	313	21	13854	18	27
	SN	21675	7231	678003	6002	3759	173	716843	543	27
1983	GN	1113	640	564	360	24	12	2713	6	12
	SN	31315	4762	133421	2275	2069	122	173964	108	12
1982	GN	800	90	107	256	8	8	1269		
	SN	58665	9870	18036	12195	7872	62	106700		
1981	GN	42065	5953	14131	6386	564	428	69527		
	SN	177831	10869	263961	10296	11606	208	474771		
1980	GN	27026	16152	7475	2622	663	88	54026		
	SN	46027	11422	98261	8020	5029	94	168853		
1979	GN	4220	1164	1189	852	194	73	7692		
	SN	65288	15181	126096	5332	5039	103	217039		
1978	GN	894	403	167	1943	73	1	3481		
	SN	4797	2751	17680	3980	1800	53	31061		
1977	GN	23238	1148	5048	1732	555	15	31736		
	SN	13294	2451	37595	3439	4048	12	60839		
1976	GN	7417	2687	1482	1476	453	27	13542		
	SN	5418	1400	3862	1089	1042	18	12829		
1975	GN	16844	15697	23276	8073	2090	216	66196		
	SN	9756	3392	16646	3282	3301	39	36416		
1974	GN	11398	9836	7509	14578	615	203	44139		
	SN	5015	1491	69304	5042	766	88	81706		
1973	GN	16290	7466	5925	22681	310	175	52847		
	SN	14770	917	15425	30769	192	50	62123		
AVG 73-87	GN	10876	4175	4923	8537	391	98	28986		
	SN	43662	7793	183209	12756	4330	114	249981		
	TOTAL	54537	11968	188133	21293	4623	211	159680		
AVG 77-86	GN	11119	2665	3565	8018	240	65	25671		
	SN	57899	9753	251454	14813	5486	128	336731		
	TOTAL	69018	12418	255019	22831	5726	193	362402		

NOTE: 1973 TO 1985 CATCH FIGURES ARE TAKEN FROM THE B.C. CATCH STATISTICS PUBLICATIONS.
1986 CATCH FIGURES ARE BASED ON HAIL DATA.
1987 CATCH FIGURES ARE BASED ON PRELIMINARY HAIL DATA.

TABLE 19.
DEPARTMENT OF FISHERIES AND OCEANS
PRELIMINARY COMMERCIAL SALMON HARVEST REPORT
GILLNET 1987
WEEKLY CATCH
AREA 3(1-4)

JULIAN WEEK	STAT. WEEK	1987		C A T C H					TOTAL	BOAT DAYS	DAYS FISHING
		WEEK ENDING DATE		SOCKEYE	COHO	PINK	CHUM	* CHINOOK			
19	5-1	MAY	09								
20	5-2		16								
21	5-3		23								
22	5-4		30								
23	6-1	JUN	06								
24	6-2		13								
25	6-3		20								
26	6-4		27								
27	7-1	JULY	04								
28	7-2		11	1830	0	753	258	24	2865	21	1
29	7-3		18	1920	32	1242	70	26	3290	20	1
30	7-4		25	6527	481	17337	537	76	24958	93	3
31	7-5	AUG	01	9046	134	22398	1155	9	32742	170	4
32	8-1		08	1872	278	8548	513	78	11289	35	3
33	8-2		15	628	47	2692	253	14	3634	17	3
34	8-3		22	822	282	11942	2005	44	15095	39	2
35	8-4		29								
36	9-1	SEPT	05								
37	9-2		12								
38	9-3		19								
TOTALS				22645	1254	64912	4791	271	93873	395	17

NOTE: 1987 CATCH FIGURES ARE PRELIMINARY, BASED ON DAILY HAILCOUNTS
*FOR 1987, AREA 3 CHINOOK CATCH INCLUDES JACKS.

TABLE 20.
DEPARTMENT OF FISHERIES AND OCEANS
PRELIMINARY COMMERCIAL SALMON HARVEST REPORT
SEINE 1987
WEEKLY CATCH
AREA 3(1-4)

JULIAN WEEK	STAT. WEEK	1987		C A T C H					TOTAL	BOAT DAYS	DAYS FISHING
		WEEK ENDING DATE		SOCKEYE	COHO	PINK	CHUM	* CHINOOK			
19	5-1	MAY	09								
20	5-2		16								
21	5-3		23								
22	5-4		30								
23	6-1	JUN	06								
24	6-2		13								
25	6-3		20								
26	6-4		27								
27	7-1	JULY	04								
28	7-2		11								
29	7-3		18	15357	888	58707	2610	792	78354	102	1
30	7-4		25	54038	2272	463107	7410	2561	529388	343	3
31	7-5	AUG	01	22516	1940	405504	18617	2779	451356	253	4
32	8-1		08	32946	3074	517973	16195	2320	572508	217	3
33	8-2		15	12400	1989	222697	14230	601	251917	88	3
34	8-3		22	4598	1716	118901	8840	422	134477	51	2
35	8-4		29								
36	9-1	SEPT	05								
37	9-2		12								
38	9-3		19								
TOTALS				141855	11879	1786889	67902	9475	2018000	1054	16

NOTE: 1987 CATCH FIGURES ARE PRELIMINARY, BASED ON DAILY HAILCOUNTS
*FOR 1987, AREA 3 CHINOOK CATCH INCLUDES JACKS.

TABLE 21.

DEPARTMENT OF FISHERIES AND OCEANS
 PRELIMINARY COMMERCIAL SALMON HARVEST REPORT
 GILLNET 1987
 WEEKLY CATCH
 AREA 3(7-17)

JULIAN WEEK	STAT. WEEK	1987		C A T C H					TOTAL	BOAT DAYS	DAYS FISHING
		WEEK ENDING DATE		SOCKEYE	COHO	PINK	CHUM	* CHINOOK			
19	5-1	MAY	09								
20	5-2		16								
21	5-3		23								
22	5-4		30								
23	6-1	JUN	06								
24	6-2		13								
25	6-3		20								
26	6-4		27								
27	7-1	JULY	04								
28	7-2		11	5112	0	2809	449	61	8431	61	1
29	7-3		18	0	0	0	0	0	0	0	0
30	7-4		25	657	31	11412	184	44	12328	38	3
31	7-5	AUG	01	3946	593	50076	1402	92	56109	157	4
32	8-1		08	4235	448	22113	511	33	27340	56	3
33	8-2		15	7643	1573	23124	2100	79	34519	86	3
34	8-3		22	2825	1357	21464	6218	149	32013	117	2
35	8-4		29	135	136	598	4065	0	4934	105	2
36	9-1	SEPT	05								
37	9-2		12								
38	9-3		19								
TOTALS				24553	4138	131596	14929	458	175674	620	18

NOTE: 1987 CATCH FIGURES ARE PRELIMINARY, BASED ON DAILY HAILCOUNTS

*FOR 1987, AREA 3 CHINOOK CATCH INCLUDES JACKS.

TABLE 22.

DEPARTMENT OF FISHERIES AND OCEANS
 PRELIMINARY COMMERCIAL SALMON HARVEST REPORT
 SEINE 1987
 WEEKLY CATCH
 AREA 3(7-17)

JULIAN WEEK	STAT. WEEK	1987 WEEK		C A T C H					TOTAL	BOAT DAYS	DAYS FISHING
		ENDING DATE		SOCKEYE	COHO	PINK	CHUM	CHINOOK			
19	5-1	MAY	09								
20	5-2		16								
21	5-3		23								
22	5-4		30								
23	6-1	JUN	06								
24	6-2		13								
25	6-3		20								
26	6-4		27								
27	7-1	JULY	04								
28	7-2		11								
29	7-3		18								
30	7-4		25	22023	964	484236	8587	1092	516902	178	3
31	7-5	AUG	01	22406	2271	662785	22518	4113	714093	327	4
32	8-1		08	16185	1932	343368	11547	1106	374138	139	3
33	8-2		15	6274	1497	226806	10940	381	245898	72	3
34	8-3		22	50	24	3050	230	10	3364	4	2
35	8-4		29	1	5	27	18	0	51	6	2
36	9-1	SEPT	05								
37	9-2		12								
38	9-3		19								
TOTALS				66939	6693	1720272	53840	6702	1854446	726	17

NOTE: 1987 CATCH FIGURES ARE PRELIMINARY, BASED ON DAILY HAILCOUNTS

*FOR 1987, AREA 3 CHINOOK CATCH INCLUDES JACKS.

