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**U.S./Canada Northern Boundary Area
1986 Salmon Fisheries Management Report
and 1987 Preliminary Expectations**

Prepared By

**Northern Boundary Area
Technical Committee**

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1.0

INTRODUCTION

The Northern Boundary Technical Report for 1986 is in a different format from previous years. The 1986 fishery report is presented as a separate document from the review of the research conducted in the Northern Boundary Area. This will allow us to complete the fishery reports by January, rather than waiting until later in the season for sections of the research analysis to be completed.

This report reviews the 1986 Boundary Area pink, chum and sockeye salmon fisheries of Southeast Alaska and Northern British Columbia and outlines preliminary 1987 expectations and fishing plans. The document is submitted to the Pacific Salmon Commission as required in Article IV of the Pacific Salmon Treaty. The discussion is organized to present for each fishery the review of the 1986 season, followed by a review of management performance in relation to treaty requirements and then the 1987 sockeye, pink, and chum expectations. Tables of catch and escapement are provided. The list of tables at the beginning of this report provide a summary of the contents for each table with all figures and tables referenced in the text. 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 1986 AND EXPECTATIONS FOR 1987

2.1

SOUTHERN SOUTHEAST ALASKA

2.1.1 1986 Salmon Forecast

Formal forecasts are not made for species of salmon other than pinks. The 1986 pink salmon forecast indicated a point return of 37.9 million fish. With a return of this magnitude and the attainment of a 6 million escapement goal, a harvest of 31.9 million pink salmon was indicated.

2.1.2 Review of 1986 Season

District 104 Seine Fishery:

The District 4 seine fishery (Figs. 1 and 2) opened by regulation on July 7. 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 4 year total of 480,000 prior to statistical week 31. The 1986 management plan for the district called for a guideline harvest level of 120,000 during the first 3 weekly fishing periods. In 1985 a total of 4 fishing days were provided for during the first three weeks with an attendant harvest of 101,000 sockeye.

In 1986 a total of 6 days were fished, (one day the first week, two days the second, and three the third) between July 6 and July 26. The sockeye harvest amounted to 91,000. The boat days expended during the first three weeks in 1985 amounted to 392 compared with 807 in 1986 indicating sockeye

availability was less during that same period in 1986. During the 1986 season a total of 444,000 sockeye were harvested in District 4 (Table 3). About 20% of the sockeye were taken prior to statistical week 31 in 1986 compared to an average of 44% during the period 1980-85. Although gear levels were moderate during the early portion of the season, they increased dramatically during the weeks of peak pink salmon abundance. During the peak week, statistical week 32, 220 seine vessels fished in District 4 and harvested over 8 million salmon. District 104 commercial seine catch figures for pink, chum, and sockeye salmon from 1986 are summarized in Tables 1-3.

Districts 101, 102, and 103 Seine Fishery:

Returns to Districts 1, 2, and 3 (Figs. 1 and 2) were above forecast as reflected by the catches and escapement in those districts. The pink catch in District 3 of just over 7 million was the second highest on record. Escapements in District 3 were the highest on record. Distribution in the District 3 escapements was extremely good. Despite heavy catches in both District 3 and 4, the escapement index to District 3 streams will amount to about 5.7 million pink salmon, over 3 times the published goal level. Districts 101-103 commercial seine catch figures for pink, chum, and sockeye salmon in 1986 are provided in Tables 4-12.

Tree Point Gillnet Fishery:

The Tree Point gillnet fishery (Figs. 1 and 2) opened by regulation for the 1986 season on the third Sunday in June, June 15.

Sockeye salmon catches were below average during the first 4 weeks of the fishery. The fishing period was reduced during the second week to 3 days, the third week to 1-1/2 days, and the fourth week to 2 days in response to reduced sockeye availability. Gear levels were slightly below average during the same period. During the same time chum salmon catches were somewhat above average after excluding supplemental contribution.

Beginning on July 13 (statistical week 29) and extending through September 6 (statistical week 36) the Tree Point gillnet fishery was managed according to the Pink Salmon Management Plan. The plan provides by regulation that the gillnet 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. Effort levels between the time the Pink Salmon Management Plan was initiated and mid-July were above average although they were not as high as reflected in the catch statistics. A significant amount of gear transfer occurred between the District 6 gillnet fishery and Tree Point during the period of time that District 6 was reduced to 1 and 2 days. While these boats (as many as 45 during one week) did not fish the full period at Tree Point they contributed significantly to the harvest in that area.

Over the period 1980-85, an average of 56% of the season sockeye catch has been harvested through the 29th statistical week. By comparison, 54% was harvested by that same time in 1986. The sockeye harvest peaked during the 29th statistical week, July 13 through 19.

In the interest of chum conservation and in keeping with the treaty between the U.S. and Canada, Portland and Pearse Canals remained closed throughout the entire 1986 season north of Akeku Point which lies at the southern entrance to Edward Passage in Lower Pearse Canal. Chum escapements into Fish Creek, a tributary to the Salmon River, were projected to be less than goal level, although a figure reflecting total escapement is not yet available. Tombstone River chum escapements were also thought to be below goal level. In general chum returns to Portland Canal did not seem to reflect the good abundance that was seen in the wildstock portion of the Tree Point catch or in escapements to a number of rivers in Boca de Quadra and Behm Canal located north of the gillnet fishery.

Effort levels for the season were above the past 6 year average (1980-85). The number of boat days fished in 1986 amounted to 5567 compared to a 6 year average of 4726.

It should be noted that, as a preliminary estimate, supplemental chum comprised about 13% (36,000) of the total Tree Point chum harvest. Tree Point commercial gillnet catch figures are summarized in Tables 13-15.

2.1.3 Management Performance Relative to Treaty Requirements

District 104:

The U.S./Canada Treaty calls for a maximum harvest of 480,000 sockeye from District 4 prior to statistical week 31 over the period 1985 through 1988. In 1985 a total of 101,000 sockeye were taken prior to that statistical week and in 1986 91,000. This leaves a balance of 288,000 to be apportioned between the remaining two years, 1987 and 1988.

Tree Point:

The U.S./Canada Treaty specifies that the District 1-A and 1-B gillnet fishery be limited in a manner that will result in an average annual harvest of 130,000 sockeye. The 1986 season harvest of sockeye in the Tree Point gillnet fishery totalled 145,000.

2.1.4 1987 Salmon Forecast - Southern Southeast Alaska

Due to extreme environmental conditions during the winter of 1985-86, the 1987 pink salmon returns are expected to be considerably lower than past recent years. The midpoint forecast will be in the range of 23 million (preliminary). The past 5 year annual average (1982-86) is 37.6 million. Since the escapement level is presumably constant, the deficit will come directly out of the harvest. Using an escapement goal of around 9 million the point harvest estimate is 14 million. The past 5 year average (1982-86) is 28 million or about double.

Distribution in the return should be somewhat mixed with weaker returns occurring to the mainland influenced areas and stronger returns to the island systems. Production from smaller watersheds could contribute proportionately less than usual because of severe freezing conditions.

2.2

NORTHERN BRITISH COLUMBIA

2.2.1 1986 Salmon Forecast

Area 1:

Pink - The pink brood year escapement of 1,500,000 was expected to produce a large total return. There was a concern that severe brood year over wintering conditions could reduce survivals.

Area 3:

Sockeye - An above average return of 460,000 sockeye to the Nass River was expected since both brood years, 1981 and 1982 had good escapement and over wintering conditions.

Pink - The brood year escapement of 530,000, one of the largest on record was expected to produce a large total return of 2,000,000.

Chum - Brood year escapements were poor, and the total expected return of 80,000 was well below the last 10 year average return of 180,000.

Area 4:

Sockeye - An above average return of 3,000,000 was expected based on smolt to adult survival rates and average rate of return information.

Pink - An above average return of 2,900,000 was expected based on projections using recent year average return rates.

Area 5:

Sockeye - A below average run of 45,000 was expected from weak brood year escapements.

Pink - A return of 525,000 was expected from good brood year escapements.

2.2.2 Review of 1986 Fishery Season

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

Net Fisheries:

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 River, Fraser River and Southern Southeast Alaskan stocks are also caught incidentally. The second fishery (mid-August to September) in Masset Inlet and Naden Harbor is a gillnet and seine fishery for surplus local pink and chum stocks. Area 1 weekly net catch and effort information for 1986 is outlined in Tables 16 and 17. Area

1 gillnet and seine catch from 1973 to 1986 is also provided for comparison (Table 18). A map of the local management sub-areas is included (Fig. 4).

The 1986 fishery on passing stocks opened July 13 and operated for a total of 9 fishing days before closing August 5. The sockeye catch totaled only 44,000 combined with a total pink catch of 190,000.

The fishery on local stocks opened August 18 with a seine pink fishery in Naden Harbor (Sub-Area 1-4) that operated for a total of 6 fishing days and finished September 9. The pink catch of 720,000 is a record for the Naden Harbor fishery. The Masset Inlet pink return was weak and there was no catch of pink salmon in 1986. A fall chum fishery in Masset Inlet and adjacent areas (Sub-Areas 1-5 and 1-6) began September 17 and finished October 15 after a total of 20 fishing days. The total catch of 42,000 chum was an exceptionally high catch for a fishery on Masset Inlet stocks.

The pink salmon escapement to Masset Inlet of 575,000 was close to the optimum of 650,000. Naden Harbor pink escapement totaled 120,000, on target for the key streams in the inlet. The chum escapement to Masset Inlet achieved the stated optimum level of 40,000.

Area 3:

The management units (sub-areas) of Statistical Area 3 are outlined in Figure 5. In recent years, the Area 3 gillnet sockeye fishery has begun in late June or early July. This is a delay in the opening date from previous years and is intended to reduce the exploitation of Nass River chinook stocks and the early portion of the sockeye run. In-season abundance is determined from the Nass River test fishery and from Canadian and Alaskan commercial catch levels. The Area 3 fishery is managed for Nass sockeye salmon until mid to late July, when the abundance of Skeena sockeye and Area 3 and 4 pinks become increasingly important in determining the Area 3 fishing patterns. The only targeted fisheries for chum are where specific local surpluses are identified, and these are fished terminally.

The 1986 net fishery in Area 3 began on July 6 for gillnets and July 13 for seines and ended on September 3 for both gear types. Openings for gillnets totaled 21 days, with only 7.5 days of fishing for seines. Weekly 1986 gillnet and seine catches in Area 3(1-4), 3(7-17) and total Area 3 are listed in Tables 19 to 24. Annual gillnet and seine catches for these same area groupings are provided for comparison (Tables 25 to 27). The gillnet sockeye catch of 40,079 and the seine catch of 158,528 were below expected, and reflect the low sockeye abundance. The 1986 Area 3 pink catch of 3,275,000 is an even year record high catch, and 1,914,000 or 59% of the catch was taken from sub-area 3(1-4), well below the 1973-86 average of 72%. The seine catch accounted for 94% of the Area 3 total. The total seine effort of 1,221 boat-days was only slightly above the 1973-86 average of 1,112.

The total pink escapement of 400,000 is 100,000 above the target for the area. The Nass sockeye escapement of 175,000 was below the management target of 220,000. Chum returns were poor, at about 30% of the target of 115,000. Preliminary escapements for 1986 for Areas 3, 4 and 5 and Area 3 annual escapements from 1966 to 1985 are presented in Tables 28 and 29.

The fishing time was greatly reduced in early July (Table 23) in response to a weak sockeye return to the Nass. The total sockeye return was approximately 250,000, well below the forecast of 450,000. From mid-July onward the Area 3 fishery was managed to the abundance of Skeena-Nass pinks, which was higher than anticipated. The forecast pink catch and escapement to Area 3 of 2,000,000 was almost doubled by the return of 3,700,000.

Area 4:

The Area 4 gillnet fishery opens in late June or early July, and targets on the Skeena River sockeye returns. Seine openings are dependent on the requirement to harvest Skeena sockeye and pink, and the need to balance the domestic seine-gillnet catch allocations. The emphasis for management switches to pinks in late July/early August after the bulk of the sockeye run is through.

The 1986 Area 4 gillnet season began on July 6 and ended on September 1 with a total of 21 days fishing. Seines were permitted to fish for 2 days in July (July 27 and 28) and 5.5 days in August (August 20, 21 and 25 to 28). Weekly hauled catch information by gear type for 1986 is provided in Tables 30 and 31 along with annual catch by gear since 1966 (Table 32). The gillnet catch of 473,167 and the seine catch of 23,668 are about half of the long term average, and reflect the stock strength of Skeena sockeye. The Area 4 pink catch of 1,571,111 is a record catch for even year returns. The total seine effort of 94 boat days was below the 1973-86 average. The preliminary Skeena sockeye escapement of 740,000 is less than the management target of 900,000 while the pink spawners totaled 2,200,000, well in excess of spawning requirements. The gillnet boat days totaled 6,095, also below the 1973 to 1986 mean of 8,746. Preliminary 1986 spawning escapements and annual escapements since 1964 are provided in Tables 28 and 33.

The sockeye return to the Skeena of about 1.4 million was far below the expected return of 3.0 million and as a result the fishing time during July was well below recent levels. The pink return of about 4 million was 33 percent larger than forecast resulting in increased fishing time in August.

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 were managed to target on local surplus pink stocks.

The 1986 net season for gillnets in Area 5 began on July 6 and ended on September 8. Seines began fishing on July 13 and also ended on September 8. The 1986 hauled catch by gear is outlined in Tables 34 and 35, with the annual catch since 1966 in Table 36. The total sockeye catch of 30,930 was below average, reflecting the poor return of Skeena sockeye. The pink catch of 1,560,232 was the largest even year catch since 1966. A large portion of this is Skeena stock, however, excellent returns to local Area 5 streams also contributed to the catch. Preliminary 1986 escapement information and annual historical spawning escapements since 1964 are provided in Tables 28

and 32. Of the total Area 5 pink catch, 20,609 or 1.3 percent was harvested in Management Unit 5-11.

2.2.3 Management Performance Relative to Treaty Requirements

1986 Fishery:

The Area 1 pink and troll fishery opened June 20, and concluded September 5 when all the North coast was closed to trolling. The pink troll catch was monitored in-season by interviewing trollers on the grounds to establish catch rates, coupled with over-flights to estimate effort. The first designated non-retention area (Area "A" on Figure 6) was implemented midnight July 10 when the pink 100,000 ceiling was reached, then midnight August 7 when the pink troll catch reached 290,000 an additional area of non-retention was imposed (Area "B" on Figure 5). The total Area 1 pink troll catch is estimated to be 423,000 (in-season hail estimates.)

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

Under the U.S./Canada 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 1986, 1,939,915 pinks were harvested in Management Units 3(1-4) and 5-11 combined. The 1,919,306 pink salmon harvest in sub-areas 3(1-4) comprised 59 percent of the total Area 3 catch, while the 20,609 pinks caught in 5-11 accounted for 1.3 percent of the total Area 5 catch.

