

**THE PACIFIC SALMON COMMISSION**

**NORTHERN BOUNDARY TECHNICAL  
COMMITTEE REPORT**

**U.S./CANADA NORTHERN BOUNDARY AREA  
2000 SALMON FISHERIES MANAGEMENT REPORT  
AND 2001 PRELIMINARY EXPECTATIONS**

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## EXECUTIVE SUMMARY

This report reviews:

- 1) catch, effort, and management actions in the 2000 Northern Boundary Area troll and net fisheries of southern Southeast Alaska Districts 101 to 108 and northern British Columbia Areas 1, 3, 4, and 5;
- 2) management performance relative to Treaty requirements;
- 3) preliminary expectations and fishing plans for 2001.

Historical catch and effort data by district / Area, gear, species, and week are no longer reported annually in this report. They can be referenced in *Pacific Salmon Commission, Northern Boundary Technical Committee Report, U.S. / Canada Northern Boundary Area 1999 Salmon Fisheries Management Report and 2000 Preliminary Expectations*. Report TCNB (01)-1, January 2001. If these historical numbers are modified, they will be added as an appendix in a future annual report.

### ***2000 Fisheries***

In southern Southeast (SSE) Alaska, there was a below average return of pink salmon. The 12.4 million harvested was below the 10-year, 1989-1998, average of 32.9 million. The SSE Alaska escapement indices totalled 8.6 million, within the 6.0 - 9.0 million goal. The pink salmon harvest in all of Southeast Alaska was 20.3 million, below the preseason forecast of 31.0 to 51.0 million. The 4.4 million chum harvested in southern Southeast Alaska was above the recent 89-98 average of 3.6 million. In addition there were 605 thousand coho and 648 thousand sockeye salmon harvested in SSE Alaska in 2000. These were 52 and 41 percent of the 89-98 average, respectively.

In Canadian fisheries, a one-day Area 1 interception gillnet fishery occurred in Week 27, as well as a very small gillnet chum fishery in terminal areas in September. A short directed troll fishery took place in Area 1 to target Skeena-bound sockeye and pink stock.

A substantial return of Nass sockeye, along with a poor pink return, provided a modest net fishery in Area 3. Gillnet and seine sockeye catches of 220 thousand and 83 thousand, respectively, were above pre-season expected levels. The catch of pink salmon by gillnets (180 thousand) and seine (245 thousand) was very poor. The total Nass sockeye escapements were estimated to be 209 thousand (target: 200 thousand). Final sockeye escapement estimates through the Meziadin fishway totalled 136,994, below the target of 160 thousand. Pink escapements to Area 3 were below target levels for many stocks with a total escapement of 322,990. Chum escapements to Area 3 continued to be depressed in 2000 with an estimate of 20,718 spawners.

Area 4 fisheries were restricted to conserve wild Skeena sockeye and Upper Skeena coho stocks. The total catch was 2.0 million sockeye, 320 thousand pink, 27 thousand chum, and 18 thousand chinook salmon. The Skeena sockeye escapement estimate of 1,482,252 was well above the

spawning target of 900 thousand. Although the enhanced portion of the run was strong, there continues to be concern regarding the health of some wild non-Babine stocks (Morice Lake, Kitwanga Lake). Spawning in Pinkut channels appeared normal while the Fulton facility was heavily infested with the parasite *Ichthyophthirius multifiliis*, resulting in poor egg deposition. The Skeena pink escapement of 260 thousand is well below the minimum escapement target of 1.0 million, while coastal Area 4 stocks were also below target. The Skeena chum escapements were also very poor.

The Area 5 net fishery was severely restricted in 2000 to address concerns for coho. Total catch for the gillnet fleet was 18,000 sockeye, 9,000 pink and 2,300 chum. Total catch for the seine fleet was 11,599 sockeye, 23,468 pink and 3,205 chum.

The 2000 Area 1 pink troll fishery was restricted to conserve West Coast Vancouver Island chinook stocks and Upper Skeena coho stocks. A small selective pink fishery took place from 15-31 July in west Dixon Entrance (sub-areas 101-3 to 101-10) to assess the troll fleet's ability to segregate and reduce coho encounters on a targeted pink fishery. A second opening, directed at pink salmon, took place from 22-31 August with specific gear and area restrictions to reduce coho interception.

## MANAGEMENT PERFORMANCE

The June 1999 revision of the Pacific Salmon Treaty restructured the agreements for the Northern Boundary area fisheries – Alaska District 104 purse seine, Alaska District 101 drift gillnet, Canadian Area 3 net, and Canadian Area 1 troll. The new agreements are “abundance based” where the allowable harvest is a percent of annual allowable harvest (AAH). In Alaska's District 104 purse seine fishery, the Nass and Skeena sockeye run size determines allowable harvests of these stocks prior to Statistical Week 31. In Alaska's District 101 gillnet fishery, the AAH is based solely on the Nass sockeye run. The abundance of Alaskan pink salmon returning to Districts 101 to 103 determines allowable harvests of these stocks in Canada's Area 3(1-4) net and Area 1 troll fisheries. Historical stock specific abundance and catch and effort data by district, gear, species, and week will no longer be included in this annual report to allow for easier and less cumbersome reporting. These tables can be referenced in *Pacific Salmon Commission, Northern Boundary Technical Committee Report, U.S. / Canada Northern Boundary Area 1999 Salmon Fisheries Management Report and 2000 Preliminary Expectations*. Report TCNB (01)-1, January 2001. If the historical catch and escapement numbers are modified they will be added as an appendix in a future annual report.

In 2000, the District 101 gillnet fishery was managed conservatively in recognition of the modest run of 800 thousand Nass sockeye salmon forecasted by the Canada Department of Fisheries and Oceans (DFO). The conservative management stemmed from the need to repay an “overage”, currently estimated at approximately 50 thousand Nass sockeye, carried forward from the 1999 season. The district was opened for an initial 2-day fishing week beginning 18 June (Week 26) followed by openings of 2-days, 4-days, 3-days, and 4-days in Weeks 27, 28, 29, and 30. The cumulative sockeye harvest prior to the District 1 Pink Salmon Management Plan (Week 31) was 52,567 fish, or 56% of the season's total sockeye harvest.

The 2000, pre-Week 31 fishing plan for District 104 was based on the DFO preseason forecast of 800 thousand Nass and 2.25 million Skeena sockeye salmon. This produced a total combined run of 3.05 million, a total AAH of 1.95 million, and a pre-Week 31 allowable harvest of 47,775 Nass and Skeena sockeye salmon in District 104. Management actions for the District 104 purse seine fishery, prior to Statistical Week 31, took into account an “underage” currently estimated at approximately 15 thousand sockeye salmon from the 1999 season. In 2000, there were three 12-hour openings and three 15-hour openings prior to Statistical Week 31. A total of 48,969 sockeye salmon were harvested pre-Week 31. The number of participating boats each opening ranged from 8 to 38 during this period. The shortened openings in District 104 combined with ample early-season fishing opportunities elsewhere in the region effectively limited effort.

For 2000, Canada was to manage the 3-1 to 3-4 net fishery to achieve an annual catch share of 2.49 percent of the AAH of Alaskan Districts 101, 102 and 103 pink salmon production. The AAH for 2000 was 12,128,893 providing a Canadian catch allowance (2.49 %) of 302,009 Alaskan pink salmon. The Canadian pink catch in 2000 in Sub-areas 3-1 to 3-4 was 75,752 and the Alaska stock component of this was estimated to be 56,772. The Canadian harvest was 245,238 under the allowed AAH target catch. This produced a cumulative “underage” of 47,971 for the current agreement. The Canadian pink returns were much poorer than expected, and escapements to the Skeena and Nass areas generally did not meet targets.

For 2000, Canada was to manage the commercial troll fishery in Area 1 to achieve an annual catch share of 2.57 percent of the annual allowable harvest (AAH) of Alaskan Districts 101, 102 and 103 pink salmon production. The AAH for 2000 was 12,128,893 providing a Canadian catch allowance (2.57 %) of 311,713 Alaskan pink salmon. The Canadian commercial troll fishery in Area 1 was restricted for much of the season due to concerns for North Coast coho. The total catch for the 2000 Area 1 troll pink fishery was 48,832, of which 37,290 were estimated to be of Alaskan origin. The Canadian harvest was 274,422 pieces under the allowed AAH target catch. This produced a cumulative “underage” for the current agreement at 1,337,477.

### ***2001 Forecast***

The 2001 pink salmon return to Southeast Alaska is expected to be strong. The Alaska Department of Fish and Game’s forecast is for a total adult return of 55.0 to 85.0 million, an escapement goal range of between 24.0 and 40.0 million, and a harvest estimate of between 31.0 and 51.0 million pink salmon in all of Southeast Alaska in 2001. Separate forecasts for northern and southern Southeast show strong returns throughout all areas. Formal forecasts are not made for species other than pink salmon in Southeast Alaska. However, returns of coho, sockeye, and chum salmon are projected to be good, comparable to the levels observed in recent years.

The sockeye returns produced from the Nass and Skeena were expected to be near average for the Nass and above average for the Skeena. Pink returns to the Skeena/Nass areas were expected to be above average.



## **INTRODUCTION**

This report reviews the 2000 Boundary Area pink, chum and sockeye salmon net and troll fisheries of southern Southeast (SSE) Alaska and Northern British Columbia and outlines preliminary expectations and fishing plans for 2001. The document is submitted to the Pacific Salmon Commission as required in Article IV of the Pacific Salmon Treaty. Weekly catch and effort data is provided by district or area, gear, and species (sockeye, pink, chum, coho, and chinook) for Northern Boundary Area fisheries for 2000. Sub-area catch data is also presented for all salmon species for Canadian Area 3. Canadian catch data for 2000 is based on sales slip data, as these numbers had been finalized at the time of the report. Maps showing the statistical fishing districts or areas for southern Southeast Alaska and Northern British Columbia are provided in Figures 1 to 4.

## **SOUTHERN SOUTHEAST ALASKA**

### ***2000 Salmon Forecast***

The 2000 pink salmon return to Southeast Alaska was expected to be strong. The Alaska Department of Fish and Game's forecast was for a total adult return of 55.0 to 84.0 million, an escapement goal range of between 24.0 and 40.0 million, and a harvest estimate of between 31.0 and 51.0 million pink salmon in all of Southeast Alaska in 2000. Separate forecasts for northern and southern Southeast showed strong returns throughout most areas. Formal forecasts were not made for species other than pink salmon in Southeast Alaska. However, returns of coho, sockeye, and chum salmon were projected to be good, comparable to the levels observed in recent years.

### ***Review of the 2000 Fishing Season***

Commercial fisheries harvested approximately 18.1 million salmon in southern Southeast Alaska in 2000. This includes purse seine, drift gillnet, troll, and hatchery harvests from Districts 101 to 108, 150, 152, and salmon harvests in the Annette Island Fishery Reserve.

The total Southeast Alaska harvest was below the 19.9 million average since statehood (1960-1998). The total pink salmon harvest in all of Southeast Alaska was 20.3 million, which was below the preseason forecast of 31.0 to 51.0 million for 2000. The SSE Alaska harvest was comprised of 12.38 (68.5%) million pink, 4.40 (24.4%) million chum, 600 (3.4%) thousand coho, 650 (3.6%) thousand sockeye, and 35,657 (0.2%) chinook salmon. Historical catch and effort data by district, gear, species, and week will no longer be reported each year. They can be referenced in *Pacific Salmon Commission, Northern Boundary Technical Committee Report, U.S. / Canada Northern Boundary Area 1999 Salmon Fisheries Management Report and 2000 Preliminary Expectations*. Report TCNB (01)-1, January 2001. If historical numbers are modified, they will be added as an appendix in a future annual report.

## **Districts 101, 102, and 103 Purse Seine Fisheries**

The management of the southern Southeast Alaska inside purse seine fishery was based on inseason pink salmon returns to Districts 101 through 107. Exceptions to this management scheme in 2000 were: 1) a near-terminal sockeye salmon fishery that targeted Alaska McDonald Lake sockeye salmon stocks in the upper West Behm Canal section of District 101; 2) an early season opening in lower District 102 to target Southern Southeast Regional Aquaculture Association's (SSRAA) Kendrick Bay summer chum salmon; and 3) a District 102 directed fall chum salmon fishery.

The mediocre, but evenly distributed return of pink salmon characterized the 2000 southern Southeast Alaska purse seine fishery. The overall pink salmon harvest in southern Southeast Alaska was 12.4 million fish, below the average annual pink salmon harvest of 28.1 million since 1985. Of those pink salmon: 9.4 million (76%) were harvested in Districts 101, 102, and 103; 1.8 million (15%) were harvested in District 104; and 1.2 million (9%) were harvested in Districts 105, 106, and 107.

The District 101 purse seine fishery (Table 1) opened on 2 July for 15 hours (Statistical Week 28). During that opening 4 boats caught approximately 7,300 pink and 2,300 chum salmon. Over the next two and one-half week's only five openings of 15 hours each were allowed as the pink salmon returns started slowly and purse seine management was relatively conservative. Beginning in Week 31 pink salmon catches in District 101 started to increase. By mid-August it was evident that the pink salmon run was developing normally, just not at the level forecast. The peak opening in District 101 was Week 33, one week later than average. In 2000, there were two openings to target McDonald Lake sockeye salmon in upper West Behm Canal. During these openings 35,811 sockeye, 144,200 chum, and 83,000 pink salmon were harvested. For 2000, approximately 3.16 million pink, 630 thousand chum, 127 thousand sockeye, and 17 thousand coho were harvested in the District 101 common property purse seine fishery.