TABLE 23.
DEPARTMENT OF FISHERIES AND OCEANS
PRELIMINARY COMMERCIAL SALMON HARVEST REPORT
GILLNET 1987
WEEKLY CATCH
AREA 3

JULIAN WEEK	STAT. WEEK	1987		C A T C H					TOTAL	BOAT DAYS	DAYS FISHING
		WEEK ENDING DATE		SOCKEYE	COHO	PINK	CHUM	* CHINOOK			
19	5-1	MAY	09								
20	5-2		16								
21	5-3		23								
22	5-4		30								
23	6-1	JUN	06								
24	6-2		13								
25	6-3		20								
26	6-4		27								
27	7-1	JULY	04								
28	7-2		11	6942	0	3562	707	85	11296	82	1
29	7-3		18	1920	32	1242	70	26	3290	20	1
30	7-4		25	7184	512	28749	721	120	37286	131	3
31	7-5	AUG	01	12992	727	72474	2557	101	88851	327	4
32	8-1		08	6107	726	30661	1024	111	38629	91	3
33	8-2		15	8271	1620	25816	2353	93	38153	103	3
34	8-3		22	3647	1639	33406	8223	193	47108	156	2
35	8-4		29	135	136	598	4065	0	4934	105	2
36	9-1	SEPT	05								
37	9-2		12								
38	9-3		19								
TOTALS				47198	5392	196508	19720	729	269547	1015	19

NOTE: 1987 CATCH FIGURES ARE PRELIMINARY, BASED ON DAILY HAILCOUNTS
*FOR 1987, AREA 3 CHINOOK CATCH INCLUDES JACKS.

TABLE 24.

DEPARTMENT OF FISHERIES AND OCEANS
 PRELIMINARY COMMERCIAL SALMON HARVEST REPORT
 SEINE 1987
 WEEKLY CATCH
 AREA 3

JULIAN WEEK	STAT. WEEK	1987		C A T C H					BOAT DAYS	DAYS FISHING
		WEEK ENDING DATE	SOCKEYE	COHO	PINK	CHUM	* CHINOOK	TOTAL		
19	5-1	MAY 09								
20	5-2									
21	5-3									
22	5-4									
23	6-1	JUN 06								
24	6-2									
25	6-3									
26	6-4									
27	7-1	JULY 04								
28	7-2									
29	7-3		15357	888	58707	2610	792	78354	102	1
30	7-4		74061	3236	947343	15997	3653	1046290	521	3
31	7-5	AUG 01	44922	4211	1068289	41135	6892	1165449	580	4
32	8-1		49131	5006	861341	27742	3426	946646	356	3
33	8-2		18674	3486	449503	25170	982	497815	160	3
34	8-3		4648	1740	121951	9070	432	137841	55	2
35	8-4		1	5	27	18	0	51	6	2
36	9-1	SEPT 05								
37	9-2									
38	9-3									
TOTALS			208794	18572	3507161	121742	16177	3872446	1780	18

NOTE: 1987 CATCH FIGURES ARE PRELIMINARY, BASED ON DAILY HAILCOUNTS
 *FOR 1987, AREA 3 CHINOOK CATCH INCLUDES JACKS.

TABLE 25.
DEPARTMENT OF FISHERIES AND OCEANS
COMMERCIAL SALMON HARVEST AND EFFORT
GILLNET AND SEINE
ANNUAL CATCH (1973-1987)
AREA 3(1-4)

YEAR	GEAR	SOCKEYE	COHO	* PINK	CHUM	CHINOOK (LG)	+ STHD	TOTAL	BOAT DAYS	DAYS FISHING
1987	GN	22645	1254	64912	4791	271		93873	395	17
	SN	141855	11879	1786889	67902	9475		2018000	1054	16
1986	GN	25207	7272	91390	15979	419		140267	521	25
	SN	126653	30767	1827916	87825	5084		2078245	803	24
1985	GN	42079	5676	27969	7736	518	830	84808	365	21
	SN	263732	33763	1246322	67633	4727	951	1617128	743	17
1984	GN	45675	6283	76977	36137	665	1323	167060	780	21
	SN	119849	36043	1304663	106203	3860	1302	1571920	1014	20
1983	GN	58461	14048	97264	20721	517	1169	192180	1030	22
	SN	222854	90801	3837467	58407	4137	809	4214475	1195	22
1982	GN	74108	13071	42826	11073	1353	1068	143499	688	28
	SN	302220	47989	668997	31983	7358	855	1059402	1317	28
1981	GN	108569	5048	87683	13815		663	215778	661	17
	SN	198317	6613	396929	14887		505	617251	822	17
1980	GN	57067	10257	106416	78096		734	252570	1117	16
	SN	88697	16233	575455	63628		583	744596	667	17
1979	GN	77471	11251	36498	21169		419	146808	880	15
	SN	122516	23252	182940	20194		253	349155	674	15
1978	GN	67740	16331	129717	31798		594	246180	974	34
	SN	73771	35028	1680759	48730		572	1838860	863	34
1977	GN	79846	9441	177557	28624		294	295762	714	24
	SN	229905	10774	1241671	60135		333	1542818	890	24
1976	GN	21876	4905	38221	5552		178	70732	562	15
	SN	62151	5750	104773	6431		105	179210	175	15
1975	GN	47695	12170	33183	10038		275	103361	888	21
	SN	39116	4116	121265	2993		45	167535	324	21
1974	GN	139007	8186	25646	35899		283	209021	1698	25
	SN	183124	2963	56304	15683		59	258133	652	18
1973	GN	75303	4929	33537	19808		235	133812	798	26
	SN	24344	1813	86563	17791		25	130536	139	26
AVG 73 - 87	GN	62850	8675	71320	22749	694	620	166381	805	22
	SN	146607	23852	1007928	44695	5033	492	1225818	755	21
	TOTAL	209457	32527	1079248	67444	5728	1112	1392199	1560	43

NOTE: 1973 TO 1982 CATCH FIGURES ARE TAKEN FROM B.C. SALES LIP DATA. *FOR PINKS, 1973-82, THE CATCH IS CALCULATED: $3X+3Y+\Delta Z$ WHERE $\Delta Z=25\%$ OF Z .

1983, 1984 AND 1985 WERE CALCULATED FROM THE TOTAL AREA 3 SALES LIPS USING THE ANNUAL HAILCOUNTS TO ALLOCATE THE CATCH TO 3(1-4) AND TO 3(7-17).

1986 CATCH FIGURES ARE BASED ON HAIL DATA.

1987 CATCH FIGURES ARE BASED ON PRELIMINARY HAIL DATA.

+

FOR CHINOOK, THE 3(1-4) AND 3(7-17) DATA ARE AVAILABLE ONLY FOR LG AND JACKS COMBINED PREVIOUS TO 1982 AND AGAIN IN 1987. THE AVERAGE SHOWN AT THE BOTTOM OF THE TABLE, THEN, IS FOR YEARS 1982-1986.

TABLE 26.
DEPARTMENT OF FISHERIES AND OCEANS
COMMERCIAL SALMON HARVEST AND EFFORT
GILLNET AND SEINE
ANNUAL CATCH (1973-1987)
AREA 3(7-17)

YEAR	GEAR	SOCKEYE	COHO	* PINK	* CHUM	CHINOOK (LG)	STHD	TOTAL	BOAT DAYS	DAYS FISHING
1987	GN	24553	4138	131596	14929	458		175674	620	18
	SN	66939	6693	1720272	53840	6702		1854446	726	18
1986	GN	20872	7951	96905	32205	716		158649	604	25
	SN	31875	15514	1259097	57895	2089		1366470	418	24
1985	GN	63788	5897	146597	11569	517	2882	231250	448	21
	SN	40272	6503	1210734	44121	1063	1087	1303780	356	17
1984	GN	77714	21785	157105	104852	2649	2910	367015	2149	23
	SN	27983	13281	810972	70142	2264	517	925159	566	20
1983	GN	47110	11724	227177	48784	564	1295	336654	1347	22
	SN	122458	39511	3225816	55511	3769	785	3447850	962	22
1982	GN	178849	7132	19265	8631	6828	1147	221852	2467	30
	SN	91697	23461	315012	19218	3789	342	453519	332	30
1981	GN	44734	3184	25795	9119		514	83346	1466	19
	SN	52520	3675	137184	6087		200	199666	367	19
1980	GN	11032	6503	33743	125972		523	177773	1863	17
	SN	10356	3969	139377	33997		66	187765	245	17
1979	GN	16557	3098	3809	19956		241	43661	1051	12
	SN	1119	120	2215	1379		4	4837	69	12
1978	GN	107034	13999	75982	37963		765	235743	3513	40
	SN	38385	22119	786617	31024		176	878321	636	40
1977	GN	326365	20919	155305	113952		1112	617653	5493	35
	SN	90476	6288	547443	82964		138	727309	656	33
1976	GN	132858	7353	13777	13448		406	167842	2731	22
	SN	3577	474	2749	805		30	7635	8	15
1975	GN	41792	12693	5862	11744		263	72354	2401	21
	SN	1265	947	1918	2196		13	6339	142	17
1974	GN	177842	9395	10770	124651		585	323243	4017	32
	SN	19721	978	17280	38861		17	76857	208	25
1973	GN	438400	7929	36941	150096		758	634124	4040	45
	SN	20745	1726	59547	52566		20	134604	305	34
AVG 73 - 87	GN	113967	9580	76042	55191	2255	1031	256456	2281	25
	SN	41293	9684	682416	36707	2595	261	771637	400	23
	TOTAL	155262	19264	758457	91973	5234	1292	1028093	2681	48

