

**PACIFIC SALMON COMMISSION  
NORTHERN BOUNDARY TECHNICAL  
COMMITTEE REPORT**

**U.S./CANADA NORTHERN BOUNDARY AREA  
2007 SALMON FISHERIES MANAGEMENT REPORT  
AND 2008 PRELIMINARY EXPECTATIONS**

**REPORT TCNB (08)-1**

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## EXECUTIVE SUMMARY

This report reviews:

- 1) catch, effort, and management actions in the 2007 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 for pink salmon;
- 3) preliminary expectations and fishing plans for 2008.

Historical catch and effort data by district or 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.

### ***2007 Fisheries***

The southern Southeast Alaska pink salmon harvest was 31.7 million, well above the recent 10-year average of 24.8 million. The 2007 pink salmon harvest for all of Southeast Alaska and Yakutat was 44.9 million, very close to the preseason forecast of 47 million pink salmon (the 80% C.I. forecast range was 36–58 million). Formal forecasts are not made for sub-regions, or for species other than pink salmon in Southeast Alaska.

The southern Southeast Alaska pink salmon escapement index of 11.1 million pink salmon exceeded the escapement goal of 4.0–9.0 million index spawners. Escapement indices for southern Southeast Alaska were within or exceeded management targets for all districts and for 16 of the 17 southern Southeast Alaska pink salmon stock groups.

In the North Coast of British Columbia the aggregate sockeye returns to the Skeena River exceeded the escapement target, allowing for 7 commercial sockeye-directed gillnet openings. In addition, limited pink directed seine fisheries were permitted in Area 4 to harvest available surplus pinks. Meanwhile, the Nass aggregate sockeye return was well below average and half of the pre-season projected return, with a Total Return to Canada (TRTC) estimate of approximately 390,000 sockeye. The cumulative Area 3 marine commercial sockeye catch was 248,644. An above average return of pink salmon allowed for a harvestable surplus seine catch of 3 million pinks. The estimated net escapement of 164,748 Nass sockeye was below the 200,000 target. The Meziadin River escapement of 104,308 was below both the decadal average (183,000) and escapement target (160,000) to the most productive sockeye system in the Nass drainage.

Due to an extraordinarily large snow pack and later than average freshet, the Babine Fence Counting Facility was not fully operational until August 7. As a result, a large portion of the Babine sockeye return was not counted (notably the Early Babine and Pinkut components) with approximately 469,000 sockeye being enumerated between August 7 and the end of the return

(September 29). To estimate the actual Skeena sockeye escapement, the proportion of Babine sockeye passing the Tyee Test fishery was applied to the estimated Babine Lake Development Project escapement. Meanwhile, returns of non-enhanced Babine stocks were variable. Returns to the Morice and Kitwanga systems were below desired levels, with estimated escapements of 10,000 and 240, respectively.

Pink returns to all areas of the North Coast were average to above average. The Areas 3 and 4 net fleet pink delivered 3.1 million and 635,192 pinks, respectively. Pink escapements were at or above target to most assessment streams in Areas 3, 4 and 5, with a cumulative escapement estimate of greater than 1.3 million. Low chum abundance in Areas 3 to 5 resulted in below target escapements to most streams. Management actions were in place to minimize chum mortality throughout the Areas 3 and 5 net fishing seasons. The Area 1 troll fishery harvested 61,276 pinks, with low catches attributed to low effort.

## **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 percentage of the Annual Allowable Harvest (AAH). The AAH is the total return of applicable stocks minus the lesser of: 1) the actual escapement, or 2) the escapement goal. Catches over or under the AAH are summed over the ten year period of the agreement allow for annual variation.

In Alaska’s District 104 purse seine fishery, the Nass and Skeena sockeye run size determines the AAH of these stocks prior to Statistical Week 31. In Alaska’s District 101 gillnet fishery, the AAH is based solely on the run size of Nass River sockeye salmon. The run size of Alaskan pink salmon returning to Districts 101-103 determines the allowable harvests of these stocks in Canada’s Area 3 (1-4) net and Area 1 troll fisheries.

In the District 101 (Tree Point) drift gillnet fishery, the agreement specifies a harvest of 13.8 percent of the AAH of the Nass River sockeye run. For the 2007 season, DFO forecast a total run of about 828,000 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.

The District 101 drift gillnet fishery opens by regulation on the third Sunday in June. During the early weeks of the fishery, management is 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 that species. By regulation, the District 101 Pink Salmon Management Plan sets gillnet fishing time in this district in relation to the District 101 purse seine fishing time when both fleets are concurrently harvesting the same pink salmon stocks. In 2007, the cumulative sockeye harvest prior to the initiation of the Pink Salmon Management Plan in Week 29 was 37 thousand fish, or about 56% of the total seasonal harvest.

In the District 104 purse seine fishery the agreement specifies a harvest, from the beginning of the season through Statistical Week 30, of 2.45% of the combined AAH of both the Nass and Skeena River runs. The fishery opens the first Sunday in July; in 2007 the initial opening was July 1 (Week 27) The pre-Week 31 fishing plan for District 104 was based on returns of local Alaskan stocks as well as the Canadian Department of Fisheries and Oceans (DFO) preseason forecast returns of about 828,000 Nass River sockeye salmon and about 2.5 million Skeena River sockeye salmon. The preseason forecasts result in a total projected return of 3.3 million Nass and Skeena sockeye which, minus an escapement goal of 1.1 million, would result in an AAH of about 2.2 million. Using this forecast, the 2007 pre-Week 31 annual allowable harvest was approximately 55,000 Nass and Skeena sockeye salmon.

For the year 2007, 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.

In the Canadian northern boundary area, above average pink salmon returns were anticipated for Area 3 (2.5 million) and for Area 4 (4.6 million). The actual return of Area 3 pinks was above expectations while the Skeena pink return did not meet expectations. Meanwhile, strong returns were expected for the SE Alaska pink stocks adjacent to the northern boundary area. With a Total Run of 52,342,936 Alaska District 101, 102 and 103 pink salmon in 2007, the AAH for the Area 3(1-4) net fleet was 1,035,664 pink salmon of Alaska District 101, 102 and 103 origin. The 2007 Canadian pink catch in Sub-areas 3-1 to 3-4 was 1,740,271, with a preliminary estimate of the Alaska stock component of this catch being 1,422,130, or 3.42 % of the AAH. This is slightly above the allotted 2.49 % of the AAH.

The total Canadian pink catch of 1,740,271 in sub-areas 3-1 to 3-4 is higher than the 1985-2000 average catch of 1.46 million. The below average harvest resulted from management restraints on Canadian net fisheries in Sub areas 3-1 to 3-4 to reduce the harvest of less abundant Skeena coho and sockeye stocks. The percentage of the 2007 Area 3 net catch taken in sub-areas (1-4) was 58% which equaled the 1985-2000 average of 58%.

Pink escapements in 2007 were 588,684 in Area 3 and 627,423 in the Skeena.

In addition, Canada was to manage the Area 1 troll fishery to achieve an annual catch share of 2.57 percent of the AAH of Alaskan Districts 101, 102 and 103 pink salmon. With a Total Run of 52,342,936 Alaska Districts 101, 102 and 103 pink salmon in 2007, the AAH for the Area 1 troll fishery was set at 1,068,938 pieces. The Canadian commercial troll fishery was open in the northern portion of Area 1 from July 15 - September 30. The fishery harvested a total of 61,276 pink salmon, with an estimated 55,418, or 90.4%, being of Alaskan origin. This equates to 0.13% of the 41,592,936 AAH of Alaskan Districts 101, 102 and 103 pink salmon, well below the annex agreement for 2.57 percent.



### ***2008 Forecast***

The Southeast Alaska pink salmon harvest in 2008 is predicted to be weak to average, with a point estimate of 19 million fish (80% confidence interval 10–34 million fish). A harvest of 19 million pink salmon would rank in the 44<sup>th</sup> percentile of the historical Southeast Alaska pink salmon harvest from 1960 to 2007. Over the past 10 years the average distribution of the pink salmon harvest has been 53% in Southern Southeast Alaska and 43% in Northern Southeast Alaska. Formal forecasts are not made for species other than pink salmon in Southeast Alaska.

The Nass sockeye total return in 2008 is forecast to be 479,000, with a Total Return to Canada (TRTC) estimate of 350 thousand. For the Skeena, the sibling model forecast predicts a 50% probability of 1.27 million sockeye returning to the Skeena in 2008, with a 25% probability of the return exceeding 1.9 million and a 75% probability the return will exceed 841,000. The Nass area pink return prediction of 1.1 million will provide a local surplus of approximately 750,000 for harvest while Area 4 pink returns are expected to be well below average and below target escapement levels, with no projected surplus.

## **INTRODUCTION**

This report reviews the 2007 Boundary Area pink, chum, coho, and sockeye salmon net and troll fisheries of southern Southeast (SSE) Alaska and Northern British Columbia and outlines preliminary expectations and fishing plans for 2008. 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 opening, district or area, gear, and species (sockeye, pink, chum, coho, and Chinook salmon) for Northern Boundary Area fisheries for 2007. Sub-area catch data is also presented for all salmon species for Canadian Area 3. Canadian Area 3 and Area 4 gillnet and purse seine catch data for 2007 are based on sales slip information rather than hail catch data, as in the past. 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**

### ***2007 Salmon Forecast***

The 2007 pink salmon harvest in Southeast Alaska was expected to be strong. The Alaska Department of Fish and Game's forecast was for a total Southeast Alaska harvest of 47 million, with a forecast range of 36 to 58 million (80% confidence interval). Formal forecasts were not made for sub-regions or for species other than pink salmon in Southeast Alaska.

### ***Review of the 2007 Fishing Season***

Commercial fisheries harvested 36.7 million salmon in southern Southeast Alaska in 2007. This total includes Traditional, Hatchery Terminal Harvest Area, and Annette Island Reserve fisheries; purse seine, drift gillnet, and troll gear; and Districts 101 through 108, 150, and 152. The harvest was comprised of 31.7 million (86%) pink salmon, 3 million (8%) chum, 1.2 million (3%) sockeye, 688 thousand (2%) coho, and 93 thousand (0.3%) 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 were: 1) an early season opening in lower District 102 to target Southern Southeast Regional Aquaculture Association's (SSRAA) Kendrick Bay summer chum salmon; and 2) District 102 and 103 fisheries directed on fall chum salmon. Chinook salmon non-retention periods in boundary area purse seine fisheries began Friday, August 10, 2007.

### *District 101 Purse Seine Fishery*

The Alaska District 101 purse seine fishery opened July 1, 2007 for the first of 17 fishing periods (Table 1). For the first three weeks of the season (statistical weeks 27-29) the fishery was open for one 15 hour period per week. In week 30 (beginning July 22), as the catch of pink salmon increased, the fishery was open for two 15-hour openings. In week 31, as pink salmon catches continued to increase, the fishery was open for one 15-hour period and one 39 hour period. In weeks 32 and 33 (August 5-18), as the pink salmon catch peaked, the fishery was open for three 39-hour openings per week. The fishery was open for two 39-hour fishing periods in each of the final two weeks of the season (weeks 34-35) as the catch of pink salmon declined. The fishery closed somewhat early on August 31. The total number of purse seine vessels that fished in District 101 during 2007 rose to 62 from the 56 that fished in 2006 but remained less than half the treaty period average (1985-2006) of 159.

The District 101 purse seine seasonal pink salmon catch of approximately 2.6 million was 42% of the 1985-2006 treaty period average of 6.1 million. Weekly catches of pink salmon were below average throughout the season.

The District 101 purse seine sockeye salmon catch of 29,000 was 25% of the 1985-2006 average of 117,000. There were no purse seine openings in 2007 targeting McDonald Lake sockeye salmon in the upper West Behm Canal portion of the district.

The District 2007 101 purse seine chum salmon catch of 174,000 was 51% of the treaty period average of 342,000. With the exception of week 30 chum salmon catches were below average throughout the season.

The District 101 purse seine coho salmon catch of 15,000 was 39% of the treaty period average of 39,000.

Only Chinook salmon catches were above average in the District 101 purse seine fishery; the catch of 1,100 was 191% of the treaty period average of 560. Weekly Chinook catches were above average in the first four weeks of the season.

### *District 102 Purse Seine*

Limited portions of the District 102 purse seine fishery were opened in Weeks 25 and 26 to access returns of SSRAA enhanced summer chum salmon from Kendrick Bay. Six seine vessels fished the first opening and twenty three fished the second with catches for both weeks totaling about 83,000 chum salmon (Table 2).

The traditional seine fishery in District 102 targeting local stocks of pink salmon opened Sunday July 1 (Week 27). During the traditional fishing period there were 17 openings ranging from 15 to 87 hours in duration. Directed pink salmon harvest ended August 31. The fishery was closed in week 36. Limited portions of District 102 reopened to target fall chum salmon in Weeks 37 and 38. The fishery closed for the season on September 18. A total of 83 purse seine vessels fished District 102 at some time during the season, 53% of the treaty period average of 158. The district was open

to fishing a total of 927 hours, 94% of the treaty period average of 985.

The District 102 purse seine catch of 2,610,000 pink salmon was 60% of the treaty period average of 4,331,000. With the exception of a few weeks early in the season the weekly pink salmon catches were below average.

Chum salmon catches in the District 102 purse seine fishery were above average in the early portion of the season but below average from mid-season on. Approximately 18,600 fall chum season were harvested in late season openings (Weeks 37-38) in the Cholmondeley Sound portion of the district. The total season catch of 516,000 chum salmon was 125% of the treaty period average of 413,000. The District 102 sockeye catch of 29,000 was 68% of the treaty period average of 44,000 while the coho catch of 32,000 was 65% of the average of 50,000. The Chinook salmon catch of about 2,100 was 663% of the average of 320.

### *District 103 Purse Seine*

The District 103 purse seine fishery initially opened Sunday July 29th (Week 31) and ,there were 11 openings, ranging from 6 to 39 hours each, prior to the majority of the district being closed in week 36. A portion of District 103 reopened for one 36 hour opening in both Weeks 37 and 38 to harvest fall chum salmon. A total of 116 purse seine vessels fished in District 103, 89% of the 1985-2006 treaty period average of 130. The district was open for a total of 552 hours, 143% of the treaty average of 387. The fishery ended on September 18<sup>th</sup> (week 38).