Figures 7 and 8 illustrate the pink catch by net gear type for sub-areas 3(1-4) and total Area 3 from 1973-86. Figure 9 tracks the proportion of the Area 3 net catch taken from sub-areas 3(1-4) from 1973 to 1986. Equivalent effort statistics are provided in Figures 10, 11 and 12. The proportion of the catch taken in sub-area 3(1-4) was lower than any years in the 1970's and similar to the pattern of the past three years. The effort level in Area 3 in 1986 was very low for gillnets, and at moderate levels for seines. Of the total seine effort in 1986, 66% was expended in sub-areas 3(1-4), slightly less than the 1973-86 average of 68%.

The pink escapements to the Nass and Skeena were both above the management target (Table 28).

The record Area 3 catch in 1986 reflects the strength of the 1986 pink return to Areas 3 and 4 and there was no increase in relative effort or catch in the outside areas. Both 1985 and 1986 have been characterized by exceptionally large pink returns to Areas 3, 4 and 5. 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 "interception area" (sub-area 3(1-4) and 5-11) has averaged 1,600,000.

1986 Area 1 Pink Troll Fishery:

According to the agreement reached by the Pacific Salmon Commission in March of 1986 the Area 1 pink troll catch should not exceed 600,000. In considera-

tion of this adjustment in the ceilings, an area adjacent to the Canada-U.S. boundary in northern Area 1 would be closed to the retention of pink salmon when the total Area 1 catch reached 100,000 (Area "A" on Figure 6). In addition, when the total Area 1 catch reached 290,000 an additional large section of Area 1 would close to the retention of pink salmon (Area "B" on Figure 6), leaving open the area from the northeast corner of Langara Island to Rose Point (Area "C" on Figure 6). All of Area 1 would close to the retention of pink salmon if the total Area 1 catch reached 600,000.

The in-season monitoring of the Area 1 pink troll fishery was very accurate when compared with landings as indicated by saleslips (Fig. 13). Saleslip records to November 14 indicate landings to July 10 (100,000 ceiling closure date) of 112,600, slightly above the in-season estimate and to August 7 (290,000 ceiling closure date) of 291,000, very close to the in-season estimate. The total Area 1 pink troll catch of 423,900 (saleslip estimate to November 14 is 417,500) is well below of overall pink ceiling of 600,000. The 1986 Area 1 weekly troll salmon catch by species is outlined in Table 39, and the annual Area 1 pink troll catch and effort since 1971 is included in Tables 39 and 40.

A rationale for the increase of the troll ceiling from 290,000 to 600,000 was to facilitate Canadian harvest of local Queen Charlotte Island stocks, particularly Masset and Naden Inlet pink salmon. A large Masset Inlet run was the expectation on which this request was based. The Masset Inlet run did not materialize as anticipated, however the large pink return to Naden Inlet resulted in a net catch of over 700,000 pink, larger than the catch expected in Masset Inlet. The extension of the pink ceiling to harvest local pink stocks was justified based on the strength of the Naden pink return.

2.2.4 1987 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 occurred it is too early to provide details.

Area 1 Expectations:

Sockeye - No significant sockeye stocks are present in Area 1.

Pink - No local pink surplus is expected. Odd years are the "off cycle" for Queen Charlotte Island stocks.

Chum - Naden Harbor area brood year escapements were depressed. A small surplus (<20,000) is anticipated in 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. Pink fisheries on local stocks do not occur in odd years. A small chum fishery will be conducted in the vicinity of Masset Inlet to assess chum strength.

Area 3 Expectations:

Sockeye - An average sockeye return to Area 3 of 450,000 is expected and should provide for an Area 3 net catch of 230,000. In addition a catch of 200,000 Skeena sockeye is anticipated for a total catch of 430,000. There is concern that this expectation may be optimistic if the coast-wide sockeye depression evident in 1986 returns was to continue through 1987.

Pink - A large pink return of 1,400,000 is anticipated, sufficient to provide an Area 3 catch of 1,200,000. In addition, 1,050,000 Skeena pink should be caught in Area 3 net fisheries, for a total catch of 2,250,000. There is some concern that the severe over-wintering conditions in the brood year may reduce the pink returns.

Chum - Area 3 chum stocks remain depressed. An incidental catch of 30,000 Area 3 chum and 100,000 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 pink, chum and chinook will continue and no significant changes in the harvest patterns are anticipated.

Area 4 Expectations:

Sockeye - The Skeena sockeye returns in 1987 will be affected by disease problems at Fulton River spawning channels in the brood years.

The total Skeena sockeye return (to Areas 3, 4 and 5) is calculated to be 1,500,000 providing an Area 4 commercial net catch of 300,000 along with an Area 3 and 5 catch of 200,000 Skeena sockeye for a total Canadian commercial catch of 500,000. The concern over the poor coast-wide sockeye return in 1986 also applies to the Skeena system.

Pink - The total Skeena pink return is forecast at 3,500,000. This is expected to provide an Area 4 catch of 1,300,000 and a catch in other areas of 950,000 Skeena pink for a total commercial catch of 2,250,000 pink of Skeena origin.

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

Fishing Plans - Moderate fishing pressure during July for sockeye, coupled with a large August fishery for pink is the fishing plan for 1987. No departures from the 1986 management practices are currently planned.

Area 5 Expectations:

Sockeye - Small local stocks will not have harvestable surplus in 1987.

Pink - The expectations of a pink surplus of 325,000 is perhaps optimistic in light of the brood year over-wintering conditions.

Chum - Chum stocks are depressed.

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 gillnet area, also known as the Cape Fox, Portland Canal, District 1B, District 101-11, and Foggy Bay gillnet fisheries, was offered as an alternative to a gillnet fishery in Buroughs 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 gillnet fishery outside the Canal began in 1960 and by 1963 gillnet 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, the Board in 1972, 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 its 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 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. In recent years, the 1B portion of

the Tree Point gillnet 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, Revilla 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 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 gillnet 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 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 (see Figures 1 and 2).

By the early 1940's the District 104 purse seine fishery was making contributions to canneries located at Waterfall, Steamboat Bay, Craig, Hydbaurg, 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 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 that 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 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.

In recent years, 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 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--Revilla Channel

Seine fisheries in lower Clarence Strait and Revilla 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, Revilla 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-Revilla Channel fisheries have evolved into coastal fisheries harvesting salmon along shorelines between Cape Chacon and Moira Sound in lower Clarence Strait, and Foggy Point and Thorne Arm in Revilla Channel.

These fisheries do not generally move further inside until later in the season when good escapements to Districts 101 and 102 watersheds are assured.

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

These two areas 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 Revilla 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. As in District 104, the fleet's efficiency has increased considerably.

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 Yakoun 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 over 70 days (45% reduction from 83 season) 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 escape-ments 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 475 (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. Increased in seine effort in some years are a result of seines moving to Area 3 because alter-

native fishing sites have been closed due to stock concerns. The higher gear concentrations resulted in an increased 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 began 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 began 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
Weekly Catch
District 104

Stat Week	Average Midweek Date	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
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	31838	40612	493	0	161	0	12115	0	0
28	Jul. 9	37491	3185	18385	7827	53462	12712	225539	144772	169251	20137	180457	46451	18367	29549
29	Jul. 16	94473	10808	53025	39476	196309	33943	357802	85002	63909	47664	325593	84794	21610	253760
30	Jul. 23	108914	42999	0	162696	136886	84130	165782	119219	264865	48770	737346	203807	300578	752497
31	Jul. 30	318039	89223	0	0	212104	383063	113913	434979	793868	8949	3775658	778788	675062	2268585
32	Aug. 6	246532	272181	0	0	232189	232592	2838	795437	1640977	181309	4766890	1633576	3294655	7964034
33	Aug. 13	418	200261	0	0	75520	990109	27978	328572	619159	896004	5288079	1880138	1800233	3998211
34	Aug. 20	394	159610	0	107183	0	191878	6343	426511	196871	834469	1135247	1255526	1848119	1683805
35	Aug. 27	0	239122	0	0	11059	88907	0	23121	4074	1191380	556018	155998	338533	1644519
36	Sep. 3	0	409	0	0	0	1383	0	251	0	1286705	0	0	0	273718
37	Sep. 10	0	0	0	0	0	0	0	0	0	68759	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	8	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	512	0	0	2100	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		806261	1017798	71410	317182	917529	2050555	941319	2358357	3752974	4586415	16765288	6051193	8297157	18868678

Table 2.

Southeast Alaska Salmon Fisheries
Commercial Chum Salmon Harvest
Purse Seine
Weekly Catch
District 104

Stat	Average														
Week	Midweek Date	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
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	10493	7771	91	0	235	0	1970	0	0
28	Jul. 9	3351	1913	1819	4141	3547	3175	32132	17929	14244	7629	21032	7371	5308	8509
29	Jul. 16	10619	2553	5827	6123	14357	8532	32428	47211	1934	39488	11791	11741	3879	36320
30	Jul. 23	8875	7029	0	14633	8867	5829	10373	31964	2400	16125	8736	14539	12196	36890
31	Jul. 30	14865	6346	0	0	9043	11323	4366	29444	8307	3300	27411	26503	19660	75726
32	Aug. 6	19362	8599	0	0	5938	2609	35	25355	20173	14496	35089	42374	62422	144502
33	Aug. 13	312	11514	0	0	3874	23025	1001	12173	12985	50818	34812	52322	20205	63596
34	Aug. 20	123	13759	0	6540	0	3108	456	12932	9016	71552	16638	36940	63408	20652
35	Aug. 27	0	22967	0	0	3067	5980	0	926	32	62407	14275	9363	25758	35743
36	Sep. 3	0	121	0	0	0	675	0	28	0	68406	0	0	0	15761
37	Sep. 10	0	0	0	0	0	0	0	0	0	9962	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	2034	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		57507	74801	7646	31437	48703	74749	88562	178053	69091	346452	169784	203123	212835	437699

* In 1984, 700 Chum salmon misreported during stwk 25 were added to stwk 33

Table 3.

Southeast Alaska Salmon Fisheries
 Commerical Sockeye Salmon Harvest
 Purse Seine
 Weekly Catch
 District 104

Stat Week	Average Midweek Date	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
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	36758	31931	75	0	299	0	4660	0	0
28	Jul. 9	27928	2907	6270	11112	31186	6031	93067	109894	103997	40421	44249	16925	11742	7192
29	Jul. 16	23432	18596	20893	28494	69082	18605	124233	106949	40509	120217	63137	29862	16032	30307
30	Jul. 23	21844	45134	0	65223	38087	11031	49072	50835	42141	52033	64711	51626	72742	53805
31	Jul. 30	30402	25683	0	0	42052	19622	16499	81998	29509	6304	179687	89959	114056	104325
32	Aug. 6	11541	21447	0	0	24155	4005	0	47952	43444	13765	134644	58714	138752	154415
33	Aug. 13	266	3469	0	0	4726	6940	1351	10755	23104	25641	113581	32057	34435	63098
34	Aug. 20	3	1443	0	426	0	725	577	1636	8752	15985	33075	9120	28151	15872
35	Aug. 27	0	426	0	0	167	327	0	12	71	7301	17723	312	11726	11989
36	Sep. 3	0	0	0	0	0	188	0	1	0	2827	0	0	0	2986
37	Sep. 10	0	0	0	0	0	0	0	0	0	608	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		115416	119105	27163	105255	209455	104232	316730	410107	291527	285401	650807	293235	427636	443989

* In 1984, 60 Sockeye salmon misreported in stwk 25 were added to stwk 31

Table 4.

Southeast Alaska Salmon Fisheries
Commercial Pink Salmon Harvest
Purse Seine
Weekly Catch
District 101

Stat	Average														
Week	Midweek Date	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
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	3130	0	0	0	0	0	1674	0	0
28	Jul. 9	0	0	0	0	0	179160	0	0	0	26971	1469	111251	2685	70729
29	Jul. 16	0	118180	0	0	0	540661	0	0	0	105273	72480	525481	126277	210412
30	Jul. 23	111602	42953	0	0	166543	897426	0	117009	0	103769	658548	563204	288848	1193098
31	Jul. 30	200376	99310	0	0	1218354	1744827	0	143074	360666	51853	1518936	1152195	827638	1545348
32	Aug. 6	226845	237081	142029	0	1133623	928462	108655	959599	692218	256480	788380	1642485	1794031	1711419
33	Aug. 13	24647	137562	124442	0	585375	819421	139956	1480162	227388	717745	1278936	1225903	1594408	1713312
34	Aug. 20	0	156701	26921	0	158697	868275	58882	956297	68912	789466	1065906	551847	2025415	1401039
35	Aug. 27	0	110075	29448	122535	30067	349156	0	465833	56076	903579	698784	344119	799242	1366993
36	Sep. 3	0	41215	0	93314	22840	29904	0	188751	24031	1097547	161488	60207	147774	355210
37	Sep. 10	0	0	0	70145	40	0	0	0	2662	313178	0	18859	3823	0
38	Sep. 17	0	0	0	0	34	0	0	1000	0	0	0	0	292	527
39	Sep. 24	0	0	0	0	0	0	0	0	0	0	0	0	0	838
40	Oct. 1	0	0	0	0	0	0	0	0	0	0	0	0	0	15
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		563470	943077	322840	285994	3315573	6360422	307493	4311725	1431953	4365861	6244927	6197225	7610433	9568940

* In 1984, 2144 Pink salmon misreported in stwk 23, were added to stwk 32

Table 5.

Southeast Alaska Salmon Fisheries
Commercial Chum Salmon Harvest
Purse Seine
Weekly Catch
District 101

Stat Week	Average Midweek Date	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
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	161	0	0	0	0	0	271	0	0
28	Jul. 9	0	0	0	0	0	8994	0	0	0	3501	13	6358	65	11970
29	Jul. 16	0	8282	0	0	0	14725	0	0	0	9025	1801	27389	10995	16283
30	Jul. 23	5352	2640	0	0	3086	11279	0	22469	0	7212	4627	19834	9273	15503
31	Jul. 30	6450	5914	0	0	9654	12438	0	9106	5652	1191	5415	35925	14279	39174
32	Aug. 6	7820	14338	2243	0	9576	10074	2690	28747	9967	4230	3238	61541	32417	24286
33	Aug. 13	1132	9619	2946	0	8840	10213	3891	33160	11556	10513	3151	48644	14644	27991
34	Aug. 20	0	13762	1018	0	2706	20018	4370	45490	1861	12129	6805	47243	62657	44069
35	Aug. 27	0	31130	4316	4708	4013	13670	0	33747	2506	19471	13308	91397	55010	49801
36	Sep. 3	0	23063	0	4518	5841	5676	0	20422	1404	43825	7542	8354	21788	44457
37	Sep. 10	0	0	0	10192	260	0	2315	0	46	16576	0	103865	52134	0
38	Sep. 17	0	0	0	1606	765	0	0	1553	0	5	0	0	63006	20666
39	Sep. 24	0	0	0	0	0	0	0	1183	0	8	0	0	0	9761
40	Oct. 1	0	0	0	0	0	0	0	0	0	0	0	0	13035	2269
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		20754	108748	10523	21024	44741	107248	13266	195877	32992	127686	45900	450821	349303	306230

* In 1984, 32 Chum salmon misreported during stwk 23 were added to stwk 37

Table 6.