NOTE: 1973 TO 1982 CATCH FIGURES ARE TAKEN FROM B.C. SALES LIP DATA. *FOR PINKS, 1973-82, THE CATCH IS CALCULATED: $3X+3Y+\Delta Z$ WHERE $\Delta Z=25\%$ OF $3Z$.
1983, 1984 AND 1985 WERE CALCULATED FROM THE TOTAL AREA 3 SALES LIPS USING THE ANNUAL HAILCOUNTS TO ALLOCATE THE CATCH TO 3(1-4) AND TO 3(7-17).
1986 CATCH FIGURES ARE BASED ON HAIL DATA.
1987 CATCH FIGURES ARE BASED ON PRELIMINARY HAIL DATA.

+
FOR CHINOOK, THE 3(1-4) AND 3(7-17) DATA ARE AVAILABLE ONLY FOR LG AND JACKS COMBINED PREVIOUS TO 1982 AND AGAIN IN 1987. THE AVERAGE SHOWN AT THE BOTTOM OF THE TABLE, THEN, IS FOR YEARS 1982-1986.

TABLE 27.
DEPARTMENT OF FISHERIES AND OCEANS
COMMERCIAL SALMON HARVEST AND EFFORT
GILLNET AND SEINE
ANNUAL CATCH (1973-1987)
AREA 3

YEAR	GEAR	SOCKEYE	COHO	PINK	CHUM	* CHINOOK (LG)	STHD	TOTAL	BOAT DAYS	DAYS FISHING
1987	GN	47198	5392	196508	19720	729		269547	1015	19
	SN	208794	18572	3507161	121742	16177		3872446	1780	18
1986	GN	46079	15223	188295	48184	1135		298916	1125	25
	SN	158528	46281	3087013	145720	7173		3444715	1221	24
1985	GN	105866	11573	174566	19305	1035	3712	316057	813	21
	SN	304004	40266	2457056	111754	5790	2038	2920908	1099	17
1984	GN	123389	28068	234082	140989	3314	4233	534075	2929	23
	SN	147832	49324	2115635	176345	6124	1819	2497079	1580	20
1983	GN	105571	25772	324441	69505	1081	2464	528834	2377	22
	SN	345312	130312	7063283	113918	7906	1594	7662325	2157	22
1982	GN	252957	20203	62091	19704	8181	2215	365351	3155	34
	SN	393917	71450	984009	51201	11147	1197	1512921	1649	34
1981	GN	153303	8232	113478	22934	2744	1177	301868	2127	26
	SN	250837	10288	534113	20974	4840	705	821757	1189	26
1980	GN	68099	16760	140159	204068	1360	1257	431703	2980	20
	SN	99053	20202	714832	97625	3764	649	936125	912	20
1979	GN	94028	14349	40307	41125	2054	660	192523	1931	17
	SN	123635	23372	185155	21573	4803	257	358795	743	17
1978	GN	174774	30330	205699	69761	3711	1359	485634	4487	40
	SN	112156	57147	2467376	79754	7199	748	2724380	1499	40
1977	GN	406211	30360	332862	142576	6006	1406	919421	6207	37
	SN	320381	17062	1789114	143099	6596	471	2276723	1546	35
1976	GN	154734	12258	51998	19000	7305	584	245879	3293	28
	SN	65728	6224	107522	7236	836	135	187681	183	21
1975	GN	89487	24863	39045	21782	7711	538	183426	3289	30
	SN	40381	5063	123183	5189	3171	58	177045	466	26
1974	GN	316849	17581	36416	160550	7466	868	539730	5715	37
	SN	202845	3941	73584	54544	3764	76	338754	860	30
1973	GN	513703	12858	70478	169904	9558	993	777494	4838	46
	SN	45089	3539	146110	70357	2749	45	267889	444	36
AVG 73-87	GN	176817	37750	147362	77940	4226	1651	426031	3085	28
	SN	187899	33536	1690343	81402	6136	753	1999970	1155	26
	TOTAL	364716	71286	1837705	159417	10362	2404	2426000	4240	54

NOTE: 1973 TO 1985 CATCH FIGURES ARE TAKEN FROM THE B.C. CATCH STATISTICS PUBLICATIONS.

1986 CATCH FIGURES ARE BASED ON HAIL DATA.

1987 CATCH FIGURES ARE BASED ON PRELIMINARY HAIL DATA.

*FOR 1987, AREA 3 CHINOOK CATCH INCLUDES JACKS.

TABLE 28.
 DEPARTMENT OF FISHERIES AND OCEANS
 PRELIMINARY ANNUAL ESCAPEMENTS
 1987
 AREAS 3,4,5

Area	Sockeye	Coho	Pink	Chum	Chinook
3	180,000	19,000	375,000	30,000	10,000
4	1,328,000	33,000	3,180,000	8,000	59,000
5	27,000	5,000	129,000	11,000	25

NOTE: ESCAPEMENT ENUMERATION IS CURRENTLY IN PROGRESS. THE DATA
 PRESENTED HERE IS PRELIMINARY.

TABLE 29.
DEPARTMENT OF FISHERIES AND OCEANS
ANNUAL SALMON ESCAPEMENTS
1966-1986
AREA 3

YEAR	SOCKEYE	COHO	PINK	CHUM	CHINOOK
1986	187451	34760	366965	34900	17390
1985	362545	44539	508855	48970	8002
1984	182450	67150	530525	67125	12620
1983	185150	36360	738205	45115	8055
1982	306070	31055	427135	29476	6575
1981	255818	34417	204425	16490	7950
1980	155515	22655	134375	54794	9072
1979	212944	18655	50625	42313	8180
1978	147718	32950	391445	76470	10190
1977	400371	35605	229155	57975	9060
1976	143405	32700	158175	65100	5590
1975	70874	15410	141758	30550	6025
1974	193703	16435	84915	121570	3775
1973	284682	9450	70786	66100	3550
1972	178716	21100	244600	81200	20100
1971	247524	44525	136525	28825	17000
1970	115503	48300	226250	35475	18200
1969	179428	21025	45750	28250	28550
1968	95605	45000	222025	59625	28300
1967	79728	38775	65140	39925	27650
1966	109459	85425	297235	35350	14285
1966-69	116055	47556	157538	40788	24696
1970-74	204026	27962	152615	66634	12525
1975-79	195062	27064	194232	54482	7809
1980-84	217001	38327	406933	42600	8854

NOTE: MEZIADIN FISHWAY INSTALLED IN 1966

TABLE 30.
DEPARTMENT OF FISHERIES AND OCEANS
PRELIMINARY COMMERCIAL SALMON HARVEST REPORT
GILLNET 1987
WEEKLY CATCH
AREA 4

JULIAN WEEK	STAT. WEEK	1987		C A T C H					BOAT DAYS	DAYS FISHING
		WEEK ENDING DATE	SOCKEYE	COHO	PINK	CHUM	CHINOOK	TOTAL		
19	5-1	MAY 09								
20	5-2									
21	5-3									
22	5-4									
23	6-1	JUN 06								
24	6-2									
25	6-3									
26	6-4									
27	7-1	JULY 04								
28	7-2		11 21798	625	2748	804	805	26780	275	1
29	7-3		18 74011	713	13304	1964	1213	91205	424	1
30	7-4		25 104466	1023	145529	1814	771	253603	1046	2
31	7-5	AUG 01	112287	2373	416590	3473	509	535232	997	2
32	8-1		08 89612	3084	603521	4449	382	701048	1557	4
33	8-2		15 36577	2368	280527	2619	212	322303	749	3
34	8-3		22 19188	2191	135080	2500	74	159033	630	3
35	8-4		29 1449	401	10032	493	12	12387	125	1
36	9-1	SEPT 05								
37	9-2									
38	9-3									
TOTALS			459388	12778	1607331	18116	3978	2101591	5803	17