Although early indications had pointed to the potential of a much weaker than predicted pink return, that changed with very high CPUE in Week 31. The District 103 purse seine pink salmon catch of 9.1 million was 233% of the treaty period average of 3.9 million. The number of boats fishing in District 3 was 89% of the historical treaty average and fishing hours were 146% of the average. Sockeye catches were above average throughout the season, the catch of 116,000 was 584% of the treaty period average of 20,000. This increase was due primarily to a unique movement of fish from outside waters into the western portion of District 103. Coho catches of 34,000 were 113% of the average of 30,000. Chum catches were strong through week 33 (August 18). The total season chum salmon catch of 229,000 was 201% of the average of 114,000. The Chinook salmon catch of 1,263 was 523% of the treaty period average. This increase in Chinook catch was 198 fish or 18% above the 2006 catch of 1,065 fish.

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

The 2007 pre-Week 31 fishing plan was based on the DFO preseason forecast total returns of about 828,000 Nass River sockeye and 2.5 million Skeena River sockeye salmon. The preseason forecasts resulted in a total projected return of about 3.3 million which, minus an escapement goal of 1.1 million, would result in an AAH of 2.2 million. Using this forecast, the 2007 pre-Week 31 allowable catch (2.45% of the AAH) was about 55,000 Nass and Skeena sockeye salmon. The actual AAH will be calculated post-season after stock specific catch and escapement estimates are calculated.

In the 2007 treaty period, 112,135 sockeye were harvested in: a 12-hour opening in Week 27; a 12-

hour opening in Week 28; an 8-hour opening in Week 29; and a 12-hour and a 6-hour opening in Week 30. The number of purse seine vessels fishing ranged from 23 to 49 in individual openings during the treaty period. In past years 60% to 80% of treaty-period sockeye have been of Nass and Skeena origin. Thus, we would anticipate that between 67,300 and 89,700 Nass and Skeena sockeye were harvested in the District 104 purse seine fishery during the treaty period. The final number of Nass and Skeena sockeye harvested, and the actual catch by stock, will not be available until catch, escapement, and stock composition estimates are finalized for the year.

There were a total of 25 open fishing periods in the 2007 District 104 fishery. Post treaty period openings in District 104 included: 1) a 15-hour and 39-hour opening in week 31; 2) six 15 hour openings in both weeks 32 and 33; 3) four 15-hour openings in week 34 and; 4) two 39 openings in week 35. The fishery ended on Friday August 31 (week 35). The fishery was open for a total of 422 hours, 104% of the treaty period average of 405 hours.

The catch of 11.3 million pink salmon in the 2007 District 104 purse seine fishery was 119% of the 1985-2006 treaty period average of 9.5 million. The total-season sockeye catch of 771,000 was 136% of the average of 566,000. The catch of 85,000 coho was 64% of the average of 134,000. The catch of 424,000 chum was 119% of the average of 356,000. The catch of 9,300 Chinook salmon was 125% of the average of 7,400. Non-retention of Chinook salmon in Southeast Alaskan purse seine fisheries began August 10.

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

For the 2007 season, the combined Districts 105, 106, and 107 purse seine fisheries harvested 4.5 million pink salmon, 184,500 chum, 21,400 coho, 23,500 sockeye, and 1,200 Chinook salmon.

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

The June 30, 1999 PST agreement calls for abundance based management of the District 101 (Tree Point) drift gillnet fishery. The agreement specifies a harvest of 13.8 percent of the AAH of the Nass River sockeye run. For the 2007 season, DFO forecast a total return of 828,000 Nass River sockeye salmon. The AAH is calculated as the total run of Nass sockeye salmon minus either the escapement requirement of 200,000 or the actual inriver escapement, whichever is less.

The District 101 drift gillnet fishery opens by regulation on the third Sunday in June. During the early weeks of the fishery, management is 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 that species. By regulation, the District 101 Pink Salmon Management Plan sets gillnet fishing time in this district in relation to the District 101 purse seine fishing time when both fleets are concurrently harvesting the same pink salmon stocks. The final number of Nass River sockeye harvested at Tree Point will not be available until catch, escapement, and stock composition estimates are finalized for the 2007 season.

The District 101 drift gillnet fishery opens the third Sunday in June, which was June 17 (week 25) in 2007. The fishery was open a total of 1,392 hours, 105% of the 1985-2006 treaty period

average of 1,323. A total of 56 gillnet vessels fished in the district, 45% of the treaty period average of 125. The fishery closed on Monday October 2 (week 40).

In 2007 the District 101 gillnet catch of approximately 67,000 sockeye salmon was 46% of the 1985-2006 treaty period average of 145,000. The cumulative sockeye harvest prior to the initiation of the Pink Salmon Management Plan in Week 29 was 37,200 fish, or about 56% of the season's total sockeye harvest.

With the exception the opening week, sockeye catches were below average throughout the season. The pink salmon catch of 340,000 was 61% of the average of 560,000. The chum catch of 233,000 was 75% of the average of 312,000. Chum salmon catches were below average with the exception of a couple of weeks early in the season. The coho salmon catch of 27,500 was 65% of the average of 42,300; weekly catches were below average much of the season. The Chinook salmon catch of 1,500 was 103% of the average of 1,450.

Beginning on September 2 (week 36) the District 101 gillnet fishery was managed on the strength of fall chum and coho salmon returns; both fall chum and fall coho catches were below average. Below average fall chum and coho salmon catches are, in part, a reflection of declining fishing effort at Tree Point.

### **District 106 Drift Gillnet Fishery**

The 2007 harvest in the District 106 commercial gillnet fishery included 1,850 Chinook, 92,500 sockeye, 80,600 coho, 383,400 pink, and 298,000 chum salmon. District 106 catches of all species except Chinook and chum were below the 1996-2006 average. An estimated 34% of the coho salmon harvest was of Alaskan hatchery origin.

### **Annette Island Reserve Fisheries**

In 2007 the Annette Island purse seine fishery harvested approximately 604,000 pink salmon, 37,400 chum, 6,260 sockeye, 4,500 coho, and 175 Chinook salmon. The Annette Island gillnet fishery harvested 222,000 pink salmon, 153,200 chum, 13,300 sockeye, 28,800 coho, and 850 Chinook salmon.

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

The 2007 pink salmon escapement of 11.1 million exceeded the escapement goal of 4.0–9.0 million index spawners. Escapement indices for southern Southeast Alaska were within or exceeded management targets for all districts and for 16 of the 17 southern Southeast Alaska pink salmon stock groups.

The 2007 Hugh Smith Lake adult sockeye escapement was 34,000, and exceeded the upper end of the biological escapement goal range of 8,000 to 18,000 adult sockeye salmon. Stocked Hugh Smith Lake sockeye salmon comprised 60% of the escapement in 2007. (This was the last year that stocked fish would return to the Hugh Smith Lake.) The escapement of sockeye salmon into McDonald Lake was estimated to be 29,000 fish, based on the expanded foot survey index. This

is the 6<sup>th</sup> year in the past 7 that the escapement has been below the escapement goal range of 70,000 to 100,000 sockeye salmon. Other sockeye salmon projects conducted in the Northern Boundary Area included adult salmon weirs at the Hatchery Creek, Prince of Wales Island (4,600 sockeye salmon), and at Hetta Lake (preliminary weir count 12,900 sockeye salmon).

Chum salmon harvest and escapement survey information for chum salmon index streams indicated that runs to Southeast Alaska were generally below average in 2007. The total harvest of chum salmon in the region (9.4 million) ranked as the 11<sup>th</sup> largest historical harvest in Southeast Alaska. Over the past 10 years, about 75% of the total harvest was hatchery chums. The weighted rank index of peak survey estimates to 82 chum salmon streams was 73% of the recent 10-year average. In the Northern Boundary Area, the escapement index for Cholmondeley Sound fall chum salmon was the second lowest since 1985, and only 37% of the recent 10-year average. The estimated escapement of summer chum salmon at Fish Creek, near Hyder, was 14,000; about half the recent 10-year average of 29,000.

### ***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. Catches from 1997 were not included in the baseline calculation due to unusually high levels of sockeye abundance in the fishery. 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 in 2007 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. 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.



## NORTHERN BRITISH COLUMBIA

### *2007 Salmon Forecast*

#### **Area 1 Expectations**

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

**Pink** As Area 1 pinks are an even-year stock, no significant return was expected in 2007.

**Chum** A small gillnet and seine assessment fishery was expected in Masset Inlet

**Fishing Plans** The fishing plans for net fisheries had not been established.

#### **Area 3 Expectations**

**Sockeye** An above average sockeye return to Canada of 700 thousand was expected. Due to slightly below average expectations for Skeena sockeye, minor interception of passing Skeena stocks was anticipated in 2007.

**Pink** A Nass pink return of 2.9 million was expected to provide a potential Area 3 catch of 2.5 million, along with an anticipated interception of 750,000 Alaskan pinks. A large contribution was also anticipated from Skeena pink stocks, as the 2007 forecast was for a larger than average return.

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

**Fishing Plans** An average sockeye and above average pink fishery was anticipated in Area 3 in 2007.

#### **Area 4 Expectations**

**Sockeye** The Skeena sockeye return was forecast to be 2.5 million. A harvest of 650 thousand surplus fish was expected. Some non-Babine, wild Skeena sockeye stocks remain a conservation concern.

**Pink** An expected return of 3.7 million Skeena pinks was to allow for a possible surplus of 2.2 million pinks for 2007.

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

***Fishing Plans*** Domestic management initiatives to respond to steelhead, coho, chum and wild sockeye concerns were the key factors in developing 2007 management plans.

### **Area 5 Expectations**

***Sockeye*** A below average directed Skeena and no local Area 5 sockeye fisheries were anticipated in 2007.

***Pink*** Local Area 5 pink returns in 2007 were expected to produce a surplus of about 700 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 pink stocks, Skeena coho conservation concerns, and the strength of Skeena sockeye and pink salmon returns.

## ***Review of 2007 Fishing Season - Net and Troll Fisheries***

### **Area 1**

Management units (sub-areas) of Statistical Area 1 are outlined in Figure 3. There were no Area 1 interception or terminal net fisheries in 2007. Tables 10 and 11 summarize the 2007 Area 1 gillnet and seine fisheries.

The Area 1 troll fishery was managed considering domestic Chinook, coho and chum stocks of concern, and the PST chinook ceiling. Directed fisheries were conducted for all species except chum and sockeye and area and time restrictions were associated with each opening.

The preliminary catch estimate for the Area 1 portion (includes Area 101) of the 2007 troll fishery is 2,749 sockeye, 108,701 coho, 61,276 pink, 609 chum and 67,711 Chinook (Table 12).

### **Area 3**

Management units (sub-areas) of Statistical Area 3 are outlined in Figure 4. Since 1994, in-season escapement estimates have been provided by the Nisga'a fish wheel operations conducted in the lower Nass River, approximately five miles upstream from the old Nass test fishery site. In addition to the fish wheel estimates, catches in local domestic food fisheries, and Canadian

and Alaskan commercial fisheries were utilized in determining Nass sockeye run strength in-season.

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 and Skeena sockeye stock abundance. In addition, local chum stock concerns were taken into consideration when managing the 2007 Area 3 fishery. The inside Area 3 net fishery was managed for Nass sockeye, pink, and chum abundance from mid-July to late-August. In 2007, Area 3 gillnet and seine fisheries operated with an allowance for coho retention. Both gillnet and seine fleets were restricted to daylight only fishing times. To protect weak local non-Nass chinook stocks and weak Area 3 chum stocks, gillnet fishers were requested to release all live specimens of both species. For similar reasons the seine fleet operated with non-possession/non-retention chinook restriction for the entire season. In addition, non-possession/non-retention of chum was enforced during all seine openings except for July 30 and 31, when chum retention was allowed during restrictive sub-area openings. Steelhead continued to be a restricted species for both fleets for the entire fishing season.

Weekly 2007 delivered catch data, by gear type, for Area 3 is presented in Tables 13-17.

The 2007 Area 3 gillnet fishery commenced on June 12 (Week 24) with one 16-hour opening in sub-Areas 3-3, 4, 7 and 12 (96 boat-days of effort) to assess Nass River sockeye run strength. The sockeye catch of 3,931 was below normal for this time of year.

Two additional openings during Week 25 (June 18 and 19) led to above average effort and catches but average CPUEs. With a total effort of 230 boat-days, the delivered catch for the opening was 21,039 pieces, compared to a 1990's average of 1,544 fish, giving evidence of either a better than average or earlier than average return to the Nass River. Well above average sockeye catches also occurred in the Tree Point fishery this week. In addition, pink salmon first appeared in outside area catches during this week, a week earlier than in recent years.

During two 16-hour fishing periods in Week 26 the delivered sockeye catch was 28,646, with fishing effort remaining above normal at 352 boat-days. Additional deliveries for the week included 493 pink, 3,074 coho, 2,068 chum and 1,183 Chinook. The initial in-season projected Nass sockeye total run size was 740 thousand fish, likely due to the high catches at Tree Point the previous week. .

Catch and effort increased slightly during the two 16-hour openings in Week 27 with the 419 boat-days of effort harvesting 32,945 sockeye, 2,646 pink and 3,597 coho, 3,352 chum and 863 Chinook. The Bayesian estimate for total sockeye return, based on catch per unit effort information from the Tree Point and Area 3 fisheries, decreased to 690 thousand fish.

Area 3 and Tree Point gillnet sockeye CPUEs remained below average during Week 28, resulting in only two 16-hour openings being permitted for Area 3 gillnetters. The resulting deliveries were 23,057 sockeye, 13,096 pink, 3,349 coho, 5,716 chum and 449 Chinook for 411 boat-days of effort. Concerns were noted over the reduced Bayesian total run-size estimate (620,000). Due to unacceptably high chum encounters in portions of Sub-areas 3-3 and 3-7,

restrictions were implemented for no fishing in these high incidence areas to minimize impacts on Area 3 chum stocks.

With the first sockeye-directed gillnet openings in Area 4 being timed coincident with the two Area 3 Week 29 openings, poor sockeye CPUEs in Area 3 and sub-area closures to protect the weaker than anticipated Area 3 chum return, very few vessels fished in Area 3 (13 boat days effort) during Week 29. The delivered catch was 1,838 sockeye, 206 coho, 1,022 pink, and 417 chum. With the large increase in Area 3 pink gillnet catches the previous week, the seine fleet started fishing Area 3 for the first time during Week 29, with four 16-hour openings being permitted. A cumulative seine effort of 100 boat days delivered 477,419 pinks, 17,309 sockeye and 2,890 coho. The effect of dropping catch rates in both Area 3 and at Tree Point were negated by stronger seine fleet sockeye catches while fishing pinks in the outer portion of Area 3. As a result, the total Nass sockeye total return estimate increased slightly to 640 thousand. By the end of this week the Nass sockeye TRTC estimate, based on mean run-timing to date, was estimated at 450,000, nearly half the pre-season estimate of 831,000. In addition, the fish wheel in-river escapement estimate reached 77,800 by July 18, well below the 10-year average of 136,000.

