

To: Senate Resource Committee

Re: Senate Bill 90 by Senator Micciche / recent renditions; i.e. Senate bill 135 in 2018, SB 90 first hearing, and amended SB 90

Note: Letter of Opposition - highlighting misinformation on SB 90 purpose, statutory irregularities, CFEC fact vs. fiction, and alternatives.

Date: April 20, 2019

Dear Committee:

First of all, Senator Micciche's statement regarding SB 90 misleads the committee and legislature on several accounts.

Only a select few set net permit holders participated in any direct contact with a sport fish association (KRSA) who have for decades harmed the commercial fisheries through re-allocation measures and restrictive regulations in management plans which undermined sustained yield management; i.e. the Kasilof River sockeye Biological goal has been grossly exceeded 17 years out of the last 20 years and the Kenai River late-run sockeye in-river goal has been exceeded in 17 years out the last 20 years. Both in-season lost yield to the commercial fisheries/industry and lost yield from exceeding sockeye goals and not distributing escapements evenly within the goal ranges has caused harm in the range of hundreds of millions of dollars out of commerce and the fishing communities (management issue).

Now, Senator Micciche's bill seeks to put "more fish into the river" and reallocate fisheries further when undermining the utilization of the set gillnet fishery permits to manage for escapements by commercial fishery managers as intended and described by AS 16.43.010 (Regulation of Entry into Alaska Commercial Fisheries – Purpose and Findings of Fact).

- SB 90 violates the CFEC limited-entry permits issuance in 1975, its purpose and findings.
- SB 90 violates the State's policy; quote: "ADF&G has a long-term goal of achieving maximum sustainable yield for Alaska's fisheries."
- SB 90 violates federal law; i.e. National standard 1 "achieve on continuing basis, the optimal yield from each fishery for the United States fishing industry. And numerous other federal laws.
- SB 90 does not follow AS.44.66.050 (Legislative Oversight) pertaining to boards, commissions or agencies (CFEC, ADF&G, Alaska Board of Fisheries). Note: all set gillnet regulations and Management Plans for the Upper Sub-district become **moot** along with allocation. Escapement goal management becomes moot.
- SB 90 is inconsistent with the Equal Protection clause over similarly situated fisheries whether in Cook Inlet (permits) or Statewide (permits). Note: Fiscal Notes for ADF&G and CFEC state SB 90 affects are statewide.
- Creation of exclusive fisheries zone /areas and closed waters are inconsistent with CFEC legislative judicial history.
- There is no Kenai late-run king salmon conservation concerns established by the Board of Fish on this stock. Stat areas 244-21, 244-22, 244-31, 244-42 harvest a de-Minimis amount (incidental) and no directed king salmon fishery; i.e. one-half of one large Kenai

king (over 34 inches total length) per permit during the entire 2018 fishing season. Approx. 840 nets operate in the Kasilof Section. The East Forelands Section stat area 244-42 is exempt from King plan (de-Minimis harvest amount per season with 27 permit landings).

Senator Micciche and Mr. Coleman state 75% of set net respondents were “interested in the program concept” but misrepresents this as “sent to Eastside setnet fleet.” However, the survey was sent to all UCI SO4H set net permit holders, of which, the respondents came from Eastside, Westside, Kalgin Island, and Northern District. In addition – 26% out of 725 permits indicated interest with NO stat areas assigned in that preliminary survey. Including, an unknown number of latent SO4H permits in the responses and none of the “votes” were independently verified by a third party.

The term “recent” was used in statements but in fact it was mailed in the year 2016 - over permit holders interested in a possible voluntary fleet reduction “concept.” There were only 3 public meeting (one per year) and the majority of the attendees expressed numerous concerns over the implications of any such bill being presented to the legislature.

At none of the once-a-year meetings was SB 135 ever presented nor SB 90 presented in form for proper review – period. Both individuals (Mr. Micciche and Mr. Coleman) assured the public that only an “appropriate number of permits to exit the fishery would be used and the protection of remaining fishermen would be guaranteed.” And, without presenting any factual data to the public over the 200 permit numbers regarding the 1980’s with largely unsubstantiated claims over the “migration of permits.” In addition, only a limited number of draft renditions were distributed and the majority of public attendees never had a copy provided. Also, ADF&G has never presented anything on this bill nor was Commercial Fisheries Division or the Entry Commission invited to this meeting to discuss any consequences by reducing nearly half the ESSN permits. Viability was NEVER established to any fishermen affected by SB 90 nor the viability over sockeye salmon production, lost yields, or sustained yield on the two major sockeye salmon stocks in Upper Cook inlet.

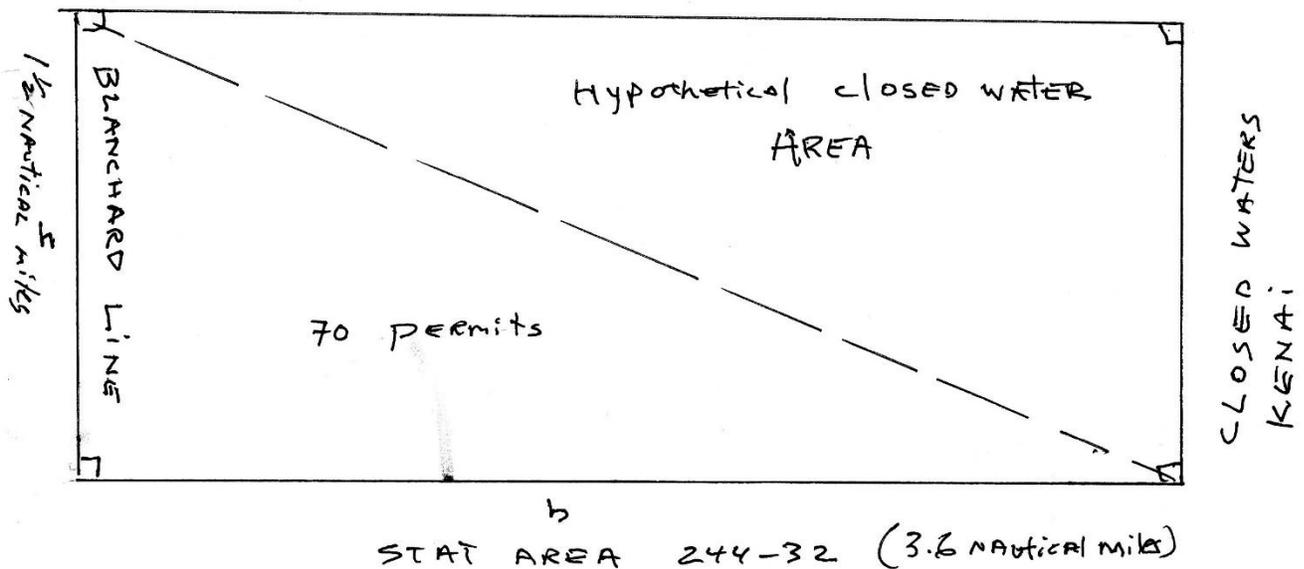
- There is no evidence of “mass movement of permits to the eastside” stat areas. In 1987 the largest return year in Cook Inlet (commercial harvest 10.5 million salmon / ex-vessel value 101 million dollars. CFEC and ADF&G records show 625 set net permit holders made landings. Compared to 524 set net permit holder landings at the present time-frame. Note: the same number of permits were issued from 1980’s to the present date. In the 1980’s the number of latent permits was approx. 120 out 735 issued compared to 2009 – 2017 has 249 latent permits out of 735 permits issued (CFEC data). The average latent percentage for all years is 24.5%. The number of latent permits in Cook Inlet, Prince William Sound, Kodiak, and Alaska Peninsula tracks with annual salmon run abundance. Bristol Bay set permits has the highest percentage of permit utilization due to stable high abundance sockeye returns. (Ref. CFEC Report No. 18-04-N June 2018).
- The number of permits on landings for stat areas along the eastside is 382 (ADF&G Appendix A8). Mr. Coleman claims 440 permits along the eastside. There are 58 dual permit holders in the eastside stat areas – which could account for the difference. Note: ADF&G Area office communications estimated