NOTE: 1987 CATCH FIGURES ARE PRELIMINARY, BASED ON DAILY HAILCOUNTS

TABLE 31.
DEPARTMENT OF FISHERIES AND OCEANS
PRELIMINARY COMMERCIAL SALMON HARVEST REPORT
SEINE 1987
WEEKLY CATCH
AREA 4

JULIAN WEEK	STAT. WEEK	1987 WEEK		C A T C H					BOAT DAYS	DAYS FISHING
		ENDING DATE	SOCKEYE	COHO	PINK	CHUM	CHINOOK	TOTAL		
19	5-1	MAY 09								
20	5-2									
21	5-3									
22	5-4									
23	6-1	JUN 06								
24	6-2									
25	6-3									
26	6-4									
27	7-1	JULY 04								
28	7-2									
29	7-3									
30	7-4		39440	982	176190	1454	1195	219261	128	2
31	7-5	AUG 01								
32	8-1									
33	8-2		8505	635	150355	2052	295	161842	48	3
34	8-3		2812	1074	86854	1010	18	91768	39	2
35	8-4									
36	9-1	SEPT 05								
37	9-2									
38	9-3									
TOTALS			50757	2691	413399	4516	1508	472871	215	7

NOTE: 1987 CATCH FIGURES ARE PRELIMINARY, BASED ON DAILY HAILCOUNTS

TABLE 32.
DEPARTMENT OF FISHERIES AND OCEANS
COMMERCIAL SALMON HARVEST AND EFFORT
GILLNET AND SEINE
ANNUAL CATCH (1973-1987)
AREA 4

YEAR	GEAR	SOCKEYE	COHO	PINK	CHUM	CHINOOK (LG)	STHD	TOTAL	BOAT DAYS	DAYS FISHING
1987	GN	459388	12778	1607331	18116	3978	7849	2109440	5803	17
	SN	50757	2691	413399	4516	1508	464	473335	215	7
1986	GN	473167	41172	1200226	40247	5967	18919	1779698	6095	21
	SN	23668	9235	370885	6421	1181	607	411997	94	7.5
1985	GN	1717566	55392	949986	85086	14291	23518	2845839	12504	26
	SN	316134	14833	748788	27597	4991	1764	1114107	819	9
1984	GN	581968	34722	629337	98249	6519	19359	1370154	7705	22
	SN	173491	11589	372662	29022	3198	2070	592032	761	6
1983	GN	285137	38682	639560	24366	2437	4688	994870	4699	15
	SN	0	0	0	0	0	0	0	0	0
1982	GN	1314982	43577	149160	35864	7682	11427	1562692	8799	18
	SN	376815	21602	170255	26706	5223	958	601559	827	6
1981	GN	1362820	29062	846828	35226	9878	8972	2292786	13170	26
	SN	187085	3926	295706	7736	3975	280	498708	401	8
1980	GN	328320	20358	161436	67546	5181	3994	586835	5726	13
	SN	5262	1096	12345	3124	160	12	21999	6	2
1979	GN	1214058	42259	605277	51830	8129	5340	1926893	11103	19
	SN	12757	5208	40269	2673	1345	39	62291	36	4
1978	GN	394214	55442	286595	54448	4552	3867	799118	6487	28
	SN	11733	3693	79817	7014	716	25	102998	76	4
1977	GN	813988	57006	1062708	58252	7137	4644	2003735	10941	28
	SN	44904	2919	321003	8287	1084	83	378280	244	4
1976	GN	635150	26205	176687	11722	3608	2819	856191	6289	17
	SN	16476	981	29584	2156	130	21	49348	39	7
1975	GN	433467	23252	409051	17316	5872	3018	891976	6849	26
	SN	54535	4741	109033	5325	994	128	174756	400	14
1974	GN	1155855	24247	219704	51095	9043	4035	1463979	11703	26
	SN	224964	3696	80015	9813	1097	91	319676	480	20
1973	GN	1231431	39187	536248	82573	10980	4399	1904818	10368	37
	SN	75801	1975	65484	6429	729	35	150453	211	16
AVG 73-87	GN	826767	53606	632009	48796	7017	8457	1559268	8549	23
	SN	104959	5879	207283	9788	1755	438	330103	307	8
	TOTAL	931726	59485	839292	58584	8772	8895	1889371	8856	31

NOTE: 1973 TO 1985 CATCH FIGURES ARE TAKEN FROM THE B.C. CATCH STATISTICS PUBLICATIONS.
1986 CATCH FIGURES ARE BASED ON HAIL DATA.
1987 CATCH FIGURES ARE BASED ON PRELIMINARY HAIL DATA.

TABLE 33.
DEPARTMENT OF FISHERIES AND OCEANS
ANNUAL SALMON ESCAPEMENTS
1966-1986
AREA 4

YEAR	SOCKEYE	COHO	PINK	CHUM	CHINOOK
1986	712802	53617	2324244	12760	59968
1985	2174806	19974	2042345	12188	53599
1984	1055215	50609	1036942	29779	37598
1983	893723	24913	2610062	1667	23562
1982	1139176	24421	750315	4614	17092
1981	1424009	26741	1187865	9385	24523
1980	542964	31587	745567	25007	23429
1979	1169486	24519	515638	5705	18488
1978	464799	50038	724222	8153	22661
1977	951705	37659	976527	10927	29018
1976	582327	32916	693875	11071	13078
1975	822633	22144	1767932	10375	20319
1974	726291	37724	368925	14102	31576
1973	751859	41317	1260211	25476	40341
1972	697237	57539	1765554	36920	20651
1971	825900	75820	1173406	5257	18500
1970	678652	84925	971800	10890	21150
1969	648504	76820	889475	10634	29555
1968	584754	123050	1701050	10625	24725
1967	632683	60553	592687	13775	25890
1966	421319	117350	619588	19380	18283
1966-69	571815	94443	950700	13604	24613
1970-74	735988	59465	1107979	18529	26444
1975-79	798190	33455	935639	9246	20713
1980-84	1011017	31654	1266150	14090	25241

TABLE 34.
DEPARTMENT OF FISHERIES AND OCEANS
PRELIMINARY COMMERCIAL SALMON HARVEST REPORT
GILLNET 1987
WEEKLY CATCH
AREA 5

JULIAN WEEK	STAT. WEEK	1987		C A T C H					BOAT DAYS	DAYS FISHING	
		WEEK ENDING DATE	SOCKEYE	COHO	PINK	CHUM	CHINOOK	TOTAL			
19	5-1	MAY	09								
20	5-2		16								
21	5-3		23								
22	5-4		30								
23	6-1	JUN	06								
24	6-2		13								
25	6-3		20								
26	6-4		27								
27	7-1	JULY	04								
28	7-2		11	1446	146	380	193	10	2175	21	1
29	7-3		18	1420	136	660	211	5	2432	19	1
30	7-4		25	2430	240	3281	1150	43	7144	41	2
31	7-5	AUG	01	1260	175	1262	338	2	3037	20	1
32	8-1		08	1997	561	4337	1723	7	8625	57	3
33	8-2		15	565	122	1865	591	0	3143	33	3
34	8-3		22	15	0	80	0	0	95	1	2
35	8-4		29								
36	9-1	SEPT	05								
37	9-2		12								
38	9-3		19								
TOTALS				9133	1380	11865	4206	67	26651	192	13

NOTE: 1987 CATCH FIGURES ARE PRELIMINARY, BASED ON DAILY HAILCOUNTS

TABLE 35.
DEPARTMENT OF FISHERIES AND OCEANS
PRELIMINARY COMMERCIAL SALMON HARVEST REPORT
SEINE 1987
WEEKLY CATCH
AREA 5

JULIAN WEEK	STAT. WEEK	1987		C A T C H					BOAT DAYS	DAYS FISHING
		WEEK ENDING DATE		SOCKEYE	COHO	PINK	CHUM	CHINOOK	TOTAL	
19	5-1	MAY	09							
20	5-2		16							
21	5-3		23							
22	5-4		30							
23	6-1	JUN	06							
24	6-2		13							
25	6-3		20							
26	6-4		27							
27	7-1	JULY	04							
28	7-2		11							
29	7-3		18	3987	121	5815	457	145	10525	33
30	7-4		25	6225	56	29121	455	29	35886	14
31	7-5	AUG	01	5639	272	78890	713	10	85524	27
32	8-1		08	4580	1262	91283	2590	82	99797	59
33	8-2		15	5852	910	275237	2600	57	284656	86
34	8-3		22	3091	317	71052	432	22	74914	50
35	8-4		29							
36	9-1	SEPT	05							
37	9-2		12							
38	9-3		19							
TOTALS				29374	2938	551398	7247	345	591302	269
										12