The first traditional pink salmon purse seine fishery in District 102 (Table 2) began on 2 July for 15 hours. The 2 July opening for the Kendrick Bay Special Harvest area was open for 87 hours and included a small portion of the traditional fishing area just outside Kendrick Bay. During the past several years good returns of summer chum salmon to Kendrick Bay, a remote release site for SSRAA, has attracted boats to the area. However, in 2000, hatchery produced summer chum were well below expectations and therefore effort levels remained low in the district until week 33. The harvest of pink salmon was relatively poor for the first eight openings. Pink salmon catches improved in early August, and like the rest of southern Southeast Alaska the peak harvest occurred slightly later than normal. The peak week of harvest was Week 33 (6 August) when 64 boats took approximately 750 thousand pink salmon in a 39-hour opening. The average peak Statistical Week for pink salmon harvest in District 102 is Week 32. For 2000, approximately 2.67 million pink, 597 thousand chum, 34 thousand sockeye, and 30 thousand coho salmon were harvested. Of the chum harvest, approximately 225 thousand were taken in the directed purse seine fishery for fall chum in the Cholmondeley Sound area that began on 10 September.

While the initial purse seine fishery in District 103 (Table 3) was for 15 hours on 26 July (Week 31) very little effort was recorded in the district until the 39-hour opening on 10-11 August (Week 33).

Pink salmon catches were average in Weeks 33 and 34 with approximately 1.8 million pink salmon harvested in four 39-hour fishing periods. As in every other district in southern Southeast Alaska, the peak week of harvest in District 103 was approximately one week later than average. For 2000, approximately 2.21 million pink, 196 thousand chum, 17 thousand coho, and 17 thousand sockeye salmon were harvested in the common property purse seine fishery.

### **District 104 Purse Seine Fishery**

The 2000, pre-Week 31 fishing plan for District 104 was based on the DFO preseason forecast of 800 thousand Nass and 2.25 million Skeena sockeye salmon. This produced a total combined run of 3.05 million, an AAH of 1.95 million, and a pre-Week 31 allowable harvest of 47,775 Nass and Skeena sockeye salmon in District 104. Management actions took into account an "underage", currently estimated at approximately 15,000 sockeye salmon from the 1999 season.

In 2000, 48,969 sockeye were harvested in three 12-hour and three 15-hour pre-Week 31 openings (Table 4). In past years 60% to 80% of pre-Week 31 sockeye have been of Nass and Skeena origin. Thus, we would anticipate that between 30 thousand and 40 thousand Nass and Skeena sockeye were harvested in the District 104 purse seine fishery pre-Week 31. The final targeted number of Nass and Skeena sockeye will not be available until catch, escapement, and stock composition estimates are finalized for the year. The number of participating boats each pre-Week 31 opening ranged from 8 to 38. Districts 101 and 102 were opened for six 15-hour openings in these weeks. The shortened openings in District 104 combined with ample early-season fishing opportunities elsewhere in the region effectively limited effort. The average number of hours, boats, days, and boat-days fished pre-Week 31 in years 1985 to 2000 was down 43 to 72% compared to the 1980-1984 period. The sockeye harvest was also down 24% despite a 175% increase in the average sockeye catch-per-boat-day since 1984.

After Week 30, District 104 was opened the same dates and hours as the purse seine openings in Districts 101, 102, and 103. Openings were on a one-day-on and two-day-off schedule from 23 July through 2 August then on a two-day-on and two-day-off schedule from 6 August through 23 August. The last opening was a one-day opening on 26 August. The fishing effort and catches of all species was below Treaty-year averages.

For 2001, the District 104 purse seine fishery harvested approximately 1.804 million pink, 294 thousand chum, 227 thousand sockeye, 72 thousand coho, and one thousand chinook salmon. The final targeted number of Nass/Skeena sockeye will not be available until catch, escapement, and stock composition estimates are finalized for the year.

### **Districts 105, 106, and 107 Purse Seine Fisheries**

For the season, the combined Districts 105, 106, and 107 purse seine fisheries harvested approximately 989 thousand pink, 221 thousand chum, 10 thousand sockeye, 7 thousand coho, and 1 thousand chinook salmon.

## **District 101 Tree Point Drift Gillnet Fishery**

The District 101 drift gillnet fishery opens by regulation on the third Sunday in June. During the early weeks of the fishery, management was based on the run strength of Alaska wild stock chum and sockeye salmon and on the strength of the Nass River sockeye salmon. Beginning in the third week of July, when pink salmon stocks begin to enter the fishery in large numbers, management emphasis shifts by regulation to pink salmon. The District 101 Pink Salmon Management Plan sets gillnet fishing time in relation to the District 101 purse seine fishing time when both fleets are concurrently harvesting the same pink salmon stocks.

In 2000, the District 101 gillnet fishery was managed conservatively in recognition of the modest run of Nass sockeye forecasted and the need to repay an “overage”, currently estimated at approximately 50 thousand Nass sockeye carried forward from the 1999 season. The district was opened for an initial 2-day fishing week beginning 18 June (Week 26) followed by openings of 2-days, 4-days, 3-days, and 4-days in Weeks 27, 28, 29, and 30, respectively. Sockeye, chum, and coho harvests during these openings were well below average. The cumulative sockeye harvest prior to the District 1 Pink Salmon Management Plan was 52,567 fish, or 56% of the season’s total sockeye harvest.

The fishery was managed according to the Pink Salmon Management Plan from Week 31 through Week 36. Based on the reasonably strong return of pink salmon to District 101, 4-day openings in Weeks 31-32 and 5-day openings in Weeks 33-35 were allowed. During this time the effort (boat-days) was well below average as were the sockeye, pink, chum, and coho salmon harvests.

From 3 September (Week 37) to 18 September (Week 39), the fishery was managed on the strength of the fall chum and coho returns. Chum and coho harvests were below average.

A total of 94,651 sockeye salmon were harvested in the District 101 drift gillnet fishery in 2000 (Table 5). The sockeye harvest and effort were below the 1985-1999 average. However, the fishing hours allowed was above average. The final targeted number of Nass sockeye will not be available until catch, escapement, and stock composition estimates are finalized for the year.

## **District 106 Drift Gillnet Fishery**

For 2000, the Districts 106 drift gillnet fishery harvested approximately 157 thousand pink, 200 thousand chum, 90 thousand sockeye, 96 thousand coho, and 1 thousand chinook salmon (Table 6).

## **Annette Island Reserve Fisheries**

For the season, the Annette Island purse seine fishery harvested approximately 713 thousand pink, 32 thousand chum, 11 thousand sockeye, and 4 thousand coho, and 2 thousand chinook salmon (Table 7). The Annette Island gillnet fishery harvested approximately 205 thousand pink, 133 thousand chum, 12 thousand sockeye, 14 thousand coho, and 3 thousand chinook salmon (Table 8).

## **Pink, Sockeye, and Chum Salmon Escapements**

The 2000 pink salmon escapement indices (Table 9) were below the 1990-1999 average in all but two of nine stock groups in Districts 101-104. The escapement index for the Hetta stock group (District 103) was above average and the Kasaan stock group (District 102) was average. Escapement indices for eight of nine stock groups in Districts 105-108 were also below average. Affleck Canal (District 105) was the only stock group in this area above average. The District 101 pink salmon escapement index was 1.88 million fish, just below the lower goal of 2.0 million. The District 102 pink salmon escapement index of 1.12 million fish was at the upper goal of 1.10 million pink salmon. The District 103 pink salmon escapement index of 1.77 million fish was just above the lower goal limit of 1.70 million pink salmon. The District 105 pink salmon escapement index of 0.58 million fish was within the goal limit of 0.50 - 0.65 million pink salmon. The District 106 pink salmon escapement index of 0.32 million fish was below the lower goal limit of 0.60 million pink salmon. The District 107 pink salmon index escapement of 0.46 million fish was below the lower goal limit of 0.60 million pink salmon. When summed across Districts 101-108, escapement indices totaled 6.15 million, within the 6.0 – 9.0 million range for the southern Southeast Alaska sub-region.

Programs to estimate escapements of sockeye salmon were in place for four systems in southern Southeast Alaska in 2000, Hugh Smith, McDonald, Salmon (Karta), and Klawock Lakes. The sockeye escapement to Hugh Smith Lake was 4,283 based on weir and mark-recapture counts. The escapement of sockeye salmon into McDonald Lake was estimated to be 90,623 based on expanded foot surveys. Approximately 35,811 McDonald Lake sockeye were harvested in a directed seine fishery in West Behm Canal with a total commercial harvest estimated at 86,924 sockeye and a total run of 177,547. Salmon Lake escapement was estimated at 9,103 based on expanded foot surveys. A total of 9,428 sockeye salmon were counted through the Klawock River weir.

Escapements of summer and fall run chum salmon were generally well distributed throughout southern Southeast Alaska. Index counts averaged about 30% above the 1990-1999 average. The escapement of chum salmon into Fish Creek at the head of Portland Canal was estimated to be 25,282 based on expanded foot survey counts.

### ***Management Performance Relative to Treaty Requirements***

#### **District 104 Purse Seine Fishery**

The June 30, 1999 revision of the Pacific Salmon Treaty Agreement calls for the implementation of abundance based management in the District 104 purse seine fishery. The agreement allows the District 104 purse seine fishery to harvest 2.45 percent of the Annual Allowable Harvest (AAH) of Nass and Skeena sockeye prior to statistical week 31. The AAH is calculated as the total run of Nass and Skeena sockeye salmon minus either the escapement requirement of 1.1 million or the actual in-river escapement, whichever is less.

As background, this 2.45% AAH value was based on the weighted-average percent of the Nass and

Skeena sockeye AAH that would have been harvested in this fishery, during the 1985-1996 period, if the annual pre-week 31 harvest had been exactly 120,000 sockeye salmon. The Alaska Department of Fish and Game's (ADF&G) management intent is to harvest Nass and Skeena sockeye salmon at the allowable AAH percentage. The Treaty recognizes that overages and underages will occur and provides an overage/underage provision intended to hold the Parties accountable for their catch shares but permit a reasonable degree of management flexibility.

The final targeted number of Nass/Skeena sockeye will not be available until catch, escapement, and stock composition estimates are finalized for the year.

### **District 101 Tree Point Drift Gillnet Fishery**

The June 30, 1999 revision of the Pacific Salmon Treaty Agreement calls for abundance based management of the District 101 (Tree Point) drift gillnet fishery. The agreement allows the District 101 gillnet fishery to harvest 13.8 percent of the Annual Allowable Harvest (AAH) of Nass River sockeye run. For 2000, DFO had forecasted a total run of 800 thousand Nass River sockeye salmon. The AAH is calculated as the total run of Nass sockeye salmon minus either the escapement requirement of 200 thousand, or the actual in-river escapement, whichever is less.

As background, this 13.8% AAH value was based on the weighted-average percent of the Nass sockeye run that was harvested in this fishery during years 1985-1997. The ADF&G management intent is to harvest Nass sockeye salmon at the allowable AAH percentage. The Treaty recognizes that overages and underages will occur and provides an overage/underage provision intended to hold the Parties accountable for their harvest shares while permitting a reasonable degree of management flexibility.

The final targeted number of Nass sockeye will not be available until catch, escapement, and stock composition estimates are finalized for the year.

### ***2001 Salmon Forecast for Southern Southeast Alaska***

The 2001 pink salmon return to Southeast Alaska is expected to be strong. The Alaska Department of Fish and Game's forecast is for a total adult return estimate of between 55.0 and 85.0 million, an escapement goal range of between 24.0 and 40.0 million, and a harvest estimate of between 31.0 and 51.0 million pink salmon in all of Southeast Alaska in 2001. Separate forecasts for northern and southern Southeast Alaska show strong returns throughout all areas. The estimated return distribution between southern and northern Southeast Alaska is 57% and 43%, respectively.

Formal forecasts are not made for species other than pink salmon in Southeast Alaska. However, returns of coho, sockeye, and chum salmon are projected to be good, comparable to the levels observed in recent years. The return of sockeye salmon to McDonald Lake in 2000 is estimated to be below normal.

## NORTHERN BRITISH COLUMBIA

### *2000 Salmon Forecast*

#### **Area 1 Expectations**

**Sockeye** There are no commercially significant local sockeye stocks in Area 1.

**Pink** Area 1 forecast was 580 thousand pink salmon, not expected to provide an Area 1 net fishery.

**Chum** A small gillnet assessment fishery was expected in Masset Inlet, though no surplus was expected.

**Fishing Plans** No directed net fisheries on local or passing stocks are planned for 2000. An Area 1 troll pink selective fishery is planned for western Dixon Entrance with an allowance for retention of pink and sockeye only.

#### **Area 3 Expectations**

**Sockeye** An average sockeye return to Canada of 800 thousand was expected.

**Pink** A below average Nass pink return of 500 thousand was expected.

**Chum** Area 3 chum stocks remain at or below target levels (forecasted at 46 thousand). Little or no targeted fishing was anticipated in 2000.