360 permits along the eastside in late 1980's compared to 382 presently on permit landings which may not include dual permit holders after year 2013.

- The Southeast buy-back program was privately funded and over latent permits with attached vessels. In addition, this had to be approved to less than 10% of permits and to latent permits by N.O.A.A. / National Marine Fisheries Service and the state legislature (Federal register records). This took several years to accomplish and could NOT affect the ability of ADF&G to maintain maximum sustained yields of the salmon fisheries; i.e. no effect on conservation or sustained optimal yields.
- Senator Micciche and Mr. Coleman stated in two public meetings that the federal government (Senator Murkowski's office) would pay for this so-called fleet reduction program. Senator Micciche stated this on the record to Senate Resources in 2018 on SB 135; i.e. "what's great about this is there is no cost to the state, it's a win-win." However, Sen. Micciche stated in Senate Resources this year – "maybe a grant could come from the federal government on a one year basis" but no amount was stated on the record. SB 90 shows the state paying for this program. (This reminds one of Sen. Micciche's oil tax credit bill which cost the state two billion dollars in lost revenue; i.e. a "win-win"?).
- During the late 1980's approx. 5,000 sockeye harvested in personal use fisheries. In the last 10 years the numbers have exploded to over 500,000 sockeye – a 100 times multiple harvest on average runs or less than average returns. ADF&G stated in 1987 "increasing demand for Cook Inlet salmon by recreational and subsistence fishermen combined with a continued high utilization by commercial fishermen, has resulted in intense competition for this resource and a growing antagonism between those user groups" i.e. it's been going on for three decades. Cook Inlet has become the poster child for re-allocation on a new and expanding fishery. On some years the personal use fishery has harvested more sockeye salmon than the traditional set net fisheries.
- The Eastside Consolidation Association has 5 board members and NO membership. Yet, this group contends it represents the eastside set net permit holders - which it does Not. The most vocal proponents of SB 90 fish in stat area 244-32. The North Kalifornsky Beach stat area - which is 3.9 nautical miles in length and 1.5 nautical miles seaward of the beach near the Southern boundary of the Kenai River. This stat area can harvest significant numbers of Kenai late-run king salmon as those kings traverse several days back and forth along this stat area before entry into the Kenai River. There are approx. 52 registered permits in stat area 244-32 along with 32 dual stat area registration for 244-31 – 244-32 (fish in both stat areas). ADF&G shows 60 permit landings for 244-32. Stat area 244-32 can fit 407 net areas / 140 permits within this stat area.

- A hypothetical cost analysis is presented here: The 244-32 stat area (rectangular area) can be divided by half as two triangle areas. From the baseline regulatory marker south of the Kenai River to one and one-half nautical mile seaward location, described as the Blanchard Line demarcation along Kalifornsky Beach.

Each triangulated rectangle area can accommodate 70 permits per area or the same number of permits registered in this stat area to the inner area depicted below. The permit buy-back doesn't have to occur but area waters would be closed as per Mr. Coleman's presentation statement; i.e. "the most crucial element of SB 90 is closing water on the eastside." A cost analysis would significantly reduce the amount proffered under SB 90 from 55 million to less than 5 million. 200 to 210 net area by locations would be reduced. This closed waters area would adjoin the closed water area currently described. After all Mr. Coleman stated in his presentation 'Although the total number of permits in Cook Inlet have NOT changed (since 1984) the migration to the Eastside doubled the number of nets fishing around the Kenai River.' Comment: Remarkably, this increase was primarily brought by the permit holders fishing in stat area 244-32.



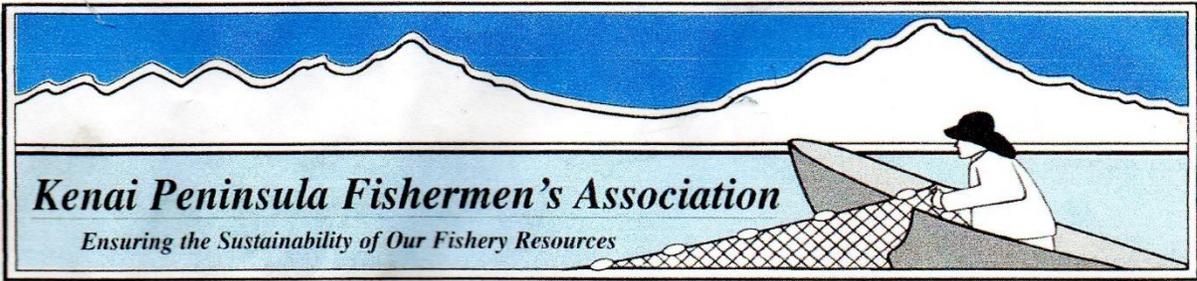
Note: See the following attached documents aforementioned and referenced above on pages 1 – 3

Jeff Beaudoin  
Kasilof, Alaska 99610

References:

- 1/ KPFA letter and attached survey.
- 2/ CFEC cover letter titled CFEC Salmon Set Gillnet Permits and DNR Shore Fishery Leases in Prince William Sound, Cook Inlet, Kodiak, Alaska Peninsula, and Bristol Bay 1975-2017 CFEC Report No. 18-04-N
- 3/ CFEC Table 7 Latent Salmon Set Gillnet Permits Associated With and Without DNR Shore Fishery Leases (page 1 of 2).
- 4/ CFEC Table 7 Latent Salmon Set Gillnet Permits Associated With and Without DNR Shore Fishery Leases (page 2 of 2).
- 5/ CFEC Cook Inlet earnings page 19 Table 5 (one of two pages)
- 6/ / CFEC Cook Inlet earnings Table 5 (two of two pages)
- 7/ ADF&G AMR 1987 report cover.
- 8/ ADF&G AMR 1987 page 3
- 9/ ADF&G AMR 1987 table 7 page 75 (1954 – 1987 harvest data).
- 10/ ADF&G AMR 1987 registered units of Drift and Set gillnet permits / CFEC
- 11/ ADF&G AMR report year 2015 Appendix A8 Commercial Permits by Stat Area.