Southeast Alaska Salmon Fisheries
Commercial Sockeye Salmon Harvest
Purse Seine
Weekly Catch
District 101

Stat Week	Average Midweek Date	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
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	421	0	0	0	0	0	0	0	0
28	Jul. 9	0	0	0	0	0	8925	0	0	0	6282	14	1857	422	7675
29	Jul. 16	0	5883	0	0	0	20613	0	0	0	20833	4879	11298	9270	4207
30	Jul. 23	5996	4053	0	0	3853	10023	0	5786	0	8404	8850	7835	15479	8887
31	Jul. 30	5583	4597	0	0	19552	17155	0	5064	5674	4590	14314	21589	16769	18410
32	Aug. 6	1515	3717	264	0	11614	5860	3369	13712	16991	7385	9690	23718	33752	18390
33	Aug. 13	96	1432	174	0	8321	4990	1757	8194	1850	15761	7525	17567	19988	8249
34	Aug. 20	0	1250	62	0	1286	1949	940	7398	792	6953	4394	4328	23714	4623
35	Aug. 27	0	551	133	76	961	921	0	1017	53	2112	3112	2539	4911	2855
36	Sep. 3	0	75	0	37	671	161	0	451	9	1352	1282	155	1326	1207
37	Sep. 10	0	0	0	40	0	0	0	0	135	145	0	350	5	0
38	Sep. 17	0	0	0	0	0	0	0	0	0	0	0	0	1	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		13190	21558	633	153	46258	71018	6066	41622	25504	73817	54060	91236	125637	74503

Table 7.

Southeast Alaska Salmon Fisheries
Commercial Pink Salmon Harvest
Purse Seine
Weekly Catch
District 102

Stat Week	Average Midweek Date	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
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	800	0	0
28	Jul. 9	0	0	0	0	0	88791	0	0	0	0	0	16959	0	0
29	Jul. 16	0	0	0	0	0	104688	0	0	0	7918	107	87673	42846	52835
30	Jul. 23	107215	8766	0	0	4630	471322	0	1886	0	23187	28140	121167	24042	147186
31	Jul. 30	300797	65779	0	0	616671	1062135	0	22282	126305	30535	87378	52258	39706	106205
32	Aug. 6	603930	93950	325759	0	851624	370381	1027574	359796	290735	136748	142759	484112	562547	1036771
33	Aug. 13	250678	146161	507065	0	593873	1737553	420389	650413	346104	383956	50899	538467	803797	2053254
34	Aug. 20	127519	106258	189245	430348	178958	1268347	54852	486215	80072	533635	688223	756489	315230	346154
35	Aug. 27	35632	160284	119878	742235	105763	474551	0	124583	910	318602	605163	129761	655544	1246170
36	Sep. 3	20831	53570	0	546206	70285	42289	0	61529	0	176341	160901	123554	23	292505
37	Sep. 10	7688	0	13742	122736	1994	0	5601	0	0	31783	0	23182	0	0
38	Sep. 17	2071	5118	0	5944	453	0	0	388	0	0	25849	8511	2566	4605
39	Sep. 24	420	23	35	3234	51	0	0	248	0	0	0	2197	0	0
40	Oct. 1	0	0	426	0	0	0	0	0	0	5401	0	0	0	110
41	Oct. 8	0	0	1	1	0	0	0	0	0	333	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		1456781	639909	1156151	1850704	2424302	5620057	1508416	1707340	844126	1648439	1789419	2345130	2446301	5285795

* In 1984, 3925 Pink salmon misreported in stwk 23, were added to stwk 34

Table 8.

Southeast Alaska Salmon Fisheries
Commercial Chum Salmon Harvest
Purse Seine
Weekly Catch
District 102

Stat Week	Average Midweek Date	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
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	0	4585	0	0	0	0	0	443	0	0
29	Jul. 16	0	0	0	0	0	3427	0	0	0	1026	12	1807	1858	2702
30	Jul. 23	3424	1152	0	0	80	9011	0	2322	0	1728	564	3193	783	5093
31	Jul. 30	14244	3816	0	0	8900	16035	0	1312	1212	1340	434	1395	268	8836
32	Aug. 6	31645	6020	12664	0	8944	11911	19207	5165	5446	5022	338	13724	11358	15778
33	Aug. 13	20590	6530	32401	0	10849	34820	13909	23785	10093	14525	166	18732	6758	30362
34	Aug. 20	23846	12498	23819	15237	6178	61316	6768	33345	3776	16986	4781	44980	14365	8081
35	Aug. 27	33300	50159	39106	53760	6908	81607	0	29921	7	21333	17155	14244	43764	30684
36	Sep. 3	94785	25779	0	83312	44965	21738	0	28840	0	10990	10911	31605	1665	34159
37	Sep. 10	105896	0	39903	43310	17538	0	22346	0	0	2850	0	27645	0	0
38	Sep. 17	43860	116956	0	9201	16498	0	0	1578	0	0	13381	22635	11445	6118
39	Sep. 24	19102	16302	10652	37170	36079	0	0	4677	0	0	0	22151	0	916
40	Oct. 1	1517	3310	11570	0	0	0	0	0	0	55850	0	0	3139	59739
41	Oct. 8	4483	19485	837	10686	0	0	0	0	0	36040	0	0	0	2915
42	Oct. 15	1270	3164	0	0	0	7929	0	0	0	2852	0	0	0	0
43	Oct. 22	0	0	0	0	0	7505	0	1394	0	0	0	0	0	0
44	Oct. 29	0	8898	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		397962	274069	170952	252676	156939	259884	62230	132339	20534	170542	47742	202554	95403	205383

Table 9.

Southeast Alaska Salmon Fisheries
Commercial Sockeye Salmon Harvest
Purse Seine
Weekly Catch
District 102

Stat Week	Average Midweek Date	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
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	0	7289	0	0	0	0	0	319	0	0
29	Jul. 16	0	0	0	0	0	5236	0	0	0	2629	18	3662	6727	3476
30	Jul. 23	6800	1198	0	0	159	10310	0	448	0	5856	2587	5676	5015	5495
31	Jul. 30	8873	3592	0	0	15527	14272	0	3203	8360	3340	1721	1429	1648	5202
32	Aug. 6	7655	3503	5205	0	11125	4798	13983	6540	8394	4335	1014	4552	8171	6673
33	Aug. 13	2715	3944	4336	0	8432	6325	5034	11481	5978	3191	358	2137	4167	7435
34	Aug. 20	1043	1812	1970	1834	1936	3130	1513	3801	1181	2070	2532	2888	4913	1300
35	Aug. 27	170	1226	872	1944	764	1021	0	716	121	1036	1989	268	3957	2438
36	Sep. 3	23	229	0	614	1135	205	0	333	0	225	868	211	48	647
37	Sep. 10	13	0	111	186	115	0	312	0	0	46	0	25	28	0
38	Sep. 17	16	47	0	9	85	0	0	0	0	0	36	0	0	14
39	Sep. 24	2	4	2	9	5	0	0	8	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	1	0	0	0	2
41	Oct. 8	0	0	0	0	0	0	0	0	0	18	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		27310	15555	12496	4596	39283	52586	20842	26530	24034	22747	11123	21167	34674	32683

Table 10.

Southeast Alaska Salmon Fisheries
Commercial Pink Salmon Harvest
Purse Seine
Weekly Catch
District 103

Stat Week	Average Midweek Date	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
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	11375	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	0	119531	0	0	0	0	0
32	Aug. 6	32102	59367	0	0	0	0	0	12552	1518273	0	16560	20270	0	4935
33	Aug. 13	106713	102228	168592	0	309256	132680	837606	882125	2387732	4186	992281	296371	3391932	1293777
34	Aug. 20	49080	311391	302395	0	121817	414633	111373	1522789	906040	215958	1043532	1222217	3849460	2342522
35	Aug. 27	0	173217	101878	546300	17985	258222	0	563191	224059	161823	563101	755087	394668	3007935
36	Sep. 3	0	15522	0	343694	2957	29579	0	18232	96839	374072	76004	0	60318	385435
37	Sep. 10	0	0	0	222493	0	0	0	0	0	143454	0	0	0	10749
38	Sep. 17	0	0	0	0	96	0	0	0	0	0	0	0	0	2207
39	Sep. 24	0	0	0	404	0	0	0	0	0	0	0	0	0	2453
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		187895	661725	572865	1112891	452111	835114	948979	2998889	5263849	899493	2691478	2293945	7696378	7050013

Table 11.

Southeast Alaska Salmon Fisheries
Commercial Chum Salmon Harvest
Purse Seine
Weekly Catch
District 103

Stat Week	Average Midweek Date	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
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	100	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	0	1129	0	0	0	0	0
32	Aug. 6	4798	1167	0	0	0	0	0	501	16655	0	152	1795	0	520
33	Aug. 13	14527	13237	23825	0	10336	685	15187	12073	38449	136	4236	3296	18146	31872
34	Aug. 20	28416	10156	40126	0	6358	8151	7344	44375	32980	9347	10665	25857	49208	46529
35	Aug. 27	0	12620	38193	55766	1106	15843	0	28475	12861	4770	14018	39535	9245	51912
36	Sep. 3	0	10674	0	42155	1344	6665	0	2102	5216	14411	3963	0	2549	21464
37	Sep. 10	0	0	0	33346	0	0	0	0	0	20101	0	0	0	25810
38	Sep. 17	0	0	0	0	8159	0	0	0	0	0	0	0	0	19646
39	Sep. 24	0	0	0	5208	0	0	0	0	0	0	0	0	0	15542
40	Oct. 1	0	0	0	0	0	0	0	0	0	0	0	0	0	1795
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. 19	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		47741	47854	102144	136475	27303	31344	22531	87526	107390	48765	33034	70483	79148	215090

* In 1984, 300 Chum salmon misreported in stwk 25, were added to stwk 35

Table 12.

Southeast Alaska Salmon Fisheries
Commercial Sockeye Salmon Harvest
Purse Seine
Weekly Catch
District 103

Stat Week	Average Midweek Date	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
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	28	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	0	1017	0	0	0	0	0
32	Aug. 6	694	4765	0	0	0	0	0	336	7884	0	20	155	0	80
33	Aug. 13	1923	1084	2170	0	4009	395	3603	5142	13014	174	6017	687	11537	4091
34	Aug. 20	242	1673	6563	0	1807	719	1081	2854	15039	508	2582	2378	13747	5078
35	Aug. 27	0	382	2534	1915	66	268	0	1002	554	153	1652	674	854	3820
36	Sep. 3	0	18	0	461	12	0	0	64	398	124	118	0	120	443
37	Sep. 10	0	0	0	2362	0	0	0	0	0	83	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	1	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		2859	7922	11267	4739	5894	1382	4684	9398	37934	1042	10389	3894	26258	13512

* In 1984, 23 Sockeye salmon misreported in stwk 25 were added to stwk 34

Table 13.

Southeast Alaska Salmon Fisheries
Commercial Pink Salmon Harvest
Drift Gillnet
Tree Point
Weekly Catch

Stat Week	Average Midweek Date	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
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	0	592	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	591	0	0	0	0	0	0
25	Jun. 18	280	1285	65	0	0	6824	293	439	159	0	0	1883	166	352
26	Jun. 25	417	4953	326	2311	889	8874	1544	6609	1101	1787	1667	2424	264	698
27	Jul. 2	3853	3232	687	3468	8545	15836	4510	15487	8169	3686	25910	7628	1349	7512
28	Jul. 9	7884	0	1137	4574	59836	28445	9080	19463	28871	6091	21287	62475	19124	7088
29	Jul. 16	26209	8665	11316	25345	145794	28844	17306	68032	58996	13768	29100	81052	36240	45725
30	Jul. 23	48608	21497	0	15372	64942	56622	27143	24987	54982	21583	164132	105348	81409	101503
31	Jul. 30	30561	21167	0	0	233279	65504	6608	18126	34501	21515	107321	124850	124766	90114
32	Aug. 6	94559	47238	35029	2656	112061	100247	6203	115649	81620	30112	118277	117869	154127	100461
33	Aug. 13	39016	25699	30244	0	93879	90136	0	213906	62877	20219	180169	96285	137880	157657
34	Aug. 20	8623	16375	30163	28548	35167	107920	0	138876	74328	37681	78001	52766	71245	178266
35	Aug. 27	5067	10537	14786	77291	13288	19472	0	45652	16597	88828	30758	39839	13660	153232
36	Sep. 3	4327	4577	0	44571	1878	2423	0	5520	3777	68176	11281	9651	7163	44818
37	Sep. 10	292	1340	0	5785	161	575	0	934	906	26956	3597	7076	2049	13785
38	Sep. 17	53	55	0	134	122	157	0	603	34	6850	659	1043	243	5098
39	Sep. 24	0	17	0	6	0	0	0	0	0	0	183	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		269749	166637	123753	210061	769841	531879	72687	675466	426918	347252	772342	710189	649685	906309

Table 14.

Southeast Alaska Salmon Fisheries
Commercial Chum Salmon Harvest
Drift Gillnet
Tree Point
Weekly Catch

Stat Week	Average Midweek Date	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
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	0	156	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	395	0	0	0	0	0	0
25	Jun. 18	6465	3206	1997	0	0	15765	8305	3369	1446	0	0	9507	4923	5485
26	Jun. 25	10280	4938	3330	3459	13017	28040	8459	12141	3771	3398	12624	15308	15835	9376
27	Jul. 2	15298	6097	3227	3121	17063	15580	16021	14814	5958	3075	16238	20374	11242	15812
28	Jul. 9	16133	0	2305	2917	12967	12932	13169	31077	6191	3816	7165	26092	6894	23860
29	Jul. 16	14994	7340	4043	6580	12794	5542	5646	28618	2197	7962	11928	39407	19440	46765
30	Jul. 23	10452	7143	0	8689	3843	13680	4587	9647	1773	13806	17369	29540	47020	43675
31	Jul. 30	5925	3884	0	0	4216	5237	2570	3443	1142	7155	8769	17085	19762	27859
32	Aug. 6	10635	9178	2633	111	2625	8123	1807	14876	4077	10659	13747	14134	17976	14928
33	Aug. 13	7075	8220	2073	0	4415	4223	0	11992	2498	6142	7634	11908	22665	15364
34	Aug. 20	2455	13356	4889	1818	3622	3103	0	17015	4321	5992	9967	9631	15952	13045
35	Aug. 27	4116	10394	5844	4593	4053	1557	0	5350	2757	9057	9397	12532	9496	15145
36	Sep. 3	4718	4165	0	4470	4124	1144	0	1311	1122	7251	7150	5376	15961	19939
37	Sep. 10	1299	3264	0	430	1304	675	0	222	994	5006	9982	7329	5137	9477
38	Sep. 17	152	255	0	52	278	1130	0	692	90	1240	5359	9484	5942	11765
39	Sep. 24	0	330	0	22	0	0	0	0	0	0	2384	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		109997	81770	30341	36262	84321	116731	60564	155118	38337	84559	139713	227707	218245	272495

Table 15.