**Fishing Plans** A modest sockeye and pink fishery was anticipated in Area 3 in 2000.

#### **Area 4 Expectations**

**Sockeye** The Skeena sockeye return was forecast to be 2.25 million.

**Pink** A well below average Skeena pink return was forecast for 2000 as a result of low brood year escapement levels. No commercial fisheries were expected in 2000.

**Chum** Skeena chum escapements are severely depressed and there were no targeted fisheries on chum salmon expected in 2000.

**Fishing Plans** Domestic management initiatives to respond to coho conservation concerns and poor pink returns were the key factors in developing 2000 management plans.

#### **Area 5 Expectations**

**Sockeye** A small local sockeye surplus was expected.

**Pink** Local Area 5 pink returns in 2000 were expected to produce a surplus of about 300 thousand for harvest.

**Chum** Local chum stocks are depressed, and no surplus was anticipated.

**Fishing Plans** Area 5 fishing patterns were based largely on the abundance of local sockeye and pink stocks, Skeena coho conservation concerns, and the poor returns of Skeena pink salmon.

## *Review of 2000 Fishing Season - Net and Troll Fisheries*

### **Area 1**

The limited Area 1 net fishery was confined to June 27 in the Langara Island region off the Northwest corner of the Queen Charlotte Islands and concentrated on passing sockeye and pink salmon bound mainly for the Skeena River. All coho and chinook were released. A total of 13 boat-days of effort was put forth by the fleet. The weekly 2000 catch statistics for the Area 1 gillnet fishery is provided in Table 10. Management units (sub-areas) of Statistical Area 1 are outlined in Figure 3.

### **Area 3**

Management units (sub-areas) of Statistical Area 3 are outlined in Figure 5. In recent years, the Area 3 sockeye gillnet fishery has started in mid-June. Since 1994 in-season escapement estimates have been provided by the Nisga'a fishwheel operations conducted in the lower Nass River approximately five miles upstream from the old Nass test fishery site. In addition to the fishwheel estimates, catches in local Native food fisheries, and Canadian and Alaskan commercial fisheries were utilized in determining Nass sockeye run strength.

In general, the Area 3 net fishery was managed for Nass sockeye salmon until mid-July after which the outer Area 3 fishery was managed based on Nass and Skeena pink, Skeena sockeye and North Coast coho stock abundance. The inside Area 3 net fishery was managed for Nass sockeye, pink, and chum abundance from mid-July to late August or early September. In 2000, all Area 3 net fisheries operated with a non-retention, non-possession restriction for coho and were further restricted to daylight only fishing times. In addition, the majority of the outer portions of Area 3 were closed for the season.

Weekly 2000 sales slip catch data by gear type for Area 3 are presented in Tables 12 to 15. The 2000 Area 3 gillnet fishery began on 13 June (Week 25) with one 16-hour opening to assess Nass River sockeye run strength. Due to concerns for upper Skeena coho stocks, sub-area 3-1 was closed to net and troll fishing for the season and sub-area 3-2, southern portions of 3-3 and the entire 3-4 were closed to net fishing after 19 July. The gillnet fleet fished 154 boat-days during Week 25 for a sockeye catch of 3,168.

During Week 26, two more 16-hour fishing periods were permitted to assess the incoming sockeye run. Sockeye catch was 23,743 while effort levels increased to 456 boat-days.

In Weeks 27 and 28, a total of eight 16-hour fishing periods were scheduled for gillnets as the Nass sockeye return improved substantially. Sockeye catches were above average for both weeks with 47,431 (333 boat-days of effort) in Week 27 and 56,274 (321 boat-days of effort) in Week 28. By the end of Week 28 the Nass sockeye escapement to date estimate had increased to 147,093 which was above the target to date of 95,769. Also the Bayes run size projection had increased to 870 thousand largely due to the exceptional sockeye catches at Tree Point.



Four 15-hour fisheries were scheduled for gillnets and seines in response to strong sockeye returns to the Nass and Skeena systems during Week 29. Catches for the gillnet fleet declined significantly from previous weeks with an effort of 87 boat-days harvesting 15,433 sockeye and 4,738 pinks. With an effort of 124 vessel days, seines caught 17,627 sockeye, 53,781 pink and 22,169 chum. The Bayes run size projection continued to increase to 910 thousand, again largely due to the Tree Point sockeye catch.

In Week 30, four 15-hour fishing periods were conducted for both gillnets and seines to harvest the surplus Nass and Skeena sockeye. Between 20 and 24 July the gillnet fleet was restricted to sub-areas 3-2, 3-3 and 3-4 in order to relieve the fishing pressure on Nass stock and focus on the very abundant Skeena sockeye return. A total of 46 gillnet boat-days of effort harvested 17,085 sockeye and 3,239 pink salmon while seines used 87 boat-days of effort to catch 25,378 sockeye and 51,708 pink salmon. By Week 30 the Bayes run size estimate decreased to 700 thousand Nass sockeye, while it became apparent that pink salmon abundance in Northern British Columbia was much poorer than the pre-season forecast.

For Week 31, two and four 15-hour fishing periods were scheduled for gillnets and seines, respectively. While in Week 32, three 15-hour fishing periods were scheduled for both gillnets and seines. During Week 31, the gillnet fleet fished 284 boat-days to catch 25,764 sockeye and 65,927 pink salmon. During the same week the seine fleet fished 18 boat-days and harvested 7,131 sockeye and 28,715 pink. Gillnet effort increased to 303 boat-days in Week 32 with a sockeye catch of 23,521 and a pink catch of 67,205 fish. Meanwhile, seines fished 39 boat-days and harvested 23,292 sockeye and 79,150 pinks in Week 32. The Bayes run size estimate peaked in Week 31 at 970 thousand and declined slightly to 930 thousand in Week 32.

During Week 33, two and three 13-hour fishing periods were scheduled for gillnets and seines respectively, while in Week 34, one 13-hour fishing period was scheduled for both gillnets and seines. Gillnet effort declined from 140 boat-days in Week 33 to 33 boat-days in Week 34 while seine effort began at 21 boat-days in Week 33 and dropped to 2 in Week 34. Gillnet catch for Week 33 was 6,290 sockeye and 26,388 pink while the seine fleet retained 9,211 sockeye and 42,632 pink. Sockeye and pink catches declined for gillnets and seines in Week 34, with a gillnet catch of 168 sockeye and 1,351 pink, and 397 sockeye and 4,904 pink for seines. The last fishing date for both gillnets and seines was August 13.

The gillnet and seine sockeye catches of 222,497 and 82,807, respectively, were a bit higher than the expected pre-season levels. The catch of pink salmon by gillnets (179,811) and seines (243,283) was well below the anticipated harvest, as returns to Canada were much weaker than anticipated. Of the total Area 3 pink net catch, 17.9% (75,751) was taken in sub-areas 3-1 to 3-4. This is well below the 1973-1984 average of 73% and 1985-98 average of 61%, and even the 40% taken in 1999. For gillnets there was a total of 2,155 boat-days effort. The total Area 3 seine effort of 292 boat-days is well below the 1973-1984 average of 1,102 boat-days and the 1985-1998 average of 1,257 boat-days. In 2000, 42 percent of the total seine effort was expended in sub-areas 3-1 to 3-4, which is well below the 1973-1984 average of 68 percent and 1985 to 1998 average of 71 percent.

Final sockeye escapement estimates to the Nass were estimated to be 209,224. Pink escapements to Area 3 were below target levels for many stocks with a total escapement of 322,990. Chum escapements to Area 3 were poor in 2000 with an estimate of 20,718. Table 23 outlines escapements for 2000.

#### **Area 4**

The 2000 fishing plan for Area 4 was developed primarily to address concerns for upper Skeena coho and sockeye stocks. In-season abundance was determined by the Skeena test fishery, harvest rate and CPUE models, native food fish catches and commercial catches in Area 4 and other fishing areas in Northern BC and in southern Southeast Alaska. Skeena sockeye returns were forecast to be poor with limited fishing opportunities directed on sockeye anticipated pre-season. As the sockeye season progressed it became apparent that sockeye returns were exceeding expectations and fishing effort was increased to intercept surplus fish. Summaries of the 2000 gillnet and seine weekly catch and effort are provided in Tables 16 and 17.

The Area 4 gillnet fishery began on 10 June (Week 24) with one 24-hour opening scheduled to harvest Skeena chinook salmon. Effort levels were average for this fishery (109 boat-days) while chinook catches were slightly better than average. In Week 25, an additional 24-hour opening was conducted, with an effort of 131 boat-days. Total catch for the two openings was 4,443 chinook.

The directed sockeye gillnet fishery began during Week 27 (27 June), with four 16-hour openings. A total effort of 967 boat-days yielded a catch of 89,918 sockeye, 4,113 chum and 4,882 large chinook. Early indications of a stronger than expected sockeye run were apparent by this time.

With strong sockeye returns, Week 28 had another four 16-hour openings for gillnets. Total catch for the gillnet effort of 1,131 boat-days was 221,395 sockeye, 6,261 chum and 4,132 chinook.

Continued strong sockeye returns allowed for four 15-hour gillnet openings during Week 29, with catches of 282,134 sockeye, 4,063 chum and 2,247 large chinook. Effort by the gillnet fleet for this week was 1,219 boat-days. Pink catches to date remained very low. The seine fleet was given their first opportunity to fish Area 4 during Week 29, beginning 14 July. The two 15-hour openings produced a retained catch of 57,217 sockeye. Coho and chinook were non-retention, non-possession species for the entire seine season, with mandatory brailing and release of non-target species.

Week 30 saw continued strong sockeye returns, allowing four 15-hour openings for both gillnet and seine fleets. The gillnet fleet fished 1,400 boat-days and caught 596,205 sockeye, 26,012 pink, 4,761 chum and 1,870 large chinook, while the seine fleet retained 234,064 sockeye, 21,740 pink and 3,842 chum with an effort of 135 boat-days.

Skeena sockeye returns maintained a return rate well above forecast levels and large surpluses continued to be available to the net fleet in Week 31. Due to continued conservation measures

required to minimize coho interception, the main gillnet fishery was closed for the remainder of the season on 21 July, two days past the anticipated coho conservation closure date. A gillnet test fishery designed to investigate gillnetting methods that reduce coho mortality was initiated on 28 July and continued to 8 August, with a 20-boat average, fishing for 10 days during that period. The test fishery was restricted to the inside portion of Area 4 (Sub-areas 4-9, 12 and 15). The seine fleet, with restrictions to lower the mortality rate on non-target species, was granted five 15-hour openings during Week 31. Seines fished 281 boat-days of effort and retained 301,977 sockeye, 61,986 pink and 814 chum during the week.

The outside portion of Area 4 was closed for the rest of the season as of 3 August, leaving only sub-areas 4-9, 12 and 15 open to the seine fleet. Three 15-hour fisheries were granted during Week 32, with an observed effort of 98 boat-days catching 127,016 sockeye and 119,008 pink.

Week 33 was the final fishing week for the seine fleet, with two 15-hour openings to intercept the continued strong showing of enhanced Skeena sockeye. An effort of 30 boat-days by seines retained 29,925 sockeye, 54,949 pink and 639 chum. The gillnet test fishery ended this week.

Gillnets fished a total of 18.6 days with a total of 5,150 gillnet boat-days compared to the 1990-99 average of 19.7 fishing days and 8,705 gillnet boat-days. Total catch for the fleet was 1,243,128 sockeye, 57,894 pink, 19,903 chum and 17,728 large chinook. The seine fleet fished for 9.9 days in 2000, for a total effort of 595 boat-days and a total catch of 750,198 sockeye, 259,709 pink and 7,021 chum.

The Skeena sockeye escapement estimate of 1,482,252 was well above the spawning target of 900 thousand. Although the enhanced portion of the run was strong, there continues to be concerns regarding the health of some wild non-Babine stocks (Morice Lake, Kitwanga Lake). The Skeena pink escapement of 260,481 was well below the minimum escapement target of 1.0 million while the chum escapement estimate of 4,650 was well below target also. Table 23 provides the 2000 spawning escapements for Area 4.

## **Area 5**

Management of the Area 5 fishery during July was based on coho concerns and Skeena sockeye abundance with sub-area closures to protect depressed local sockeye stocks. From late July to early August, the fishery targets Skeena pink stocks which use Area 5 as a migration route. In mid to late August, fisheries were managed for local pink stocks.

In 2000, there were sixteen gillnet openings scheduled for Area 5 to intercept the abundance of Skeena sockeye. Over the course of the season the fleet of 251 fished for 10.1 days, with an effort of 164 boat-days. The total catch was 17,976 sockeye, 8,755 pink, 2,349 chum and 68 large chinook. Meanwhile, the seine fleet fished for 11.1 days, with 85 vessels accounting for 53 boat-days of effort and retaining 11,599 sockeye, 23,468 pink and 3,205 chum. Tables 18 and 19 provide the weekly total catch and effort for gillnets and seines in 2000.

2000 escapement information for Area 5 is provided in Table 23.

## **Area 1 Pink Troll Fishery**

The Area 1 pink troll fishery intercepted 48,832 pink in 2000. There was an experimental pink troll fishery conducted 15-31 July in which a small fleet of five vessels attempted to harvest pink salmon while minimizing the by-catch of coho. A second opening, directed at pink salmon, took place from 22-31 August with specific gear and area restrictions to reduce coho interception.