NOTE: 1987 CATCH FIGURES ARE PRELIMINARY, BASED ON DAILY HAILCOUNTS

TABLE 36.
DEPARTMENT OF FISHERIES AND OCEANS
COMMERCIAL SALMON HARVEST AND EFFORT
GILLNET AND SEINE
ANNUAL CATCH (1973-1987)
AREA 5

YEAR	GEAR	SOCKEYE	COHO	PINK	CHUM	CHINOOK (L6)	STHD	TOTAL	BOAT DAYS	DAYS FISHING
1987	GN	9133	1380	11865	4206	67	56	26707	192	13
	SN	29374	2938	551398	7247	345	95	591397	269	12
1986	GN	12239	7806	101820	14616	38	612	137131	529	23
	SN	18691	13382	1458412	16077	673	288	1507523	389	22
1985	GN	12751	2085	13660	4960	92	364	33912	169	16
	SN	41752	3155	282916	11229	528	591	340171	241	12
1984	GN	11954	7317	28616	14097	150	371	62505	435	15
	SN	23582	12669	548352	13979	519	438	599539	355	14
1983	GN	10379	8202	33465	18253	151	115	70565	501	14
	SN	3982	3749	97487	1751	102	52	107123	55	14
1982	GN	35314	10248	23726	12695	297	178	82458	548	17
	SN	35862	5384	58404	7685	1284	55	108674	197	17
1981	GN	25171	5809	26377	7909	194	130	65590	552	11
	SN	3884	536	12933	1107	264	29	18753	49	11
1980	GN	23703	12997	101142	33131	299	298	171570	852	15
	SN	3025	4289	369507	6749	296	39	383905	158	15
1979	GN	19673	12842	24896	13003	355	116	70885	683	19
	SN	4974	1314	81307	2215	267	23	90100	169	19
1978	GN	31066	25458	107231	33713	574	316	198358	1350	33
	SN	3480	3157	226022	6218	455	30	239362	205	33
1977	GN	21568	20467	171008	26474	454	238	240209	1199	31
	SN	7153	4965	162690	5893	346	26	181073	253	31
1976	GN	18589	18351	228363	12550	468	121	278442	1604	28
	SN	487	3752	297249	885	73	6	302452	146	28
1975	GN	9703	13368	37086	8391	246	73	68867	493	26
	SN	19422	5741	312474	3582	831	115	342165	207	24
1974	GN	11596	24263	46696	13464	433	92	96544	638	18
	SN	2121	2124	98296	3523	171	8	106243	89	11
1973	GN	20949	11067	23573	18840	1530	92	76051	1001	27
	SN	9466	2227	121751	6490	233	23	140190	380	21
AVG 73-87	GN	19133	12408	99627	15469	381	233	147251	707	20
	SN	13817	4625	311947	6309	426	121	337245	211	19
	TOTAL	32950	17034	411574	21777	807	354	484496	918	39

NOTE: 1973 TO 1985 CATCH FIGURES ARE TAKEN FROM THE B.C. CATCH STATISTICS PUBLICATIONS.

1986 CATCH FIGURES ARE BASED ON HAIL DATA.

1987 CATCH FIGURES ARE BASED ON PRELIMINARY HAIL DATA.

TABLE 37.
DEPARTMENT OF FISHERIES AND OCEANS
ANNUAL SALMON ESCAPEMENTS
1966-1986
AREA 5

YEAR	SOCKEYE	CORR	PINK	CHUM	CHINOOK
1986	25000	22476	317100	16600	150
1985	37250	4350	174575	11615	15
1984	17050	8125	171500	6320	25
1983	12450	4325	84900	4335	
1982	19450	2670	70300	7320	
1981	16000	18025	126850	3650	
1980	17800	11525	225825	9350	
1979	16000	17475	47700	13175	25
1978	28850	18751	255851	13075	
1977	11200	25410	110175	28460	25
1976	19050	27575	350200	19725	25
1975	50000	33000	170375	10075	
1974	43925	18250	337275	34100	
1973	32425	18500	56875	19275	
1972	24425	21845	281675	17800	
1971	54900	9675	81161	25625	
1970	23825	10700	140450	12300	
1969	22400	14650	17775	3400	
1968	59000	52900	273950	11050	
1967	39300	33250	21850	13300	
1966	111950	75750	273075	17700	

1966-69	58163	44138	146663	11363	

1970-74	35900	15794	179487	21820	

1975-79	25020	24442	186860	16902	

1980-84	16550	8934	135875	6195	

TABLE 38.
DEPARTMENT OF FISHERIES AND OCEANS
COMMERCIAL COMMERCIAL SALMON HARVEST REPORT
TROLL 1987
WEEKLY CATCH
AREA 1

JULIAN WEEK	STAT. WEEK	1987 WEEK		C A T C H							TOTAL	EFFORT
		ENDING DATE	SOCKEYE	COHO	PINK	CHUM	CHINOOK	STEELHEAD				
27	7-1	JULY	04	2301	32258	109316	1082	4707	16	149664	1078	
28	7-2		11	6764	78927	320092	3074	11275	46	420132	2693	
29	7-3		18	5731	55866	307353	3452	8318	19	380720	2333	
30	7-4		25	5782	51418	275808	3942	8628	26	345578	2053	
31	7-5	AUG	01	9938	36104	284627	4677	12038	111	347384	1896	
32	8-1		08	7399	18189	122071	3119	12031	24	162809	1500	
33	8-2		15	2766	9648	44098	2005	11680	10	70197	1235	
34	8-3		22	864	11359	39967	1719	12034	10	65943	1307	
35	8-4		29	427	6944	33045	1783	4140	11	46339	894	
36	9-1	SEPT	05	259	4584	18954	1658	372	8	25827	277	
37	9-2		12	20	1669	3876	482	0	3	6047	110	
TOTALS				42251	306966	1559207	26993	85223	284	2020640	15376	

DATA SOURCE:
SALESIPS TO OCTOBER 14, 1987.

TABLE 39.
DEPARTMENT OF FISHERIES AND OCEANS
COMMERCIAL SALMON HARVEST
TROLL
ANNUAL CATCH AND EFFORT (1973-1987)
AREA 1

YEAR	SOCKEYE	COHO	PINK	CHUM	CHINOOK	STHD	EFFORT
1987	42251	306966	1559207	26993	85223	284	15376
1986	25713	568930	441604	28209	85538	241	13417
1985	32969	330665	687034	106746	89191	277	18299
1984	17900	334648	1177577	50532	117905	116	21218
1983	3947	355746	193807	5324	96913	81	20409
1982	3840	146075	56340	2326	109247	56	18175
1981	8837	197574	264065	4421	70100	68	19343
1980	4751	279946	721646	9158	67934	132	24109
1979	4813	269487	112766	2712	58134	109	13896
1978	799	264158	57445	2904	71322	37	11193
1977	2107	96031	67063	1004	47952	25	8744
1976	1151	62974	1123	197	51265	4	8859
1975	8103	109051	23862	741	95476	116	11526
1974	9403	156066	44504	884	71861	68	9298
1973	463	130672	31380	891	55007	38	8806
AVERAGE							
1973-87	11136	240599	362628	16203	78205	110	14845

DATA SOURCES:

1987,1986: SALESLEIPS TO OCTOBER 14, 1987.

1985-1973: BRITISH COLUMBIA CATCH STATISTICS PUBLICATIONS (SALESLEIPS).