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**A Message**

This will be fast approaching. a late run Kenai Ki with a decent price I am encour In the months since bit of good news. Initiative early on was a great way to many of us for quit The quiet a Israel Peyton and in the past. With th fair-minded individ Looking ahead Anchorage. The current weight behind achi and we will likely f that other individuals and organizations would submit proposals that we will endorse and support prior to and during the March 2017 meeting.

KPFA Survey on a possible voluntary fleet reduction program

- Do you support the concept of a voluntary fleet reduction program for the Cook Inlet setnet fishery that would cost nothing to those who do not participate, and remain fishing? Yes\_\_\_ No\_\_\_
- Do you support the concept of a voluntary fleet reduction program for the Cook Inlet setnet fishery financed by an assessment of 1% to 3% of the gross catch of those who choose not to participate, and remain in the fishery? Yes\_\_\_ No\_\_\_
- Do you oppose any form of fleet reduction at this time? Yes\_\_\_ No\_\_\_

Please include your Statistical area number so that you can be assured that your beach will have a voice on this important question. \_\_\_\_\_

Please indicate if you are a dual setnet permit holder. Yes\_\_\_ No\_\_\_

**Should Cook Inlet setnetters pursue a fleet reduction?**

A small group of CI setnet fishermen recently organized themselves under the rules and guidelines established by the Commercial Fisheries Entry Commission (CFEC) as a non-profit 501 (c) (5) named the Cook Inlet Revitalization Association. CIRA's mission is to explore the economic viability of a voluntary fleet consolidation for Cook Inlet Setnet permit holders.

The motivation behind CIRA's organization is the belief that a *fully voluntary* fleet consolidation could remove latent permits from the fishery, purchase and retire permits and, possibly, leases from fishermen interested in exiting the fishery, and leave those who continue to fish with more harvesting opportunities resulting in an increase in economic stability by taking a greater share of the fish allocated to the setnet fishery.

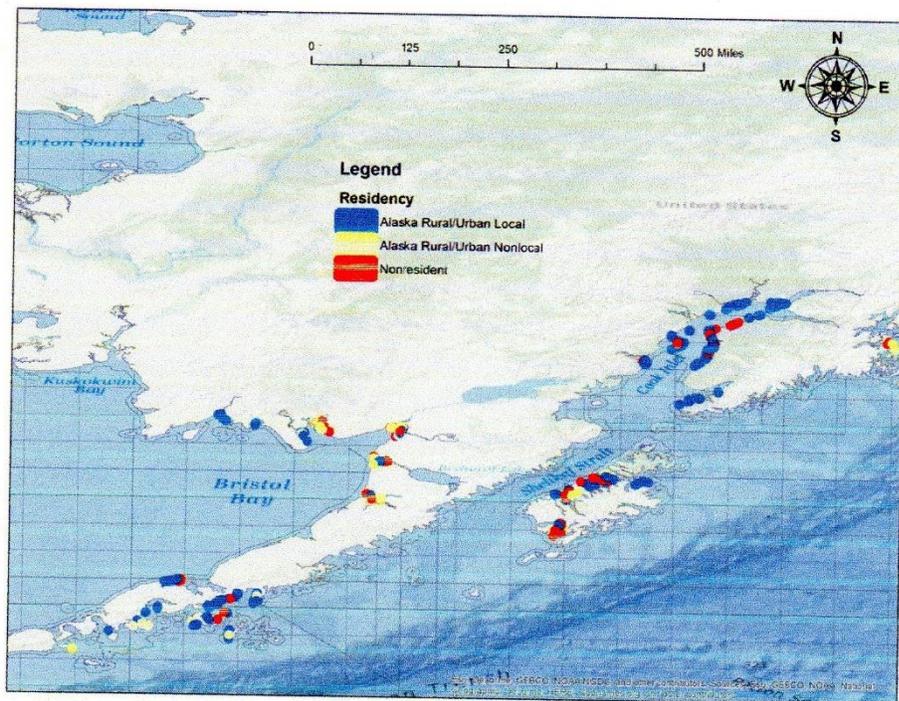
The Kenai Peninsula Fishermen's Association is not affiliated with CIRA, neither is it opposed to the concept of a fleet reduction. However, before the KPFA board of directors takes a position on this effort, we want to hear from Upper Cook Inlet permit holders regarding interest in a fleet reduction. Please take a few minutes to answer these questions.

**Notice: KPFA's ANNUAL MEETING is on Saturday, June 18<sup>th</sup>, 2016 from 12 noon to 4 p.m. at the Cook Inlet Aquaculture Building located at 40610, Kalifornsky Bch. Rd. Kenai AK 99611 phone number for directions 907.283.5761 or KPFA's office at 907.262.2492**

Dated: 05.20.2016

# CFEC Salmon Set Gillnet Permits and DNR Shore Fishery Leases in Prince William Sound, Cook Inlet, Kodiak, Alaska Peninsula, and Bristol Bay

1975-2017



*Map of all DNR shore fishery lease sites on May 17, 2018*

CFEC Report No. 18-04-N  
June 2018  
Prepared by Marcus Gho

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Alaska Commercial Fisheries Entry Commission  
8800 Glacier Highway, Suite 109  
P.O. Box 110302  
Juneau, Alaska 99811-0302  
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**Table 7. Latent Salmon Set Gillnet Permits Associated With and Without DNR Shore Fishery Leases**