### ***Management Performance Relative to Treaty Requirements***

## **Areas 3-1 to 4 Pink Net Catch**

For 2000, Canada was to manage the 3-1 to 3-4 net fishery to achieve an annual catch share of 2.49 percent of the annual allowable harvest (AAH) of Alaskan Districts 101, 102 and 103 pink salmon production. The AAH for 2000 was 12,128,893 providing a Canadian catch allowance (2.49 %) of 302,009 Alaskan pink salmon (Table 20). The Canadian pink catch in 2000 in Sub-areas 3-1 to 3-4 was 75,752 and the Alaska stock component of this was estimated to be 56,772. The Canadian harvest was 245,238 under the allowable AAH target catch with a cumulative “underage” for the current annex period of 47,971.

The Canadian pink returns were much better than expected, and escapements to the Skeena and Nass areas generally met or exceeded targets.

## **Area 1 Pink Troll Fishery**

For 2000, Canada was to manage the commercial troll fishery in Area 1 to achieve an annual catch share of 2.57 percent of the annual allowable harvest (AAH) of Alaskan Districts 101, 102 and 103 pink salmon production. The AAH for 2000 was 12,128,893 providing a Canadian catch allowance (2.57 %) of 311,713 Alaskan pink salmon (Table 21). The Canadian commercial pink troll fishery in Area 1 was limited to specific areas and times, along with gear restrictions, to address conservation concerns for wild coho and West Coast Vancouver Island chinook stocks. The total pink salmon harvest for the Area 1 troll fleet was 48,832 pieces, of which 37,290 were of Alaskan origin. The Canadian Area 1 Troll harvest was 274,422 pieces under the target AAH with a cumulative “underage” for the current annex period of 1,337,477.

### ***2001 Salmon Forecast Northern British Columbia***

## **Area 1 Expectations**

**Sockeye** There are no commercially significant local sockeye stocks in Area 1

**Pink** A modest surplus of between 50 thousand and 100 thousand is anticipated for Masset Inlet.

**Chum** A small gillnet assessment fishery is expected in Masset Inlet

**Fishing Plans** A limited gillnet opening in sub-area 1-3 is proposed to assess the run strength of chum salmon migrating through Masset Inlet. Further openings for gillnet will

depend on run strength. No seine opening is anticipated. There may be a small pink salmon troll test fishery to assess methods for reducing incidental coho catch and mortality, with further openings dependent on results.

### **Area 3 Expectations**

**Sockeye** A total Nass sockeye return of 740 thousand is expected to provide an Area 3 commercial harvest of 200 thousand. In addition, a catch of 100 thousand Skeena sockeye is anticipated in 2001

**Pink** A Nass pink return of 1.0 million is expected to provide an Area 3 catch of 650 thousand. No contribution is anticipated by Skeena pink stocks, as the 2001 forecast is very poor, although a modest incidental harvest of 650 thousand Alaskan pinks is anticipated.

**Chum** Area 3 chum stocks remain below target levels. No targeted fishing is anticipated.

**Fishing Plans** A modest sockeye and pink fishery was anticipated in Area 3 in 2001.

### **Area 4 Expectations**

**Sockeye** The Skeena sockeye total return is forecast to be 2.8 million providing a harvest opportunity for 1.3 million.

**Pink** A Skeena pink return of over 3.0 million is expected to provide a surplus of 1.3 million for 2001.

**Chum** Skeena chum escapements are depressed and there will be no targeted fisheries on chum salmon.

**Fishing Plans** Domestic management initiatives to respond to coho and wild sockeye concerns are the key factors in developing 2001 management plans.

### **Area 5 Expectations**

**Sockeye** A catch of about 100 thousand Skeena and 35 thousand Area 5 sockeye is anticipated in 2001.

**Pink** Local Area 5 pink returns in 2001 are expected to produce a surplus of about 350 thousand for harvest, along with a similar catch of passing Area 4 stocks.

**Chum** Local chum stocks are depressed, and no surplus is anticipated.

**Fishing Plan** Area 5 fishing patterns will be based largely on the abundance of local pink stocks, Skeena coho concerns and the poor returns of Skeena sockeye and pink salmon.

A summary of the 2001 forecasts for Areas 1, 3, 4 and 5 are provided in Table 23.



## TABLES

Table 1. Weekly commercial catch and fishing effort by opening in the 2000 Alaska District 101 purse seine fishery.

Week/ Opening	Openings			Closures			Effort			Catch					
	Day	Date	Time	Day	Date	Time	Hours	Boats	Boat Hours	Chinook	Sockeye	Coho	Pink	Chum	Total
28	Sunday	7/2	5:00 AM	Sunday	7/2	8:00 PM	15	4	60	0	146	36	7,315	2,298	9,795
28B	Wednesday	7/5	5:00 AM	Wednesday	7/5	8:00 PM	15	15	225	0	1,285	267	56,019	34,260	91,831
29	Sunday	7/9	5:00 AM	Sunday	7/9	8:00 PM	15	31	465	12	1,719	253	58,895	31,412	92,291
29B	Wednesday	7/12	5:00 AM	Wednesday	7/12	8:00 PM	15	25	375	0	1,021	551	43,426	37,969	82,967
30	Sunday	7/16	5:00 AM	Sunday	7/16	8:00 PM	15	43	645	0	9,774	1,191	116,602	85,089	212,656
30B	Wednesday	7/19	5:00 AM	Wednesday	7/19	8:00 PM	15	89	1,335	0	8,341	778	185,958	93,239	288,316
31	Sunday	7/23	5:00 AM	Sunday	7/23	8:00 PM	15	119	1,785	0	42,755	1,164	369,921	132,951	546,791
31B	Wednesday	7/26	5:00 AM	Wednesday	7/26	8:00 PM	15	127	1,905	0	13,800	1,745	324,098	49,738	389,381
32	Sunday	7/30	5:00 AM	Sunday	7/30	8:00 PM	15	88	1,320	0	20,359	930	196,506	11,584	229,379
32B	Wednesday	8/2	5:00 AM	Wednesday	8/2	8:00 PM	15	68	1,020	2	16,464	783	224,829	72,031	314,109
33	Sunday	8/6	5:00 AM	Monday	8/7	8:00 PM	39	38	1,482	38	4,441	1,867	440,122	16,185	462,653
33B	Thursday	8/10	5:00 AM	Friday	8/11	8:00 PM	39	37	1,443	12	2,142	1,520	364,440	15,206	383,320
34	Monday	8/14	6:00 AM	Tuesday	8/15	9:00 PM	39	36	1,404	6	708	1,041	265,149	19,901	286,805
34B	Friday	8/18	6:00 AM	Saturday	8/19	9:00 PM	39	42	1,638	3	2,711	1,904	262,043	16,891	283,552
35	Tuesday	8/22	6:00 AM	Wednesday	8/23	9:00 PM	39	41	1,599	3	1,129	2,504	194,931	12,042	210,609
35B	Saturday	8/26	6:00 AM	Saturday	8/26	9:00 PM	15	21	315	0	315	743	48,065	4,026	53,149
<b>Season Total</b>							<b>360</b>	<b>824</b>	<b>17,016</b>	<b>76</b>	<b>127,110</b>	<b>17,277</b>	<b>3,158,319</b>	<b>634,822</b>	<b>3,937,604</b>

Table 2. Weekly commercial catch and fishing effort by opening in the 2000 Alaska District 102 purse seine fishery.

Week/ Opening	Openings			Closures			Effort			Catch					
	Day	Date	Time	Day	Date	Time	Hours	Boats	Boat Hours	Chinook	Sockeye	Coho	Pink	Chum	Total
27	Sunday	6/25	5:00 AM	Wednesday	6/28	8:00 PM	87	18	1,566	0	1,258	1,021	1,723	3,377	7,379
28	Sunday	7/2	5:00 AM	Wednesday	7/5	8:00 PM	87	3	261	0	1,076	469	782	5,524	7,851
29	Sunday	7/9	5:00 AM	Sunday	7/9	8:00 PM	15	4	60	0	213	178	398	2,641	3,430
29B	Wednesday	7/12	5:00 AM	Wednesday	7/12	8:00 PM	15	3	45	0	802	332	753	6,300	8,187
30	Sunday	7/16	5:00 AM	Sunday	7/16	8:00 PM	15	14	210	0	1,878	1,256	4,234	22,805	30,173
30B	Wednesday	7/19	5:00 AM	Wednesday	7/19	8:00 PM	15	10	150	0	2,180	1,054	8,212	25,372	36,818
31	Sunday	7/23	5:00 AM	Sunday	7/23	8:00 PM	15	19	285	0	3,288	2,133	35,969	41,123	82,513
31B	Wednesday	7/26	5:00 AM	Wednesday	7/26	8:00 PM	15	5	75	0	1,067	416	9,850	14,755	26,088
32	Sunday	7/30	5:00 AM	Sunday	7/30	8:00 PM	15	13	195	0	1,640	964	43,203	11,753	57,560
32B	Wednesday	8/2	5:00 AM	Wednesday	8/2	8:00 PM	15	22	330	0	2,280	1,156	156,869	12,229	172,534
33	Sunday	8/6	5:00 AM	Monday	8/7	8:00 PM	39	64	2,496	43	8,412	4,541	750,564	35,965	799,525
33B	Thursday	8/10	5:00 AM	Friday	8/11	8:00 PM	39	43	1,677	34	4,404	2,973	478,002	20,185	505,598
34	Monday	8/14	6:00 AM	Tuesday	8/15	9:00 PM	39	43	1,677	2	2,086	2,079	326,599	27,155	357,921
34B	Friday	8/18	6:00 AM	Saturday	8/19	9:00 PM	39	53	2,067	1	1,770	2,551	425,897	57,231	487,450
35	Tuesday	8/22	6:00 AM	Wednesday	8/23	9:00 PM	39	55	2,145	2	832	2,933	280,017	53,366	337,150
35B	Saturday	8/26	6:00 AM	Saturday	8/26	9:00 PM	15	57	855	1	278	1,838	132,803	32,042	166,962
38	Sunday	9/10	7:00 AM	Tuesday	9/11	7:00 PM	36	64	2,304	0	75	1,989	8,394	46,838	57,296
38B	Thursday	9/14	7:00 AM	Monday	9/18	9:00 PM	110	62	6,820	0	28	1,090	2,786	118,380	122,284
39	Friday	9/22	7:00 AM	Saturday	9/23	11:59 PM	41	40	1,639	1	3	477	15	13,488	13,984
40	Sunday	9/24	12:00 AM	Saturday	9/30	11:59 PM	168	21	3,528	0	0	83	9	37,672	37,764
41	Sunday	10/1	12:00 AM	Saturday	10/7	11:59 PM	168	7	1,176	0	0	16	0	6,560	6,576
42	Sunday	10/8	12:00 AM	Saturday	10/14	11:59 PM	168			Confidential information, less than 3 boats fishing					
43	Sunday	10/15	12:00 AM	Saturday	10/21	11:59 PM	168	0	0	0	0	0	0	0	0
44	Sunday	10/22	12:00 AM	Saturday	10/28	11:59 PM	168	0	0	0	0	0	0	0	0
45	Sunday	10/29	12:00 AM	Saturday	11/4	11:59 PM	168	0	0	0	0	0	0	0	0
46	Sunday	11/5	12:00 AM	Saturday	11/11	11:59 PM	168	0	0	0	0	0	0	0	0
47	Sunday	11/12	12:00 AM	Saturday	11/18	7:00 PM	163	0	0	0	0	0	0	0	0
<b>Season Total</b>							<b>2,030</b>	<b>622</b>	<b>29,897</b>	<b>84</b>	<b>33,570</b>	<b>29,549</b>	<b>2,667,079</b>	<b>597,022</b>	<b>3,327,304</b>



Table 3. Weekly commercial catch and fishing effort by opening in the 2000 Alaska District 103 purse seine fishery.

Week/ Opening	Openings			Closures			Effort			Catch					
	Day	Date	Time	Day	Date	Time	Hours	Boats	Boat Hours	Chinook	Sockeye	coho	Pink	Chum	Total
31B	Wednesday	7/26	5:00 AM	Wednesday	7/26	8:00 PM	15			Confidential information, less than 3 boats fishing					
32	Sunday	7/30	5:00 AM	Sunday	7/30	8:00 PM	15			Confidential information, less than 3 boats fishing					
32B	Wednesday	8/2	5:00 AM	Wednesday	8/2	8:00 PM	15	3	45	0	281	204	10,112	800	11,397
33	Sunday	8/6	5:00 AM	Monday	8/7	8:00 PM	39	12	468	3	1,696	775	87,209	12,537	102,220
33B	Thursday	8/10	5:00 AM	Friday	8/11	8:00 PM	39	56	2,184	44	5,554	3,623	752,908	42,897	805,026
34	Monday	8/14	6:00 AM	Tuesday	8/15	9:00 PM	39	67	2,613	0	4,895	3,368	600,133	43,363	651,759
34B	Friday	8/18	6:00 AM	Saturday	8/19	9:00 PM	39	46	1,794	2	1,617	3,104	363,741	47,537	416,001
35	Tuesday	8/22	6:00 AM	Wednesday	8/23	9:00 PM	39	52	2,028	6	1,381	5,226	328,457	38,444	373,514
35B	Saturday	8/26	6:00 AM	Saturday	8/26	9:00 PM	15	18	270	0	97	252	63,682	7,220	71,251
<b>Season Total</b>							<b>255</b>	<b>258</b>	<b>9,462</b>	<b>55</b>	<b>16,624</b>	<b>17,219</b>	<b>2,208,244</b>	<b>196,073</b>	<b>2,438,215</b>

Table 4. Weekly commercial catch and fishing effort by opening in the 2000 Alaska District 104 purse seine fishery.