With continued poor Area 3 sockeye catches in Week 29 the Nass sockeye TRTC estimate continued to be much lower than the pre-season estimate. As of July 26, the estimated sockeye TRTC was 457,000 and the estimated escapement past the lower Nass fishwheels was 119,722 (decadal average 162,000). With continued large Area 3 pink salmon seine catches in the previous week and poor initial indications from the Area 6 chum salmon return, most of the seine fleet fished Area 3 during Week 30. The above average seine effort of 132 boat-days delivered 36,779 sockeye, 816,641 pink and 4,774 coho for four openings. The Area 3 gillnet fleet fished two 16-hour fishing periods. With one opening being coincident with an Area 4 gillnet opening, the Area 3 effort of 171 boat days was below average for the season. Deliveries for the week included 13,814 sockeye, 1,176 coho, 85,036 pink, 1,826 chum and 44 Chinook.

By the end of Week 31, stock assessment information indicated 154 thousand sockeye had escaped past the fishwheels and that just 32,826 adult sockeye had migrated past the Meziadin counting facility. With a Meziadin fishway sockeye count near one third the decadal average of 83 thousand, to August 2<sup>nd</sup>, concerns were raised regarding adequate escapement into the Nass system. The Nass sockeye in-season TRTC estimate increased slightly to 480,000. As a result, management measures were instituted to minimize the incidental interception of Nass sockeye during further pink directed openings. In addition, concerns over Area 3 chum stocks led to the restriction of chum non-possession and non-retention for the remainder of the seine fishing season. In the final week of Area 3 gillnet fishing just one 16-hour gillnet openings was allowed (coincident with an Area 4 opening), with the fleet being restricted to the outside portion of Area 3. The final gillnet opening was July 30, during which the much reduced gillnet effort of 3 boat-days harvested 824 sockeye, 161 coho, 743 pink, and 252 chum. Meanwhile, four 16-hour openings were scheduled for seines as pink returns remained very strong. With Area 3 pink salmon abundance peaking during this week the seine fleet delivered 41,863 sockeye, 13,710 coho and 925,059 pink from a cumulative effort of 129 boat-days.

Continued concerns for weaker than anticipated Nass sockeye returns led to the closure of the inner portion of Area 3 for the remainder of the season. With continued strong Area 3 pink salmon returns, seines were allowed to fish four 16-hour openings during Week 32 and, with 79 boat-days of effort, delivered 16,735 sockeye, 8,778 coho and 526,639 pinks. The Nass sockeye TRTC estimate decreased to 467,000 while the estimated sockeye escapement past the Nass fishwheels was 157 thousand. Meziadin sockeye escapement by August 9<sup>th</sup> was 59,134, below the decadal average of 69,700, to date.

During Week 33 the seine fleet fished four 16-hour fishing periods. Effort dropping to 33 boat-days for the week as a result of restrictions to sockeye retention and strong pink catches drawing a large portion of the fleet to Area 6. The reduced Area 3 seine fleet reported a total delivered catch of 4,497 sockeye, 4,030 and 157,877 pinks.

Week 34 was the final week of seine fishing in Area 3. With most of the fleet having left the area, very few vessels participated in the two 16-hour seine opportunities. A combined effort of 5 boat days delivered 686 coho and 15,837 pinks. The last fishing date for seines was August 21.

In 2007, gillnets fished an equivalent of 9 days during 14 openings for a total of 1,694 boat days of effort, equating to 64% of the decadal average of 2,628 boat days effort. While fishing an equivalent of 15 days during 22 openings, the seine fleet accumulated 478 boat-days of effort, an increase of 19% from the 1997-2006 average of 402 boat-days. In 2007, fifty-eight percent of the total seine effort was expended in sub-areas 3-1 to 3-4, which was well below the 1973-1984 average of 68 percent and the 1985-1998 average of 71 percent. The gillnet and seine sockeye delivered catches of 126,095 and 117,183, respectively, were lower than pre-season expectations for both fleets. The catch of 103,044 pink salmon by the gillnet fleet was lower than anticipated but the delivered catch of 2,919,472 by the seine fleet was close to the anticipated harvest for as returns to Canada were on target. Restricting access to the inner portion of Area 3 during the latter part of the season likely increased the interception of passing Area 4 pink stocks. Of the total Area 3 pink net catch, 56% (1,641,806) was taken in sub-areas 3-1 to 3-4. This was well below the 1973-1984 average of 73% and the 1985-98 average of 61%. Additional catch totals include 12,217 coho, 14,034 chum and 4,206 Chinook for the gillnet fleet, along with 34,868 coho and 11,974 chum for the seine fleet.

Preliminary net sockeye escapement estimates to the Nass area totalled 165,063, with 104,308 passing through the Meziadin fishway. Pink escapements for all stocks to Area 3 were generally near target levels with an aggregate total escapement of 588,684. Chum escapements to Area 3 were well below average in 2007, with a preliminary estimate of 17,207, while the Area 3 coho escapement is estimated to be over 47,640.

Table 24 outlines Area 3 escapements for 2007

## Area 4

The 2007 fishing plan for Area 4 was derived primarily to address concerns for wild Skeena sockeye stocks and weak Skeena chum stocks. Chum and steelhead non-possession and non-retention regulations were in place for both gear types for the duration of the fishing season. In addition, Chinook was a restricted species for the seine fleet. As in previous years the plan was developed around an abundance-based management scheme in an attempt to reduce exploitation of less productive Skeena sockeye while allowing variable harvest opportunities based on aggregate sockeye abundance. Overall, the intent was to reduce the aggregate-stock exploitation rate on Skeena sockeye in North Coastal marine net fisheries relative to the 1982-2002 base period. Skeena sockeye returns were forecast to be around 2.5 million fish, with a variable weekly harvest rate dependent on the presence of co-migrating stocks of concern. In-season abundance was determined by the Skeena test fishery, native food, social and ceremonial fish catches and commercial catches in other fishing areas in Northern BC and in southern Southeast Alaska.

Skeena River flow patterns were well above normal in 2007 due to abnormally high snow pack throughout the drainage. With well above normal winter and spring snow accumulations in the interior and coastal regions of the north, severe flooding and a longer than normal freshet were experienced on the Skeena. Excessive debris being transported down the Skeena during the early portion of the freshet delayed the Tyee Test fishery start date until June 15. With such abnormally high water conditions, early in-season Skeena River Tyee Test Fishery sockeye escapement estimates were viewed with caution with respect to their utility as a fisheries management tool. Summaries of the 2007 Area 4 weekly gillnet and seine catches and effort are provided in Tables 18 and 19.

The Area 4 gillnet fishery began on June 20 (Week 25) with one 30-hour opening scheduled to harvest Skeena Chinook salmon at a terminal location (sub-Area 4-15). Effort for the opening was 88 boat-days and the delivered catch of 2,413 Chinook was considered average. In Week 26, the fishery was opened for an additional 18 hours. The Chinook delivered catch for 67 boats-days of effort was 1,025 fish, giving a total directed Chinook catch of 3,438 pieces. The combined sockeye by-catch of 299 pieces was negligible.

Early in the 2007 Area 4 salmon season a number of issues were created due to extreme flooding and the extended freshet conditions. The later than normal start to the Tyee Test Fishery and concerns over the accuracy of Test Fishery sockeye index results due to higher than normal river flow conditions. The Babine River Counting Facility did not become fully operational until August 7<sup>th</sup>, after most of the early-timed Babine sockeye had migrated past the site. In addition, little commercial or First Nations FSC fishery information was available for stock strength assessment until the second week of July. For these reasons, Fisheries Management staff decided to exercise caution when making fisheries management decisions early in the season. As a result, in order to minimize impacts on weaker returning early-returning Skeena sockeye, the first 16-hour directed Skeena sockeye exploratory gillnet fishery was delayed 2 weeks to July 16. Good sockeye catches during the first opening led to a second Week 29 gillnet opening on July 19. The combined effort of 537 boat days delivered a catch of 140,286 sockeye, 767 coho, 9,453 pink and 507 Chinook.

By the beginning of Week 30 the estimated TRTC for Skeena sockeye was 1.7 million and Area 4 pink salmon arrived in strength. Strong showings of pinks in Areas 3 and 6 kept most of the seine fleet away from Area 4. Gillnets fished a single 16-hour opening to further harvest available Skeena sockeye while seines fished 2 openings coincident with Areas 3 and 6 seine opportunities in order to disperse the fleet. The seine fleet was confined to the outer portion of Area 4 in order to delay reaching domestic sockeye allocation limits while harvesting surplus pinks. The gillnet fleet harvested 56,027 sockeye, 508 coho, 26,172 pinks and 263 Chinook with 271 boat days effort while the seines delivered 9,320 sockeye, 862 coho and 31,211 pink after 21 boat days of combined effort.

Applying the estimated commercial net catch and Tyee Test fishery escapement to average run timing for Skeena sockeye to July 28 predicted a total return of 1.625 million. According to domestic sockeye harvest rules, the allowable sockeye harvest for the predicted return was 26.6%, or 432,000 pieces. In order for the gillnet fleet to harvest their sockeye allocation the fleet was allowed to fish three 16-hour openings during Week 31. The combined effort of 647 boat days harvested 99,147 sockeye, 2,687 coho, 216,230 pink and 472 Chinook. While still confined to the outer portion of Area 4, and with continued good pink catches in Areas 3 and 6, the small Area 4 seine fleet harvested 1,368 sockeye, 482 coho and 17,894 pink with 6 boat days effort.

With the gillnet fleet approaching their sockeye allocation, based on the Week 32 total return estimate of 1.75 million, one final 16-hour opening was scheduled. The 186 boat days effort harvested 24,738 sockeye, 502 coho, 78,015 pink and 87 Chinook. The final Area 4 gillnet opening was August 5. Meanwhile, with gillnets done for the season, the seine fleet was permitted to fish a larger portion of Area 4 during the latter half of the four 16-hour openings. The modest Area 4 seine effort of 37 boat days delivered 4,975 sockeye, 3,315 coho and 152,919 pink.

Continued large catches in Area 3 and Area 6 kept a large portion of the seine fleet away from Area 4 during Week 33. In addition, with the seine allocation being met, sockeye retention was not permitted for the last 2 openings of the week. The four 16-hour seine opportunities led to a harvest 2,257 sockeye, 2,177 coho and 101,547 pink with 20 boat days effort.

Week 34 was the final week of seine fishing in Area 4, during which sockeye continued to be a non-retention species. Continued strong pink catches in Area 6 kept most of the active north coast fleet away from Area 4. Just 1 boat day of effort was expended during the two 16-hour openings, during which 176 coho and 2,635 pink were harvested. The final Area 4 seine opening was August 21.

For 2007, gillnets fished 2 directed Chinook openings and 7 directed sockeye openings. A combined total fishing time of 6.7 days and a total effort of 1,796 gillnet boat-days compared to the 1990-99 average of 19.7 fishing days and 8,705 gillnet boat-days and a 1997-2006 decadal average of 11 fishing days and 3,557 boat days effort. Delivered catch totals for the gillnet fleet were 320,525 sockeye, 4,464 coho, 329,869 pink and 4,767 Chinook. Meanwhile, the seine fleet was permitted 13 openings during which the fleet accumulated 85 boat days effort over 8.7 days

of fishing. This compares to the 1997-2006 decadal average of 237 boat days effort over 8 days of fishing and a 1990-1999 average of 242 boat days effort over 8 days of fishing. The total seine fleet delivered catch was 17,921 sockeye, 7,015 coho and 305, 323 pink.

Due to extremely high water conditions, the Babine River counting facility was not operational until a significant proportion of the sockeye had escaped past the fence site. As a result, the escapement estimate was generated by applying the total counts from the 2 Babine Lake Development Program (BLDP) spawning facilities to the historic proportion of Babine Lake escapement accounted by the BLDP. Using this methodology resulted in an estimated cumulative Babine fence escapement of 992,238 sockeye. The preliminary net Skeena sockeye escapement estimate of 1.09 million was above the spawning target of 900,000. The preliminary estimate for total return of Skeena sockeye is 2.00 million. Although escapements of wild Babine sockeye stocks were variable, enhanced Babine stocks were above target, as were egg deposition estimates at the spawning channels. Pink escapements to most Coastal systems and Skeena tributaries were near or above target. Meanwhile, the Skeena chum escapement estimate was well below target.

Table 24 provides the 2007 Area 4 spawning escapement estimates.

## **Area 5**

As in past years, management of the Area 5 fishery during July was based on Skeena sockeye abundance with openings set to allow for exploitation of surplus Skeena sockeye and pink stocks. In mid to late August, Area 5 fisheries are managed to target local pink stocks. Chum and steelhead were non-possession and non-retention species for the duration of the fishing season for both fleets and Chinook were a restricted species for the seine fleet.

In 2007, surplus Skeena sockeye allowed for a 4 directed sockeye gillnet openings in Area 5, between July 16 and July 30. Meanwhile, passing Areas 4 and 6 and local Area 5 pink stocks were abundant enough to warrant 22 Area 5 directed pink fisheries, with latter openings being limited to the inside terminal areas specifically to harvest local pink surpluses. The first seine fishery took place on July 16, with the final opening being August 24. All gillnet and seine opportunities were 16-hours in duration. All gillnets were poorly attended, with 11 boat days effort over 2 equivalent days of fishing, compared to the 1997-2006 decadal average of 79 boat days effort over 7 equivalent days of fishing. The total Area 5 gillnet catch was 303 sockeye, 35 coho and 393 pink. The seine fleet accumulated 82 boat days effort during 15 fishing days compared to the 1997-2006 decadal average of 79 boat days and 7 days of fishing. The total delivered seine catch was 1,828 sockeye, 4,620 coho and 375,905 pink.

Tables 20 and 21 provide the weekly total Area 5 catch and effort for 2007.

The escapement to Area 5 of 14,150 sockeye and 1,125 chum were below target while the escapement estimate of 111,200 pink was near target.

The 2007 Area 5 escapement information is provided in Table 24.



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

### **Areas 3 (1-4) Pink Net Catch (Preliminary)**

For the year 2007, 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.