| Fishery    | Year      | CFEC Permits |         |        | With Lease(s) |         |        | No Lease |         |        |
|------------|-----------|--------------|---------|--------|---------------|---------|--------|----------|---------|--------|
|            |           | Latent       | Renewed | Rate   | Latent        | Renewed | Rate   | Latent   | Renewed | Rate   |
| Prince     | 1975      | 27           | 27      | 100.0% | 14            | 14      | 100.0% | 13       | 13      | 100.0% |
| William    | 1976      | 27           | 28      | 96.4%  | 15            | 15      | 100.0% | 12       | 13      | 92.3%  |
| Sound      | 1977      | 15           | 29      | 51.7%  | 8             | 15      | 53.3%  | 7        | 14      | 50.0%  |
|            | 1978      | 26           | 28      | 92.9%  | 14            | 14      | 100.0% | 12       | 14      | 85.7%  |
|            | 1979      | 23           | 30      | 76.7%  | 11            | 15      | 73.3%  | 12       | 15      | 80.0%  |
|            | 1980      | 19           | 30      | 63.3%  | 9             | 16      | 56.3%  | 10       | 14      | 71.4%  |
|            | 1981      | 28           | 31      | 90.3%  | 17            | 18      | 94.4%  | 11       | 13      | 84.6%  |
|            | 1982      | 25           | 30      | 83.3%  | 17            | 19      | 89.5%  | 8        | 11      | 72.7%  |
|            | 1983      | 13           | 30      | 43.3%  | 7             | 19      | 36.8%  | 6        | 11      | 54.5%  |
|            | 1984      | 11           | 30      | 36.7%  | 5             | 19      | 26.3%  | 6        | 11      | 54.5%  |
|            | 1985      | 10           | 30      | 33.3%  | 6             | 19      | 31.6%  | 4        | 11      | 36.4%  |
|            | 1986      | 13           | 30      | 43.3%  | 5             | 17      | 29.4%  | 8        | 13      | 61.5%  |
|            | 1987      | 9            | 30      | 30.0%  | 6             | 18      | 33.3%  | 3        | 12      | 25.0%  |
|            | 1988      | 2            | 30      | 6.7%   | 1             | 21      | 4.8%   | 1        | 9       | 11.1%  |
|            | 1989      | 30           | 30      | 100.0% | 25            | 25      | 100.0% | 5        | 5       | 100.0% |
|            | 1990      | 1            | 30      | 3.3%   | 0             | 23      | 0.0%   | 1        | 7       | 14.3%  |
|            | 1991      | 1            | 30      | 3.3%   | 1             | 24      | 4.2%   | 0        | 6       | 0.0%   |
|            | 1992      | 0            | 30      | 0.0%   | 0             | 24      | 0.0%   | 0        | 6       | 0.0%   |
|            | 1993      | 0            | 30      | 0.0%   | 0             | 26      | 0.0%   | 0        | 4       | 0.0%   |
|            | 1994      | 4            | 30      | 13.3%  | 4             | 26      | 15.4%  | 0        | 4       | 0.0%   |
|            | 1995      | 3            | 30      | 10.0%  | 3             | 25      | 12.0%  | 0        | 5       | 0.0%   |
|            | 1996      | 4            | 30      | 13.3%  | 3             | 22      | 13.6%  | 1        | 8       | 12.5%  |
|            | 1997      | 3            | 30      | 10.0%  | 2             | 24      | 8.3%   | 1        | 6       | 16.7%  |
|            | 1998      | 13           | 30      | 43.3%  | 11            | 24      | 45.8%  | 2        | 6       | 33.3%  |
|            | 1999      | 8            | 30      | 26.7%  | 7             | 23      | 30.4%  | 1        | 7       | 14.3%  |
|            | 2000      | 1            | 30      | 3.3%   | 1             | 23      | 4.3%   | 0        | 7       | 0.0%   |
|            | 2001      | 0            | 30      | 0.0%   | 0             | 22      | 0.0%   | 0        | 8       | 0.0%   |
|            | 2002      | 2            | 30      | 6.7%   | 2             | 23      | 8.7%   | 0        | 7       | 0.0%   |
|            | 2003      | 2            | 30      | 6.7%   | 1             | 24      | 4.2%   | 1        | 6       | 16.7%  |
|            | 2004      | 3            | 30      | 10.0%  | 3             | 23      | 13.0%  | 0        | 7       | 0.0%   |
|            | 2005      | 4            | 30      | 13.3%  | 3             | 22      | 13.6%  | 1        | 8       | 12.5%  |
|            | 2006      | 3            | 29      | 10.3%  | 1             | 21      | 4.8%   | 2        | 8       | 25.0%  |
|            | 2007      | 5            | 30      | 16.7%  | 2             | 22      | 9.1%   | 3        | 8       | 37.5%  |
|            | 2008      | 4            | 29      | 13.8%  | 1             | 22      | 4.5%   | 3        | 7       | 42.9%  |
|            | 2009      | 2            | 29      | 6.9%   | 1             | 21      | 4.8%   | 1        | 8       | 12.5%  |
|            | 2010      | 1            | 29      | 3.4%   | 1             | 22      | 4.5%   | 0        | 7       | 0.0%   |
|            | 2011      | 0            | 29      | 0.0%   | 0             | 24      | 0.0%   | 0        | 5       | 0.0%   |
|            | 2012      | 0            | 29      | 0.0%   | 0             | 24      | 0.0%   | 0        | 5       | 0.0%   |
|            | 2013      | 1            | 29      | 3.4%   | 0             | 24      | 0.0%   | 1        | 5       | 20.0%  |
|            | 2014      | 0            | 29      | 0.0%   | 0             | 24      | 0.0%   | 0        | 5       | 0.0%   |
|            | 2015      | 0            | 29      | 0.0%   | 0             | 24      | 0.0%   | 0        | 5       | 0.0%   |
|            | 2016      | 0            | 29      | 0.0%   | 0             | 24      | 0.0%   | 0        | 5       | 0.0%   |
|            | 2017      | 0            | 29      | 0.0%   | 0             | 24      | 0.0%   | 0        | 5       | 0.0%   |
|            | All Years | 343          | 1,272   | 27.0%  | 207           | 918     | 22.5%  | 136      | 354     | 38.4%  |
| Cook Inlet | 1975      | 468          | 1,029   | 45.5%  | 53            | 130     | 40.8%  | 415      | 899     | 46.2%  |
|            | 1976      | 170          | 719     | 23.6%  | 18            | 133     | 13.5%  | 152      | 586     | 25.9%  |
|            | 1977      | 187          | 734     | 25.5%  | 20            | 133     | 15.0%  | 167      | 601     | 27.8%  |
|            | 1978      | 142          | 747     | 19.0%  | 18            | 134     | 13.4%  | 124      | 613     | 20.2%  |