Week/ Opening	Openings			Closures			Effort			Catch					
	Day	Date	Time	Day	Date	Time	Hours	Boats	Boat Hours	Chinook	Sockeye	Coho	Pink	Chum	Total
28	Sunday	7/2	8:00 AM	Sunday	7/2	8:00 PM	12	18	216	2	3,007	1,816	3,386	17,438	25,649
28B	Wednesday	7/5	8:00 AM	Wednesday	7/5	8:00 PM	12	8	96	0	2,786	481	1,296	8,480	13,043
29	Sunday	7/9	8:00 AM	Sunday	7/9	8:00 PM	12	14	168	0	8,506	1,152	2,577	10,517	22,752
29B	Wednesday	7/12	5:00 AM	Wednesday	7/12	8:00 PM	15	38	570	1	14,079	2,661	6,096	16,463	39,300
30	Sunday	7/16	5:00 AM	Sunday	7/16	8:00 PM	15	27	405	0	13,144	3,679	7,665	11,568	36,056
30B	Wednesday	7/19	5:00 AM	Wednesday	7/19	8:00 PM	15	36	540	0	7,447	3,526	10,345	10,267	31,585
31	Sunday	7/23	5:00 AM	Sunday	7/23	8:00 PM	15	25	375	0	16,967	4,995	41,861	18,095	81,918
31B	Wednesday	7/26	5:00 AM	Wednesday	7/26	8:00 PM	15	56	840	0	49,078	9,069	92,193	30,816	181,156
32	Sunday	7/30	5:00 AM	Sunday	7/30	8:00 PM	15	75	1,125	18	38,147	11,666	258,211	42,275	350,317
32B	Wednesday	8/2	5:00 AM	Wednesday	8/2	8:00 PM	15	78	1,170	0	37,071	17,119	367,390	39,663	461,243
33	Sunday	8/6	5:00 AM	Monday	8/7	8:00 PM	39	62	2,418	682	25,774	9,164	502,775	50,530	588,925
33B	Thursday	8/10	5:00 AM	Friday	8/11	8:00 PM	39	38	1,482	201	7,215	3,206	249,423	15,919	275,964
34	Monday	8/14	6:00 AM	Tuesday	8/15	9:00 PM	39	22	858	128	2,626	1,697	155,908	11,417	171,776
34B	Friday	8/18	6:00 AM	Saturday	8/19	9:00 PM	39	25	975	46	1,190	1,810	103,374	10,722	117,142
35	Tuesday	8/22	6:00 AM	Wednesday	8/23	9:00 PM	39			Confidential information, less than 3 boats fishing					
35B	Saturday	8/26	6:00 AM	Saturday	8/26	9:00 PM	15			Confidential information, less than 3 boats fishing					
<b>Treaty Period (Weeks 27 - 30)</b>							<b>81</b>	<b>141</b>	<b>1,995</b>	<b>3</b>	<b>48,969</b>	<b>13,315</b>	<b>31,365</b>	<b>74,733</b>	<b>168,385</b>
<b>Season Total</b>							<b>351</b>	<b>524</b>	<b>11,292</b>	<b>1,078</b>	<b>227,039</b>	<b>72,056</b>	<b>1,803,888</b>	<b>294,360</b>	<b>2,398,421</b>

Table 5. Weekly commercial catch and fishing effort by opening in the 2000 Alaska District 101 drift gillnet fishery.

Week/ Opening	Openings			Closures			Effort			Catch					
	Day	Date	Time	Day	Date	Time	Hours	Boats	Boat Hours	Chinook	Sockeye	Coho	Pink	Chum	Total
26	Sunday	6/18	12:00 PM	Tuesday	6/20	12:00 PM	48	77	3,696	395	6,772	82	601	646	8,496
27	Sunday	6/25	12:00 PM	Tuesday	6/27	12:00 PM	48	73	3,504	265	6,644	322	1,767	7,735	16,733
28	Sunday	7/2	12:00 PM	Thursday	7/6	12:00 PM	96	55	5,280	210	13,291	697	22,363	32,171	68,732
29	Sunday	7/9	12:00 PM	Wednesday	7/12	12:00 PM	72	60	4,320	106	10,394	630	26,393	33,034	70,557
30	Sunday	7/16	12:00 PM	Thursday	7/20	12:00 PM	96	56	5,376	90	15,466	848	53,261	35,321	104,986
31	Sunday	7/23	12:00 PM	Thursday	7/27	12:00 PM	96	59	5,664	51	10,667	932	60,108	22,515	94,273
32	Sunday	7/30	12:00 PM	Thursday	8/3	12:00 PM	96	53	5,088	21	19,720	2,236	62,892	13,740	98,609
33	Sunday	8/6	12:00 PM	Friday	8/11	12:00 PM	120	54	6,480	33	9,724	2,829	119,936	14,799	147,321
34	Sunday	8/13	12:00 PM	Friday	8/18	12:00 PM	120	50	6,000	11	1,497	2,180	47,760	10,993	62,441
35	Sunday	8/20	12:00 PM	Friday	8/25	12:00 PM	120	34	4,080	0	224	1,155	13,208	10,028	24,615
36	Sunday	8/27	12:00 PM	Wednesday	8/30	12:00 PM	72	36	2,592	0	183	1,533	11,093	10,416	23,225
37	Sunday	9/3	12:00 PM	Tuesday	9/5	12:00 PM	48	29	1,392	1	26	1,361	4,167	3,395	8,950
38	Sunday	9/10	12:00 PM	Tuesday	9/12	12:00 PM	48	16	768	0	28	1,535	411	2,659	4,633
39	Sunday	9/17	12:00 PM	Tuesday	9/19	12:00 PM	48	12	576	0	15	1,869	23	1,624	3,531
<b>Season Total</b>							<b>1,128</b>	<b>664</b>	<b>54,816</b>	<b>1,183</b>	<b>94,651</b>	<b>18,209</b>	<b>423,983</b>	<b>199,076</b>	<b>737,102</b>

Table 6. Weekly commercial catch and fishing effort by opening in the 2000 Alaska District 106 drift gillnet fishery.

Week/ Opening	Openings			Closures			Effort			Catch					
	Day	Date	Time	Day	Date	Time	Hours	Boats	Boat Hours	Chinook	Sockeye	Coho	Pink	Chum	Total
26	Sunday	6/18	12:01 PM	Tuesday	6/20	12:00 PM	48	42	2,015	215	3,345	857	433	1,291	6,141
27	Sunday	6/25	12:01 PM	Tuesday	6/27	12:00 PM	48	71	3,407	298	12,282	3,444	1,176	10,068	27,268
28	Sunday	7/2	12:01 PM	Tuesday	7/4	12:00 PM	48	90	4,319	237	12,998	6,393	4,286	22,476	46,390
29	Sunday	7/9	12:01 PM	Wednesday	7/12	12:00 PM	72	98	7,054	277	19,234	14,542	9,772	52,398	96,223
30	Sunday	7/16	12:01 PM	Wednesday	7/19	12:00 PM	72	97	6,982	121	18,564	10,308	7,793	38,591	75,377
31	Sunday	7/23	12:01 PM	Tuesday	7/25	12:00 PM	48	86	4,127	22	10,795	7,453	14,220	29,197	61,687
32	Sunday	7/30	12:01 PM	Tuesday	8/1	12:00 PM	48	73	3,503	8	5,317	3,815	19,960	14,403	43,503
33	Sunday	8/6	12:01 PM	Wednesday	8/9	12:00 PM	72	63	4,535	15	5,108	6,718	43,648	9,833	65,322
34	Sunday	8/13	12:01 PM	Wednesday	8/16	12:00 PM	72	63	4,535	19	1,502	4,276	25,124	3,275	34,196
35	Sunday	8/20	12:01 PM	Wednesday	8/23	12:00 PM	72	69	4,967	0	388	8,206	18,812	3,655	31,061
36	Sunday	8/27	12:01 PM	Tuesday	8/29	12:00 PM	48	75	3,599	0	301	6,327	7,671	4,118	18,417
37	Sunday	9/3	12:01 PM	Tuesday	9/5	12:00 PM	48	80	3,839	5	197	8,401	2,905	4,740	16,248
38	Sunday	9/10	12:01 PM	Tuesday	9/12	12:00 PM	48	73	3,503	2	37	9,740	770	4,251	14,800
39	Sunday	9/17	12:01 PM	Tuesday	9/19	12:00 PM	48	53	2,543	1	8	5,727	49	1,540	7,325
<b>Season Total</b>							<b>792</b>	<b>1,033</b>	<b>58,927</b>	<b>1,220</b>	<b>90,076</b>	<b>96,207</b>	<b>156,619</b>	<b>199,836</b>	<b>543,958</b>

Table 7. Weekly commercial catch and fishing effort by opening in the 2000 Annette Island Reserve purse seine fishery.

Week/ Opening	Openings			Closures			Effort			Catch					
	Day	Date	Time	Day	Date	Time	Hours	Boats	Boat Hours	Chinook	Sockeye	Coho	Pink	Chum	Total
24	Sunday	6/4	5:00 AM	Monday	6/5	5:00 AM	24	NA	NA	0	0	0	0	0	0
24B	Tuesday	6/6	5:00 AM	Wednesday	6/7	5:00 AM	24	NA	NA	0	0	0	0	0	0
24C	Thursday	6/8	5:00 AM	Friday	6/9	5:00 AM	24	NA	NA	0	0	0	0	0	0
27	Sunday	6/25	5:00 AM	Monday	6/25	8:00 PM	15	NA	NA	50	32	5	38	8	133
27B	Thursday	6/29	5:00 AM	Thursday	6/29	8:00 PM	15	NA	NA	52	32	6	96	127	313
28	Sunday	7/2	5:00 AM	Sunday	7/2	8:00 PM	15	NA	NA	1,914	22	0	100	50	2,086
28B	Wednesday	7/5	5:00 AM	Wednesday	7/5	8:00 PM	15	NA	NA	16	63	12	469	662	1,222
28C	Friday	7/7	5:00 AM	Friday	7/7	8:00 PM	15	NA	NA	25	31	4	172	336	568
29	Monday	7/10	5:00 AM	Tuesday	7/11	8:00 PM	39	NA	NA	96	964	60	16,031	5,614	22,765
29B	Friday	7/14	5:00 AM	Friday	7/14	8:00 PM	15	NA	NA	49	458	61	14,319	3,779	18,666
30	Monday	7/17	5:00 AM	Tuesday	7/18	8:00 PM	39	NA	NA	0	1,117	116	53,212	6,625	61,070
30B	Thursday	7/20	5:00 AM	Thursday	7/20	8:00 PM	15	NA	NA	0	302	56	17,270	1,887	19,515
31	Monday	7/24	5:00 AM	Tuesday	7/25	8:00 PM	39	NA	NA	0	780	202	47,954	3,166	52,102
31B	Thursday	7/27	5:00 AM	Thursday	7/27	8:00 PM	15	NA	NA	0	2,335	193	34,555	1,952	39,035
32	Monday	7/31	5:00 AM	Tuesday	8/1	8:00 PM	39	NA	NA	0	2,251	126	65,149	1,233	68,759
32B	Thursday	8/3	5:00 AM	Thursday	8/3	8:00 PM	15	NA	NA	0	774	56	28,440	366	29,636
33	Tuesday	8/8	5:00 AM	Wednesday	8/9	8:00 PM	39	NA	NA	0	361	308	92,726	1,217	94,612
33B	Thursday	8/10	5:00 AM	Friday	8/11	8:00 PM	39	NA	NA	0	203	132	61,789	651	62,775
34	Sunday	8/13	5:00 AM	Monday	8/14	8:00 PM	39	NA	NA	0	281	158	112,457	886	113,782
34B	Wednesday	8/16	5:00 AM	Thursday	8/17	8:00 PM	39	NA	NA	0	349	368	76,620	1,597	78,934
35	Sunday	8/20	6:00 AM	Monday	8/21	9:00 PM	39	NA	NA	0	285	156	65,217	1,128	66,786
35B	Thursday	8/24	6:00 AM	Friday	8/25	9:00 PM	39	NA	NA	0	82	144	19,171	447	19,844
36	Sunday	8/27	6:00 AM	Sunday	8/27	9:00 PM	15	NA	NA	0	5	35	7,271	201	7,512
38	Thursday	9/14	6:00 AM	Thursday	9/14	9:00 PM	15	NA	NA	0	0	825	0	194	1,019
39	Sunday	9/17	6:00 AM	Sunday	9/17	9:00 PM	15	NA	NA	0	0	235	0	27	262
39B	Thursday	9/21	6:00 AM	Thursday	9/21	9:00 PM	15	NA	NA	0	0	23	0	3	26
40	Monday	9/25	6:00 AM	Monday	9/25	9:00 PM	15	NA	NA	0	0	0	0	0	0
40B	Friday	9/29	6:00 AM	Friday	9/29	9:00 PM	15	NA	NA	0	0	185	0	11	196
41	Sunday	10/1	6:00 AM	Sunday	10/1	9:00 PM	15	NA	NA	0	0	550	0	9	559
41B	Wednesday	10/4	6:00 AM	Thursday	10/5	9:00 PM	39	NA	NA	0	0	0	0	0	0
42	Sunday	10/9	6:00 AM	Sunday	10/9	9:00 PM	15	NA	NA	0	0	0	0	0	0
42B	Tuesday	10/11	6:00 AM	Wednesday	10/12	9:00 PM	39	NA	NA	0	0	0	0	0	0
Season Total							795	NA	NA	2,202	10,727	4,016	713,056	32,176	762,177

Table 8. Weekly commercial catch and fishing effort by opening in the 2000 Annette Island Reserve gillnet fishery.