Southeast Alaska Salmon Fisheries
 Commerical Sockeye Salmon Harvest
 Drift Gillnet
 Tree Point
 Weekly Catch

Stat	Average														
Week	Midweek Date	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
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	0	582	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	3168	0	0	0	0	0	0
25	Jun. 18	44241	18057	6020	0	0	20706	11574	9791	7407	0	0	12374	12885	1979
26	Jun. 25	26249	10737	4384	31179	48041	38697	18121	15364	25655	22174	16591	5325	15246	9442
27	Jul. 2	22920	7910	3546	27685	32002	14250	15068	12951	8779	26907	14063	10569	11809	8883
28	Jul. 9	21245	0	1703	22027	38579	30676	10090	21117	20747	22186	4431	8771	8745	16923
29	Jul. 16	18531	18563	4420	19773	33735	12679	9056	17752	10998	57780	8961	12870	16335	41612
30	Jul. 23	14633	22829	0	15706	8450	17507	15770	7442	7497	23339	25392	11025	28603	26239
31	Jul. 30	5749	14225	0	0	17435	11154	3612	3564	5918	15179	17212	8166	17331	17116
32	Aug. 6	4689	12877	3164	163	5328	3178	5666	7199	9457	11264	22419	5324	22621	12855
33	Aug. 13	1149	5341	1012	0	4342	1973	0	6200	3976	4841	18641	8208	18146	5254
34	Aug. 20	228	2241	713	666	2561	1560	0	2453	3629	3986	4504	3281	11800	3421
35	Aug. 27	103	384	390	557	1184	889	0	1042	963	1984	1967	1255	2376	1475
36	Sep. 3	22	83	0	189	879	86	0	81	287	818	883	536	878	328
37	Sep. 10	0	44	0	19	170	29	0	39	157	93	757	826	165	72
38	Sep. 17	5	5	0	1	22	25	0	21	8	24	166	188	71	32
39	Sep. 24	0	3	0	0	0	0	0	0	0	0	19	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		159764	113299	25352	117965	192728	153409	88957	108766	105478	190575	136006	88718	167011	145631

Table 16.

DEPARTMENT OF FISHERIES AND OCEANS
PRELIMINARY COMMERCIAL SALMON HARVEST REPORT
GILLNET 1986
WEEKLY CATCH
AREA 1

JULIAN WEEK	STAT. WEEK	1986 WEEK		SOCKEYE	COHO	C A T C H			TOTAL	BOAT DAYS	DAYS FISHING
		ENDING DATE				PINK	CHUM	CHINOOK			
FISHERY ON PASSING STOCKS											
19	5-1	MAY	10								
20	5-2		17								
21	5-3		24								
22	5-4		31								
23	6-1	JUN	07								
24	6-2		14								
25	6-3		21								
26	6-4		28								
27	7-1	JULY	05								
28	7-2		12								
29	7-3		19	300	45	100	300		745	3	1
30	7-4		26								
31	7-5	AUG	02								
32	8-1		09								
TOTAL FISHERY ON PASSING STOCKS											
				300	45	100	300		745	3	1
LOCAL PINK FISHERY											
33	8-2		16								
34	8-3		23								
35	8-4		30								
36	9-1	SEPT	06			1100			1100	2	4
37	9-2		13		50	1900	125		2075	15	2
TOTAL LOCAL PINK FISHERY											
					50	3000	125		3175	17	6
LOCAL CHUM FISHERY											
38	9-3		20		40	21	202		263	7	1
39	9-4		27		51		843		894	6	1
40	10-1	OCT	04		305		5931		6236	75	7
41	10-2		11		250		25077		25327	160	7
42	10-3		18		21		18002		18023	77	4
TOTAL LOCAL CHUM FISHERY											
					667	21	50055		50743	325	20
TOTAL AREA 1 GN FISHERY											
				300	762	3121	50480		54663	345	27

NOTE: 1986 CATCH FIGURES ARE PRELIMINARY, BASED ON DAILY HAILCOUNTS

Table 17.

DEPARTMENT OF FISHERIES AND OCEANS
PRELIMINARY COMMERCIAL SALMON HARVEST REPORT
SEINE 1986
WEEKLY CATCH
AREA 1

JULIAN WEEK	STAT. WEEK	1986 WEEK		SOCKEYE	COHO	C A T C H			TOTAL	BOAT DAYS	DAYS FISHING
		ENDING DATE				PINK	CHUM	CHINOOK			
FISHERY ON PASSING STOCKS											
19	5-1	MAY	10								
20	5-2		17								
21	5-3		24								
22	5-4		31								
23	6-1	JUN	07								
24	6-2		14								
25	6-3		21								
26	6-4		28								
27	7-1	JULY	05								
28	7-2		12								
29	7-3		19	9950	4346	20921	5049	816	41082	72	1
30	7-4		26	10940	2354	26565	3181	837	43877	56	3
31	7-5	AUG	02	11410	2184	65430	3057	2233	84314	53	3
32	8-1		09	11352	2244	73841	3213	992	91642	37	2
TOTAL FISHERY ON PASSING STOCKS				43652	11128	186757	14500	4878	260915	218	9
LOCAL PINK FISHERY											
33	8-2		16								
34	8-3		23			50000			50000	2	1
35	8-4		30			170800			170800	6	1
36	9-1	SEPT	06			275000			275000	15	2
37	9-2		13		620	222300	3700	1	226621	36	2
TOTAL LOCAL PINK FISHERY					620	718100	3700	1	722421	59	6
LOCAL CHUM FISHERY											
38	9-3		20		6	5	14		30	2	1
39	9-4		27		82		374		3822	2	1
40	10-1	OCT	04		333		15978		7011	24	7
41	10-2		11		36		22050			23	7
42	10-3		18								4
TOTAL LOCAL CHUM FISHERY					457	5	38416		10863	51	20
TOTAL AREA 1 SN FISHERY				43652	12205	904862	56616	4879	994199	328	35

NOTE: 1986 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 (1973-1986)
AREA 1

YEAR	GEAR	SOCKEYE	COHO	PINK	CHUM	CHINOOK(LB)	STHD	TOTAL	BOAT DAYS	DAYS FISHING
1986	GN	300	762	3121	50480			54663	345	27
	SN	43652	12205	904862	56616	4879		994199	328	35
1985	GN	17	110	775	15460	9	1	16372	74	24
	SN	125895	20119	238915	37059	9203	455	431646	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	29	9
	SN	58665	9870	18036	12195	7872	62	106700	168	9
1981	GN	42065	5953	14131	6386	564	428	69527	156	21
	SN	177831	10869	263961	10296	11606	208	474771	184	21
1980	GN	27026	16152	7475	2622	663	88	54026	589	18
	SN	46027	11422	98261	8020	5029	94	168853	169	18
1979	GN	4220	1164	1189	852	194	73	7692	79	21
	SN	65288	15181	126096	5332	5039	103	217039	269	21
1978	GN	894	403	167	1943	73	1	3481	55	12
	SN	4797	2751	17680	3980	1800	53	31061	62	12
1977	GN	23238	1148	5048	1732	555	15	31736	440	56
	SN	13294	2451	37595	3439	4048	12	60839	225	36
1976	GN	7417	2687	1482	1476	453	27	13542	301	54
	SN	5418	1400	3862	1089	1042	18	12829	107	25
1975	GN	16844	15697	23276	8073	2090	216	66196	1050	68
	SN	9756	3392	16646	3282	3301	39	36416	216	68
1974	GN	11398	9836	7509	14578	615	203	44139	690	36
	SN	5015	1491	69304	5042	766	88	81706	121	36
1973	GN	16290	7466	5925	22681	310	175	52847	708	49
	SN	14770	917	15425	30769	192	50	62123	135	125
AVG 73-86	GN	11547	4452	5269	9084	419	91	30861	324	31
	SN	44528	7433	187291	13243	4329	106	254928	205	34
	TOTAL	56075	11885	192559	22326	4748	196	285789	530	65

NOTE: 1973 TO 1984 CATCH FIGURES ARE TAKEN FROM THE B.C. CATCH STATISTICS PUBLICATIONS.
1985 CATCH FIGURES ARE BASED ON PRELIMINARY B.C. SALESLIPS DATED DECEMBER 3, 1985.
(WHEN FINAL, THESE FIGURES WILL BE ENTERED IN THE B.C. CATCH STATISTICS PUBLICATIONS).
1986 CATCH FIGURES ARE BASED ON PRELIMINARY HAILCOUNT DATA.
1986 CATCH FIGURES ARE PRELIMINARY, BASED ON HAILCOUNTS.

1973 - 1986 EFFORT FIGURES ARE PRELIMINARY. TABLE IS BEING REVISED
TO REFLECT DIVISION OF CATCH BETWEEN PASSING STOCKS &
LOCAL, TERMINALLY HARVESTED STOCKS.

Table 19.

DEPARTMENT OF FISHERIES AND OCEANS
 PRELIMINARY COMMERCIAL SALMON HARVEST REPORT
 GILLNET 1986
 WEEKLY CATCH
 AREA 3(1-4)

JULIAN WEEK	STAT. WEEK	1986		SOCKEYE	COHO	C A T C H			TOTAL	BOAT DAYS	DAYS FISHING
		WEEK ENDING DATE				PINK	CHUM	CHINOOK			
19	5-1	MAY	10								
20	5-2		17								
21	5-3		24								
22	5-4		31								
23	6-1	JUN	07								
24	6-2		14								
25	6-3		21								
26	6-4		28								
27	7-1	JULY	05								
28	7-2		12	4803	529	506	2126	46	8010	56	1
29	7-3		19	1998	106	1325	889	10	4328	44	1
30	7-4		26	4020	220	1151	689	47	6127	33	3
31	7-5	AUG	02	8506	1696	18404	4035	116	32757	125	3
32	8-1		09	4104	757	20534	2015	123	27533	101	3
33	8-2		16	360	84	6582	354	0	7380	25	4
34	8-3		23	951	994	18210	1570	65	21790	55	4
35	8-4		30	385	1303	15780	2505	12	19985	39	3
36	9-1	SEPT	06	80	1583	8898	1796	0	12357	43	3
37	9-2		13								
38	9-3		20								
TOTALS				25207	7272	91390	15979	419	140267	521	25

NOTE: 1986 CATCH FIGURES ARE PRELIMINARY, BASED ON HAILCOUNTS

Table 20.

DEPARTMENT OF FISHERIES AND OCEANS
 PRELIMINARY COMMERCIAL SALMON HARVEST REPORT
 SEINE 1986
 WEEKLY CATCH
 AREA 3(1-4)

JULIAN WEEK	STAT. WEEK	1986 WEEK		C A T C H					BOAT DAYS	DAYS FISHING
		ENDING DATE	SOCKEYE	COHO	PINK	CHUM	CHINOOK	TOTAL		
19	5-1	MAY 10								
20	5-2	17								
21	5-3	24								
22	5-4	31								
23	6-1	JUN 07								
24	6-2	14								
25	6-3	21								
26	6-4	28								
27	7-1	JULY 05								
28	7-2	12								
29	7-3	19	17700	3680	30735	7271	649	60035	107	1
30	7-4	26	40194	5572	191537	14579	1240	253122	213	3
31	7-5	AUG 02	40692	8226	433852	25406	2326	510502	218	3
32	8-1	09	16910	4075	450225	12400	675	484285	101	3
33	8-2	16	9097	6859	560102	23259	124	599441	125	4
34	8-3	23	1970	1475	137490	3940	64	144939	36	4
35	8-4	30	90	350	20000	175	6	20621	2	3
36	9-1	SEPT 06	0	530	3975	795	0	5300	1	3
37	9-2	13								
38	9-3	20								
TOTALS			126653	30767	1827916	87825	5084	2078245	803	24

NOTE: 1986 CATCH FIGURES ARE PRELIMINARY, BASED ON DAILY HAILCOUNTS

Table 21.

DEPARTMENT OF FISHERIES AND OCEANS
 PRELIMINARY COMMERCIAL SALMON HARVEST REPORT
 GILLNET 1986
 WEEKLY CATCH
 AREA 3(7-17)

JULIAN WEEK	STAT. WEEK	1986		C A T C H					BOAT DAYS	DAYS FISHING
		WEEK ENDING DATE		SOCKEYE	COHO	PINK	CHUM	CHINOOK	TOTAL	
19	5-1	MAY	10							
20	5-2		17							
21	5-3		24							
22	5-4		31							
23	6-1	JUN	07							
24	6-2		14							
25	6-3		21							
26	6-4		28							
27	7-1	JULY	05							
28	7-2		12	5312	38	206	1803	253	7612	94
29	7-3		19	6754	196	1940	1995	148	11033	44
30	7-4		26	1989	127	2896	543	52	5607	23
31	7-5	AUG	02	1047	165	4141	1485	22	6860	47
32	8-1		09	2616	1025	14926	3870	73	22510	73
33	8-2		16	1205	563	21421	4043	71	27303	90
34	8-3		23	1444	1518	27678	4371	59	35070	80
35	8-4		30	467	2347	15675	11537	38	30064	91
36	9-1	SEPT	06	38	1972	8022	2558	0	12590	62
37	9-2		13							
38	9-3		20							
TOTALS				20872	7951	96905	32205	716	158649	604
										25

NOTE: 1986 CATCH FIGURES ARE PRELIMINARY, BASED ON DAILY HAILCOUNTS

Table 22.