Page 1

**Table 7. Latent Salmon Set Gillnet Permits Associated With and Without DNR Shore Fishery Leases**

| Fishery                 | Year      | CFEC Permits |         |       | With Lease(s) |         |       | No Lease |         |       |
|-------------------------|-----------|--------------|---------|-------|---------------|---------|-------|----------|---------|-------|
|                         |           | Latent       | Renewed | Rate  | Latent        | Renewed | Rate  | Latent   | Renewed | Rate  |
| Cook Inlet<br>Continued | 1979      | 140          | 749     | 18.7% | 14            | 149     | 9.4%  | 126      | 600     | 21.0% |
|                         | 1980      | 154          | 747     | 20.6% | 22            | 168     | 13.1% | 132      | 579     | 22.8% |
|                         | 1981      | 147          | 747     | 19.7% | 23            | 187     | 12.3% | 124      | 560     | 22.1% |
|                         | 1982      | 146          | 748     | 19.5% | 24            | 203     | 11.8% | 122      | 545     | 22.4% |
|                         | 1983      | 119          | 745     | 16.0% | 26            | 234     | 11.1% | 93       | 511     | 18.2% |
|                         | 1984      | 124          | 744     | 16.7% | 26            | 247     | 10.5% | 98       | 497     | 19.7% |
|                         | 1985      | 120          | 745     | 16.1% | 29            | 248     | 11.7% | 91       | 497     | 18.3% |
|                         | 1986      | 98           | 743     | 13.2% | 27            | 263     | 10.3% | 71       | 480     | 14.8% |
|                         | 1987      | 93           | 743     | 12.5% | 25            | 318     | 7.9%  | 68       | 425     | 16.0% |
|                         | 1988      | 88           | 743     | 11.8% | 34            | 343     | 9.9%  | 54       | 400     | 13.5% |
|                         | 1989      | 85           | 743     | 11.4% | 27            | 350     | 7.7%  | 58       | 393     | 14.8% |
|                         | 1990      | 81           | 743     | 10.9% | 33            | 351     | 9.4%  | 48       | 392     | 12.2% |
|                         | 1991      | 97           | 745     | 13.0% | 39            | 343     | 11.4% | 58       | 402     | 14.4% |
|                         | 1992      | 91           | 745     | 12.2% | 37            | 388     | 9.5%  | 54       | 357     | 15.1% |
|                         | 1993      | 104          | 745     | 14.0% | 51            | 437     | 11.7% | 53       | 308     | 17.2% |
|                         | 1994      | 128          | 745     | 17.2% | 55            | 444     | 12.4% | 73       | 301     | 24.3% |
|                         | 1995      | 120          | 745     | 16.1% | 62            | 440     | 14.1% | 58       | 305     | 19.0% |
|                         | 1996      | 141          | 745     | 18.9% | 73            | 424     | 17.2% | 68       | 321     | 21.2% |
|                         | 1997      | 142          | 745     | 19.1% | 65            | 417     | 15.6% | 77       | 328     | 23.5% |
|                         | 1998      | 186          | 745     | 25.0% | 81            | 396     | 20.5% | 105      | 349     | 30.1% |
|                         | 1999      | 189          | 745     | 25.4% | 90            | 385     | 23.4% | 99       | 360     | 27.5% |
|                         | 2000      | 212          | 745     | 28.5% | 96            | 377     | 25.5% | 116      | 368     | 31.5% |
|                         | 2001      | 239          | 744     | 32.1% | 104           | 371     | 28.0% | 135      | 373     | 36.2% |
|                         | 2002      | 247          | 743     | 33.2% | 93            | 366     | 25.4% | 154      | 377     | 40.8% |
|                         | 2003      | 270          | 742     | 36.4% | 100           | 348     | 28.7% | 170      | 394     | 43.1% |
|                         | 2004      | 258          | 739     | 34.9% | 95            | 347     | 27.4% | 163      | 392     | 41.6% |
|                         | 2005      | 238          | 737     | 32.3% | 91            | 339     | 26.8% | 147      | 398     | 36.9% |
|                         | 2006      | 256          | 738     | 34.7% | 96            | 328     | 29.3% | 160      | 410     | 39.0% |
|                         | 2007      | 255          | 738     | 34.6% | 88            | 326     | 27.0% | 167      | 412     | 40.5% |
|                         | 2008      | 254          | 738     | 34.4% | 89            | 325     | 27.4% | 165      | 413     | 40.0% |
|                         | 2009      | 266          | 738     | 36.0% | 93            | 318     | 29.2% | 173      | 420     | 41.2% |
|                         | 2010      | 248          | 736     | 33.7% | 83            | 316     | 26.3% | 165      | 420     | 39.3% |
|                         | 2011      | 193          | 736     | 26.2% | 65            | 320     | 20.3% | 128      | 416     | 30.8% |
|                         | 2012      | 279          | 736     | 37.9% | 104           | 324     | 32.1% | 175      | 412     | 42.5% |
|                         | 2013      | 243          | 736     | 33.0% | 87            | 317     | 27.4% | 156      | 419     | 37.2% |
|                         | 2014      | 222          | 735     | 30.2% | 72            | 306     | 23.5% | 150      | 429     | 35.0% |
|                         | 2015      | 205          | 734     | 27.9% | 63            | 306     | 20.6% | 142      | 428     | 33.2% |
|                         | 2016      | 207          | 735     | 28.2% | 63            | 307     | 20.5% | 144      | 428     | 33.6% |
|                         | 2017      | 217          | 735     | 29.5% | 67            | 309     | 21.7% | 150      | 426     | 35.2% |
|                         | All Years | 7,869        | 32,159  | 24.5% | 2,521         | 13,215  | 19.1% | 5,348    | 18,944  | 28.2% |
| Kodiak                  | 1975      | 108          | 230     | 47.0% | 0             | 0       |       | 108      | 230     | 47.0% |
|                         | 1976      | 39           | 187     | 20.9% | 0             | 0       |       | 39       | 187     | 20.9% |
|                         | 1977      | 39           | 186     | 21.0% | 0             | 0       |       | 39       | 186     | 21.0% |
|                         | 1978      | 28           | 188     | 14.9% | 0             | 0       |       | 28       | 188     | 14.9% |
|                         | 1979      | 22           | 186     | 11.8% | 1             | 12      | 8.3%  | 21       | 174     | 12.1% |
|                         | 1980      | 19           | 187     | 10.2% | 1             | 34      | 2.9%  | 18       | 153     | 11.8% |
|                         | 1981      | 18           | 187     | 9.6%  | 2             | 45      | 4.4%  | 16       | 142     | 11.3% |
|                         | 1982      | 17           | 187     | 9.1%  | 3             | 52      | 5.8%  | 14       | 135     | 10.4% |
|                         | 1983      | 14           | 188     | 7.4%  | 3             | 51      | 5.9%  | 11       | 137     | 8.0%  |