Week/ Opening	Openings			Closures			Effort			Catch					
	Day	Date	Time	Day	Date	Time	Hours	Boats	Boat Hours	Chinook	Sockeye	Coho	Pink	Chum	Total
24	Monday	6/5	5:00 AM	Tuesday	6/6	5:00 AM	24	NA	NA	11	0	0	0	7	18
24B	Wednesday	6/7	5:00 AM	Thursday	6/8	5:00 AM	24	NA	NA	11	0	0	0	0	11
24C	Friday	6/9	5:00 AM	Saturday	6/10	5:00 AM	24	NA	NA	42	1	0	0	4	47
25	Sunday	6/11	12:00 PM	Friday	6/16	12:00 PM	120	NA	NA	155	92	30	385	80	742
26	Sunday	6/18	12:00 PM	Thursday	6/22	12:00 PM	96	NA	NA	242	236	71	573	224	1,346
27	Sunday	6/25	12:00 PM	Thursday	6/29	12:00 PM	96	NA	NA	758	1,337	222	2,456	8,287	13,060
28	Sunday	7/2	12:00 PM	Friday	7/7	12:00 PM	120	NA	NA	849	1,786	246	5,273	15,645	23,799
29	Sunday	7/9	12:00 PM	Friday	7/14	12:00 PM	120	NA	NA	488	2,740	237	17,638	38,227	59,330
30	Sunday	7/16	12:00 PM	Friday	7/21	12:00 PM	120	NA	NA	4	2,831	365	19,700	36,163	59,063
31	Sunday	7/23	12:00 PM	Friday	7/28	12:00 PM	120	NA	NA	0	1,663	133	15,049	19,561	36,406
32	Sunday	7/30	12:00 PM	Friday	8/4	12:00 PM	120	NA	NA	0	777	190	22,483	3,516	26,966
33	Sunday	8/6	12:00 PM	Friday	8/11	12:00 PM	120	NA	NA	0	171	338	54,421	1,486	56,416
34	Sunday	8/13	12:00 PM	Friday	8/18	12:00 PM	120	NA	NA	0	100	239	40,637	1,350	42,326
35	Sunday	8/20	12:00 PM	Friday	8/25	12:00 PM	120	NA	NA	0	38	316	15,657	1,388	17,399
36	Sunday	8/27	12:00 PM	Wednesday	8/30	12:00 PM	72	NA	NA	0	24	524	7,611	1,990	10,149
37	Sunday	9/3	12:00 PM	Wednesday	9/6	12:00 PM	72	NA	NA	0	6	971	3,341	1,029	5,347
38	Sunday	9/10	12:00 PM	Wednesday	9/13	12:00 PM	72	NA	NA	0	0	1,686	0	1,853	3,539
39	Sunday	9/17	12:00 PM	Thursday	9/21	12:00 PM	96	NA	NA	0	0	3,462	0	1,495	4,957
40	Sunday	9/24	12:00 PM	Thursday	9/28	12:00 PM	96	NA	NA	0	0	923	0	200	1,123
41	Sunday	10/1	12:00 PM	Friday	10/6	12:00 PM	120	NA	NA	0	0	3,206	0	276	3,482
42	Sunday	10/8	12:00 PM	Friday	10/13	12:00 PM	120	NA	NA	0	0	1,014	0	12	1,026
<b>Season Total</b>							<b>1,992</b>	<b>NA</b>	<b>NA</b>	<b>2,560</b>	<b>11,802</b>	<b>14,173</b>	<b>205,224</b>	<b>132,793</b>	<b>366,552</b>

Table 9. Southern Southeast Alaska pink salmon escapement indices by stock group and district for 2000.

Stock	District	Total Bias Adjusted Sum for 2000	Average 60-99	Upper 80th Percentile (60-99)	Average 90-99	Minimum Escapement Goal	Maximum Escapement Goal
Portland	101	284,817	243,589	431,101	339,306		
E Behm	101	1,222,724	1,050,751	1,501,824	1,847,100		
W Behm	101	378,030	406,401	679,762	625,905		
Kasaan	102	1,042,230	534,225	756,503	1,038,471		
Moirra	102	78,124	85,502	135,076	123,787		
E Dall	103	268,757	219,309	323,912	362,691		
Hetta	103	1,072,180	418,438	614,114	808,507		
Klawock	103	291,288	822,668	1,358,060	1,409,580		
Sea Otter Sound	103	136,431	177,189	249,195	290,473		
Affleck Canal	105	436,835	158,035	267,696	359,718		
Shipley Bay	105	141,708	148,215	185,837	374,749		
Burnett	106	138,865	79,259	111,381	189,587		
Ratz Harbor	106	57,596	80,579	113,772	181,280		
Totem Bay	106	79,467	79,032	108,778	198,172		
Whale Pass	106	45,657	107,324	205,610	238,999		
Anan	107	398,712	290,979	473,273	474,607		
Union Bay	107	61,882	79,746	132,785	139,934		
Stikine	108	12,775	23,895	46,073	42,817		
<b>Total 101</b>		1,885,571	1,700,741	2,612,687	2,812,311	2,000,000	3,000,000
<b>Total 102</b>		1,120,354	619,727	891,580	1,162,258	600,000	1,100,000
<b>Total 103</b>		1,768,655	1,637,604	2,545,282	2,871,250	1,700,000	2,550,000
<b>Total 105</b>		578,543	306,250	453,533	734,467	500,000	650,000
<b>Total 106</b>		321,585	346,193	539,541	808,038	600,000	850,000
<b>Total 107</b>		460,594	370,725	606,058	614,540	600,000	850,000
<b>SSE Total</b>		<b>6,148,077</b>	<b>5,005,134</b>	<b>7,694,754</b>	<b>9,045,681</b>	<b>6,000,000</b>	<b>9,000,000</b>

Table 10. Department of Fisheries and Oceans commercial salmon harvest report, Area 1 gillnet weekly sales slip catch, 2000.

WEEK			CATCH						BOAT	
JULIAN	STAT.	ENDING	SOCKEYE	COHO	PINK	CHUM	CHINOOK	TOTAL	HOURS	DAYS
WEEK	WEEK	DATE							OPEN	FISHED
FISHERY ON PASSING STOCKS										
27	6-4	29 JUNE	800	-	300	840	-	1,940	16	13
TOTAL FISHERY ON PASSING STOCKS			800	-	300	840	-	1,940	16	13
LOCAL FISHERY										
37	9-1	9 SEPT	0	0	0	0	0	0	24	0
38	9-2	16 SEPT	0	0	0	0	0	0	0	0
39	9-3	23 SEPT	0	0	0	0	0	0	22	1
40	9-4	30 SEPT	0	0	0	25	0	25	33	1
TOTAL LOCAL FISHERY			0	0	0	25	0	25	79	2
TOTAL AREA 1 GILLNET			800	0	300	865	0	1,965	95	15

NOTE: 2000 Catch figures are based on year-end sales slip data

DAYS FISHING: Hours of fishing are represented as a portion of a 24-hour day



Table 11. Department of Fisheries and Oceans commercial salmon harvest report, Area 1 troll weekly sales slip catch, 2000.

JULIAN WEEK	STAT. WEEK	WEEK	SOCKEYE a/	COHO b/	CATCH			TOTAL	HOURS OPEN	BOAT
		ENDING DATE			PINK c/	CHUM	CHINOOK b/			DAYS FISHED
FISHERY ON PASSING STOCKS										
30	7-3	23 JULY	5	5	69	6	closed	85	168	35
31	7-4	30 JULY	697	553	11,110	379	closed	12,739	168	35
32	7-5	6 AUG	145	417	8,578	158	closed	9,298	48	10
33	8-1	13 AUG	no report	42	780	no report	closed	822	120	18
34	8-2	20 AUG	213	3,781	15,524	813	closed	20,331	168	22
35	8-3	27 AUG	39	941	12,771	398	closed	14,149	168	21
36	8-4	3 SEPT	closed	closed	closed	closed	closed	0	0	0
37	9-1	10 SEPT	closed	closed	closed	closed	closed	0	0	0
38	9-2	17 SEPT	closed	closed	closed	closed	closed	0	0	0
39	9-3	30 SEPT	closed	closed	closed	closed	closed	0	0	0
40	9-4	1 OCT	closed	closed	closed	closed	closed	0	0	0
41	10-1	8 OCT	closed	closed	closed	closed	closed	0	0	0
TOTAL FISHERY ON										
PASSING STOCKS			1,099	5,739	48,832	1,754	closed	57,424	840	141
NO LOCAL FISHERY										
TOTAL AREA 1 TROLL			1,099	5,739	48,832	1,754	594	58,018	864	36.0

NOTE: 2000 Catch figures are based on year-end sales slip data

DAYS FISHING: Hours of fishing are represented as a portion of a 24-hour day

a/ - Catch from Area 1 Selective Pink test fishery.

c/ - No allocation of Fraser River pink salmon.

b/ - Catch of chinook and coho released as a condition of the selective fishery.

Table 12. Department of Fisheries and Oceans commercial salmon harvest report, Area 3 (1-4) gillnet weekly sales slip catch, 2000.

JULIAN WEEK	STAT. WEEK	WEEK ENDING	CATCH						HOURS	BOAT
		DATE	SOCKEYE	COHO	PINK	CHUM	CHINOOK	TOTAL	OPEN	DAYS FISHED
25	6-2	18 JUNE	1,298	-	-	27	54	1,379	16	63
26	6-3	25 JUNE	14,923	-	109	90	64	15,186	32	203
27	6-4	2 JULY	11,660	-	382	874	94	13,010	64	131
28	7-1	9 JULY	7,424	-	1,580	1,769	29	10,802	64	63
29	7-2	16 JULY	5,118	-	1,216	1,839	5	8,178	60	38
30	7-3	23 JULY	2,741	-	377	276	-	3,394	60	15
31	7-4	30 JULY	1,200	-	1,850	358	-	3,408	30	21
32	7-5	6 AUG	248	-	724	84	-	1,056	45	4
33	8-1	13 AUG	-	-	-	-	-	-	26	0
34	8-2	20 AUG	40	-	660	56	-	756	13	2
<b>TOTALS</b>			<b>44,652</b>	<b>-</b>	<b>6,898</b>	<b>5,373</b>	<b>246</b>	<b>57,169</b>	<b>410</b>	<b>540</b>

NOTE: 2000 Catch figures are based on year-end sales slip data

DAYS FISHING: Hours of fishing are represented as a portion of a 24-hour day

Table 13. Department of Fisheries and Oceans commercial salmon harvest report, Area 3 gillnet weekly sales slip catch, 2000.

WEEK			CATCH						HOURS OPEN	BOAT DAYS
JULIAN WEEK	STAT. WEEK	ENDING DATE	SOCKEYE	COHO	PINK	CHUM	CHINOOK	TOTAL		
25	6-2	18 JUNE	3,567	-	8	79	388	3,453	16	154
26	6-3	25 JUNE	26,735	-	151	213	376	24,187	32	456
27	6-4	2 JULY	47,431	-	727	1,460	860	48,570	64	333
28	7-1	9 JULY	56,274	-	6,556	5,743	721	67,438	64	321
29	7-2	16 JULY	15,433	-	4,706	3,357	129	22,725	60	87
30	7-3	23 JULY	17,085	-	3,239	457	49	20,450	60	46
31	7-4	30 JULY	25,764	-	65,927	3,863	77	92,938	30	284
32	7-5	6 AUG	23,521	-	67,205	5,180	37	95,688	45	301
33	8-1	13 AUG	6,290	-	26,388	2,090	-	34,768	26	140
34	8-2	20 AUG	397	-	4,904	518	-	5,811	13	33
<b>TOTALS</b>			<b>222,497</b>	<b>-</b>	<b>179,811</b>	<b>22,961</b>	<b>2,638</b>	<b>416,027</b>	<b>410</b>	<b>2,155</b>

NOTE: 2000 catch figures are based on prorated year-end sales slip counts and hail data

DAYS FISHING: Hours of fishing are represented as a portion of a 24-hour day

Table 14. Department of Fisheries and Oceans commercial salmon harvest report, Area 3 (1-4) seine weekly sales slip catch, 2000.