TABLE 40.
DEPARTMENT OF FISHERIES AND OCEANS
COMMERCIAL NET SALMON FORECAST - 1988
AREAS 1,3,4 AND 5

		TOTAL PRODUCTION	EXPECTED ESCAPEMENT	CATCH OF AREAS PRODUCTION	CATCH OF OTHER AREAS PRODUCTION	TOTAL CATCH
=====						
AREA 1	Sockeye				15,000 Nass 50,000 Skeena	65,000
	Pink	1,400,000	1,000,000	400,000	200,000 Skeena	600,000
AREA 3	Sockeye	393,000	220,000	158,000	175,000 Skeena	333,000
	Pink	775,000	375,000	400,000	800,000 Skeena	1,200,000
	Chum	110,000	61,000	49,000	80,000 Others	129,000
AREA 4	Sockeye	2,400,000	1,030,000	1,120,000	0	1,120,000
	Pink	5,000,000	1,600,000	2,000,000	0	2,000,000
AREA 5	Sockeye	35,000	20,000	15,000	25,000 Skeena	40,000
	Pink	685,000	250,000	435,000	400,000 Skeena	835,000
=====						

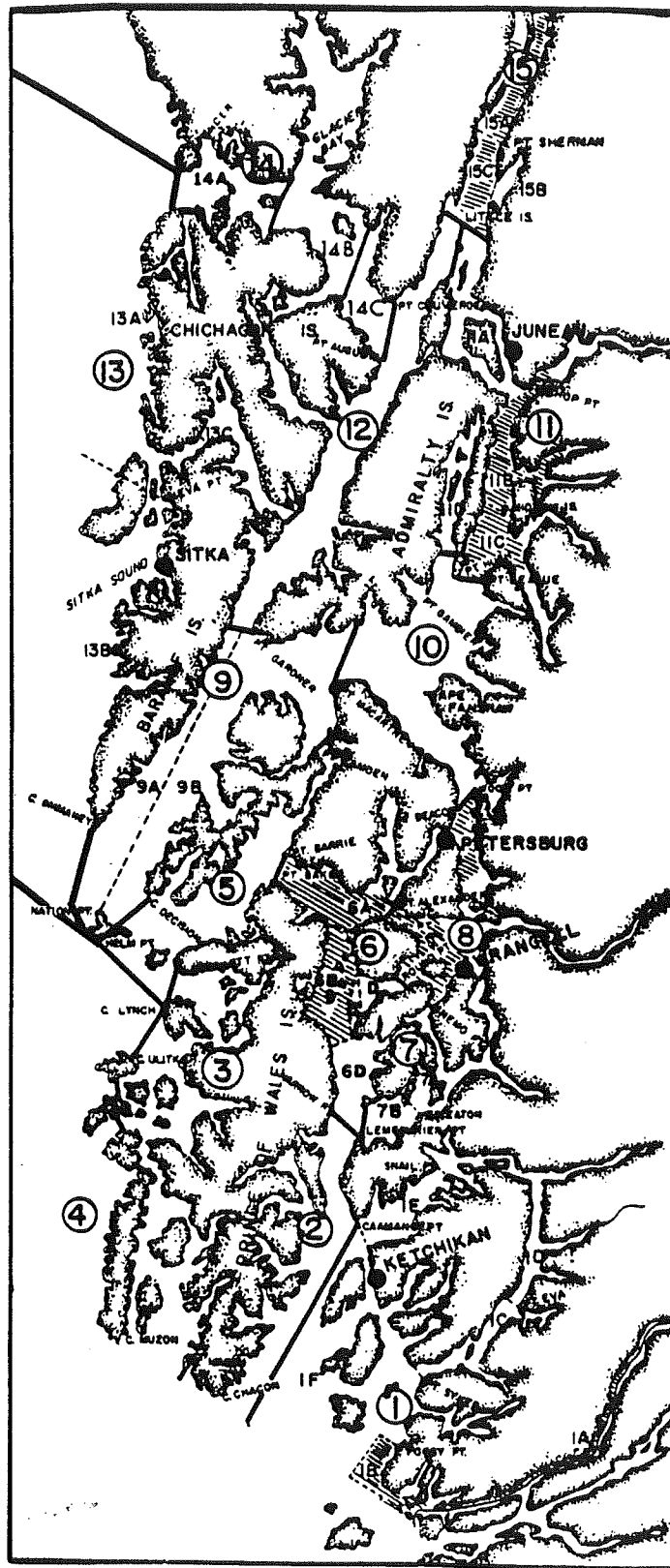
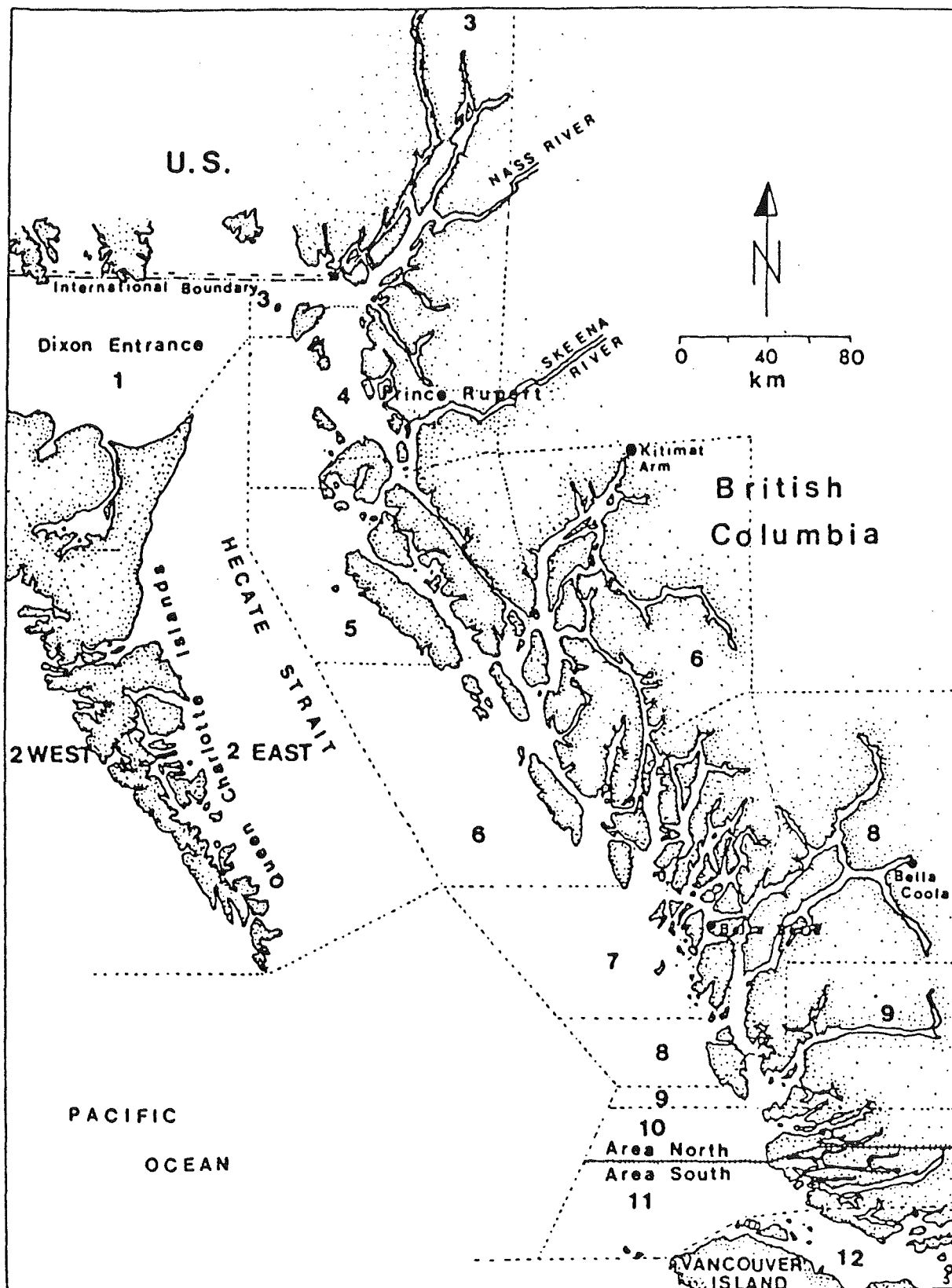


Figure 1. Southeast Alaska fishery management Districts 101-115 (1-15).

100

Figure 3.