DEPARTMENT OF FISHERIES AND OCEANS
 PRELIMINARY COMMERCIAL SALMON HARVEST REPORT
 SEINE 1986
 WEEKLY CATCH
 AREA 3 (7-17)

JULIAN WEEK	STAT. WEEK	1986 WEEK ENDING		C A T C H							BOAT DAYS	DAYS FISHING
		DATE	SOCKEYE	COHO	PINK	CHUM	CHINOOK	TOTAL				
19	5-1	MAY	10									
20	5-2		17									
21	5-3		24									
22	5-4		31									
23	6-1	JUN	07									
24	6-2		14									
25	6-3		21									
26	6-4		28									
27	7-1	JULY	05									
28	7-2		12									
29	7-3		19	1596	417	14283	3749	420	20465	28	1	
30	7-4		26	6999	946	109890	5809	430	124074	79	3	
31	7-5	AUG	02	10022	2207	233479	8498	556	254762	76	3	
32	8-1		09	7578	3948	343399	11812	443	367180	101	3	
33	8-2		16	3363	2103	309297	15703	121	330787	70	4	
34	8-3		23	1756	3143	179049	8034	76	192058	48	4	
35	8-4		30	361	1760	53380	2630	31	58162	12	3	
36	9-1	SEPT	06	0	990	16320	1660	12	18982	4	3	
37	9-2		13									
38	9-3		20									
TOTALS				31875	15514	1259097	57895	2089	1366470	418	24	

NOTE: 1986 CATCH FIGURES ARE PRELIMINARY, BASED ON DAILY HAILCOUNTS

Table 23.

DEPARTMENT OF FISHERIES AND OCEANS
 PRELIMINARY COMMERCIAL SALMON HARVEST REPORT
 GILLNET 1986
 WEEKLY CATCH
 AREA 3 TOTAL

JULIAN WEEK	STAT. WEEK	1986		C A T C H					BOAT DAYS	DAYS FISHING
		WEEK ENDING DATE		SOCKEYE	CONO	PINK	CHUM	CHINOOK	TOTAL	
19	5-1	MAY	10							
20	5-2		17							
21	5-3		24							
22	5-4		31							
23	6-1	JUN	07							
24	6-2		14							
25	6-3		21							
26	6-4		28							
27	7-1	JULY	05							
28	7-2		12	10115	567	712	3929	299	15622	150
29	7-3		19	8752	302	3265	2884	158	15361	88
30	7-4		26	6009	347	4047	1232	99	11734	56
31	7-5	AUG	02	9553	1861	22545	5520	138	39617	172
32	8-1		09	6720	1782	35460	5885	196	50043	174
33	8-2		16	1565	647	28003	4397	71	34683	115
34	8-3		23	2395	2512	45888	5941	124	56860	135
35	8-4		30	852	3650	31455	14042	50	50049	130
36	9-1	SEPT	06	118	3535	16920	4354	0	24947	105
37	9-2		13							
38	9-3		20							
TOTALS				46079	15223	188295	48184	1135	298916	1125
										25

NOTE: 1986 CATCH FIGURES ARE PRELIMINARY, BASED ON DAILY HAILCOUNTS

Table 24.

DEPARTMENT OF FISHERIES AND OCEANS
 PRELIMINARY COMMERCIAL SALMON HARVEST REPORT
 SEINE 1986
 WEEKLY CATCH
 AREA 3 TOTAL

JULIAN WEEK	STAT. WEEK	1986		C A T C H							BOAT DAYS	DAYS FISHING
		WEEK ENDING DATE	SOCKEYE	COHO	PINK	CHUM	CHINOOK	TOTAL				
19	5-1	MAY	10									
20	5-2		17									
21	5-3		24									
22	5-4		31									
23	6-1	JUN	07									
24	6-2		14									
25	6-3		21									
26	6-4		28									
27	7-1	JULY	05									
28	7-2		12									
29	7-3		19	19296	4097	45018	11020	1069	80500	135		1
30	7-4		26	47193	6518	301427	20388	1670	377196	292		3
31	7-5	AUG	02	50714	10433	667331	33904	2882	765264	294		3
32	8-1		09	24488	8023	793624	24212	1118	851465	202		3
33	8-2		16	12660	8962	869399	38962	245	930228	195		4
34	8-3		23	3726	4618	316539	11974	140	336997	84		4
35	8-4		30	451	2110	73380	2805	37	78783	14		3
36	9-1	SEPT	06	0	1520	20295	2455	12	24282	5		3
37	9-2		13									
38	9-3		20									
TOTALS				158528	46281	3087013	145720	7173	3444715	1221		24

NOTE: 1986 CATCH FIGURES ARE PRELIMINARY, BASED ON DAILY HAILCOUNTS

TABLE 25.
DEPARTMENT OF FISHERIES AND OCEANS
COMMERCIAL SALMON HARVEST AND EFFORT
GILLNET AND SEINE
ANNUAL CATCH (1973-1986)
AREA 3(1-4)

YEAR	GEAR	SOCKEYE	COHO	PINK	CHUM	CHINOOK (LG)	STHD	TOTAL	BOAT DAYS	DAYS FISHING
1986	GN	25207	7272	91390	15979	419		140267	521	25
	SN	126653	30767	1827916	87825	5084		2078245	803	24
1985	GN	56007	6087	31088	7842	577	535	102136	365	21
	SN	253813	31261	1215825	62796	5088	938	1569721	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 - 86	GN	66717	9234	72000	24039	252	555	172798	834	22
	SN	146238	24529	950109	42692	1823	456	1165847	734	21
	TOTAL	212954	33763	1022109	66731	2076	1011	1338644	1568	43

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

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

1985 CATCH FIGURES ARE BASED ON PRELIMINARY B.C. SALESIPS DATED DECEMBER 3, 1985, USING WEEKLY HAILCOUNTS TO DIVIDE THE CATCH INTO 3(1-4) AND 3(7-17).

1986 CATCH FIGURES ARE BASED ON PRELIMINARY HAILCOUNT DATA.

+

FOR CHINOOK, THE 3(1-4) AND 3(7-17) DATA ARE AVAILABLE ONLY FOR LG AND JACKS COMBINED PREVIOUS 1982. THE AVERAGE SHOWN AT THE BOTTOM OF THE TABLE, THEN, IS FOR YEARS 1982-1985 ONLY.

TABLE 26.

DEPARTMENT OF FISHERIES AND OCEANS
COMMERCIAL SALMON HARVEST AND EFFORT
GILLNET AND SEINE
ANNUAL CATCH (1973-1986)
AREA 3(7-17)

YEAR	GEAR	SOCKEYE	COHO	* PINK	CHUM	CHINOOK(LG)	STHD	TOTAL	BOAT DAYS	DAYS FISHING
1986	GN	20872	7951	96905	32205	716		158649	604	25
	SN	31875	15514	1259097	57895	2089		1366470	418	24
1985	GN	61787	5634	159591	11867	428	1620	240927	448	21
	SN	46184	7700	1251352	43966	969	839	1351010	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 - 86	GN	120210	9950	73002	58089	799	867	262917	2399	26
	SN	39883	9983	611184	35472	920	225	697667	376	23
	TOTAL	160093	19933	684186	93561	1719	1092	960584	2776	49

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

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

1985 CATCH FIGURES ARE BASED ON PRELIMINARY B.C. SALES SLIPS DATED DECEMBER 3, 1985, USING WEEKLY HAILCOUNTS TO DIVIDE THE CATCH INTO 3(1-4) AND 3(7-17).

1986 CATCH FIGURES ARE BASED ON PRELIMINARY HAILCOUNT DATA.

+

FOR CHINOOK, THE 3(1-4) AND 3(7-17) DATA ARE AVAILABLE ONLY FOR LG AND JACKS COMBINED PREVIOUS 1982. THE AVERAGE SHOWN AT THE BOTTOM OF THE TABLE, THEN, IS FOR YEARS 1982-1985 ONLY.

TABLE 27.
DEPARTMENT OF FISHERIES AND OCEANS
COMMERCIAL SALMON HARVEST AND EFFORT
GILLNET AND SEINE
ANNUAL CATCH (1973-1986)
AREA 3

YEAR	GEAR	SOCKEYE	COHO	PINK	CHUM	CHINOOK (LG)	STHD	TOTAL	BOAT DAYS	DAYS FISHING
1986	GN	46079	15223	188295	48184	1135		298916	1125	25
	SN	158528	46281	3087013	145720	7173		3444715	1221	24
1985	GN	117794	11721	190679	19709	1005	2155	343063	813	21
	SN	299997	38961	2467177	106762	6057	1777	2920731	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 73-86	GN	186927	19184	145002	82128	4474	1422	439137	3233	29
	SN	186121	34512	1561293	78164	5438	681	1866209	1111	26
	TOTAL	373048	53696	1706295	160292	9911	2103	2305345	4344	55

NOTE: 1973 TO 1984 CATCH FIGURES ARE TAKEN FROM THE B.C. CATCH STATISTICS PUBLICATIONS.
1985 CATCH FIGURES ARE BASED ON PRELIMINARY B.C. SALESLIPS DATED DECEMBER 3, 1985.
1986 CATCH FIGURES ARE BASED ON PRELIMINARY HAILCOUNT DATA.

Table 28. Nass-Skeena (Statistical Areas 3, 4 and 5) preliminary salmon escapements 1986.

Area	Sockeye	Coho	Pink	Chum	Chinook	Sthd
3	200000	38000	374000	33000	17000	n/a
4	715000	50000	2200000	13000	62500	n/a
5	24500	22476	312100	16600	150	n/a

Table 29. Area 3 Annual Salmon Spawning Escapements 1966-1985.

YEAR	SOCKEYE	COHO	PINK	CHUM	CHINOOK
1985	362545	44539	508855	48970	7999
1984	182450	66450	530635	68125	12620
1983	195000	33000	737335	45115	8305
1982	281070	31255	426395	29476	6475
1981	225668	31079	204425	16490	8325
1980	155521	22505	130777	54794	9352
1979	212920	12680	49540	42313	7030
1978	144610	33100	401445	76470	10190
1977	400371	35605	229155	57975	9060
1976	143405	32600	154225	65100	5592
1975	74602	15385	111208	30550	5825
1974	193703	16375	84315	121570	3400
1973	285282	9925	69786	66100	3550
1972	178716	20250	244250	81200	20100
1971	248074	46125	122075	23000	17900
1970	117703	46750	218300	35650	18350
1969	317656	23000	52475	29200	28875
1968	98855	48025	246325	61350	26100
1967	80728	40450	66925	37725	27200
1966	112959	81150	304700	44325	19850
1966-69	200592	34512	244657	51775	12805
1970-74	204696	27885	147745	65504	12660
1975-79	195182	25874	189115	54482	7539
1980-84	207942	36858	405913	42800	9015

NOTE: MEZIADIN FISHWAY INSTALLED IN 1966

Table 30.

DEPARTMENT OF FISHERIES AND OCEANS
 PRELIMINARY COMMERCIAL SALMON HARVEST REPORT
 GILLNET 1986
 WEEKLY CATCH
 AREA 4

JULIAN WEEK	STAT. WEEK	1986 WEEK ENDING DATE		C A T C H					BOAT DAYS	DAYS FISHING
				SOCKEYE	COHO	PINK	CHUM	CHINOOK	TOTAL	
19	5-1	MAY	10							
20	5-2		17							
21	5-3		24							
22	5-4		31							
23	6-1	JUN	07							
24	6-2		14							
25	6-3		21							
26	6-4		28							
27	7-1	JULY	05							
28	7-2		12	15350	717	3744	4118	986	25205	269
29	7-3		19	44002	3267	3617	3060	1409	56095	388
30	7-4		26	200721	5784	19842	5832	2025	239421	1637
31	7-5	AUG	02	109227	3538	55461	10793	871	183182	1048
32	8-1		09	19302	2565	63134	2425	151	88452	413
33	8-2		16	46251	7060	538358	5024	243	600403	930
34	8-3		23	27506	9499	341705	5120	214	387395	768
35	8-4		30	10518	7825	168479	3673	61	192179	557
36	9-1	SEPT	06	290	917	5886	202	7	7366	85
37	9-2		13							
38	9-3		20							
TOTALS				473167	41172	1200226	40247	5967	1779698	6095
										21

NOTE: 1986 CATCH FIGURES ARE PRELIMINARY, BASED ON DAILY HAILCOUNTS

Table 31.

DEPARTMENT OF FISHERIES AND OCEANS
 PRELIMINARY COMMERCIAL SALMON HARVEST REPORT
 SEINE 1986
 WEEKLY CATCH
 AREA 4

JULIAN WEEK	STAT. WEEK	1986 WEEK ENDING		C A T C H					BOAT DAYS	DAYS FISHING
		DATE		SOCKEYE	COHO	PINK	CHUM	CHINOOK	TOTAL	
19	5-1	MAY	10							
20	5-2		17							
21	5-3		24							
22	5-4		31							
23	6-1	JUN	07							
24	6-2		14							
25	6-3		21							
26	6-4		28							
27	7-1	JULY	05							
28	7-2		12							
29	7-3		19							
30	7-4		26							
31	7-5	AUG	02	20850	7299	275355	5667	1113	310787	58
32	8-1		09							
33	8-2		16							
34	8-3		23	2568	1116	70920	384	49	75133	24
35	8-4		30	250	820	24610	370	19	26077	12
36	9-1	SEPT	06							
37	9-2		13							
38	9-3		20							
TOTALS				23668	9235	370885	6421	1181	411997	94
										7.5

NOTE: 1986 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 (1973-1986)
AREA 4

YEAR	GEAR	SOCKEYE	COHO	PINK	CHUM	CHINOOK(LB)	STHD	TOTAL	BOAT DAYS	DAYS FISHING
1986	GN	473167	41172	1200226	40247	5967	18919	1779698	6095	21
	SN	23668	9235	370885	6421	1181	607	411997	94	7.5
1985	GN	1841974	53403	980616	84997	13427	21840	2996257	12504	26
	SN	325624	13788	743545	26439	5493	1745	1116634	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 73-86	GN	861895	37755	564531	50981	7172	8380	1530714	8746	23
	SN	109508	6032	192186	10082	1809	435	320052	314	8
	TOTAL	971403	43787	756717	61063	8981	8815	1850767	9059	31

NOTE: 1973 TO 1984 CATCH FIGURES ARE TAKEN FROM THE B.C. CATCH STATISTICS PUBLICATIONS.
1985 CATCH FIGURES ARE PRELIMINARY ESTIMATES FROM SALES LIP ESTIMATES DATED DEC.3, 1985.
1986 CATCH FIGURES ARE BASED ON PRELIMINARY HAILCOUNT DATA.

Table 33. Area 4 Annual Salmon Spawning
Escapements 1966-1985.

YEAR	SOCKEYE	COHO	PINK	CHUM	CHINOOK
1985	2174806	19974	2000336	12188	52474 <
1984	1055215	51408	1036692	29479	37678
1983	892973	25194	2430512	1667	22678
1982	1139427	24356	739715	4614	16817
1981	1420649	26416	1272940	9385	24683
1980	542152	30514	745567	25982	23540
1979	1169236	24254	512338	5705	18047
1978	424075	52368	724234	7553	22834
1977	951830	39698	974927	10927	29129
1976	579065	38191	694250	11071	13055 <
1975	822723	22290	1767957	10375	20665
1974	726091	34670	368950	14102	31976
1973	820196	39245	1259936	25476	40295 <
1972	697237	57391	1767054	37320	20480
1971	825900	72345	1173206	5257	23300
1970	678602	82750	971800	10890	21400
1969	648004	74935	865075	10634	29475
1968	585204	117050	1700675	10625	25500
1967	632390	53486	592307	13775	26875
1966	416569	117200	644838	19380	21483
1965	641865	115975	1327204	9128	18975
1965-69	584806	95729	1026020	12708	24462
1970-74	749605	57280	1108189	18609	27490
1975-79	789386	35360	934741	9126	20746
1980-84	1010083	31578	1245085	14225	25079

Table 34.