WEEK			CATCH						HOURS	BOAT
JULIAN	STAT.	ENDING	SOCKEYE	COHO	PINK	CHUM	CHINOOK	TOTAL	OPEN	DAYS
WEEK	WEEK	DATE								
29	7-2	15 JULY	14,174	-	28,880	14,007	-	57,061	60	74
30	7-3	22 JULY	22,643	-	24,226	6,274	-	53,143	60	54
31	7-4	29 JULY	2,230	-	6,293	260	-	8,783	75	4
32	7-5	5 AUG	17,912	-	32,418	1,687	-	52,017	45	19
33	8-1	12 AUG	-	-	-	-	-	-	39	0
34	8-2	19 AUG	-	-	-	-	-	-	13	0
<b>TOTALS</b>			<b>56,959</b>	<b>-</b>	<b>91,817</b>	<b>22,228</b>	<b>-</b>	<b>171,004</b>	<b>292</b>	<b>151</b>

NOTE: 2000 Catch figures are based on year-end sales slip data

DAYS FISHING: Hours of fishing are represented as a portion of a 24-hour day

Table 15. Department of Fisheries and Oceans commercial salmon harvest report, Area 3 seine weekly sales slip catch, 2000.

JULIAN WEEK	WEEK		CATCH						HOURS	BOAT
	STAT. WEEK	ENDING DATE	SOCKEYE	COHO	PINK	CHUM	CHINOOK	TOTAL	OPEN	DAYS FISHED
29	7-2	16 JULY	17,627	-	40,358	22,169	-	83,454	60	74
30	7-3	23 JULY	25,378	-	51,078	16,434	-	87,350	60	54
31	7-4	30 JULY	7,131	-	28,715	2,098	-	37,309	75	4
32	7-5	6 AUG	23,292	-	79,150	4,841	-	116,588	45	19
33	8-1	13 AUG	9,211	-	42,632	2,311	-	54,153	39	0
34	8-2	20 AUG	168	-	1,351	237	-	1,757	13	0
<b>TOTALS</b>			<b>82,807</b>	<b>-</b>	<b>243,283</b>	<b>48,090</b>	<b>-</b>	<b>380,610</b>	<b>292</b>	<b>151</b>

NOTE: 2000 catch figures are based on prorated year-end sales slip counts and hail data  
 DAYS FISHING: Hours of fishing are represented as a portion of a 24-hour day

Table 16. Department of Fisheries and Oceans commercial salmon harvest report, Area 4 gillnet weekly sales slip catch, 2000.

JULIAN WEEK	STAT. WEEK	WEEK ENDING	CATCH						HOURS	BOAT
		DATE	SOCKEYE	COHO	PINK	CHUM	CHINOOK	TOTAL	OPEN	DAYS FISHED
24	6-1	11 JUNE	26	-	-	-	1,605	1,631	24	109
25	6-2	18 JUNE	590	-	-	-	2,838	3,428	24	131
26	6-3	25 JUNE	-	-	-	-	-	-	0	-
27	6-4	2 JULY	89,918	-	-	-	4,882	94,800	64	967
28	7-1	9 JULY	221,395	-	1,636	4,113	4,132	231,276	64	1,131
29	7-2	16 JULY	282,134	-	3,909	6,261	2,247	294,551	60	1,291
30	7-3	23 JULY	596,205	-	5,128	4,063	1,870	607,266	60	1,400
31	7-4	30 JULY	13,196	-	26,012	4,761	7	43,976	45	38 a/
32	7-5	6 AUG	32,064	-	2,209	258	121	34,652	75	59 a/
33	8-1	13 AUG	7,601	-	13,891	349	25	21,866	30	24 a/
34	8-2	20 AUG	-	-	5,109	99	-	5,208		
35	8-3	27 AUG	-	-	-	-	-	-		
36	8-4	3 SEPT	-	-	-	-	-	-		
37	9-1	10 SEPT	-	-	-	-	-	-		
38	9-2	17 SEPT	-	-	-	-	-	-		
39	9-3	24 SEPT	-	-	-	-	-	-		
<b>TOTALS</b>			<b>1,243,128</b>	<b>-</b>	<b>57,894</b>	<b>19,904</b>	<b>17,727</b>	<b>1,338,653</b>	<b>446</b>	<b>5,150</b>

NOTE: 2000 Catch figures are based on year-end sales slip data

DAYS FISHING: Hours of fishing are represented as a portion of a 24-hour day

Statistical Weeks 6-1 to 8-1 also include catches from the Tyee Test Fishery, along with Commercial catches.

a/ Test fishery catch

Table 17. Department of Fisheries and Oceans commercial salmon harvest report, Area 4 seine weekly sales slip catch, 2000.

JULIAN WEEK	STAT. WEEK	WEEK ENDING	CATCH						HOURS OPEN	BOAT DAYS FISHED
		DATE	SOCKEYE	COHO	PINK	CHUM	CHINOOK	TOTAL		
29	7-2	16 JULY	57,217		2,044	1,726	1	60,988	30	51
30	7-3	23 JULY	234,064	-	21,740	3,842	-	259,646	60	135
31	7-4	30 JULY	301,977	-	61,968	814	-	364,759	75	281
32	7-5	6 AUG	127,016	-	119,008	-	-	246,024	45	98
33	8-1	13 AUG	29,925	-	54,949	639	-	85,512	26	30
34	8-2	20 JULY	-	-	-	-	-	-	-	-
35	8-3	27 JULY	-	-	-	-	-	-	-	-
TOTALS			750,198	-	259,709	7,021	1	1,016,929	236	595

NOTE: 2000 Catch figures are based on year-end sales slip data

DAYS FISHING: Hours of fishing are represented as a portion of a 24-hour day

Table 18. Department of Fisheries and Oceans commercial salmon harvest report, Area 5 gillnet weekly sales slip catch, 2000.

WEEK			CATCH						HOURS	BOAT
JULIAN	STAT.	ENDING	SOCKEYE	COHO	PINK	CHUM	CHINOOK	TOTAL	OPEN	DAYS
WEEK	WEEK	DATE								
27	6-4	2 JULY	4,720	-	1,388	504	19	6,631	64	49
28	7-1	9 JULY	7,417	-	2,571	689	44	10,722	64	67
29	7-2	16 JULY	3,432	-	2,845	693	2	6,973	60	34
30	7-3	23 JULY	2,408	-	1,950	463	2	4,823	60	14
<b>TOTALS</b>			<b>17,976</b>	<b>-</b>	<b>8,755</b>	<b>2,349</b>	<b>68</b>	<b>29,148</b>	<b>248</b>	<b>164</b>

NOTE: 2000 Catch figures are based on year-end sales slip data

DAYS FISHING: Hours of fishing are represented as a portion of a 24-hour day



Table 19. Department of Fisheries and Oceans commercial salmon harvest report, Area 5 seine weekly sales slip catch, 2000.

WEEK			CATCH					BOAT		
JULIAN	STAT.	ENDING	SOCKEYE	COHO	PINK	CHUM	CHINOOK	TOTAL	HOURS	DAYS
WEEK	WEEK	DATE							OPEN	FISHED
29	7-2	16 JULY	4,656	0	1,903	2,153	0	8,712	60	31
30	7-3	23 JULY	2,028	0	1,702	1,052	0	4,781	60	12
31	7-4	30 JULY	2,182	0	1,864	0	0	4,046	75	3
32	7-5	6 AUG	1,612	0	12,744	0	0	14,356	45	5
33	8-1	13 AUG	1,121	0	5,256	0	0	6,376	26	3
<b>TOTALS</b>			<b>11,599</b>	<b>0</b>	<b>23,468</b>	<b>3,205</b>	<b>0</b>	<b>38,272</b>	<b>266</b>	<b>54</b>

NOTE: 2000 Catch figures are based on year-end sales slip data

DAYS FISHING: Hours of fishing are represented as a portion of a 24-hour day

Table 20. Preliminary annual allowable harvest (AAH) calculations for Canadian Area 3(1-4) net fishery, 2000.

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Annual Allowable Harvest (AAH) of Alaska District 101, 102, and 103 Pink Salmon:	
Total Run	22,878,893
Actual Escapement	11,936,450
Escapement Requirement	10,750,000
Annual Allowable Harvest (AAH)	12,128,893
Actual Number and %AAH of Alaska Pink Salmon Harvested in Canadian Area 3(1-4) Net Fishery:	
Total Pink Harvest in Area 3(1-4) Net (Sales Slip Final Data)	75,752
Actual Number of Alaskan Pink Harvested	56,772
Actual %AAH	0.47%
Overage/Underage Based on the 2.49% AAH Stipulated in the Treaty:	
Allowable % AAH	2.49%
Allowable Harvest	302,009
Overage (Positive)/Underage (Negative)	(245,238)
Cumulative Overage/Underage	(47,971)

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Table 21. Preliminary annual allowable harvest (AAH) calculations for Canadian Area 1 troll fishery, 2000.

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Annual Allowable Harvest (AAH) of Alaska District 101, 102, and 103 Pink Salmon:	
Total Run	22,878,893
Actual Escapement	11,936,450
Escapement Requirement	10,750,000
Annual Allowable Harvest (AAH)	12,128,893
Actual Number and %AAH of Alaska Pink Salmon Harvested in Canadian Area 1 Troll Fishery:	
Total Pink Harvest in Area 1 Troll (Sales Slip Final Data)	48,832
Actual Number of Alaskan Pink Harvested	37,290
Actual %AAH	0.31%
Overage/Underage Based on the 2.57% AAH Stipulated in the Treaty:	
Allowable % AAH	2.57%
Allowable Harvest	311,713
Overage (Positive)/Underage (Negative)	(274,422)
Cumulative Overage/Underage	(1,337,477)

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Table 22. Department of Fisheries and Oceans, 2000 escapements to Areas 1, 3, 4, and 5.

Area	Sockeye	Pink	Chum
<b>3</b>	209,224	322,990	20,718
<b>Meziadin</b>	136,994		
<b>4</b>	1,482,252	260,481	4,650
<b>5</b>	22,600	278,150	1,070

Table 23. Department of Fisheries and Oceans, 2001 commercial net salmon forecast, Areas 1, 3., 4, and 5.

		FORECAST RETURNS	ESCAPEMENT GOAL	CATCH OF AREAS PRODUCTION	CATCH OF OTHER AREAS PRODUCTION	TOTAL CATCH IN AREA
<b>AREA 1</b>	<b>Sockeye</b>	No forecast done				
	<b>Pink</b>	Off year for pinks				
<b>AREA 3</b>	<b>Sockeye</b>	740,000	200,000	260,000	100,000	360,000
	<b>Pink</b>	1,000,000	350,000	650,000	650,000	1,300,000
<b>AREA 4</b>	<b>Sockeye</b>	2,800,000	900,000	1,300,000		1,300,000
	<b>Pink</b>	3,150,000	1,500,000	1,300,000		1,300,000
<b>AREA 5</b>	<b>Sockeye</b>	65,000	30,000	35,000	100,000	135,000
	<b>Pink</b>	600,000	250,000	350,000	350,000	700,000

\* - Areas 3 and 4 catch includes commercial and native harvests in tidal and non-tidal waters.

## FIGURES

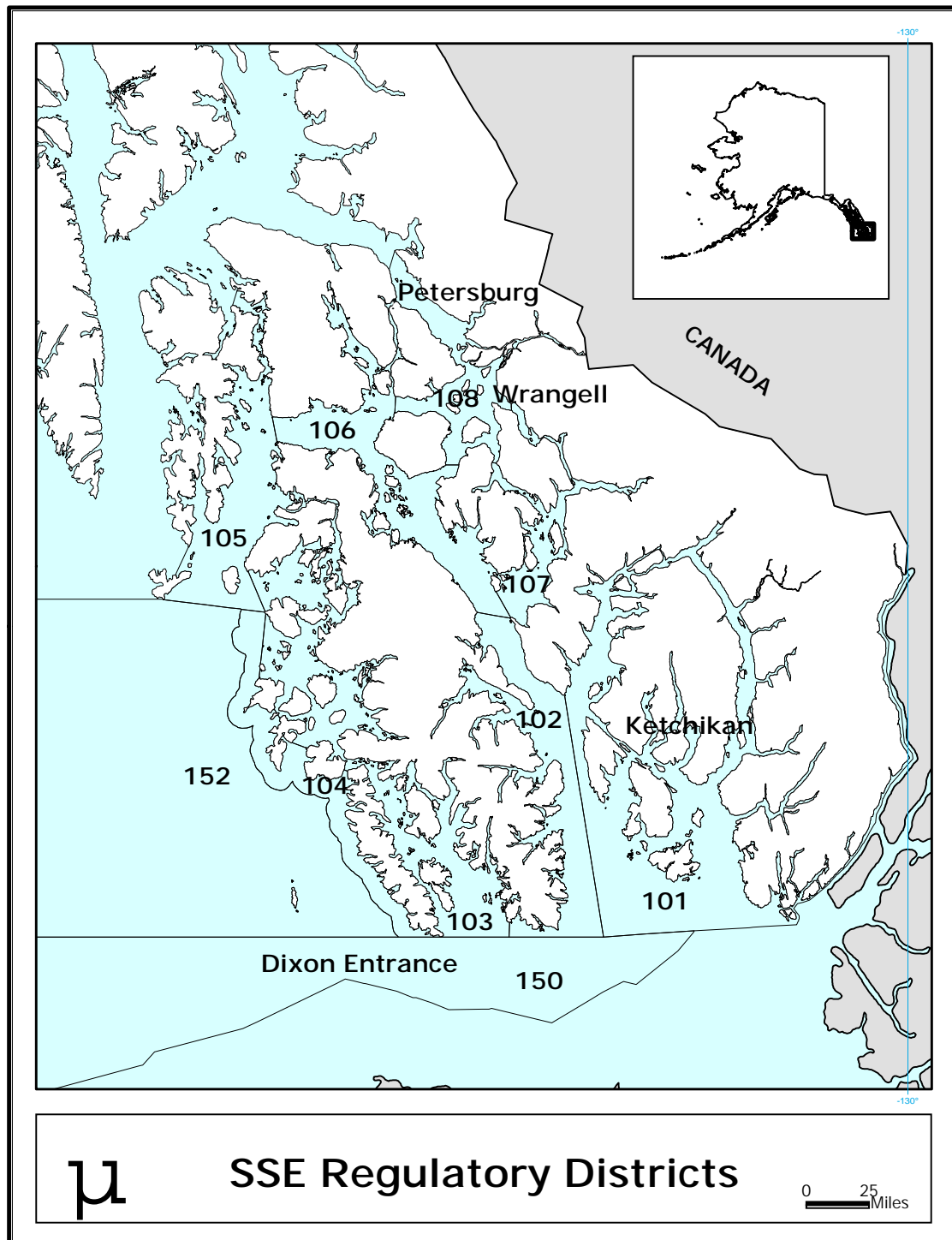


Figure 1. Alaska Department of Fish and Game Southern Southeast Alaska regulatory districts.