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Page 1 of 2

|            |           |           |           |           |     |     |           |          |       |
|------------|-----------|-----------|-----------|-----------|-----|-----|-----------|----------|-------|
| 2003       | \$65,748  | \$49,341  | \$62,818  | 23        | 5   | 28  | \$16,407  | 33.3%    |       |
| 2004       | \$26,946  | \$16,682  | \$24,285  | 20        | 7   | 27  | \$10,264  | 61.5%    |       |
| 2005       | \$30,405  | \$15,520  | \$26,397  | 19        | 7   | 26  | \$14,885  | 95.9%    |       |
| 2006       | \$44,291  | \$26,432  | \$40,170  | 20        | 6   | 26  | \$17,859  | 67.6%    |       |
| 2007       | \$64,910  | \$66,934  | \$65,315  | 20        | 5   | 25  | -\$2,024  | -3.0%    |       |
| 2008       | \$73,991  | \$42,864  | \$69,010  | 21        | 4   | 25  | \$31,127  | 72.6%    |       |
| 2009       | \$83,307  | \$43,389  | \$72,957  | 20        | 7   | 27  | \$39,918  | 92.0%    |       |
| 2010       | \$191,871 | \$87,837  | \$165,863 | 21        | 7   | 28  | \$104,034 | 118.4%   |       |
| 2011       | \$130,365 | \$82,791  | \$122,162 | 24        | 5   | 29  | \$47,574  | 57.5%    |       |
| 2012       | \$131,584 | \$133,046 | \$131,836 | 24        | 5   | 29  | -\$1,462  | -1.1%    |       |
| 2013       | \$106,182 | \$94,873  | \$104,566 | 24        | 4   | 28  | \$11,309  | 11.9%    |       |
| 2014       | \$111,795 | \$111,330 | \$111,714 | 24        | 5   | 29  | \$465     | 0.4%     |       |
| 2015       | \$74,689  | \$67,761  | \$73,495  | 24        | 5   | 29  | \$6,928   | 10.2%    |       |
| 2016       | \$71,964  | \$51,554  | \$68,445  | 24        | 5   | 29  | \$20,410  | 39.6%    |       |
| 2017       | \$89,631  | \$76,387  | \$87,347  | 24        | 5   | 29  | \$13,244  | 17.3%    |       |
| All Years  | \$77,315  | \$50,628  | \$71,052  |           |     |     | \$26,687  | 52.7%    |       |
| Cook Inlet | 1975      | \$29,009  | \$18,109  | \$19,605  | 77  | 484 | 561       | \$10,900 | 60.2% |
|            | 1976      | \$62,316  | \$35,453  | \$41,080  | 115 | 434 | 549       | \$26,863 | 75.8% |
|            | 1977      | \$91,860  | \$52,691  | \$60,782  | 113 | 434 | 547       | \$39,169 | 74.3% |
|            | 1978      | \$118,157 | \$60,948  | \$71,917  | 116 | 489 | 605       | \$57,209 | 93.9% |
|            | 1979      | \$47,064  | \$31,165  | \$34,689  | 135 | 474 | 609       | \$15,899 | 51.0% |
|            | 1980      | \$42,065  | \$27,821  | \$31,328  | 146 | 447 | 593       | \$14,244 | 51.2% |
|            | 1981      | \$45,688  | \$38,071  | \$40,153  | 164 | 436 | 600       | \$7,617  | 20.0% |
|            | 1982      | \$69,534  | \$44,677  | \$52,068  | 179 | 423 | 602       | \$24,857 | 55.6% |
|            | 1983      | \$52,934  | \$34,150  | \$40,391  | 208 | 418 | 626       | \$18,784 | 55.0% |
|            | 1984      | \$30,815  | \$24,561  | \$26,791  | 221 | 399 | 620       | \$6,254  | 25.5% |
|            | 1985      | \$76,259  | \$54,588  | \$62,182  | 219 | 406 | 625       | \$21,671 | 39.7% |
|            | 1986      | \$72,873  | \$58,909  | \$64,019  | 236 | 409 | 645       | \$13,964 | 23.7% |
|            | 1987      | \$161,132 | \$124,124 | \$140,806 | 293 | 357 | 650       | \$37,008 | 29.8% |
|            | 1988      | \$195,180 | \$128,091 | \$159,740 | 309 | 346 | 655       | \$67,089 | 52.4% |

**Table 5. Average Annual Gross Earnings for Salmon Set Gillnet Permit Holders With and Without a DNR Shore Fishery Lease, by Resident Type**