In the Canadian northern boundary area, above average pink salmon returns were anticipated for Area 3 (2.9 million) and for Area 4 (3.7 million). Actual Area 3 returns were as anticipated while the abundance of Area 4 pinks was less than anticipated. Average returns were expected for the SE Alaska pink stocks adjacent to the northern boundary area. With a Total Run of 52,342,936 Alaska District 101, 102 and 103 pink salmon in 2007, the AAH for the Area 3(1-4) net fleet was 1,035,664 Alaska District 101, 102 and 103 pink salmon. The 2007 Canadian pink catch in Sub-areas 3-1 to 3-4 was 1,740,271, with a preliminary estimate of the Alaska stock component of this catch being 1,422,130, or 3.42% of the AAH. This is above the allotted 2.49 % of the AAH.

The total Canadian pink catch of 1,740,271 in sub-areas 3-1 to 3-4 is higher than the 1985-2000 average catch of 1.46 million. The above average Area 3 pink harvest resulted from management restraints on Canadian net fisheries in Area 4 in order to minimize impacts on Skeena sockeye and increased outer Area 3 effort resulting from abundant pink salmon catches. The percentage of the 2007 Area 3 net catch taken in sub-areas (1-4) was 58 %, which equals the 1985-2000 average of 58%.

Pink escapements in 2007 generally were at or above target for the entire North Coast Area.

### **Area 1 Pink Troll Fishery (Preliminary)**

For the year 2007, Canada was to manage the Area 1 troll fishery 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. With a Total Run of 52,342,936 Alaska District 101, 102 and 103 pink salmon in 2007, the AAH for the Area 1 troll fishery was set at 1,068,938 pieces. The Canadian commercial troll fishery was open in the northern portion of Area 1 from June 15 to September 30. In addition, a directed pink fishery on the A-B line strip was permitted from July 1 - 24. These fisheries resulted in a total harvest of 61,276 pink salmon, with an estimated 55,418, or 90.4%, being of Alaskan origin. This equates to 0.13% of the AAH of 41,592,936 Alaskan Districts 101, 102 and 103 pink salmon, well below the annex agreement for 2.57 percent.

## ***2008 Salmon Forecast Northern British Columbia***

Expectations and fishing plans for 2008 are still preliminary. Specific opening dates and fishing patterns are determined through consultations with industry and since this process has not yet been completed, it is too early to provide details.

A summary of the forecasts for Areas 1, 3, 4, and 5 are provided in Table 25.

### **Area 1 Expectations**

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

***Pink*** No surplus is forecasted so a small seine assessment fishery is expected in Masset Inlet if a surplus is identified.

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

***Fishing Plans*** The fishing plans for net fisheries have not been established.

### **Area 3 Expectations**

***Sockeye*** A well below average sockeye total return of 350 thousand is expected, providing minimal to no Area 3 commercial harvest opportunity.

***Pink*** A Nass pink return of 1.1 million is expected to provide an Area 3 catch of 700 thousand, along with an anticipated interception of 750 thousand Alaskan pinks.

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

***Fishing Plans*** Well below average sockeye and pink opportunities are anticipated in Area 3 in 2008, with possible conservation measures to protect weak local chinook and chum stocks.

### **Area 4 Expectations**

***Sockeye*** The Skeena sockeye return is forecast to be 1.26 million. A harvestable surplus of 200,000 is possible. Some wild Skeena sockeye stocks remain a conservation concern and management actions are put in place to protect these stocks.

***Pink*** Skeena pink escapements were well below average in the brood year resulting in no surplus being forecast for harvest in 2008. Exploitation of this surplus will be carried out with restrictions to protect less abundant Skeena sockeye, coho and steelhead stocks.

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

***Fishing Plans*** Domestic management initiatives to respond to weaker Skeena sockeye stocks, Skeena coho management concerns and poor chum returns will be the key factors in developing the 2008 management plans.

### **Area 5 Expectations**

***Sockeye*** No local Area 5 sockeye fisheries are anticipated in 2008.

***Pink*** Local Area 5 pink returns in 2008 are expected to produce no surplus for harvest.

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

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

## TABLES

Table 1. Weekly commercial catch and fishing effort by opening in the 2007 Alaska District 101 purse seine fishery (preliminary).

Week/ Opening	Openings		Closures		Effort			Catch					
	Day	Date and Time	Day	Date and Time	Boats	Hours	Boat Hours	Chinook	Sockeye	Coho	Pink	Chum	Total
27	Sunday	7/1/2007 5:00	Sunday	7/1/2007 20:00	14	15	210	263	200	328	3,472	2,447	6,710
28	Sunday	7/8/2007 5:00	Sunday	7/8/2007 20:00	14	15	210	205	1,298	914	28,319	10,651	41,387
29	Sunday	7/15/2007 5:00	Sunday	7/15/2007 20:00	18	15	270	176	916	471	65,321	10,813	77,697
30	Sunday	7/22/2007 5:00	Sunday	7/22/2007 20:00	29	15	435	133	4,051	1,144	133,379	33,579	172,286
30B	Thursday	7/26/2007 5:00	Thursday	7/26/2007 20:00	23	15	345	144	3,041	1,378	192,810	21,511	218,884
31	Sunday	7/29/2007 5:00	Sunday	7/29/2007 20:00	23	15	345	57	2,775	842	187,357	15,767	206,798
31B	Wednesday	8/1/2007 5:00	Thursday	8/2/2007 20:00	22	39	858	39	4,295	1,645	370,442	26,462	402,883
32	Sunday	8/5/2007 5:00	Monday	8/6/2007 20:00	21	39	819	25	1,872	1,349	337,479	13,776	354,501
32B	Tuesday	8/7/2007 5:00	Wednesday	8/8/2007 20:00	26	39	1014	27	2,284	1,210	238,784	10,604	252,909
32C	Friday	8/10/2007 5:00	Saturday	8/11/2007 20:00	17	39	663	2	2,204	1,117	254,356	7,122	264,801
33	Sunday	8/12/2007 5:00	Monday	8/13/2007 20:00	13	39	507	0	1,840	979	222,612	5,874	231,305
33B	Wednesday	8/15/2007 6:00	Thursday	8/16/2007 21:00	19	39	741	0	1,353	1,118	198,261	4,667	205,399
33C	Friday	8/17/2007 6:00	Saturday	8/18/2007 21:00	17	39	663	0	1,276	1,004	149,245	4,446	155,971
34	Monday	8/20/2007 6:00	Tuesday	8/21/2007 21:00	14	39	546	0	945	820	110,915	2,785	115,465
34B	Wednesday	8/22/2007 6:00	Thursday	8/23/2007 21:00	11	39	429	0	541	341	42,748	1,141	44,771
35	Sunday	8/26/2007 6:00	Monday	8/27/2007 21:00	3	39	117	0	263	81	13,175	397	13,916
35B	Thursday	8/30/2007 6:00	Friday	8/31/2007 21:00	4	39	156	0	61	464	10,079	1,842	12,446
Season Total					62	519	8,328	1,071	29,215	15,205	2,558,754	173,884	2,778,129

Table 2. Weekly commercial catch and fishing effort by opening in the 2007 Alaska District 102 purse seine fishery (preliminary).

Week/ Opening	Openings		Closures		Effort			Catch					
	Day	Date and Time	Day	Date and Time	Boats	Hours	Boat Hours	Chinook	Sockeye	Coho	Pink	Chum	Total
25	Sunday	6/17/2007 5:00	Wednesday	6/20/2007 20:00	6	87	522	117	679	692	780	6,402	8,670
26	Sunday	6/24/2007 5:00	Wednesday	6/27/2007 20:00	23	87	2,001	919	1,825	6,937	12,402	76,350	98,433
27	Sunday	7/1/2007 5:00	Sunday	7/1/2007 20:00	20	15	300	113	193	518	469	14,656	15,949
27B	Monday	7/2/2007 5:00	Wednesday	7/4/2007 20:00	24	63	1,512	242	709	945	1,086	36,439	39,421
28	Sunday	7/8/2007 5:00	Sunday	7/8/2007 20:00	22	15	330	204	3,106	1,150	28,509	52,828	85,797
28B	Monday	7/9/2007 5:00	Wednesday	7/11/2007 20:00	34	63	2,142	243	2,685	2,699	37,436	90,557	133,620
29	Sunday	7/15/2007 5:00	Sunday	7/15/2007 20:00	26	15	390	91	1,628	1,041	83,482	44,367	130,609
30	Sunday	7/22/2007 5:00	Sunday	7/22/2007 20:00	17	15	255	110	2,573	1,479	74,322	35,739	114,223
30B	Thursday	7/26/2007 5:00	Thursday	7/26/2007 20:00	13	15	195	17	1,384	811	60,254	28,213	90,679
31	Sunday	7/29/2007 5:00	Sunday	7/29/2007 20:00	3	15	45	0	367	153	7,036	4,297	11,853
31B	Wednesday	8/1/2007 5:00	Thursday	8/2/2007 20:00	10	39	390	21	1,041	573	118,382	12,226	132,243
32	Sunday	8/5/2007 5:00	Wednesday	8/8/2007 20:00	28	87	2,436	63	5,226	2,823	801,872	14,136	824,120
32B	Friday	8/10/2007 5:00	Monday	8/13/2007 20:00	19	87	1,653	0	2,251	1,982	329,302	12,347	345,882
33	Wednesday	8/15/2007 6:00	Saturday	8/18/2007 21:00	27	87	2,349	0	3,050	3,288	542,086	20,090	568,514
34	Monday	8/20/2007 6:00	Thursday	8/23/2007 21:00	28	87	2,436	0	1,726	3,436	319,663	20,722	345,547
35	Sunday	8/26/2007 6:00	Monday	8/27/2007 21:00	21	39	819	0	827	1,639	153,880	11,397	167,743
35B	Thursday	8/30/2007 6:00	Friday	8/31/2007 21:00	10	39	390	0	230	913	28,591	16,710	46,444
37	Sunday	9/9/2007 7:00	Monday	9/10/2007 19:00	12	36	432	0	181	978	10,267	15,827	27,253
38	Monday	9/17/2007 7:00	Tuesday	9/18/2007 19:00	5	36	180	0	10	114	322	2,794	3,240
Season Total					83	927	18,777	2,140	29,691	32,171	2,610,141	516,097	3,190,240

Table 3. Weekly commercial catch and fishing effort by opening in the 2007 Alaska District 103 purse seine fishery (preliminary).

Week/ Opening	Openings		Closures		Effort			Catch					
	Day	Date and Time	Day	Date and Time	Boats	Hours	Boat Hours	Chinook	Sockeye	Coho	Pink	Chum	Total
31	Sunday	7/29/2007 5:00	Sunday	7/29/2007 20:00	4	15	60	57	3,090	223	80,682	1,375	85,427
31B	Wednesday	8/1/2007 5:00	Thursday	8/2/2007 20:00	27	39	1,053	89	10,475	1,997	837,652	19,454	869,667
32	Sunday	8/5/2007 5:00	Wednesday	8/8/2007 20:00	83	87	7,221	1,115	47,734	9,381	3,198,232	56,716	3,313,178
32B	Friday	8/10/2007 5:00	Monday	8/13/2007 20:00	80	87	6,960	1	30,432	8,687	2,345,897	51,592	2,436,609
33	Wednesday	8/15/2007 6:00	Saturday	8/18/2007 21:00	59	87	5,133	0	13,502	7,488	1,633,230	39,755	1,693,975
34	Monday	8/20/2007 6:00	Thursday	8/23/2007 21:00	48	87	4,176	0	7,545	4,763	716,997	28,211	757,516
35	Sunday	8/26/2007 6:00	Sunday	8/26/2007 12:00	11	6	66	0	839	279	53,132	4,809	59,059
35B	Sunday	8/26/2007 12:00	Monday	8/27/2007 21:00	13	33	429	0	1,910	574	105,437	8,462	116,383
35C	Thursday	8/30/2007 6:00	Friday	8/31/2007 21:00	10	39	390	0	766	856	73,543	9,809	84,974
37	Sunday	9/9/2007 7:00	Monday	9/10/2007 19:00		36	36	Confidential information, less than three boats fishing.					
38	Monday	9/17/2007 7:00	Tuesday	9/18/2007 19:00		36	36	Confidential information, less than three boats fishing.					
Season Total					116	552	25,560	1,262	116,399	34,310	9,051,675	228,941	9,432,587

Table 4. Weekly commercial catch and fishing effort by opening in the 2007 Alaska District 104 purse seine fishery (preliminary).

Week/ Opening	Openings		Closures		Effort			Catch					
	Day	Date and Time	Day	Date and Time	Boats	Hours	Boat Hours	Chinook	Sockeye	Coho	Pink	Chum	Total
27	Sunday	7/1/2007 5:00	Sunday	7/1/2007 17:00	23	12	276	364	7,406	3,066	40,542	19,415	70,793
28	Sunday	7/8/2007 5:00	Sunday	7/8/2007 17:00	35	12	420	361	17,547	2,906	78,627	38,210	137,651
29	Sunday	7/15/2007 8:00	Sunday	7/15/2007 16:00	49	8	392	262	21,619	3,414	125,917	22,897	174,109
30	Sunday	7/22/2007 5:00	Sunday	7/22/2007 17:00	48	12	576	386	42,332	3,789	547,055	27,251	620,813
30B	Thursday	7/26/2007 5:00	Thursday	7/26/2007 11:00	27	6	162	253	23,231	1,332	202,027	10,817	237,660
31	Sunday	7/29/2007 5:00	Sunday	7/29/2007 20:00	82	15	1,230	766	60,588	8,404	1,507,787	29,409	1,606,954
31B	Wednesday	8/1/2007 5:00	Thursday	8/2/2007 20:00	82	39	3,198	3,023	146,272	11,643	2,757,603	49,629	2,968,170
32	Sunday	8/5/2007 5:00	Sunday	8/5/2007 20:00	55	15	825	1,163	54,641	3,668	703,388	17,469	780,329
32B	Monday	8/6/2007 5:00	Monday	8/6/2007 20:00	39	15	585	841	28,761	2,586	540,314	10,620	583,122
32C	Tuesday	8/7/2007 5:00	Tuesday	8/7/2007 20:00	33	15	495	941	23,957	3,075	479,393	8,929	516,295
32D	Wednesday	8/8/2007 5:00	Wednesday	8/8/2007 20:00	46	15	690	922	26,790	3,739	576,163	9,946	617,560
32E	Friday	8/10/2007 5:00	Friday	8/10/2007 20:00	37	15	555	0	35,016	2,456	411,234	9,208	457,914
32F	Saturday	8/11/2007 5:00	Saturday	8/11/2007 20:00	46	15	690	0	35,889	3,677	471,687	13,304	524,557
33	Sunday	8/12/2007 5:00	Sunday	8/12/2007 20:00	41	15	615	0	34,914	3,656	423,408	12,935	474,913
33B	Monday	8/13/2007 5:00	Monday	8/13/2007 20:00	44	15	660	0	35,460	4,120	463,025	13,374	515,979
33C	Wednesday	8/15/2007 6:00	Wednesday	8/15/2007 21:00	39	15	585	0	27,621	2,722	309,909	13,852	354,104
33D	Thursday	8/16/2007 6:00	Thursday	8/16/2007 21:00	45	15	675	0	25,710	3,024	381,688	17,375	427,797
33E	Friday	8/17/2007 6:00	Friday	8/17/2007 21:00	31	15	465	0	21,089	2,682	262,522	12,452	298,745
33F	Saturday	8/18/2007 6:00	Saturday	8/18/2007 21:00	46	15	690	0	25,257	4,167	342,709	19,095	391,228
34	Monday	8/20/2007 6:00	Monday	8/20/2007 21:00	20	15	300	0	12,812	1,436	138,759	9,537	162,544
34B	Tuesday	8/21/2007 6:00	Tuesday	8/21/2007 21:00	24	15	360	0	14,005	1,701	147,918	11,292	174,916
34C	Wednesday	8/22/2007 6:00	Wednesday	8/22/2007 21:00	9	15	135	0	4,540	391	37,274	2,599	44,804
34D	Thursday	8/23/2007 6:00	Thursday	8/23/2007 21:00	30	15	450	0	16,071	1,624	172,144	12,977	202,816
35	Sunday	8/26/2007 6:00	Monday	8/27/2007 21:00	24	39	936	0	22,604	3,442	169,048	18,307	213,401
35B	Thursday	8/30/2007 6:00	Friday	8/31/2007 21:00	10	39	390	0	6,534	2,617	52,462	12,441	74,054
Season Total					122	422	16,355	9,282	770,666	85,337	11,342,603	423,340	12,631,228



Table 5. Weekly commercial catch and fishing effort by opening in the 2007 Alaska District 101 drift gillnet fishery (preliminary).