DEPARTMENT OF FISHERIES AND OCEANS
 PRELIMINARY COMMERCIAL SALMON HARVEST REPORT
 GILLNET 1986
 WEEKLY CATCH
 AREA 5

JULIAN WEEK	STAT. WEEK	1986 WEEK		C A T C H						BOAT DAYS	DAYS FISHING
		ENDING DATE	SOCKEYE	COHO	PINK	CHUM	CHINOOK	TOTAL			
19	5-1	MAY	10								
20	5-2		17								
21	5-3		24								
22	5-4		31								
23	6-1	JUN	07								
24	6-2		14								
25	6-3		21								
26	6-4		28								
27	7-1	JULY	05								
28	7-2		12	990	178	937	495	0	2604	20	1
29	7-3		19	1058	689	1013	466	7	3234	15	1
30	7-4		26	3422	118	754	363	7	4696	34	3
31	7-5	AUG	02	398	115	1677	655	1	2856	22	2
32	8-1		09	2501	2710	21669	5189	18	32166	163	3
33	8-2		16	1577	922	16567	3330	1	22572	78	4
34	8-3		23	1359	703	18086	2543	0	22908	61	3
35	8-4		30	656	909	22653	762	1	25051	44	3
36	9-1	SEPT	06	221	972	13590	581	3	15390	40	2
37	9-2		13	57	490	4872	232	0	5654	52	1
38	9-3		20								
TOTALS				12239	7806	101820	14616	38	137131	529	23

NOTE: 1986 CATCH FIGURES AREA PRELIMINARY, BASED ON DAILY HAILCOUNTS

Table 35.

DEPARTMENT OF FISHERIES AND OCEANS
 PRELIMINARY COMMERCIAL SALMON HARVEST REPORT
 SEINE 1986
 WEEKLY CATCH
 AREA 5

JULIAN WEEK	STAT. WEEK	1986 WEEK		C A T C H						BOAT DAYS	DAYS FISHING
		ENDING DATE	SOCKEYE	COHO	PINK	CHUM	CHINOOK	TOTAL			
19	5-1	MAY	10								
20	5-2		17								
21	5-3		24								
22	5-4		31								
23	6-1	JUN	07								
24	6-2		14								
25	6-3		21								
26	6-4		28								
27	7-1	JULY	05								
28	7-2		12								
29	7-3		19	386	135	5690	458	48	6717	11	1
30	7-4		26	3579	446	21768	1304	207	27329	53	3
31	7-5	AUG	02	597	262	10623	418	60	11960	8	2
32	8-1		09	2888	4809	211565	5085	155	224517	73	3
33	8-2		16	6624	4404	361727	5849	97	378795	90	4
34	8-3		23	3820	1357	353886	2233	64	361482	72	3
35	8-4		30	730	395	242085	338	23	243599	44	3
36	9-1	SEPT	06	66	1312	239389	314	19	241103	27	2
37	9-2		13	1	262	11679	78	0	12021	11	1
38	9-3		20								
TOTALS				18691	13382	1458412	16077	673	1507523	389	22

NOTE: 1986 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 (1973-1986)
AREA 5

YEAR	GEAR	SOCKEYE	COHO	PINK	CHUM	CHINDOK(LG)	STHD	TOTAL	BOAT DAYS	DAYS FISHING
1986	GN	12239	7806	101820	14616	38	612	137131	529	23
	SN	18691	13382	1458412	16077	673	288	1507523	389	22
1985	GN	16287	2037	16961	5558	86	385	41314	169	16
	SN	40638	2827	280105	9319	467	405	333761	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 73-86	GN	20100	13193	106132	16316	403	247	156390	743	21
	SN	12626	4723	294642	6105	427	110	318633	207	19
	TOTAL	32726	17915	400774	22421	830	357	475023	950	40

NOTE: 1973 TO 1984 CATCH FIGURES ARE TAKEN FROM THE B.C. CATCH STATISTICS PUBLICATIONS.
1985 CATCH FIGURES ARE BASED ON PRELIMINARY B.C. SALESLIPS DATED DECEMBER 3, 1985.
1986 CATCH FIGURES ARE BASED ON PRELIMINARY HAILCOUNT DATA.

Table 37. Area 5 Annual Salmon Spawning
Escapements 1966-1985.

YEAR	SOCKEYE	COHO	PINK	CHUM
1985	37250	4350	174575	11615
1984	17050	8125	171500	6320
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
1978	28850	18751	255851	13075
1977	11200	25410	110175	28460
1976	19050	27575	350200	19725
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
1965	57500	66250	115150	18000
1965-69	58030	48560	140360	12690
1970-74	35900	15794	179487	21820
1975-79	25020	24442	186860	16902
1980-84	16550	8934	135875	6195

Table 38. 1987 Expectations of Catch: Canadian North Coast (Areas 1, 3, 4 and 5) sockeye, pink and chum.

Area	SOCKEYE	PINK	CHUM
Q.C.I.			
1	No local surplus-interception included in Nass Skeena.		
Skeena-Nass			
3	420,000	2,250,000	130,000
4	300,000	1,300,000	50,000
5	35,000	325,000	15,000
TOTAL	755,000	3,875,000	195,000

Table 39. Area 1 Weekly Troll Catch and Effort, 1986.

WEEK ENDING	SOCKEYE	COHO	PINK	CHUM	CHINOOK	STEELHEAD	EFFORT
JUNE 21	21	9999	4942	205	1529	2	212
JUNE 28	239	79400	36385	1784	12441	13	1728
JULY 5	343	86308	37348	2519	9495	13	1710
JULY 12	785	87408	47865	3526	8020	96	1613
JULY 19	826	72355	55761	5217	6017	352	1442
JULY 26	538	57481	54305	2797	4135	341	1118
AUG 2	497	43840	31152	1065	4735	21	921
AUG 9	1760	32894	32583	1251	6834	19	908
AUG 16	4015	22275	25894	1265	7962	24	881
AUG 23	977	26974	35788	1840	9868	23	1144
AUG 30	860	25409	36932	2525	9496	69	1213
SEPT 6	2722	14402	18512	1453	3907	3	527
TOTAL	13583	558745	417467	25447	84439	976	13417

*

DATA SOURCE: ISCMP.SOURCE, NOV. 12, 1986.

Table 40. Area 1 Troll Pink Catch and Effort, 1971-1986.

YEAR	PINK	BOAT DAYS
1986	410467	13417
1985	726765	18299
1984	1177577	21218
1983	193807	20409
1982	56340	18175
1981	264065	19343
1980	721646	24109
1979	112766	13896
1978	57445	11193
1977	67063	8744
1976	1123	8859
1975	23862	11526
1974	44504	9298
1973	31380	8806
1972	124622	9783
1971	49809	11101
AVG 71-86	253953	14261

SOURCE: 1971-84 -B.C. CATCH STATISTICS.

1985 -PRELIMINARY B.C. SALESLEIPS, NOV.18, 1985.

1986 -PRELIMINARY B.C. SALESLEIPS (ISCM.P.SOURCE)

LAST UPDATED, NOV. 12, 1986.

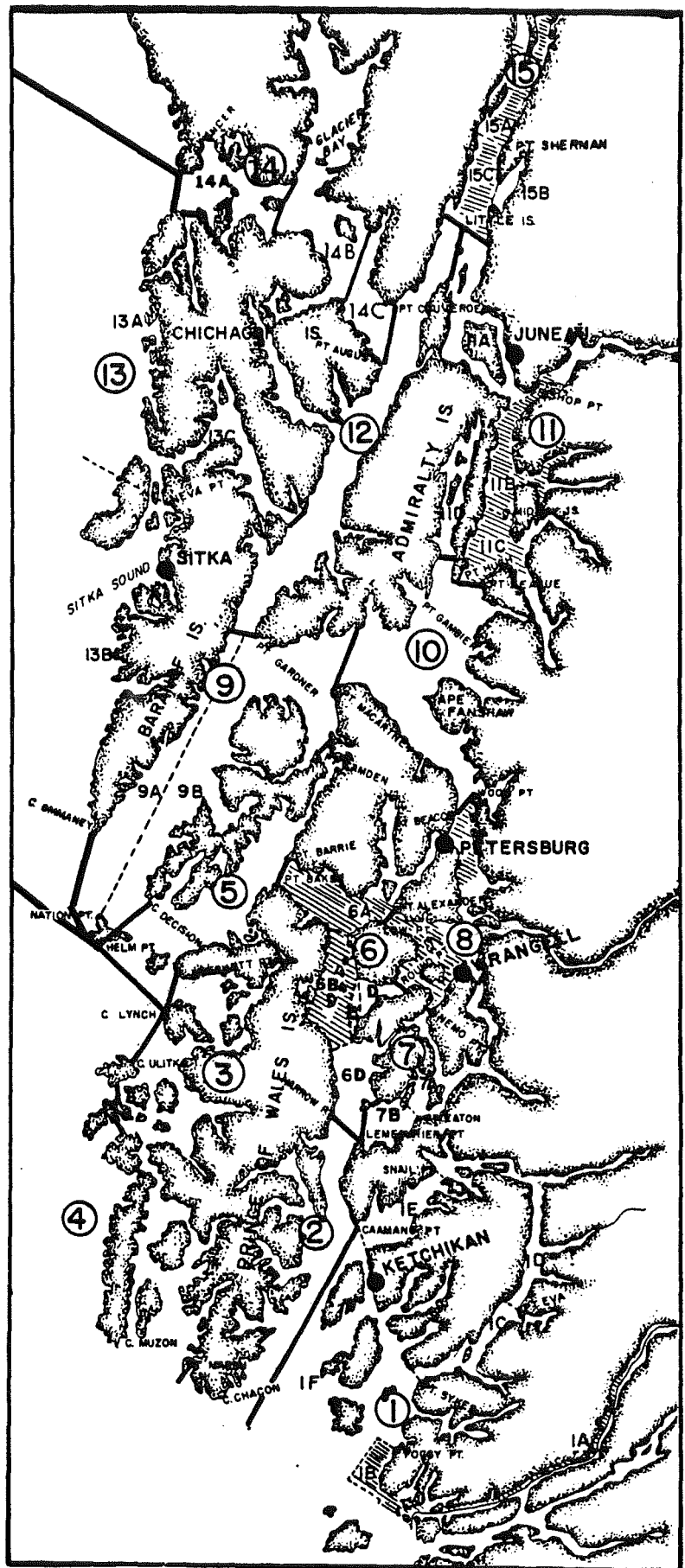


Figure 1. Southeast Alaska fishery management Districts 101-115 (1-15).

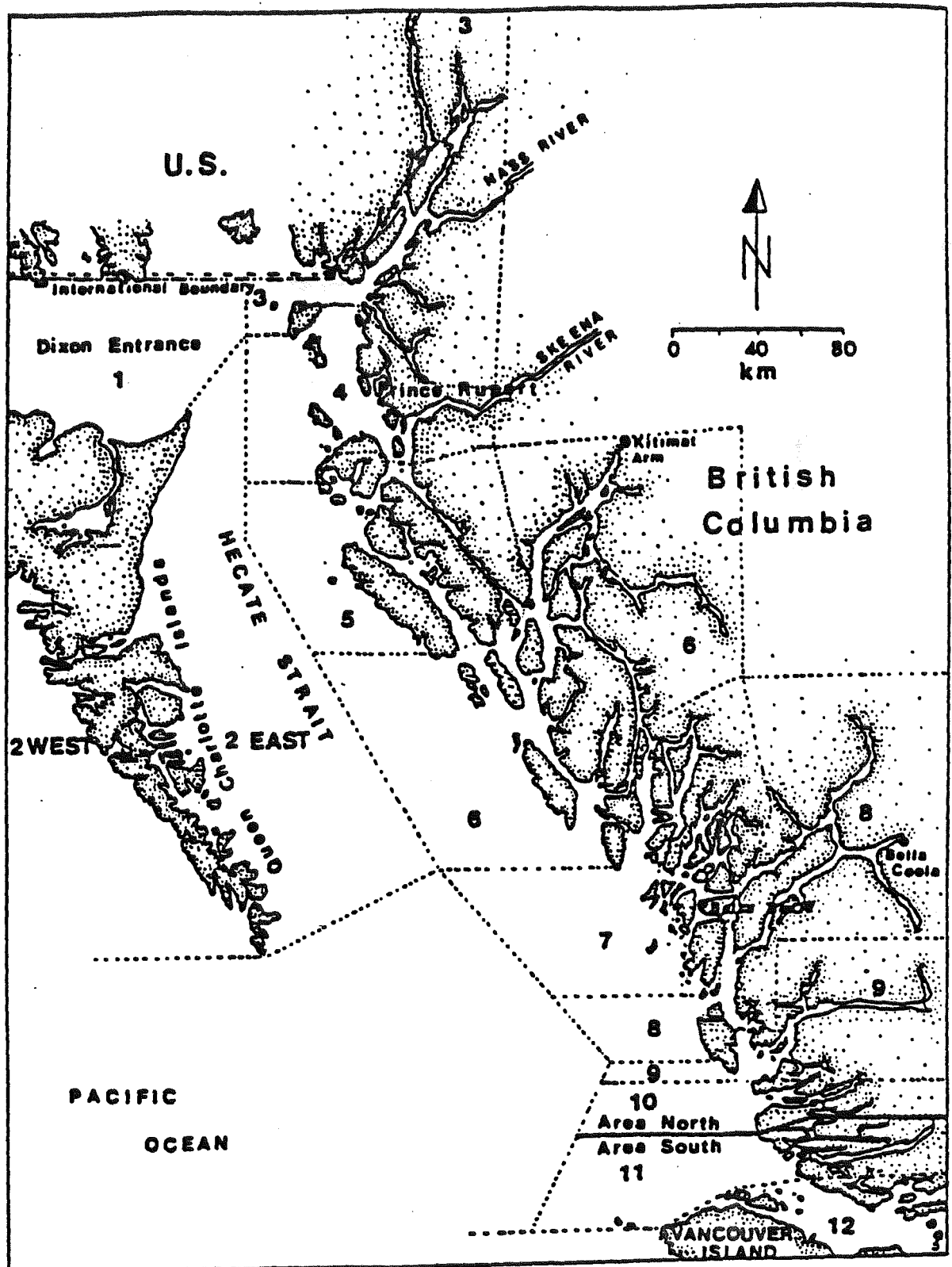


Figure 3. Map of Northern British Columbia showing Department of Fisheries Statistical Areas 1-10.