| Fishery                 | Year     | Alaska Rural Local |           | Alaska Rural Nonlocal |          | Alaska Urban Local |          | Alaska Urban Nonlocal |          | Nonresident |           |           |
|-------------------------|----------|--------------------|-----------|-----------------------|----------|--------------------|----------|-----------------------|----------|-------------|-----------|-----------|
|                         |          | With Lease         | No Lease  | With Lease            | No Lease | With Lease         | No Lease | With Lease            | No Lease | With Lease  | No Lease  |           |
| Cook Inlet<br>Continued | 1990     | \$50,074           | \$34,003  | \$20,446              | \$24,176 | \$55,286           | \$44,358 | **                    | **       |             |           |           |
|                         | 1991     | \$27,162           | \$17,161  | \$14,987              | \$16,020 | \$23,085           | \$19,958 | **                    | **       | \$56,176    | \$47,399  |           |
|                         | 1992     | \$114,221          | \$63,880  | \$68,919              | \$40,295 | \$100,956          | \$78,414 | **                    | **       | \$23,460    | \$11,958  |           |
|                         | 1993     | \$40,754           | \$20,172  | \$33,723              | \$19,831 | \$43,798           | \$35,106 | **                    | **       | \$99,833    | \$99,526  |           |
|                         | 1994     | \$57,084           | \$34,294  | \$25,303              | \$17,511 | \$37,792           | \$36,931 | **                    | **       | \$49,515    | \$48,099  |           |
|                         | 1995     | \$33,514           | \$16,614  | \$20,542              | \$11,793 | \$22,770           | \$21,064 | **                    | **       | \$49,269    | \$41,879  |           |
|                         | 1996     | \$46,879           | \$27,895  | \$21,754              | \$24,935 | \$38,120           | \$30,350 | **                    | **       | \$23,736    | \$26,749  |           |
|                         | 1997     | \$52,630           | \$29,828  | \$27,254              | \$23,617 | \$42,319           | \$33,058 | **                    | **       | \$39,040    | \$25,469  |           |
|                         | 1998     | \$16,801           | \$10,519  | \$9,505               | \$7,223  | \$12,643           | \$8,792  | **                    | **       | \$52,451    | \$31,726  |           |
|                         | 1999     | \$38,565           | \$20,834  | \$28,932              | \$19,359 | \$29,207           | \$19,642 | **                    | **       | \$11,665    | \$9,635   |           |
|                         | 2000     | \$12,133           | \$8,088   | \$18,818              | \$10,208 | \$14,801           | \$10,015 | **                    | **       | \$28,126    | \$26,974  |           |
|                         | 2001     | \$15,161           | \$10,860  | \$7,734               | \$1,091  | \$13,613           | \$8,342  | **                    | **       | \$11,554    | \$12,768  |           |
|                         | 2002     | \$16,780           | \$12,798  | \$10,969              | \$4,382  | \$19,548           | \$10,785 | **                    | **       | \$10,072    | \$8,526   |           |
|                         | 2003     | \$24,134           | \$19,662  | \$11,484              | \$3,698  | \$29,995           | \$17,966 | **                    | **       | \$16,984    | \$15,027  |           |
|                         | 2004     | \$24,574           | \$22,017  | \$21,841              | \$9,349  | \$49,149           | \$23,007 |                       |          | \$27,986    | \$18,807  |           |
|                         | 2005     | \$31,594           | \$31,542  | \$18,509              | \$8,159  | \$61,352           | \$31,090 |                       | \$19,099 | \$34,436    | \$17,275  |           |
|                         | 2006     | \$25,166           | \$21,098  | \$12,915              | **       | \$28,704           | \$14,712 | **                    | \$19,169 | \$47,153    | \$25,872  |           |
|                         | 2007     | \$25,531           | \$23,177  | \$18,433              | **       | \$36,104           | \$17,744 | **                    | **       | \$23,438    | \$18,566  |           |
|                         | 2008     | \$36,574           | \$23,775  | \$11,576              | **       | \$34,010           | \$19,533 | **                    | \$17,008 | \$25,653    | \$16,046  |           |
|                         | 2009     | \$28,907           | \$21,122  | \$7,560               | **       | \$23,341           | \$17,618 | **                    | \$28,918 | \$32,867    | \$17,347  |           |
| 2010                    | \$31,211 | \$23,017           | \$24,681  | \$11,459              | \$46,924 | \$27,638           | **       | \$43,467              | \$25,153 | \$21,034    |           |           |
| 2011                    | \$38,060 | \$35,603           | \$31,343  | \$24,678              | \$56,111 | \$34,051           | **       | \$40,580              | \$36,853 | \$20,650    |           |           |
| 2012                    | \$8,658  | \$4,567            | \$5,407   | \$5,773               | \$7,154  | \$4,743            | **       | \$11,571              | \$33,059 | \$32,807    |           |           |
| 2013                    | \$34,118 | \$28,667           | \$17,834  | \$18,067              | \$38,243 | \$21,661           | **       | \$37,210              | \$4,163  | \$4,335     |           |           |
| 2014                    | \$28,349 | \$25,525           | \$25,828  | \$13,434              | \$24,180 | \$15,791           | **       | \$23,578              | \$30,321 | \$30,708    |           |           |
| 2015                    | \$28,154 | \$25,452           | \$49,385  | \$23,611              | \$31,724 | \$19,904           | **       | **                    | \$23,191 | \$17,942    |           |           |
| 2016                    | \$16,487 | \$15,881           | \$24,367  | \$10,835              | \$27,791 | \$15,360           | **       | \$25,901              | \$24,507 | \$23,676    |           |           |
| 2017                    | \$24,084 | \$26,592           | **        | \$12,597              | \$24,575 | \$19,462           | **       | \$23,388              | \$20,419 | \$25,224    |           |           |
| All Years               |          | \$52,852           | \$37,664  | \$34,856              | \$23,017 | \$54,048           | \$40,004 | \$77,035              | \$24,673 | \$49,375    | \$45,765  |           |
| Kodiak                  | 1975     |                    | \$26,042  |                       | **       |                    | \$19,827 |                       | \$16,432 |             | \$19,285  |           |
|                         | 1976     |                    | \$62,540  |                       | **       |                    | \$61,390 |                       | \$64,337 |             | \$88,837  |           |
|                         | 1977     |                    | \$70,498  |                       | **       |                    | \$83,203 |                       | \$44,841 |             | \$85,628  |           |
|                         | 1978     |                    | \$75,361  |                       | **       |                    | \$81,843 |                       | \$64,176 |             | \$111,672 |           |
|                         | 1979     |                    | \$80,442  |                       | **       |                    | \$87,799 | \$73,523              | **       | \$52,051    | \$96,579  |           |
|                         | 1980     | **                 | \$72,242  |                       | **       | \$90,373           | \$63,770 | \$61,110              | \$44,941 | \$50,598    | **        | \$66,519  |
|                         | 1981     |                    | \$103,350 |                       | **       | **                 | \$87,273 | \$96,929              | **       | \$86,705    | \$85,110  | \$100,415 |
|                         | 1982     |                    | \$72,798  |                       | **       | **                 | \$70,737 | \$76,398              | **       | \$62,704    | \$87,326  | \$77,039  |

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ALASKA DEPARTMENT OF FISH AND GAME  
DIVISION OF COMMERCIAL FISHERIES

UPPER COOK INLET  
ANNUAL MANAGEMENT REPORT  
1987



STAFF

Area Management Biologist ..... Paul H. Ruesch  
Research Project Leader ..... Kenneth E. Tarbox  
Assistant Area Management Biologist..... James B. Browning  
Assistant Research Project Leader ..... David Waltemyer  
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Area Office  
Box 3150  
Soldotna, Alaska 99669

Note =

issued 586 drift gill net permits (72% Alaska residents) and 743 set gill net permits (90% Alaska residents), both numbers down slightly from the previous year (Appendix Table 11). Based on fish tickets received, 586 drift and 625 set net permit holders actually made landings.

A number of regulatory changes affecting the Upper Cook Inlet commercial salmon fishery were enacted by the Alaska Board of Fisheries at a meeting held in Anchorage in December of 1986. The changes included: 1) The Kalgin Island Subdistrict, formerly described as those waters around the island encompassed by the mean lower low water line, was extended offshore an additional mile. This change would preclude Kalgin Island setnetters from moving offshore to fish during openings of contiguous subdistricts. 2) The "closed waters" area at the mouth of the Kenai River was expanded to include all waters within a line running from the regulatory marker north of the river to the Coast Guard navigational buoy 1KE to the regulatory marker south of the river. 3) The area open to set gillnetting on the mainland at the entrance to Tuxedni Channel was extended one mile further south. 4) A minor wording change was made in the Upper Cook Inlet Salmon Management Plan (5AAC 21.363) to clarify the Board's intent in setting priorities for competing uses. 5) gill net web was permitted to be constructed of less than 30 filaments so long as it contained a minimum of six filaments, each having a diameter of at least 0.2 millimeters. An effective date of 1 January, 1988 was placed on this regulatory adjustment. 6) a quota on the number of chinook salmon that could be harvested in the Upper Subdistrict set gill net fishery was adopted but was struck down in Superior Court prior to the beginning of the fishing season. Had the regulation remained in place, the set net fishery in that portion of the Upper Subdistrict south of Rig Tenders Dock on Salamatof Beach would have closed if the catch of chinook salmon greater than 28 inches in length exceeded 7,000 at any time prior to 25 July. The season would reopen on 25 July regardless of harvest levels. Challenged in Kenai Superior Court by the Kenai Peninsula Fishermen's Cooperative, this regulation was found by Judge Charles Cranston to have been adopted without due consideration or creation of allocative criteria required by legislation passed the previous year and was therefore invalid.

An analysis of return-per-spawner data gathered over a twenty year period strongly indicated that the escapement goal for sockeye salmon in the Kenai River, a range of 350,000 to 500,000, was below the level that would insure optimum returns (Tarbox and Waltemyer, 1986). As a result of this analysis, the goal was changed to a range of 400,000 to 700,000 beginning with the 1987 season.