Openings			Closures		Effort			Catch					
Week/ Opening	Day	Date and Time	Day	Date and Time	Boats	Hours	Boat Hours	Chinook	Sockeye	Coho	Pink	Chum	Total
25	Sunday	6/17/2007 12:01	Thursday	6/21/2007 12:00	43	96	4,127	444	15,635	1,055	146	5,918	23,198
26	Sunday	6/24/2007 12:01	Thursday	6/28/2007 12:00	47	96	4,511	366	5,885	1,220	1,524	7,390	16,385
27	Sunday	7/1/2007 12:01	Thursday	7/5/2007 12:00	38	96	3,647	317	7,781	2,279	8,941	14,866	34,184
28	Sunday	7/8/2007 12:01	Thursday	7/12/2007 12:00	33	96	3,167	164	7,933	1,634	33,726	36,216	79,673
29	Sunday	7/15/2007 12:01	Tuesday	7/17/2007 12:00	35	48	1,679	66	3,573	627	25,776	20,811	50,853
30	Sunday	7/22/2007 12:01	Thursday	7/26/2007 12:00	32	96	3,071	62	6,215	1,454	52,528	35,057	95,316
31	Sunday	7/29/2007 12:01	Friday	8/3/2007 12:00	34	120	4,079	39	10,231	3,733	73,717	27,216	114,936
32	Sunday	8/5/2007 12:01	Friday	8/10/2007 12:00	35	120	4,199	28	5,575	2,728	67,639	16,517	92,487
33	Sunday	8/12/2007 12:01	Friday	8/17/2007 12:00	32	120	3,839	11	2,080	1,308	38,708	6,041	48,148
34	Sunday	8/19/2007 12:01	Friday	8/24/2007 12:00	24	120	2,880	5	825	1,088	26,276	6,958	35,152
35	Sunday	8/26/2007 12:01	Friday	8/31/2007 12:00	22	120	2,640	3	544	1,186	7,273	14,439	23,445
36	Sunday	9/2/2007 12:01	Wednesday	9/5/2007 12:00	24	72	1,728	2	403	2,058	2,843	19,749	25,055
37	Sunday	9/9/2007 12:01	Tuesday	9/11/2007 12:00	27	48	1,296	0	120	1,410	438	11,259	13,227
38	Sunday	9/16/2007 12:01	Tuesday	9/18/2007 12:00	18	48	864	0	18	3,472	12	6,433	9,935
39	Sunday	9/23/2007 12:01	Tuesday	9/25/2007 12:00	15	48	720	0	4	2,141	1	4,084	6,230
40	Sunday	9/30/2007 12:01	Tuesday	10/2/2007 12:00		48	48	Confidential information, less than three boats fishing.					
Season Total					56	1,392	42,496	1,507	66,822	27,503	339,548	233,118	668,498

Table 6. Weekly commercial catch and fishing effort by opening in the 2007 Alaska District 106 drift gillnet fishery (preliminary).

Opening s			Closures		Effort			Catch					
Week/ Opening	Day	Date and Time	Day	Date and Time	Boats	Hours	Boat Hours	Chinook	Sockeye	Coho	Pink	Chum	Total
24	Sunday	6/10/2007 12:01	Tuesday	6/12/2007 12:00	14	48	672	176	1,288	254	93	659	2,470
25	Sunday	6/17/2007 12:01	Friday	6/22/2007 12:00	55	120	6,599	629	20,884	5,017	5,292	13,826	45,648
26	Sunday	6/24/2007 12:01	Thursday	6/28/2007 12:00	76	96	7,294	605	25,320	8,027	17,953	21,648	73,553
27	Sunday	7/1/2007 12:01	Wednesday	7/4/2007 12:00	76	72	5,470	136	5,687	4,857	11,265	17,000	38,945
28	Sunday	7/8/2007 12:01	Wednesday	7/11/2007 12:00	78	72	5,614	133	9,638	6,935	20,195	44,761	81,662
29	Sunday	7/15/2007 12:01	Wednesday	7/18/2007 12:00	77	72	5,542	85	9,490	4,285	52,642	52,660	119,162
30	Sunday	7/22/2007 12:01	Tuesday	7/24/2007 12:00	60	48	2,879	50	6,723	2,809	32,732	33,844	76,158
31	Sunday	7/29/2007 12:01	Tuesday	7/31/2007 12:00	32	48	1,535	9	2,701	1,244	31,217	9,158	44,329
32	Sunday	8/5/2007 12:01	Tuesday	8/7/2007 12:00	31	48	1,487	4	2,803	1,067	28,959	7,721	40,554
33	Sunday	8/12/2007 12:01	Thursday	8/16/2007 12:00	57	96	5,471	4	3,971	2,793	80,769	7,312	94,849
34	Sunday	8/19/2007 12:01	Thursday	8/23/2007 12:00	44	96	4,223	2	2,361	3,946	71,771	16,677	94,757
35	Sunday	8/26/2007 12:01	Thursday	8/30/2007 12:00	66	96	6,335	2	1,121	4,850	24,762	20,744	51,479
36	Sunday	9/2/2007 12:01	Tuesday	9/4/2007 12:00	69	48	3,311	2	356	6,972	4,762	21,001	33,093
37	Sunday	9/9/2007 12:01	Tuesday	9/11/2007 12:00	74	48	3,551	1	76	7,277	842	16,667	24,863
38	Sunday	9/16/2007 12:01	Tuesday	9/18/2007 12:00	54	48	2,591	4	37	12,243	64	10,114	22,462
39	Sunday	9/23/2007 12:01	Wednesday	9/26/2007 12:00	33	72	2,375	3	5	6,696	1	3,868	10,573
40	Sunday	9/30/2007 12:01	Tuesday	10/2/2007 12:00	17	48	816	3	0	1,301	0	448	1,752
Season Total					153	1,176	65,766	1,848	92,461	80,573	383,319	298,108	856,309

Table 7. Weekly commercial catch and fishing effort by opening in the 2007 Annette Island Reserve purse seine fishery (preliminary).

Week/ Opening	Openings		Closures		Effort			Catch					
	Day	Date and Time	Day	Date and Time	Boats	Hours	Boat Hours	Chinook	Sockeye	Coho	Pink	Chum	Total
25	Thursday	6/21/2007 5:00	Friday	6/22/2007 20:00	1	39	39	18	32	43	109	38	240
26	Friday	6/29/2007 5:00	Friday	6/29/2007 20:00	1	15	15	15	126	54	877	129	1,201
27	Sunday	7/1/2007 5:00	Sunday	7/1/2007 20:00	1	15	15	8	49	20	713	374	1,164
27B	Thursday	7/5/2007 5:00	Thursday	7/5/2007 20:00	1	15	15	7	61	37	8,246	933	9,284
28	Monday	7/9/2007 5:00	Monday	7/9/2007 20:00	1	15	15	8	153	50	9,392	957	10,560
28B	Wednesday	7/11/2007 5:00	Wednesday	7/11/2007 20:00	1	15	15	23	98	64	11,370	2,320	13,875
28C	Friday	7/13/2007 5:00	Friday	7/13/2007 20:00	1	15	15	19	283	77	31,262	3,758	35,399
29	Sunday	7/15/2007 5:00	Sunday	7/15/2007 20:00	1	15	15	21	273	55	15,504	2,935	18,788
29B	Tuesday	7/17/2007 5:00	Tuesday	7/17/2007 20:00	1	15	15	10	330	67	23,079	2,874	26,360
29C	Thursday	7/19/2007 5:00	Thursday	7/19/2007 20:00	1	15	15	17	612	62	32,139	3,563	36,393
30	Monday	7/23/2007 5:00	Monday	7/23/2007 20:00	1	15	15	14	477	175	34,216	2,599	37,481
30B	Wednesday	7/25/2007 5:00	Wednesday	7/25/2007 20:00	1	15	15	6	881	118	51,902	3,421	56,328
30C	Friday	7/27/2007 5:00	Friday	7/27/2007 20:00	1	15	15	0	545	95	43,918	1,763	46,321
31	Sunday	7/29/2007 5:00	Sunday	7/29/2007 20:00	1	15	15	4	432	67	28,165	1,793	30,461
31B	Tuesday	7/31/2007 5:00	Tuesday	7/31/2007 20:00	1	15	15	3	397	83	24,219	1,097	25,799
31C	Thursday	8/2/2007 5:00	Thursday	8/2/2007 20:00	1	15	15	0	163	47	16,837	517	17,564
32	Monday	8/6/2007 5:00	Monday	8/6/2007 20:00	1	15	15	2	167	149	33,397	794	34,509
32B	Wednesday	8/8/2007 5:00	Wednesday	8/8/2007 20:00	1	15	15	0	206	99	31,855	923	33,083
32C	Thursday	8/9/2007 5:00	Friday	8/10/2007 20:00	1	39	39	0	213	66	48,267	572	49,118
33	Sunday	8/12/2007 5:00	Monday	8/13/2007 20:00	1	39	39	0	280	284	60,275	781	61,620
33B	Wednesday	8/15/2007 5:00	Thursday	8/16/2007 20:00	1	39	39	0	220	228	50,288	608	51,344
34	Sunday	8/19/2007 5:00	Monday	8/20/2007 20:00	1	39	39	0	208	255	37,645	753	38,861
34B	Wednesday	8/22/2007 5:00	Thursday	8/23/2007 20:00	1	39	39	0	52	96	10,037	394	10,579
37	Sunday	9/9/2007 6:00	Monday	9/10/2007 20:00	1	38	38	0	2	770	0	1,416	2,188
38	Sunday	9/16/2007 6:00	Sunday	9/16/2007 20:00	1	14	14	0	0	705	0	353	1,058
38B	Tuesday	9/18/2007 6:00	Tuesday	9/18/2007 20:00	1	14	14	0	0	99	0	1,356	1,455
38C	Friday	9/21/2007 6:00	Friday	9/21/2007 20:00	1	14	14	0	0	167	0	142	309
39	Sunday	9/23/2007 6:00	Sunday	9/23/2007 20:00	1	14	14	0	0	423	0	176	599
39B	Tuesday	9/25/2007 6:00	Tuesday	9/25/2007 20:00	1	14	14	0	0	66	0	61	127
Season Total					1	597	597	175	6,260	4,521	603,712	37,400	652,068

Table 8. Weekly commercial catch and fishing effort by opening in the 2007 Annette Island Reserve gillnet fishery (preliminary).

Openings			Closures		Effort			Catch					
Week/ Opening	Day	Date and Time	Day	Date and Time	Boats	Hours	Boat Hours	Chinook	Sockeye	Coho	Pink	Chum	Total
24	Sunday	6/10/2007 12:00	Wednesday	6/13/2007 12:00	1	72	72	33	47	8	3	16	107
25	Sunday	6/17/2007 12:00	Friday	6/22/2007 12:00	1	120	120	171	2,801	276	2,122	2,338	7,708
26	Sunday	6/24/2007 12:00	Thursday	6/28/2007 12:00	1	96	96	96	656	144	2,076	1,424	4,396
27	Sunday	7/1/2007 12:00	Thursday	7/5/2007 12:00	1	96	96	93	574	160	4,744	3,360	8,931
28	Sunday	7/8/2007 12:00	Friday	7/13/2007 12:00	1	120	120	193	1,445	476	22,187	18,363	42,664
29	Sunday	7/15/2007 12:00	Friday	7/20/2007 12:00	1	120	120	119	1,706	328	19,785	20,703	42,641
30	Sunday	7/22/2007 12:00	Friday	7/27/2007 12:00	1	120	120	120	2,565	588	36,220	27,941	67,434
31	Sunday	7/29/2007 12:00	Friday	8/3/2007 12:00	1	120	120	20	1,056	348	19,479	7,363	28,266
32	Sunday	8/5/2007 12:00	Friday	8/10/2007 20:00	1	128	128	10	1,303	422	44,211	4,459	50,405
33	Sunday	8/12/2007 12:00	Friday	8/17/2007 12:00	1	120	120	1	692	349	46,644	2,949	50,635
34	Sunday	8/19/2007 12:00	Friday	8/24/2007 12:00	1	120	120	1	273	532	18,598	2,602	22,006
35	Sunday	8/26/2007 12:00	Friday	8/31/2007 12:00	1	120	120	0	65	421	4,637	2,852	7,975
36	Sunday	9/2/2007 12:00	Friday	9/7/2007 12:00	1	120	120	0	111	4,681	1,496	22,941	29,229
37	Sunday	9/9/2007 12:00	Thursday	9/13/2007 12:00	1	96	96	0	6	2,785	0	9,286	12,077
38	Sunday	9/16/2007 12:00	Friday	9/21/2007 12:00	1	120	120	0	0	9,200	0	20,373	29,573
39	Sunday	9/23/2007 12:00	Friday	9/28/2007 12:00	1	120	120	0	0	4,961	0	5,532	10,493
40	Sunday	9/30/2007 12:00	Thursday	10/4/2007 12:00	1	96	96	0	0	2,369	0	575	2,944
41	Sunday	10/7/2007 12:00	Wednesday	10/10/2007 12:00	1	72	72	0	0	743	0	100	843
Season Total					1	1,976	1,976	857	13,300	28,791	222,202	153,177	418,327

**Table 9.** Southern Southeast Alaska pink salmon escapement indices by stock group and district for 2007 (in millions).