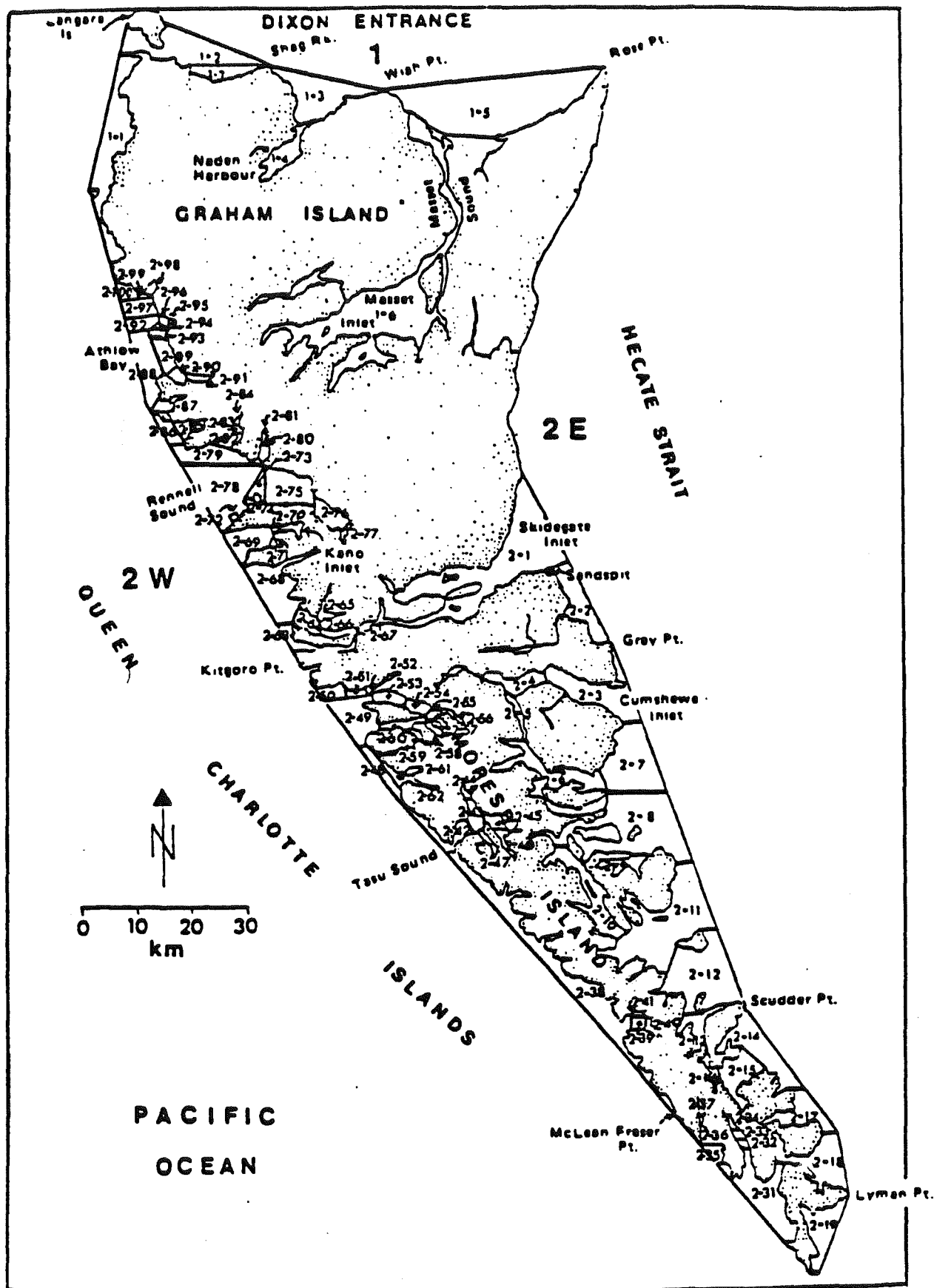


Figure 4. Map illustrating statistical area 1 management subareas.

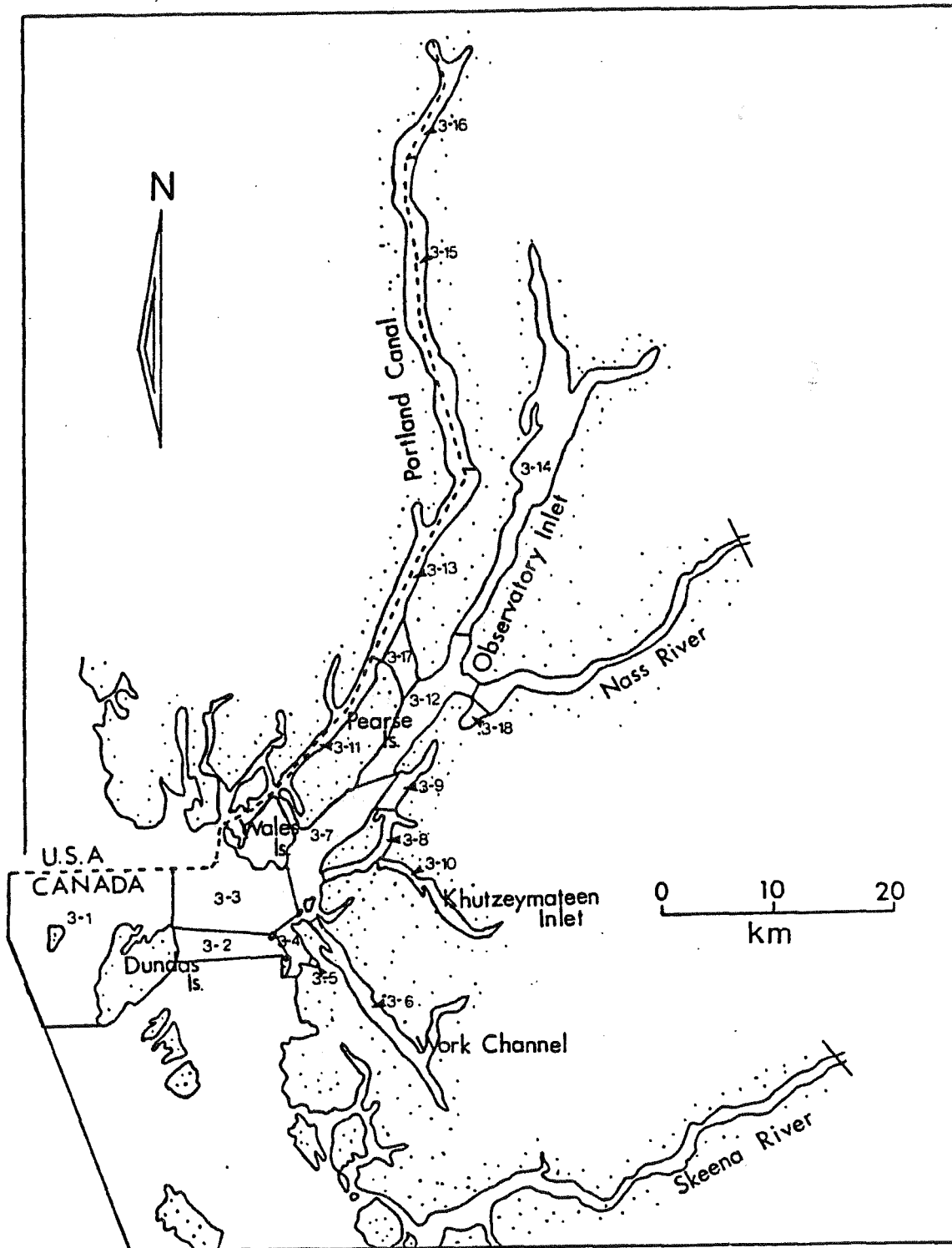


Figure 5. Map of Area 3 Management Units, B.C.

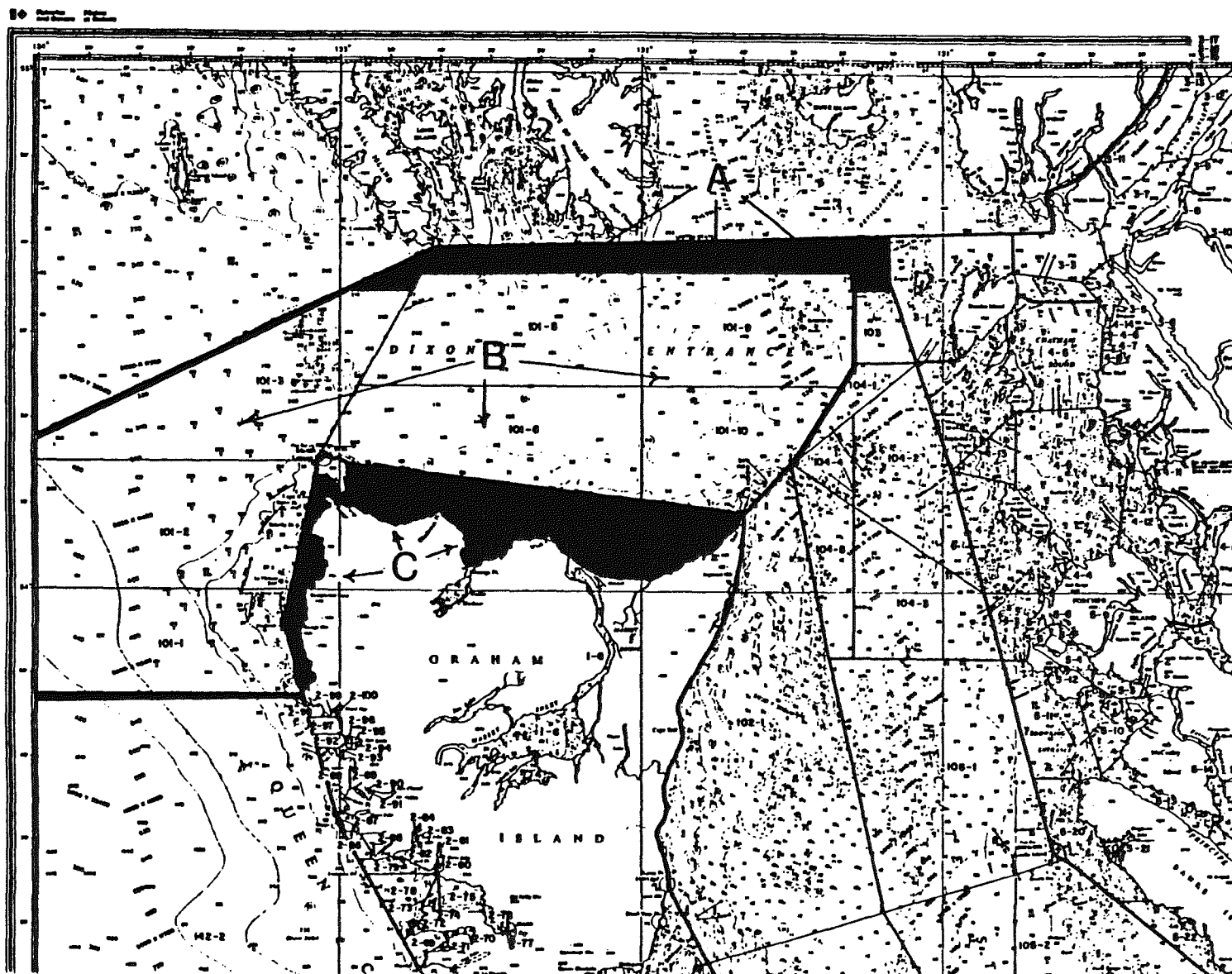


Figure 6. Area 1 1986 Pink "Treaty Non-retention Areas".

PINK NET CATCH SUBAREA 3(1-4)

1973-1986

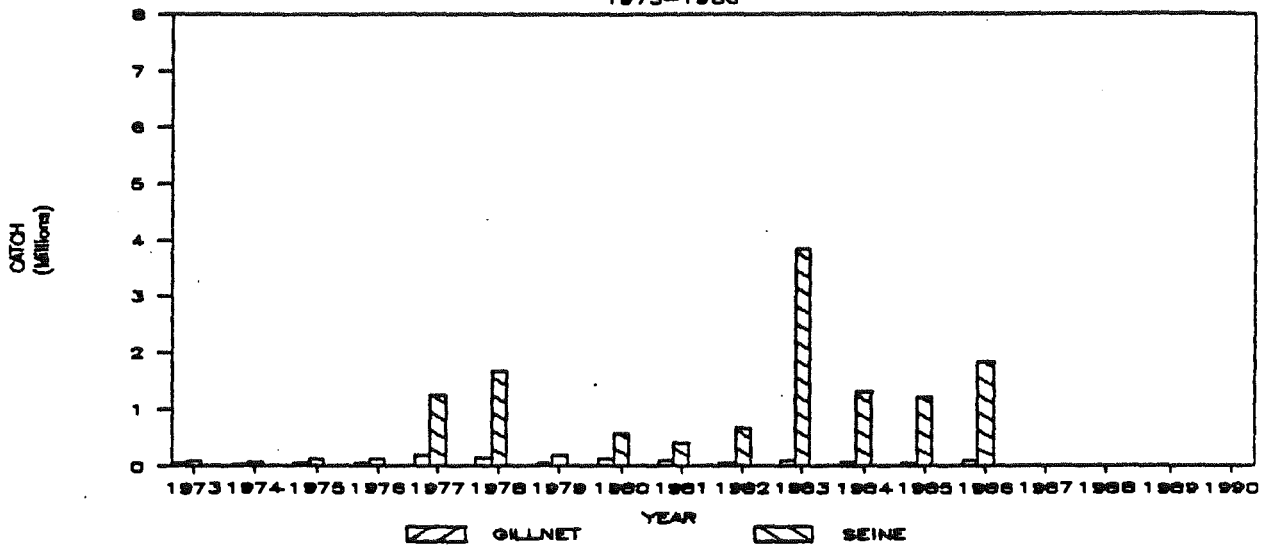


Figure 7.