Northern British Columbia Department of Fisheries Statistical Areas 1-10



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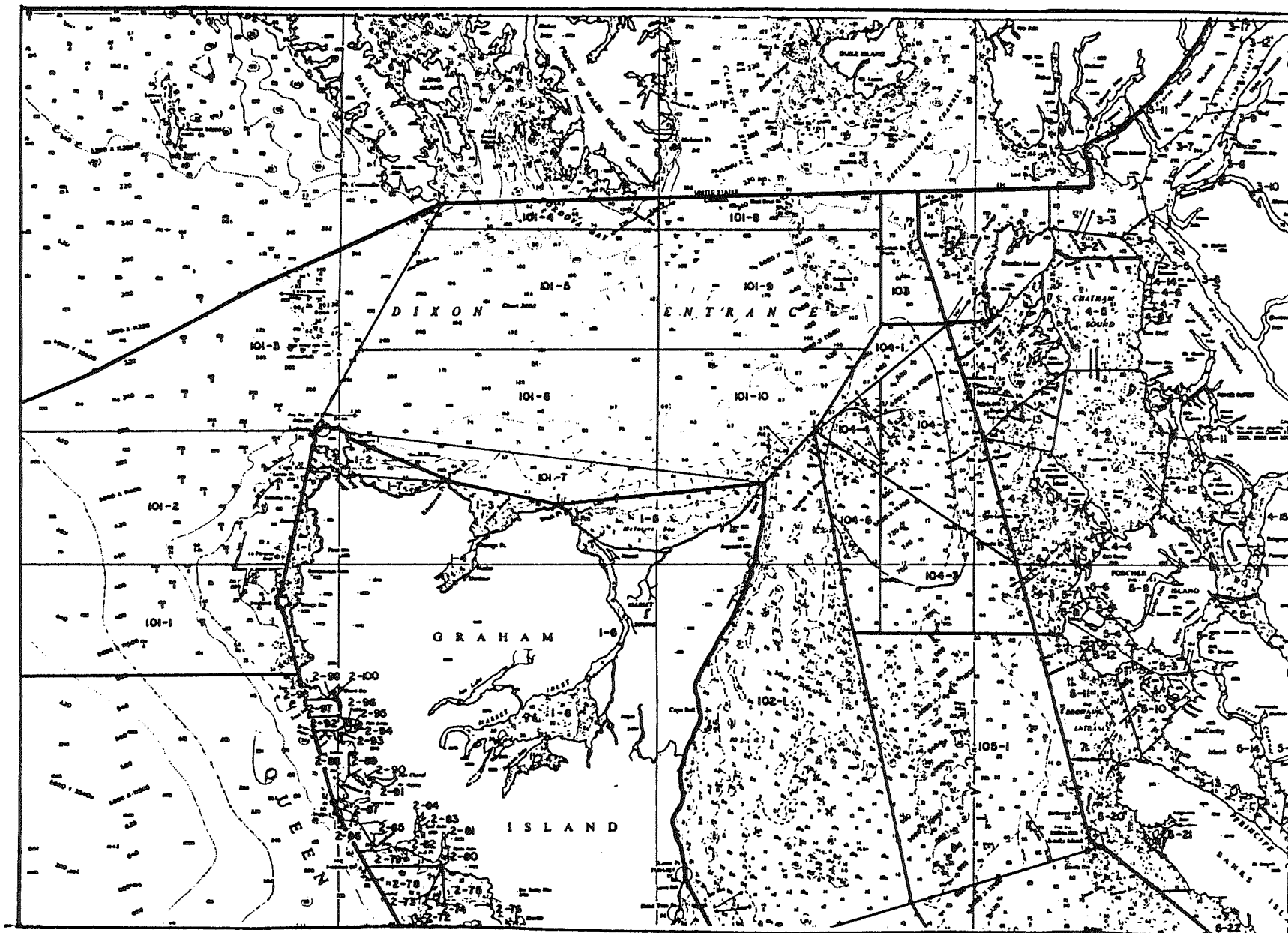


Figure 5.

Canadian Department of Fisheries Statistical Area 3 management sub-areas

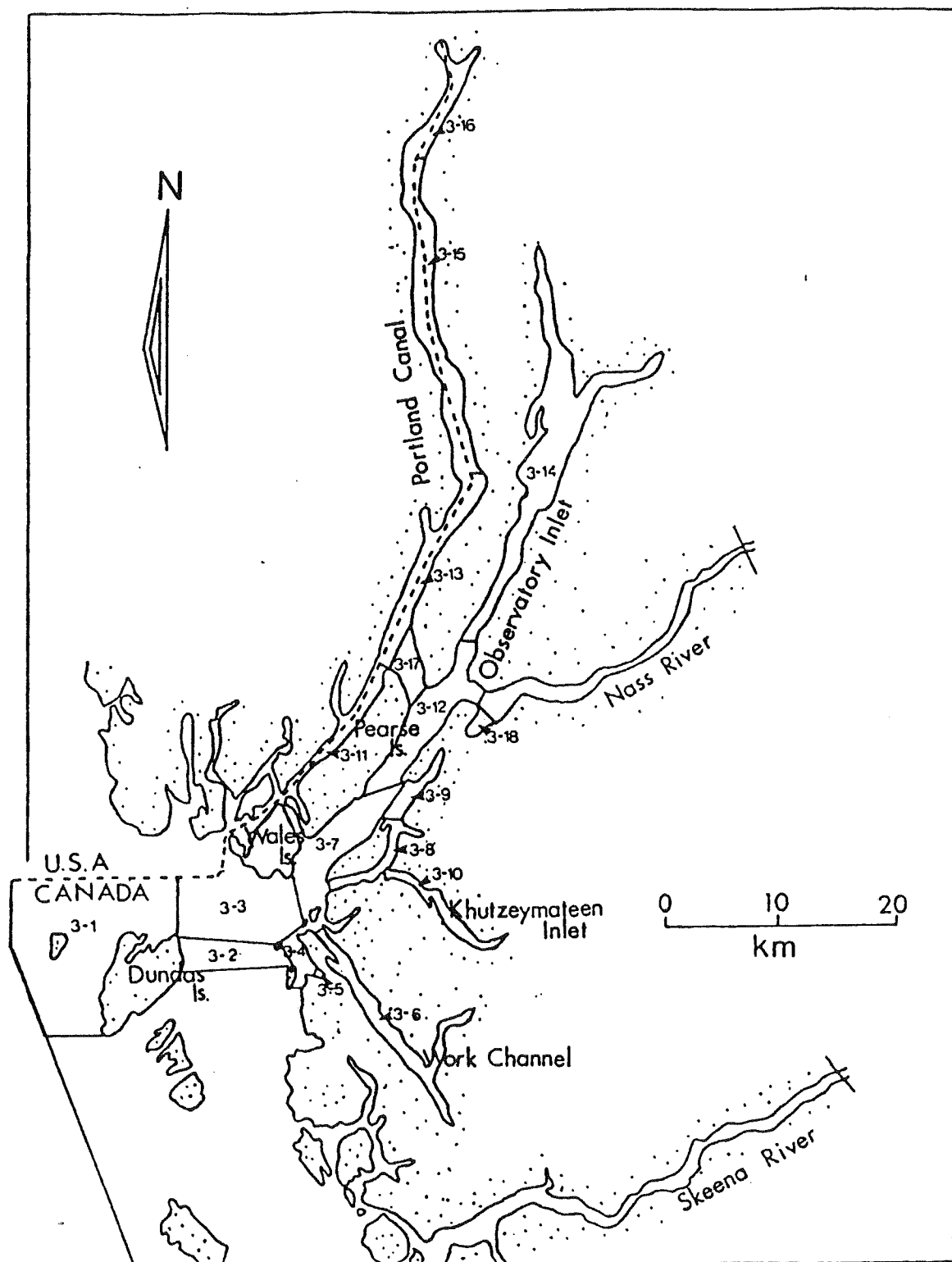


Figure 6.

Canadian Department of Fisheries 1987 Area 1 pink troll treaty and non-treaty areas