Stock Group	District	Total Pink Salmon Index for 2007	Lower Management Target	Upper Management Target	Met Minimum Escapement Target	Exceeded Escapement Target	Recent 10-year Average
E Behm	101	2.54	0.84	1.89	+		1.81
Portland	101	0.56	0.17	0.37	+		0.39
W Behm	101	0.90	0.33	0.74	+		0.61
Kasaan	102	1.55	0.34	0.93	+		1.07
Moirra	102	0.16	0.06	0.17			0.11
E Dall	103	0.44	0.16	0.36	+		0.31
Hetta	103	0.87	0.30	0.68	+		0.76
Klawock	103	2.21	0.52	1.17	+		1.34
Sea Otter Sound	103	0.21	0.15	0.33			0.26
Affleck Canal	105	0.23	0.20	0.38			0.46
Shipley Bay	105	0.21	0.14	0.27			0.44
Burnett	106	0.14	0.10	0.20			0.21
Ratz Harbor	106	0.14	0.10	0.21			0.21
Totem Bay	106	0.06	0.07	0.15	-		0.22
Whale Pass	106	0.16	0.13	0.28			0.24
Anan	107	0.52	0.32	0.68			0.49
Union Bay	107	0.12	0.08	0.17			0.14
Stikine	108	0.05	No Target				0.06
Total District 101		3.99	1.33	3.00	-		2.81
Total District 102		1.71	0.40	1.10	+		1.19
Total District 103		3.73	1.13	2.55	+		2.67
Total District 105		0.44	0.33	0.65	-		0.90
Total District 106		0.50	0.40	0.85	-		0.88
Total District 107		0.64	0.40	0.85	-		0.63
Total District 108		0.05	No Target				0.06
Southern Southeast Alaska Total		11.1 million	4.0 million	9.0 million	+		9.1 million

Table 10. Department of Fisheries and Oceans commercial salmon harvest report, Area 1 gillnet weekly sales slip catch, 2007 (Preliminary).

JULIAN WEEK	STAT. WEEK	WEEK	CATCH						BOAT DAYS	HOUR	DAYS FISHING*
		ENDING DATE	SOCKEYE	COHO	PINK	CHUM	CHINOOK	TOTAL		S OPEN	
LOCAL FISHERY											
TOTAL LOCAL FISHERY			(No fisheries on local stocks)								
FISHERY ON PASSING STOCKS			(No fishery on passing stocks)								
TOTAL FISHERY ON											
PASSING STOCKS			-	-	-	-	-	-	-	-	-
TOTAL AREA 1 GN FISHERY			-	-	-	-	-	-	-	-	-

NOTE: 2007 CATCH FIGURES ARE BASED ON SALES SLIP DATA (to December 14, 2007).

\*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 seine weekly sales slip catch, 2007 (preliminary).

WEEK			CATCH						BOAT DAYS	HOURS OPEN	DAYS FISHING*
JULIAN WEEK	STAT. WEEK	ENDING DATE	SOCKEYE	COHO	PINK	CHUM	CHINOOK	TOTAL			
LOCAL FISHERY			(No fishery on local stocks)								
TOTAL LOCAL FISHERY			-	-	-	-	-	-	-	-	-
FISHERY ON PASSING STOCKS			(No fishery on passing stocks)								
TOTAL AREA 1 SN FISHERY			-	-	-	-	-	-	-	-	-

NOTE: 2007 CATCH FIGURES ARE BASED ON SALES SLIP DATA (to December 14, 2007).

\*DAYS FISHING: HOURS OF FISHING ARE REPRESENTED AS A PORTION OF A 24-HOUR DAY.

**Table 12.** Department of Fisheries and Oceans commercial salmon harvest report, Area 1 troll weekly hail catch 2007 (preliminary).

JULIAN WEEK	STAT. WEEK	ENDING DATE	SOCKEYE	COHO	PINK	CHUM	CHINOOK	TOTAL	BOAT DAYS	HOUR S OPEN	**DAYS FISHING
FISHERY ON PASSING STOCKS											
24	W/E 6-2	JUN 16	0	0	128	0	5,431	5,559	83	168	7
25	W/E 6-3	23	15	0	540	0	16,233	16,788	315	168	7
26	W/E 6-4	30	0	0	464	0	11,759	12,223	305	168	7
27	W/E 7-1	JUL 07	3	267	408	2	8,144	8,824	329	168	7
28	W/E 7-2	14	128	2,392	6,811	52	5,811	15,194	330	168	7
29	W/E 7-3	21	557	5,711	19,936	289	2,619	29,112	258	168	7
30	W/E 7-4	28	745	45,421	12,355	104	3,562	62,187	441	168	7
31	W/E 7-5	AUG 04	530	26,181	7,768	39	4,416	38,934	426	168	7
32	W/E 8-1	11	461	14,566	7,368	46	4,912	27,353	413	168	7
33	W/E 8-2	18	252	6,336	4,858	44	4,824	16,314	333	168	7
34	W/E 8-3	25	50	6,177	1,490	32	closed	7,749	96	168	7
35	W/E 8-4	SEP 01	8	806	333	1	closed	1,148	37	168	7
36	W/E 9-1	8	0	738	57	0	closed	795	22	168	7
37	W/E 9-2	15	0	95	0	0	closed	95	7	168	7
38	W/E 9-3	22	0	4	0	0	closed	4	1	168	7
39	W/E 9-4	29	0	7	2	0	closed	9	1	24	1
TOTAL FISHERY ON PASSING STOCKS			2,749	108,701	61,276	609	67,711	242,288	3,397	2,544	106
NO LOCAL FISHERY											
TOTAL AREA 1 TROLL FISHERY			2,749	108,701	61,276	609	67,711	242,288	3,397	2,544	106

NOTE: 2007 CATCH FIGURES ARE BASED ON PHONE-IN HAIL DATA (FOS), AS SALES SLIP DATA NOT FINALISED.

\*INCLUDES FISH CAPTURED DURING TEST FISHERY

\*\*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 (1-4) gillnet weekly sales slip catch), 2007 (preliminary).

JULIAN WEEK	STAT. WEEK	WEEK ENDIN G	CATCH						BOAT	HOURS	DAYS
		DATE	SOCKEYE	COHO	PINK	CHUM	CHINOO K	TOTAL	DAYS	OPEN	FISHING *
24	6-2	JUN 16	1,200	4	0	28	155	1,387	29	16	0.7
25	6-3	23	5,581	174	1	94	308	6,158	65	32	1.3
26	6-4	30	3,266	1,512	169	562	133	5,642	61	32	1.3
27	7-1	JUL 07	5,443	1,558	566	1,083	79	8,729	83	32	1.3
28	7-2	14	7,353	1,632	5,124	2,241	62	16,411	122	32	1.3
29	7-3	21	1,838	206	1,022	417	0	3,484	13	32	1.3
30	7-4	28	6,096	489	20,955	1,301	12	28,854	78	32	1.3
31	7-5	AUG 04	824	161	743	252	0	1,980	3	16	0.7
TOTAL S			31,601	5,737	28,579	5,979	749	72,645	454	224	9.3

NOTE: 2007 CATCH FIGURES ARE BASED ON SALES SLIP DATA (to December 14, 2007).

\*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 (7-17) gillnet weekly sales slip catch, 2007 (preliminary).

JULIAN WEEK	STAT. WEEK	WEEK ENDIN G	CATCH						BOAT	HOUR S	DAYS FISHING *
		DATE	SOCKEYE	COHO	PINK	CHUM	CHINOO K	TOTAL	DAYS	OPEN	
24	6-2	JUN 16	2730	6	0	63	352	3,151	67	16	0.7
25	6-3	23	15458	469	6	218	852	17,004	165	32	1.3
26	6-4	30	25380	1562	325	1506	1050	29,823	291	32	1.3
27	7-1	JUL 07	27502	2039	2080	2269	784	34,674	336	32	1.3
28	7-2	14	15704	1717	7972	3474	387	29,255	289	32	1.3
29	7-3	21	0	0	0	0	0	0	closed	closed	closed
30	7-4	28	7718	687	64082	525	32	73,043	93	32	1.3
31	7-5	AUG 04	0	0	0	0	0	0	closed	closed	closed
TOTAL S			94,494	6,480	74,465	8,055	3,457	186,951	1,240	176	7.3

NOTE: 2007 CATCH FIGURES ARE BASED ON SALES SLIP DATA (to December 14, 2007).

\*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, total Area 3 weekly gillnet sales slip catch 2007 (preliminary).

JULIAN WEEK	STAT. WEEK	WEEK	CATCH						BOAT DAYS	HOUR	DAYS FISHING *
		ENDING DATE	SOCKEY E	COHO	PINK	CHUM	CHINOO K	TOTAL		S OPEN	
24	6-2	JUN 16	3,931	10	-	91	507	4,539	96	16	0.7
25	6-3	23	21,039	643	7	312	1,160	23,162	230	32	1.3
26	6-4	30	28,646	3,074	493	2,068	1,183	35,465	352	32	1.3
27	7-1	JUL 07	32,945	3,597	2,646	3,352	863	43,404	419	32	1.3
28	7-2	14	23,057	3,349	13,096	5,716	449	45,667	411	32	1.3
29	7-3	21	1,838	206	1,022	417	-	3,484	13	32	1.3
30	7-4	28	13,814	1,176	85,036	1,826	44	101,897	171	32	1.3
31	7-5	AUG 04	824	161	743	252	-	1,980	3	16	0.7
TOTALS			126,095	12,217	103,044	14,034	4,206	259,596	1,694	224	9.3

NOTE: 2007 CATCH FIGURES ARE BASED ON SALES SLIP DATA (to December 14, 2007).

\*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 3 Entrance (sub-areas 3-1 to 3-4) weekly seine sales slip catch, 2007 (preliminary).

JULIAN WEEK	STAT. WEEK	WEEK ENDIN G	CATCH					TOTAL	BOAT	HOURS	DAYS
		DATE	SOCKEYE	COHO	PINK	CHUM	CHINOOK		DAYS	OPEN	FISHING *
29	7-3	JUL 21	9,733	1,887	347,344	0	0	358,964	63	64	2.7
30	7-4	28	30,445	3,342	469,101	0	0	502,888	73	64	2.7
31	7-5	AUG 04	32,266	9,204	613,482	7,997	0	662,949	87	64	2.7
32	8-1	11	9,330	4,142	223,183	0	0	236,655	39	64	2.7
33	8-2	18	1,029	1,558	60,030	0	0	62,617	14	64	2.7
34	8-3	25	0	156	3,131	0	0	3,287	1	32	1.3
TOTAL S			82,803	20,289	1,716,271	7,997	0	1,827,360	277	352	14.7

NOTE: 2006 CATCH FIGURES ARE BASED ON SALES SLIP DATA (to December 4, 2006).

\*DAYS FISHING: HOURS OF FISHING ARE REPRESENTED AS A PORTION OF A 24-HOUR DAY.

**Table 17.** Department of Fisheries and Oceans commercial salmon harvest report, Area 3 Inside (sub-areas 7 to 17) purse seine sales slip catch, 2007 (preliminary).

JULIAN WEEK	STAT. WEEK	WEEK ENDIN G	CATCH						BOAT	HOUR S	DAYS FISHING *
		DATE	SOCKEYE	COHO	PINK	CHUM	CHINOO K	TOTAL	DAYS	OPEN	
29	7-3	JUL 21	7,576	1,003	130,075	0	0	138,654	37	64	3
30	7-4	28	6,334	1,432	347,540	0	0	355,306	59	64	3
31	7-5	AUG 04	9,597	4,506	311,577	3,977	0	329,657	41	64	3
32	8-1	11	7,405	4,636	303,456	0	0	315,497	41	64	3
33	8-2	18	3,468	2,472	97,847	0	0	103,787	19	64	3
34	8-3	25	0	530	12,706	0	0	13,236	3	32	1
TOTAL S			34,380	14,579	1,203,201	3,977	0	1,256,137	201	352	14.7

NOTE: 2006 CATCH FIGURES ARE BASED ON SALES SLIP DATA (to December 4, 2006).

\*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, total Area 3 purse seine sales slip catch. 2007 (preliminary).

JULIAN WEEK	STAT. WEEK	WEEK	CATCH						BOAT DAYS	HOUR S	DAYS FISHING *
		ENDING DATE	SOCKEY E	COHO	PINK	CHUM	CHINOO K	TOTAL		OPEN	
29	7-3	JUL 21	17,309	2,890	477,419	closed	closed	497,618	100	64	2.7
30	7-4	28	36,779	4,774	816,641	closed	closed	858,194	132	64	2.7
31	7-5	AUG 04	41,863	13,710	925,059	11,974	closed	992,606	129	64	2.7
32	8-1	11	16,735	8,778	526,639	closed	closed	552,152	79	64	2.7
33	8-2	18	4,497	4,030	157,877	closed	closed	166,404	33	64	2.7
34	8-3	25	closed	686	15,837	closed	closed	16,523	5	32	1.3
TOTALS			117,183	34,868	2,919,472	11,974	-	3,083,497	478	352	14.7

NOTE: 2007 CATCH FIGURES ARE BASED ON SALES SLIP DATA (to December 14, 2007).

\*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 3 troll hail catch, 2007 (preliminary).

WEEK			CATCH						HOUR		DAYS FISHING *
JULIAN	STAT.	ENDING	SOCKEY	COHO	PINK	CHUM	CHINOO	TOTAL	BOAT	S	
WEEK	WEEK	DATE	E				K		DAYS	OPEN	
(No troll fisheries in Area 3 during the 2007 season.)											
TOTALS			-	-		-	-		-	-	-

NOTE: 2007 CATCH FIGURES ARE BASED ON SALES SLIP DATA (to December 14, 2007).

\*DAYS FISHING: HOURS OF FISHING ARE REPRESENTED AS A PORTION OF A 24-HOUR DAY.

**Table 20.** Department of Fisheries and Oceans commercial salmon harvest report, Area 4 gillnet sales slip catch, 2007 (preliminary).