PINK NET CATCH AREA 3 TOTAL

1973-1986

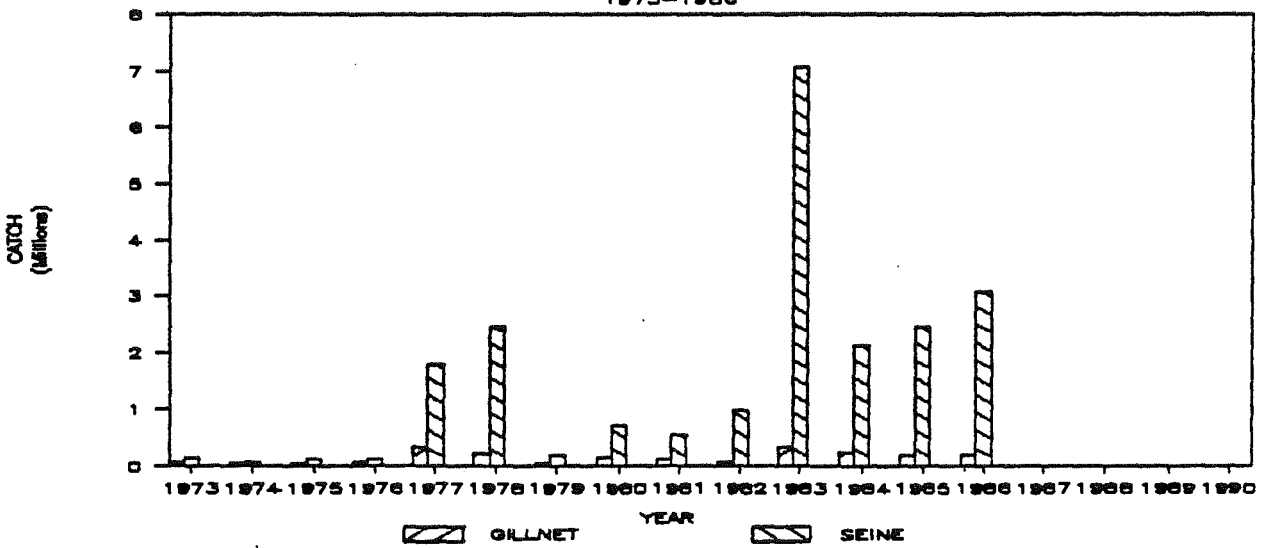


Figure 8.

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

1973-1986

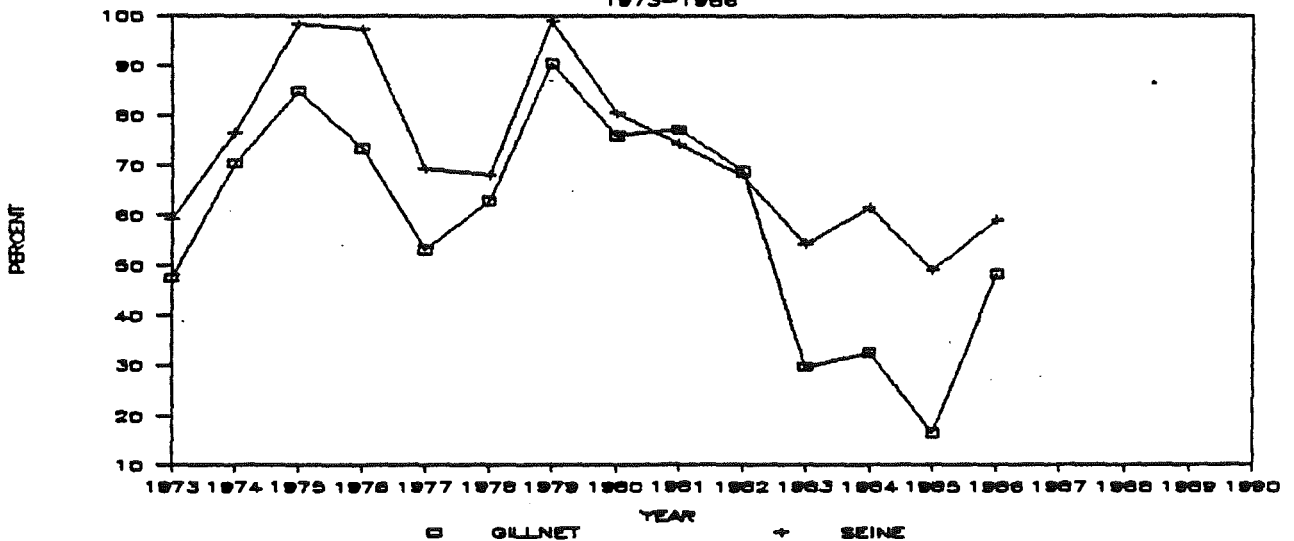


Figure 9.

NET EFFORT (BOAT DAYS) SUBAREA 3(1-4)

1973-1986

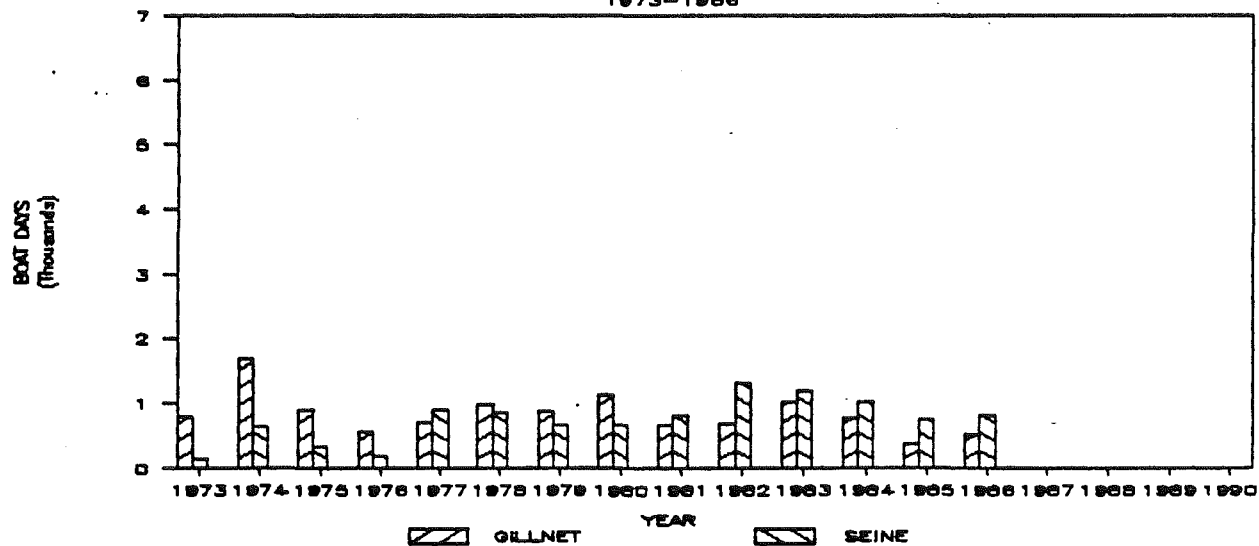


Figure 10.

NET EFFORT (BOAT DAYS) AREA 3 TOTAL

1973-1986

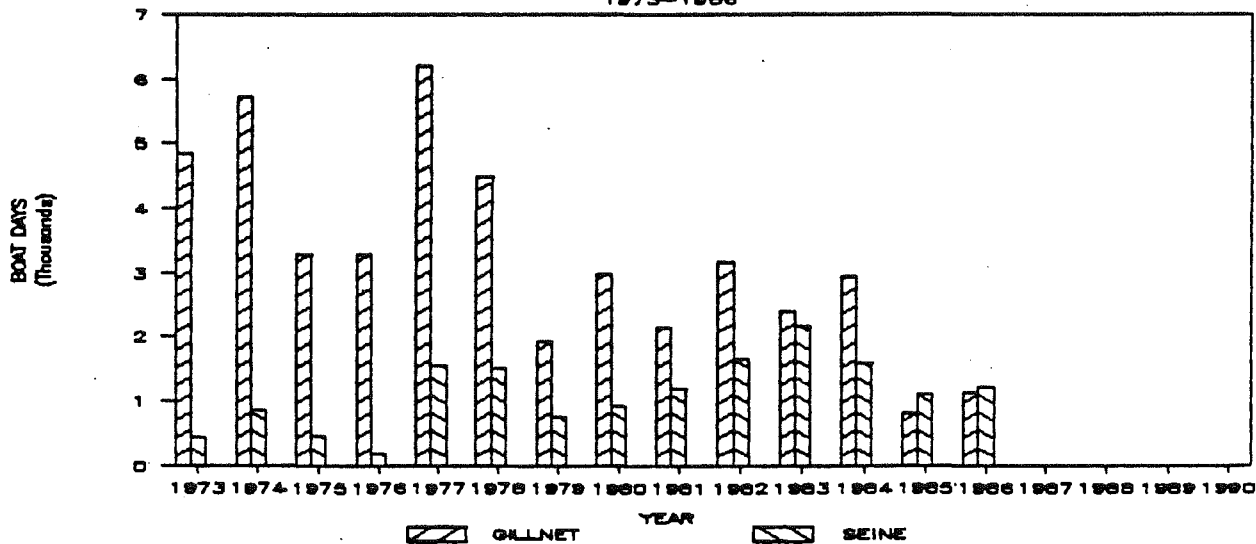


Figure 11.

PERCENT OF AREA 3 EFFORT IN 3(1-4)

1973-1986

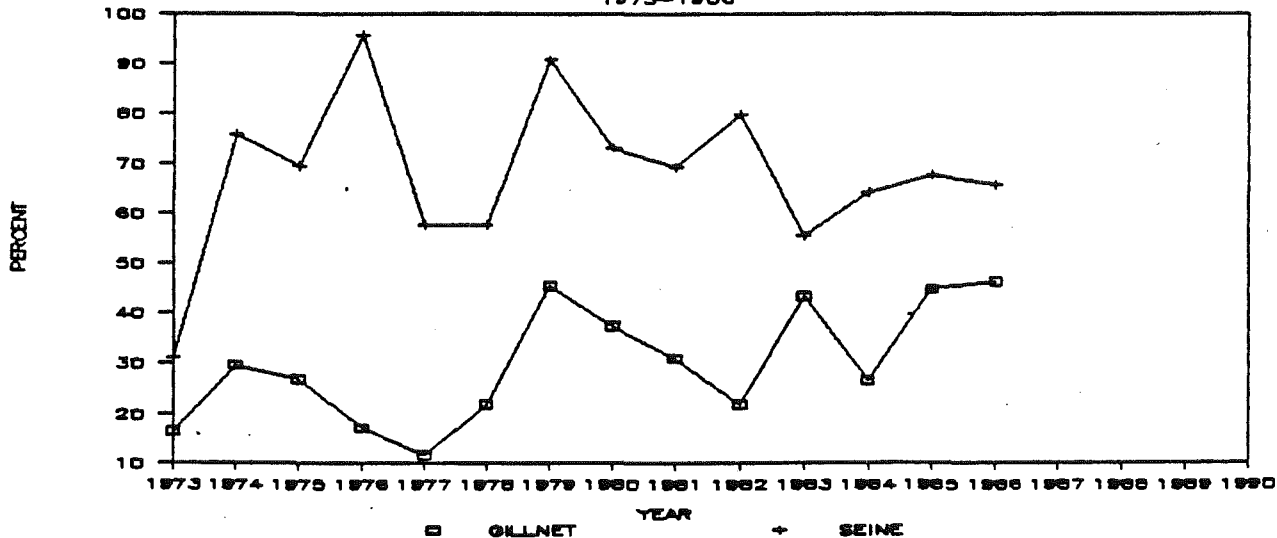


Figure 12.

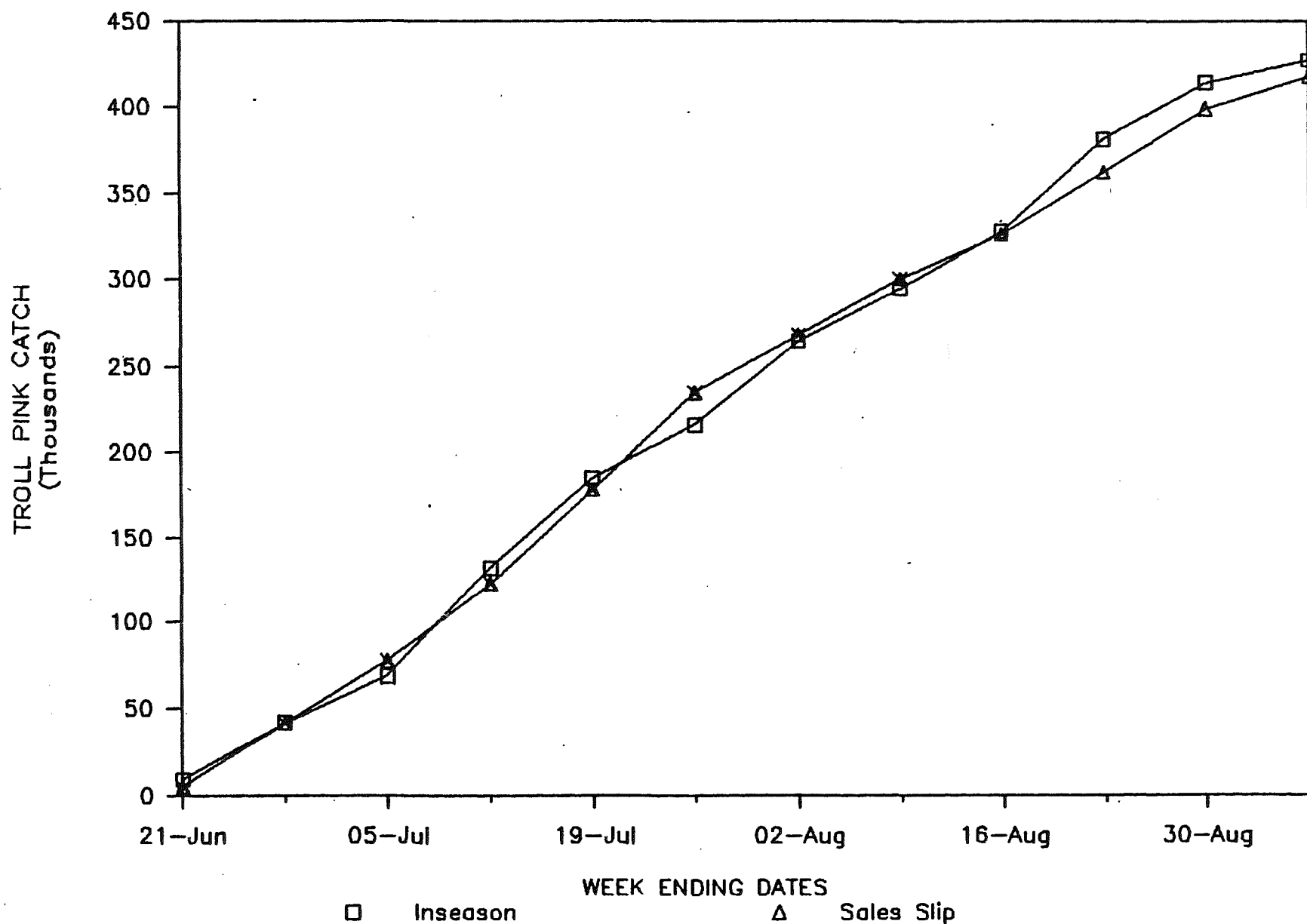


Figure 13. Area 1 inseason weekly troll pink hail catch estimates and "actual" catches as indicated by sales slips (compiled to November 14).