

ALASKA LEGISLATURE SPECIAL COMMITTEE / SUBJECT FILES 86/2

562 SCOM117: JOINT INTERIM COMM. ON LIMITED ENTRY 1979

Table 19.
Average Annual Price of Permanent Permit
By Fishery, 1975-1979¹

<u>Fishery</u>	<u>1975</u>	<u>1976</u>	<u>Year</u> <u>1977</u>	<u>1978</u>	<u>1979</u>
Southeast purse seine	10,633	9,222	16,667	30,929	42,500
Southeast drift gillnet	9,211	10,213	16,262	34,604	43,000
Statewide power troll	5,303	5,065	8,831	15,457	28,667
Yakutat set gillnet	750	6,000	7,000	10,480	22,500
Prince William Sound purse seine	8,000	10,700	29,800	24,272	31,667
Prince William Sound drift gillnet	3,089	4,500	13,750	27,742	3,722
Prince William Sound set gillnet	-	-	-	-	15,000 (est.)
Cook Inlet purse seine	-	7,500	10,625	40,000	47,500
Cook Inlet drift gillnet	3,911	5,552	9,643	36,825	92,500
Cook Inlet set gillnet	2,250	1,778	4,821	9,824	16,000
Kodiak purse seine	4,571	9,736	17,611	47,611	75,000
Kodiak beach seine	-	-	15,000	29,250	35,500
Kodiak set gillnet	5,380	3,900	6,600	19,800	41,250
Peninsula-Aleutians purse seine	-	-	-	15,667	48,333
Peninsula-Aleutians drift gillnet	-	6,333	10,286	15,000	64,500
Peninsula-Aleutians set gillnet	-	5,000	5,150	10,150	no data or est.
Chignik purse seine					175,000 (est.)
Bristol Bay drift gillnet	1,166	2,536	6,180	21,638	69,667
Bristol Bay set gillnet	-	2,755	2,694	8,507	19,455
Kuskokwim gillnet		-	-	6,100	7,333
Lower Yukon gillnet		-	550	6,700	8,500
Norton Sound gillnet		-	-	4,350	7,250
Kotzebue gillnet		-	-	-	5,720
Upper Yukon gillnet		-	-	-	7,500
Upper Yukon fishwheel		-	-	7,500	11,500 (est.)

¹ Based on Commercial Fisheries Entry Commission data - third quarter (10/22/79) price.

V. Conclusion

Findings about transfers in the limited salmon fisheries are mixed.

On the one hand, the data indicate that

- 1) females have been able to increase their percentage of permits,
- 2) younger people have been able to enter the fisheries,
- 3) a fairly high rate of family transfers has occurred, and
- 4) residents have made a slight gain in the number of permits held relative to nonresidents.

On the other hand, the data indicate that

- 1) nonresidents have gained permits in the high value fisheries so that their net incomes and probable employment has increased,
- 2) continuity in the residency make-up of permit holders in certain fisheries has been disrupted and Alaskan rural permit holders have declined,
- 3) the State loan program has had relatively little impact on permit purchases to date by new entrants, and
- 4) financing availability for the purchase of permits is highly skewed toward the upper end of the wealth distribution curve.

Values, attitudes, and assumptions of different Alaskans will vary significantly about the relative importance of these elements in deciding what is to be done about limited entry and what is to be the proper place of Alaska's fisheries in the fabric of Alaskan society. However, any public policy dealing with a common property resource that systematically, whether intentionally or unintentionally, places one group of Alaskan citizens at a disadvantage relative to another requires close scrutiny. If close scrutiny reveals unacceptable outcomes, then changes to ameliorate the disadvantages that do occur are warranted. With that principle in mind the tremendously high cost of permits coupled with the availability of financing and the loss of permits by rural Alaskans are the two most important public policy issues that emerge from this study of transfer patterns in the limited salmon fisheries.