JULIAN	STAT.	WEEK ENDING	CATCH						BOAT	HOURS	DAYS FISHING
WEEK	WEEK	DATE	SOCKEYE	COHO	PINK	CHUM	CHINOO K	TOTAL	DAYS	OPEN	*
25	6-3	JUN 23	105	0	0	0	2,413	2,518	88	30	1.3
26	6-4	30	194	0	0	0	1,025	1,219	67	18	0.8
27	7-1	JUL 07	0	0	0	0	0	0	closed	closed	0.0
28	7-2	14	0	0	0	0	0	0	closed	closed	0.0
29	7-3	21	140,286	767	9,453	0	507	151,014	537	32	1.3
30	7-4	28	56,027	508	26,172	0	263	82,970	271	16	0.7
31	7-5	AUG 04	99,174	2,687	216,230	0	472	318,562	647	48	2.0
32	7-5	11	24,738	502	78,015	0	87	103,343	186	16	0.7
TOTALS			320,525	4,464	329,869	0	4,767	659,625	1,796	160	6.7

NOTE: 2007 CATCH FIGURES ARE BASED ON SALES SLIP DATA (to December 14, 2007).

\*DAYS FISHING: HOURS OF FISHING ARE REPRESENTED AS A PORTION OF A 24-HOUR DAY.



**Table 21.** Department of Fisheries and Oceans commercial salmon harvest report, Area 4 purse seine sales slip catch, 2007 (preliminary).

JULIAN	STAT.	WEEK ENDING						CATCH	BOAT	HOURS	DAYS FISHING
WEEK	WEEK	DATE	SOCKEYE	COHO	PINK	CHUM	CHINOOK	TOTAL	DAYS	OPEN	*
30	7-4	JUL 28	9,320	862	31,211	closed	closed	41,393	21	32	1.3
31	7-5	AUG 04	1,368	482	17,894	closed	closed	19,744	6	16	0.7
32	7-5	11	4,975	3,315	152,919	closed	closed	161,209	37	64	2.7
33	8-2	18	2,257	2,177	101,547	closed	closed	105,982	20	64	2.7
34	8-3	25	0	179	1,751	closed	closed	1,931	1	32	1.3
TOTALS			17,921	7,015	305,323	closed	closed	330,259	85	208	8.7

NOTE: 2007 CATCH FIGURES ARE BASED ON SALES SLIP DATA (to December 14, 2007).

\*DAYS FISHING: HOURS OF FISHING ARE REPRESENTED AS A PORTION OF A 24-HOUR DAY.

**Table 22.** Department of Fisheries and Oceans commercial salmon harvest report, Area 4 troll sales slip catch, 2007 (preliminary).

JULIAN	STAT.	WEEK ENDING	CATCH						BOAT	HOURS	DAYS FISHING
WEEK	WEEK	DATE	SOCKEYE	COHO	PINK	CHUM	CHINOOK	TOTAL	DAYS	OPEN	*
30	W/E 7-4	JUL 28	258	10,285	1,618	5	38	12,204	48	168	7.0
31	W/E 7-5	AUG 04	6	6,761	1,130	1	33	7,931	45	168	7.0
32	W/E 8-1	11	1	2,412	972	1	17	3,403	25	168	7.0
33	W/E 8-2	18	14	9,185	1,612	6	39	10,856	75	168	7.0
34	W/E 8-3	25	1	6,543	709	8	3	7,264	87	168	7.0
35	W/E 8-4	SEP 01	closed	334	37	closed	closed	371	16	168	7.0
36	W/E 9-1	8	closed	515	16	closed	closed	531	14	168	7.0
37	W/E 9-2	15	closed	216	0	closed	closed	216	6	168	7.0
38	W/E 9-3	22	closed	335	0	closed	closed	335	4	24	1.0
TOTAL FISHERY ON											
PASSING STOCKS			280	36,586	6,094	21	130	43,111	320	1,368	57.0

NOTE: 2007 CATCH FIGURES ARE BASED ON PHONE-IN HAIL DATA (FOS), AS SALES SLIP DATA NOT FINALISED.

\*DAYS FISHING: HOURS OF FISHING ARE REPRESENTED AS A PORTION OF A 24-HOUR DAY.

**Table 23.** Department of Fisheries and Oceans commercial salmon harvest report, Area 5 gillnet sales slip catch, 2007 (preliminary).

JULIAN WEEK	STAT. WEEK	WEEK ENDING DATE	CATCH						BOAT DAYS	HOURS OPEN	DAYS FISHING *
			SOCKEYE	COHO	PINK	CHUM	CHINOOK K	TOTAL			
29	7-2	JUL 21	273	31	373	closed	0	676	10	16	0.7
30	7-4	28	30	4	20	closed	0	55	1	16	0.7
31	7-5	AUG 04	0	0	0	closed	0	0	0	16	0.7
TOTALS			303	35	393	closed	0	731	11	48	2.0

NOTE: 2007 CATCH FIGURES ARE BASED ON SALES SLIP DATA (to December 14, 2007).

\*DAYS FISHING: HOURS OF FISHING ARE REPRESENTED AS A PORTION OF A 24-HOUR DAY.

**Table 24.** Department of Fisheries and Oceans commercial salmon harvest report, Area 5 seine sales slip catch, 2007 (preliminary).

JULIAN WEEK	STAT. WEEK	WEEK ENDING	CATCH						BOAT	HOURS	DAYS
		DATE	SOCKEYE	COHO	PINK	CHUM	CHINOOK	TOTAL	DAYS	OPEN	FISHING *
29	7-3	JUL 21	425	146	4,331	closed	closed	4,903	7	64	2.7
30	7-4	28	0	0	0	closed	closed	0	0	32	1.3
31	7-5	AUG 04	461	555	66,000	closed	closed	67,016	11	64	2.7
32	7-5	11	421	901	74,200	closed	closed	75,522	12	64	2.7
33	8-2	18	520	2,223	156,197	closed	closed	158,940	30	64	2.7
34	8-3	25	0	795	75,176	closed	closed	75,972	22	64	2.7
TOTALS			1,828	4,620	375,905	closed	closed	382,353	82	352	14.7

NOTE: 2007 CATCH FIGURES ARE BASED ON SALES SLIP DATA (to December 14, 2007).

\*DAYS FISHING: HOURS OF FISHING ARE REPRESENTED AS A PORTION OF A 24-HOUR DAY.

**Table 25.** Department of Fisheries and Oceans commercial salmon harvest report, Area 5 troll sales slip catch, 2007 (preliminary).

JULIAN WEEK	STAT. WEEK	WEEK ENDING	CATCH						BOAT	HOURS	DAYS
		DATE	SOCKEYE	COHO	PINK	CHUM	CHINOOK	TOTAL	DAYS	OPEN	FISHING *
30	W/E 7-4	JUL 28	0	0	0	0	0	0	0	168	7
31	W/E 7-5	AUG 04	0	0	0	0	0	0	0	168	7
32	W/E 8-1	11	0	509	18	0	0	527	8	168	7
33	W/E 8-2	18	0	1	0	0	0	1	2	168	7
34	W/E 8-3	25	0	0	0	0	0	0	0	168	7
35	W/E 8-4	SEP 01	0	0	0	0	0	0	0	168	7
36	W/E 9-1	8	0	0	0	0	0	0	0	168	7
37	W/E 9-2	15	0	0	0	0	0	0	0	168	7
38	W/E 9-3	22	0	0	0	0	0	0	0	24	1
TOTAL FISHERY ON											
PASSING STOCKS			-	510	18	-	-	528	10	1,368	57.0

NOTE: 2007 CATCH FIGURES ARE BASED ON PHONE-IN HAIL DATA (FOS), AS SALES SLIP DATA NOT FINALISED.

\*DAYS FISHING: HOURS OF FISHING ARE REPRESENTED AS A PORTION OF A 24-HOUR DAY.

**Table 26.**–Preliminary annual allowable harvest (AAH) calculations for Canadian Area 3(1-4) net fishery, 2007<sup>1</sup>.

	Year								
	1999	2000	2001	2002	2003	2004	2005	2006	2007
Annual Allowable Harvest (AAH) of Alaska District 101, 102, and 103 Pink Salmon:									
Total Run	53,011,083	22,935,854	62,126,912	43,056,270	42,771,456	34,999,070	43,651,072	11,524,695	52,342,936
Actual Escapement	19,900,203	11,936,450	21,903,643	20,178,163	20,047,003	16,769,261	17,519,566	8,532,450	23,578,584
Escapement Requirement	10,750,000	10,750,000	10,750,000	10,750,000	10,750,000	10,750,000	10,750,000	10,750,000	10,750,000
Annual Allowable Harvest (AAH)	42,261,083	12,185,854	51,376,912	32,306,270	32,021,456	24,249,070	32,901,072	2,992,245	41,592,936
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	2,224,180	89,980	1,155,691	1,163,645	924,183	559,034	894,890	143,733	1,740,271
Actual Number of Alaskan Pink Harvested	1,276,329	67,465	911,959	766,390	668,100	448,730	690,317	112,342	1,422,130
Actual %AAH	3.02%	0.55%	1.78%	2.37%	2.09%	1.85%	2.10%	3.75%	3.42%
Overage/Underage Based on the 2.49% AAH Stipulated in the Treaty:									
Allowable % AAH	2.49%	2.49%	2.49%	2.49%	2.49%	2.49%	2.49%	2.49%	2.49%
Allowable Harvest	1,052,301	303,428	1,279,285	804,426	797,334	603,802	819,237	74,507	1,035,664
Overage [Positive]/Underage (Negative)	224,028	(235,963)	(367,326)	(38,036)	(129,234)	(155,072)	(128,920)	37,836	386,466
Cumulative Overage/Underage	224,028	(11,934)	(379,260)	(417,296)	(546,530)	(701,602)	(830,522)	(792,687)	(406,221)

<sup>1</sup> Canadian and Alaskan pink salmon catch data for 1999-2006 were reviewed and updated, which changed the preliminary AAH calculations reported in the 2006 NBTC Annual Report.

**Table 27.**—Preliminary annual allowable harvest (AAH) calculations for Canadian Area 1 troll fishery, 2007<sup>1</sup>.

	Year								
	1999	2000	2001	2002	2003	2004	2005	2006	2007
Annual Allowable Harvest (AAH) of Alaska District 101, 102, and 103 Pink Salmon:									
Total Run	53,011,083	22,935,854	62,126,912	43,056,270	42,771,456	34,999,070	43,651,072	11,524,695	52,342,936
Actual Escapement	19,900,203	11,936,450	21,903,643	20,178,163	20,047,003	16,769,261	17,519,566	8,532,450	23,578,584
Escapement Requirement	10,750,000	10,750,000	10,750,000	10,750,000	10,750,000	10,750,000	10,750,000	10,750,000	10,750,000
Annual Allowable Harvest (AAH)	42,261,083	12,185,854	51,376,912	32,306,270	32,021,456	24,249,070	32,901,072	2,992,245	41,592,936
Actual Number and %AAH of Alaska Pink Salmon Harvested in Canadian Area 1 Troll Fishery:									
Total Pink Harvest in Area 1 Troll	31,013	73,358	132,709	22,918	74,160	22,198	27,768	34,854	61,276
Actual Number of Alaskan Pink Harvested	25,125	56,042	116,490	17,723	61,284	19,499	23,098	30,134	55,418
Actual %AAH	0.06%	0.46%	0.23%	0.05%	0.19%	0.08%	0.07%	1.01%	0.13%
Overage/Underage Based on the 2.57% AAH Stipulated in the Treaty:									
Allowable %AAH	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%
Allowable Harvest	1,086,110	313,176	1,320,387	830,271	822,951	623,201	845,558	76,901	1,068,938
Overage (Positive)/Underage (Negative)	(1,060,984)	(257,134)	(1,203,896)	(812,548)	(761,668)	(603,702)	(822,460)	(46,767)	(1,013,521)
Cumulative Overage/Underage	(1,060,984)	(1,318,119)	(2,522,015)	(3,334,563)	(4,096,231)	(4,699,933)	(5,522,393)	(5,569,160)	(6,582,681)

<sup>1</sup> Canadian and Alaskan pink salmon catch data for 1999-2006 were reviewed and updated, which changed the preliminary AAH calculations reported in the 2006 NBTC Annual Report.

**Table 28.**—Department of Fisheries and Oceans, 2007 escapements to Areas 3, 4, and 5 (preliminary).

Area	Sockeye	Pink	Chum
3	165,063	588,684	17,207
Meziadin:	104,308		
4	1,035,634	627,423	474
5	14,150	111,200	1,125



Table 29. Department of Fisheries and Oceans, 2008 salmon forecast, Areas 1, 3, 4, and 5.