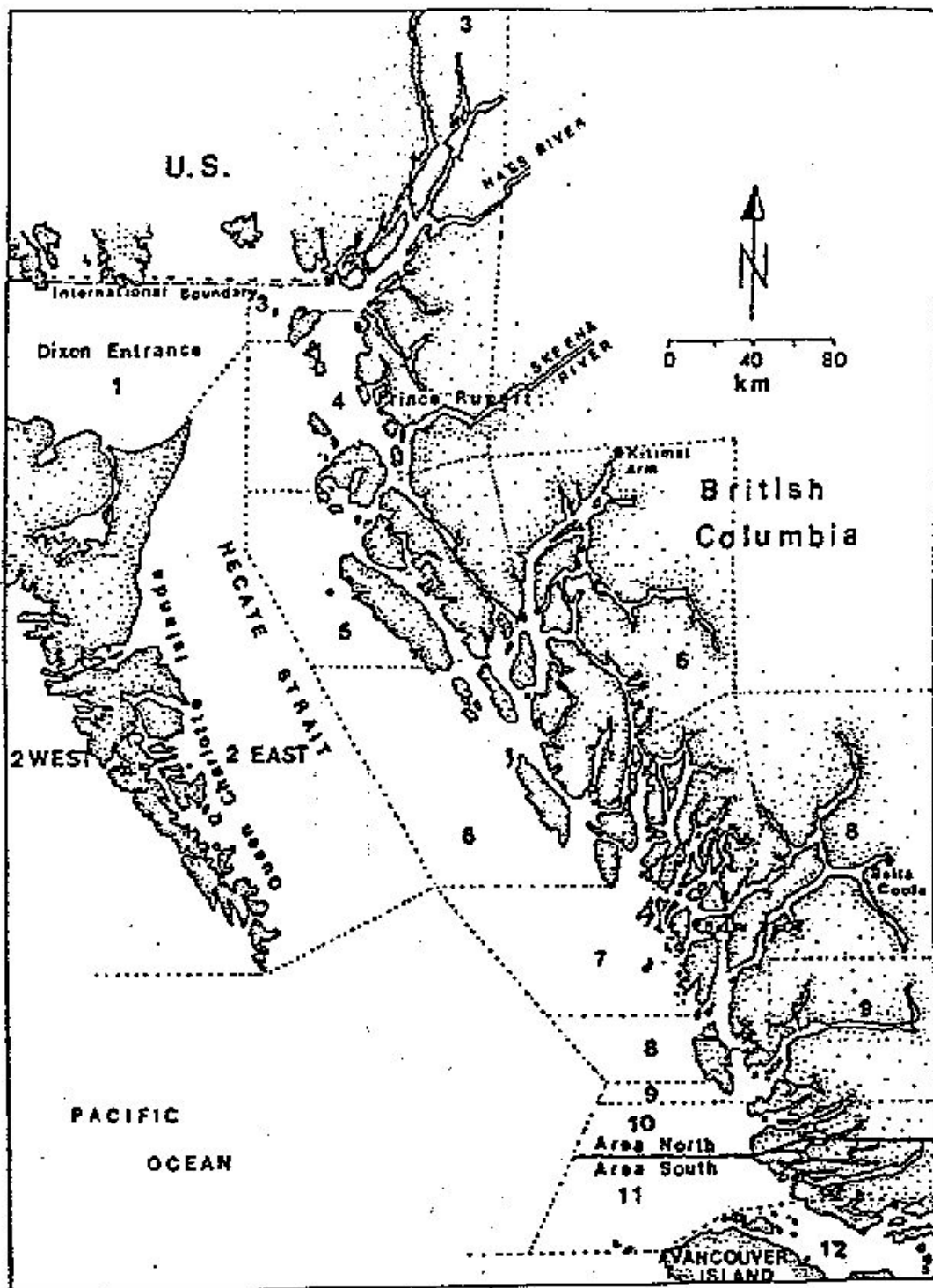


Figure 2. Canadian Department of Fisheries and Oceans Statistical Areas 1-10, Northern British Columbia.

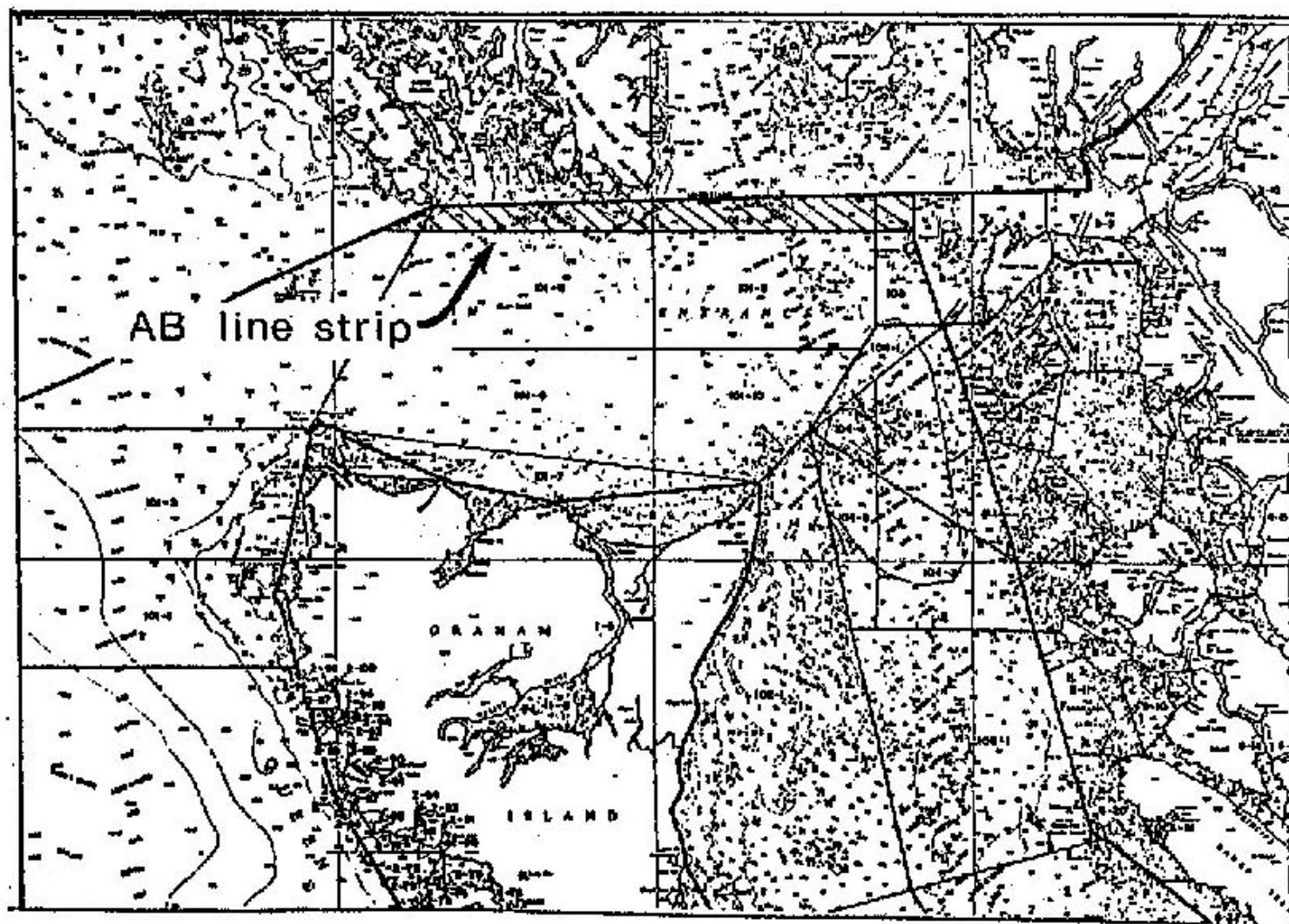


Figure 3. Canadian Department of Fisheries and Oceans Statistical Area 1 management sub-areas.



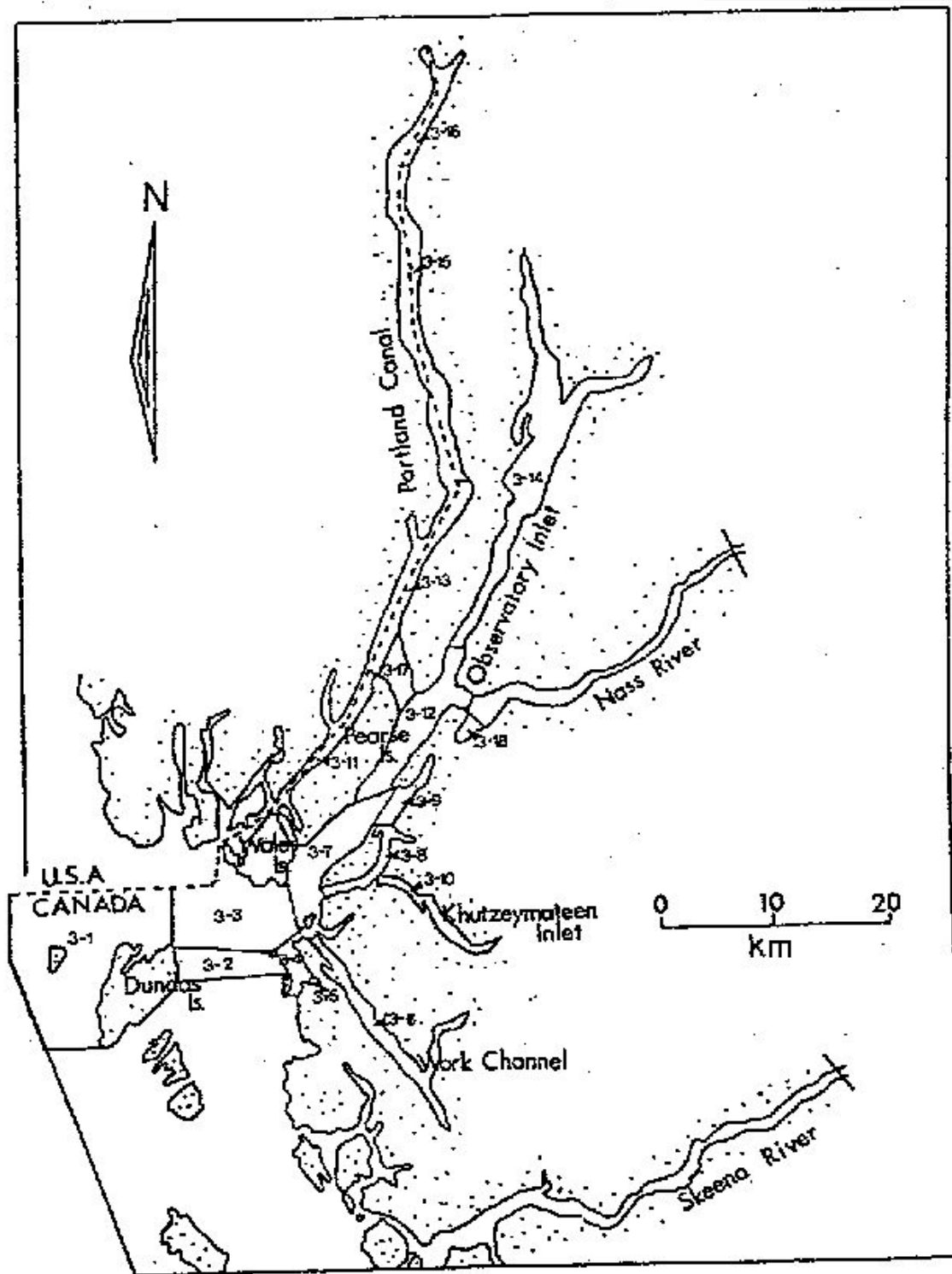


Figure 4. Canadian Department of Fisheries and Oceans Statistical Area 3 management sub-areas.