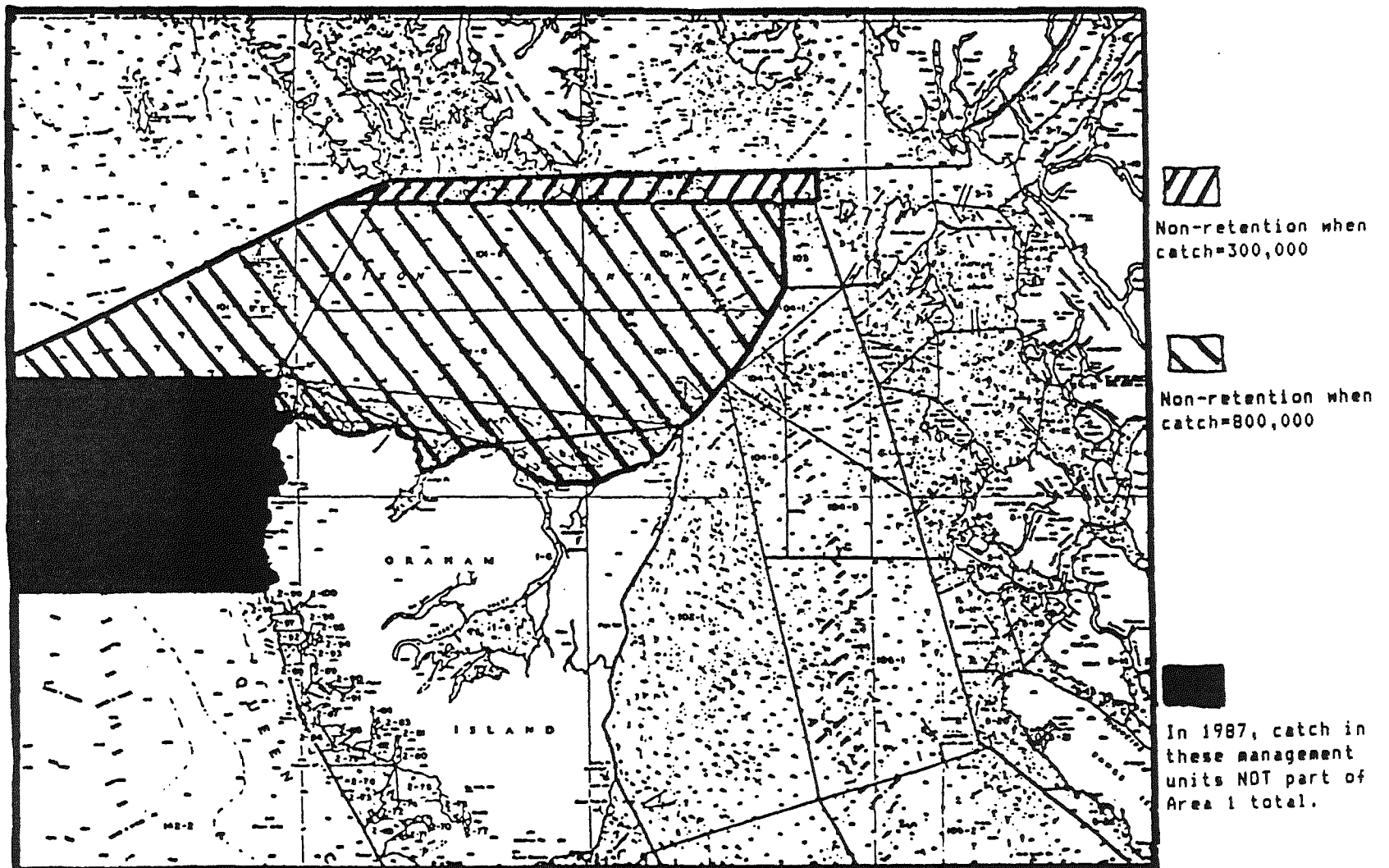


Figure 7. PINK NET CATCH SUBAREA 3(1-4)

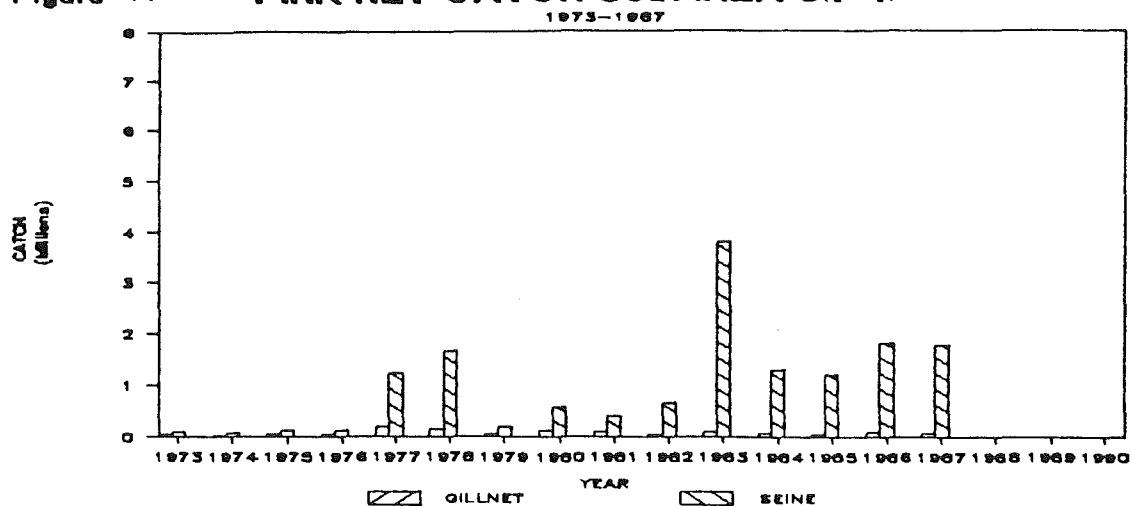


Figure 8. PINK NET CATCH AREA 3 TOTAL

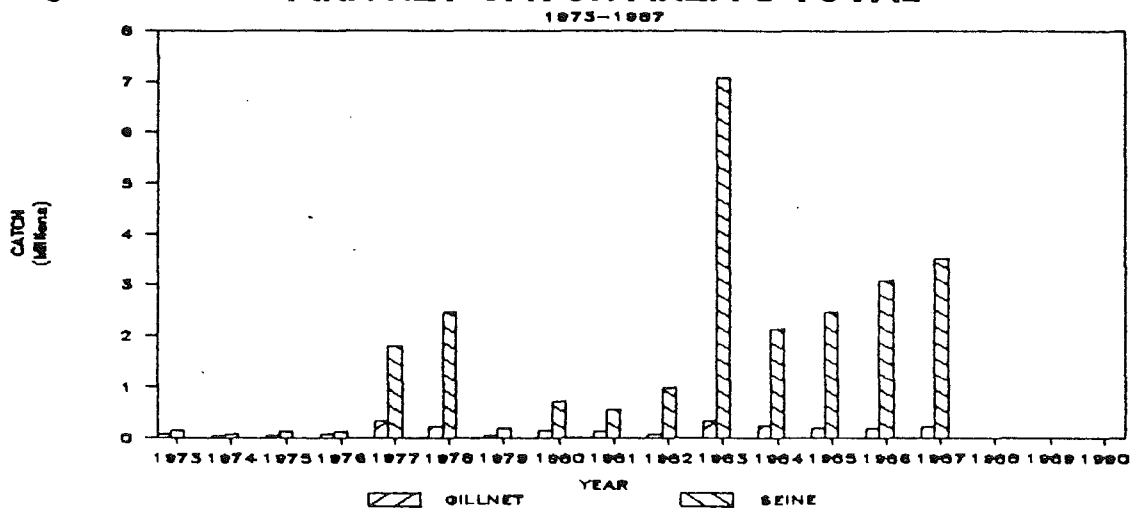
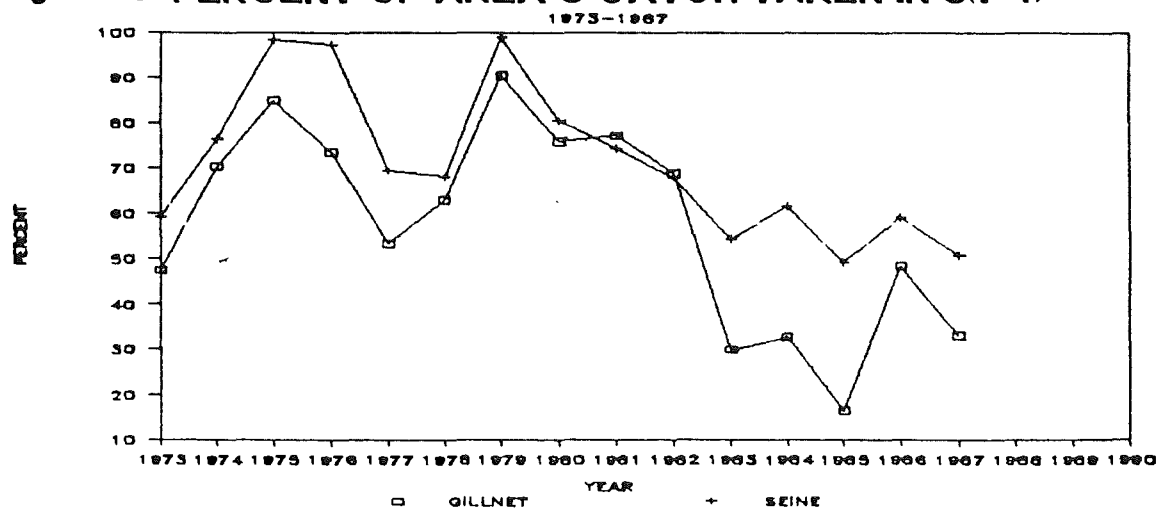


Figure 9. PERCENT OF AREA 3 CATCH TAKEN IN 3(1-4)



January 20, 1988

MEMORANDUM

TO: Stefani Hewlett, Chair, Research & Statistics Committee

FROM: Louis Lapi, Co-Chair, Technical Committee on Data Sharing
Donald Bevan, Co-Chair, Technical Committee on Data Sharing

The Data Sharing Committee has considered your letter of January 19th addressed to all technical committees.

We believe that the question under item 1 does not apply to the Data Sharing Committee although we will address any matters on data that might be raised by other technical committee responses to your questions.

The items under question 2 will be covered under our Committee's report to R & S which we plan to submit prior to February 12th.

Louis Lapi by TCS
Louis Lapi
Co-Chair
Technical Committee on Data Sharing

Don Bevan by TCS
Donald Bevan
Co-Chair
Technical Committee on Data Sharing