## 2008 COMMERCIAL NET SOCKEYE AND PINK FORECAST

		FORECAST RETURNS TO CANADA	TARGET ESCAPEMENT	CATCH OF AREAS PRODUCTION *	CATCH OF OTHER AREAS PRODUCTION	TOTAL CATCH IN AREA
AREA 1	Sockeye	No forecast done	N/A	0	0	0
	Pink	935,150	1,152,000	0	0	0
AREA 3	Sockeye	350,000	200,000	150,000	50,000	200,000
	Pink	1,061,604	375,000	686,604	750,000	1,436,604
AREA 4	Sockeye	1,265,371	900,000	150,000	50,000	200,000
	Pink	393,320	2,097,800	0	100,000	100,000
AREA 5	Sockeye	No forecast done	50,000	0	5,000	5,000
	Pink	107,436	254,500	0	0	0

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

## FIGURES

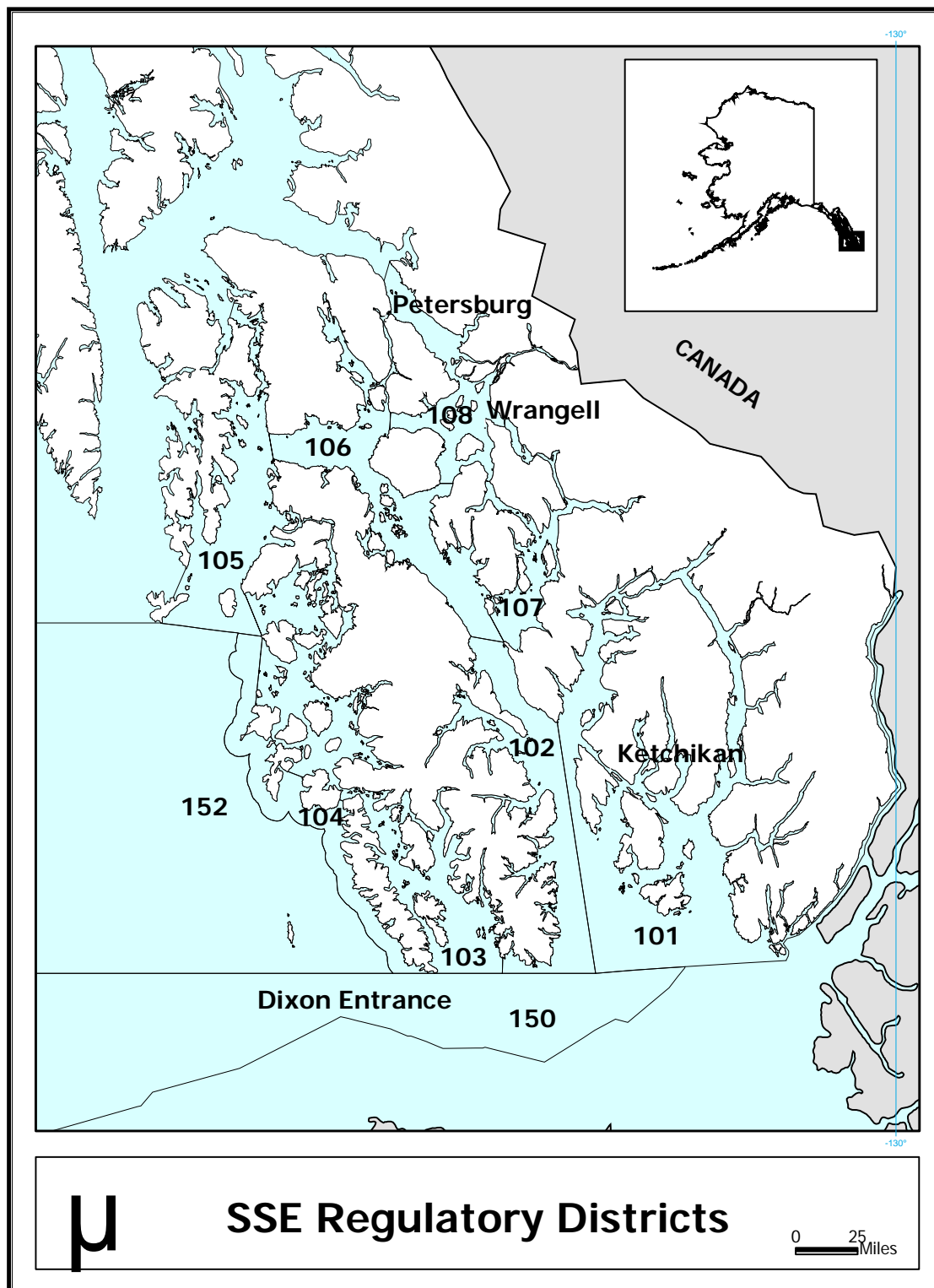


Figure 1. Alaska Department of Fish and Game Southern Southeast Alaska regulatory districts.

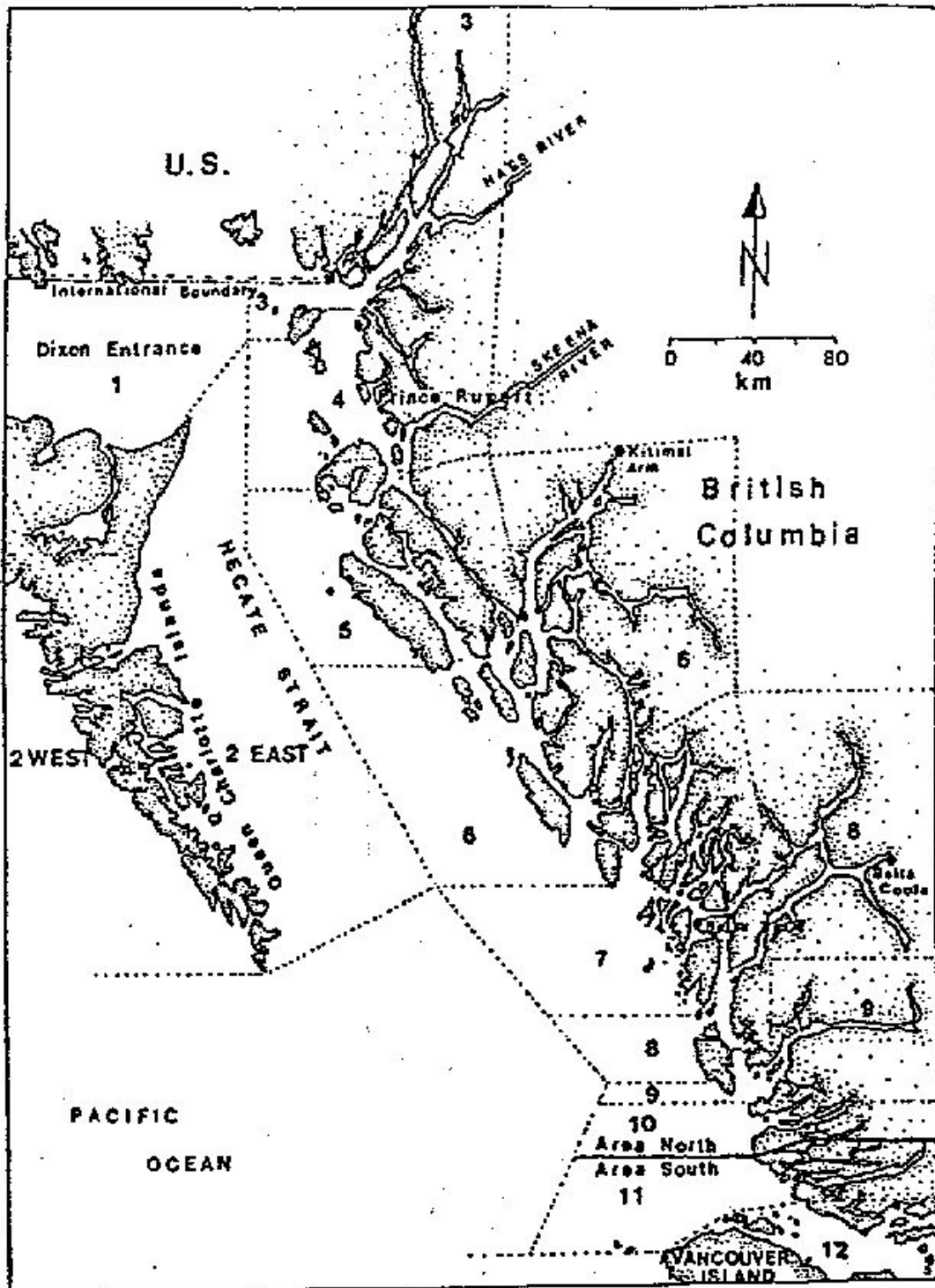


Figure 2. Canadian Department of Fisheries and Oceans Statistical Areas 1-10, Northern British Columbia.

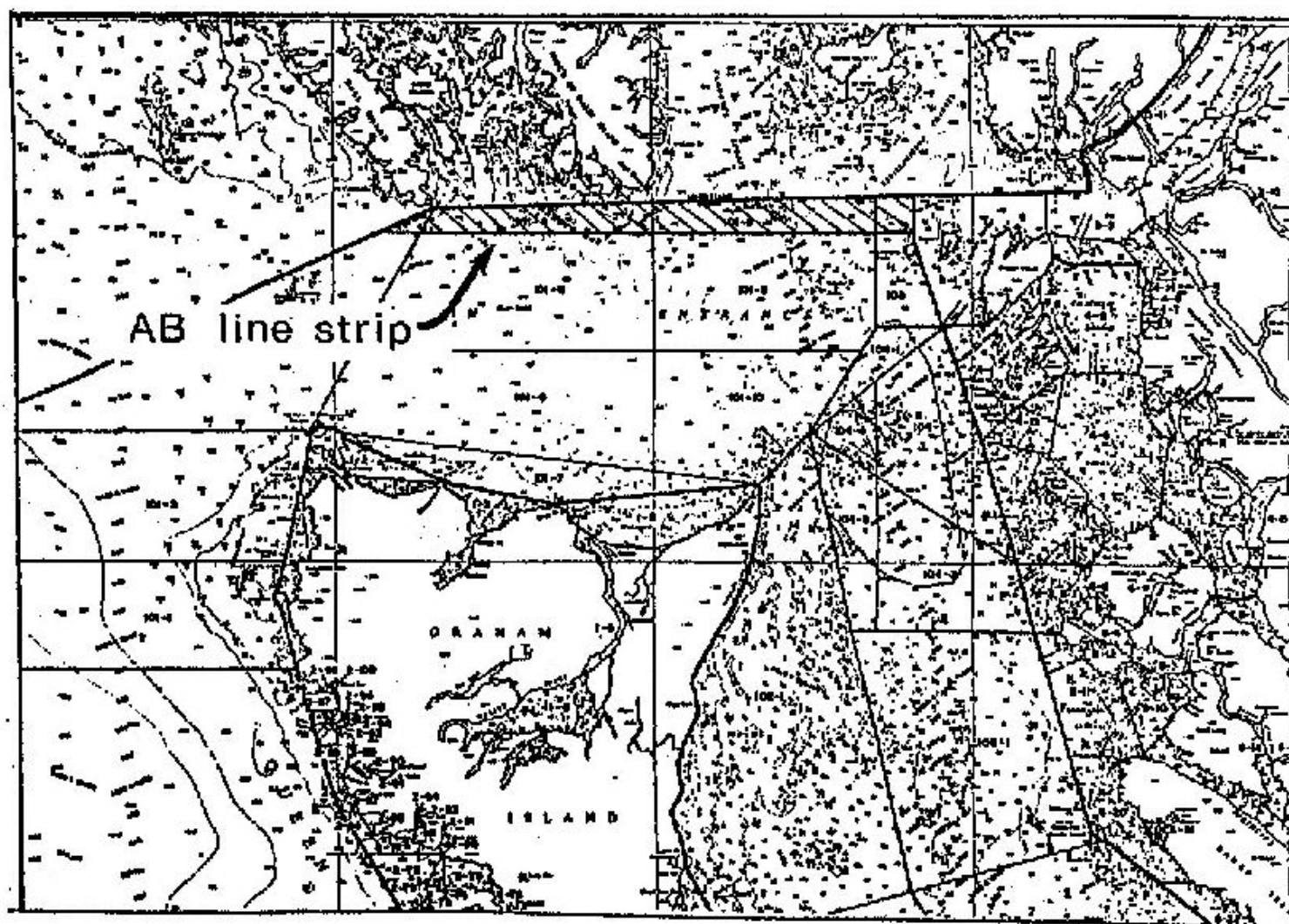


Figure 3. Canadian Department of Fisheries and Oceans Statistical Area 1 management sub-areas.

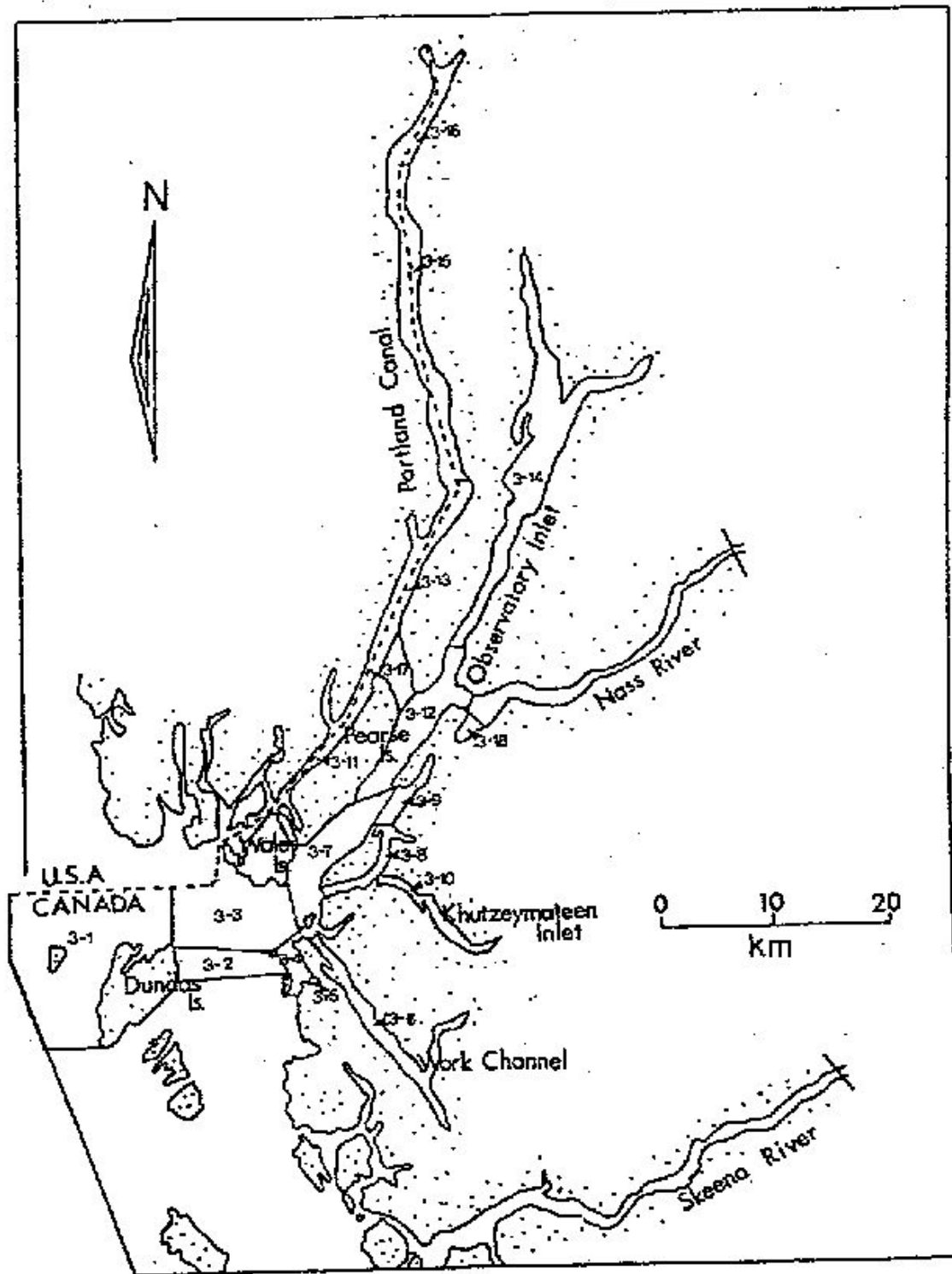


Figure 4. Canadian Department of Fisheries and Oceans Statistical Area 3 management sub-areas.