Falling world oil prices severely reduced the State of Alaska royalty income from oil produced on the North Slope and forced substantial cuts in operating budgets throughout state government. Changes affecting the commercial fishery included a

Appendix Table 7. Upper Cook Inlet commercial salmon harvest by species, 1954-1987.

| Year    | Chinook | Sockeye   | Coho    | Pink      | Chum      | Total      |
|---------|---------|-----------|---------|-----------|-----------|------------|
| 1954    | 63,780  | 1,207,046 | 321,525 | 2,189,207 | 510,068   | 4,291,726  |
| 1955    | 45,926  | 1,027,528 | 170,777 | 101,680   | 248,343   | 1,594,254  |
| 1956    | 64,977  | 1,258,789 | 198,189 | 1,595,375 | 782,051   | 3,899,381  |
| 1957    | 42,158  | 643,712   | 125,434 | 21,228    | 1,001,470 | 1,834,002  |
| 1958    | 22,727  | 477,392   | 239,765 | 1,648,548 | 471,697   | 2,860,129  |
| 1959    | 32,651  | 612,676   | 106,312 | 12,527    | 300,319   | 1,064,485  |
| 1960    | 27,512  | 923,314   | 311,461 | 1,411,605 | 659,997   | 3,333,889  |
| 1961    | 19,737  | 1,162,303 | 117,778 | 34,017    | 349,628   | 1,683,463  |
| 1962    | 20,210  | 1,147,573 | 350,324 | 2,711,689 | 970,582   | 5,200,378  |
| 1963    | 17,536  | 942,980   | 197,140 | 30,436    | 387,027   | 1,575,119  |
| 1964    | 4,531   | 970,055   | 452,654 | 3,231,961 | 1,079,084 | 5,738,285  |
| 1965    | 9,741   | 1,412,350 | 153,619 | 23,963    | 316,444   | 1,916,117  |
| 1966    | 8,544   | 1,852,114 | 289,837 | 2,005,745 | 532,756   | 4,688,996  |
| 1967    | 7,859   | 1,380,062 | 177,729 | 32,229    | 296,837   | 1,894,716  |
| 1968    | 4,536   | 1,104,904 | 469,850 | 2,278,197 | 1,119,114 | 4,976,601  |
| 1969    | 12,407  | 692,244   | 100,962 | 34,030    | 269,842   | 1,109,485  |
| 1970    | 8,358   | 746,634   | 279,989 | 826,639   | 800,829   | 2,662,449  |
| 1971    | 19,765  | 636,798   | 100,636 | 35,624    | 327,029   | 1,119,852  |
| 1972    | 16,086  | 879,724   | 80,933  | 628,576   | 630,016   | 2,235,335  |
| 1973    | 5,194   | 670,025   | 104,373 | 326,183   | 667,561   | 1,773,336  |
| 1974    | 6,586   | 497,160   | 200,125 | 484,035   | 396,938   | 1,584,844  |
| 1975    | 4,773   | 678,736   | 221,739 | 335,629   | 950,981   | 2,191,858  |
| 1976    | 10,867  | 1,664,131 | 208,710 | 1,256,743 | 469,806   | 3,610,257  |
| 1977    | 14,792  | 2,052,511 | 192,599 | 553,855   | 1,233,722 | 4,047,479  |
| 1978    | 17,302  | 2,621,667 | 219,360 | 1,689,098 | 571,959   | 5,119,386  |
| 1979    | 13,738  | 924,415   | 265,166 | 72,982    | 650,357   | 1,926,658  |
| 1980    | 13,795  | 1,573,637 | 271,378 | 1,786,430 | 390,810   | 4,036,050  |
| 1981    | 12,240  | 1,439,235 | 485,148 | 127,169   | 833,549   | 2,897,341  |
| 1982    | 20,870  | 3,259,864 | 793,937 | 790,648   | 1,433,866 | 6,299,185  |
| 1983    | 20,634  | 5,049,733 | 516,322 | 70,327    | 1,114,858 | 6,771,874  |
| *1984   | 8,819   | 2,102,767 | 442,619 | 622,510   | 684,124   | 3,860,839  |
| *1985   | 23,297  | 3,852,141 | 619,924 | 83,538    | 714,140   | 5,293,040  |
| 1986    | 37,898  | 4,654,700 | 739,292 | 1,255,214 | 1,109,271 | 7,796,375  |
| 1987    | 39,661  | 9,500,186 | 451,404 | 109,801   | 349,132   | 10,450,184 |
| Average | 20,574  | 1,753,503 | 293,441 | 835,807   | 665,418   | 3,568,746  |

\* Preliminary

AIDFG AMR Report 2015

Appendix A8.—Commercial salmon harvest by gear, statistical area and species, Upper Cook Inlet, 2015.

| Gear     | District | Subdistrict | Stat Area  | Permits <sup>a</sup> |       |    |
|----------|----------|-------------|------------|----------------------|-------|----|
| Drift    | Central  | All         | All        | 492                  |       |    |
| Setnet   | Central  | Upper       | 24421      | 98                   |       |    |
|          |          |             | 24422      | 72                   |       |    |
|          |          |             | 24425      | 103                  |       |    |
|          |          |             | 24431      | 68                   |       |    |
|          |          |             | 24432      | 60                   |       |    |
|          |          |             | 24441      | 57                   |       |    |
|          |          |             | 24442      | 27                   |       |    |
|          |          |             | All        | 373                  |       |    |
|          |          |             | Kalgin Is. | 24610                | 24    |    |
|          |          |             |            | 24620                | 4     |    |
|          |          |             |            | All                  | 28    |    |
|          |          |             | Chinitna   | Western              | 24510 | <4 |
|          |          |             |            |                      | All   | <4 |
| Kustatan | Western  | 24520       | 0          |                      |       |    |
|          |          | 24530       | 15         |                      |       |    |
|          |          | 24540       | <4         |                      |       |    |
|          |          | 24550       | <4         |                      |       |    |
|          |          | All         | 21         |                      |       |    |
|          |          | All         | 9          |                      |       |    |
| Northern | General  | All         | 429        |                      |       |    |
|          |          | 24710       | 12         |                      |       |    |
|          |          | 24720       | 15         |                      |       |    |
|          |          | 24730       | 9          |                      |       |    |
|          |          | 24741       | 13         |                      |       |    |
|          |          | 24742       | 8          |                      |       |    |
|          |          | 24743       | 5          |                      |       |    |
|          |          | All         | 50         |                      |       |    |
|          |          | Eastern     | 24770      | 14                   |       |    |
|          |          |             | 24780      | 10                   |       |    |
|          |          |             | 24790      | 8                    |       |    |
|          |          |             | All        | 31                   |       |    |
|          |          | All         | All        | All                  | 80    |    |
| All      | All      | All         | 507        |                      |       |    |
| Seine    | All      | All         | All        | 0                    |       |    |
| All      | All      | All         | All        | 999                  |       |    |

Terminal  
K.S.H.A.  
-103

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<sup>a</sup> Permit totals may be less than the sum of individual statistical areas if some permits were fished in multiple statistical areas.

A1) UCI SET = 524