With regard to the loss of permits by rural Alaskans, three inter-related questions are why has this pattern developed, will it continue, and is it serious. First, why has this occurred? In general, it is hypothesized that the market value of a permit reflects the long-term average net earnings potential of a fishery. Given this relationship, a second proposition holds that the value of the permit when invested in a bank or some other income-returning investment, is equivalent to the earnings potential of the permit. Therefore, the transaction is theoretically of equal benefit to each party. Fishermen do not all earn average amounts from a fishery and, in fact, in most fisheries most of the total earnings are taken by a relatively small percentage of the fishermen. This means that a high proportion of fishermen fall below average net earnings in most fisheries. For this group, the prospect of selling the permit for a price equivalent to the average potential earnings from the fishery would be attractive. This is because they would increase their net earnings, which in a world populated by profit maximizing actors with no other utilities is an eminently rational decision. If a given group of fishermen consistently fall below the average earnings in a fishery, for whatever reason, it is predictable that members of that particular group would be more likely to sell their permits than members of groups who are collectively above the average. In fisheries which initially had some relatively balanced proportion of nonresident, Alaskan rural, and Alaskan urban fishermen and it was the case that rural fishermen as a group, for whatever reason, were below average in net earnings, then it is likely that they would be more willing to part with their permits than their urban and nonresident counterparts.¹⁴

¹⁴Due to the fact that those below average in net earnings are more likely to sell their permits, estimates of income loss in Table 7 are probably overestimated. Those figures still represent lost potential earnings had the permit been transferred to a new entrant with average fishing abilities from the same cohort.

Of significant importance here are the reasons for lower than average net earnings by rural residents. It may be in some fisheries a result of historical factors which have precluded rural fishermen from reaching parity with urban and nonresident fishermen in the technological realm of vessels and equipment. A survey conducted by the Limited Entry Commission in the Bristol Bay drift gillnet fishery in 1977 gives evidence of this type of situation in that fishery. It may be in other fisheries that a variety of factors, including biological conditions and management decisions might unite to close traditional fishing grounds and fishermen's hesitancy to move to new grounds might result in a group of fishermen systematically falling below average earnings in a fishery making them more willing to sell. Such a situation might partially account for transfer patterns in the Southeast purse seine fishery. The other side of the coin is availability of financing for purchasing by different groups.

In the foregoing discussion it was assumed that the various groups of fishermen were the same on a number of characteristics to meet the condition of "all other things being equal." These characteristics would include initial levels of income distribution, understanding the implications of transferability, similar age distributions, access to sources of capital for permit purchases, access to information about permits for sale, and similar utility preferences. If these characteristics are not similar among groups of fishermen then there will be a resulting impact on willingness to sell and/or ability to buy. For example, if a person is operating under the assumption that his son, who does not have a permit, will be able to obtain one through points gained participating in the fishery, then he will be much more willing to sell his permit than if he realizes that no more permits will be issued. This seems to have occurred in Bristol Bay among some rural local fishermen.

It is well recognized by the Commission that there has been a significant communication gap with rural Alaskans about limited entry and that gap has apparently worked to the disadvantage of rural Alaskans.

Other important points of departure between various residency classes of fishermen are income levels and demand schedules. Just as in the case discussed above, if in general, income levels of a given group are lower than the entire population, members of the group will tend to sell their permits at below market value. This pattern will be accentuated if their demand schedules are similar to the general populations so that there is a situation of relative deprivation felt by one group. In this case, future potential earnings are discounted at a high rate in order to obtain short run gains of high utility.

In sum, systematic disadvantage on a number of "external" conditions, relatively low earnings in several fisheries, and perhaps most importantly, little access to capital for purchasing permits likely account in large part for the decline in rural Alaskan permit holdings. The second part of the questions concerning rural Alaskan permit decline was will the pattern continue?

Prognosticating about fisheries-related matters, be you biologist, market analyst, or social scientist is considerably less than precise. Nevertheless, an attempt will be made to assess what the likely factors affecting transfers and the effects of transfers on distribution of permits by residency category will be. There are two sides of the transfer issue to be addressed: selling and buying. In theoretical terms, the selling of permits by rural residents will be primarily a function of the demand for those permits and the relative standing of rural fishermen's earnings from a fishery vis-a-vis other participants in that fishery. If most of the marginal fishermen substantially below average in net earnings have already transferred their permits,

then a stabilization in holdings should occur. If, however, there are still significant numbers of permit holders below average in net earnings, then the outflow will likely continue due to factors on the buying side as well.

Other factors that would contribute to rural residents loss of permits are a high percentage of elderly permit holders and substantial differential in earnings between rural residents and the remainder of the population in the same region. To the extent that the value of passing the permit to someone in the family or community is reinforced, there will be some lessening in the potential for decline. The efficacy of this strategy by itself would not appear to be a conclusive remedy.

Factors on the buying side of importance are the availability of capital for permit purchases, and the ability of rural residents to meet requirements necessary to gain access to financing for permit purchases. Rising costs of technology and permits both will make outright purchases of permits less and less possible so that entry into the fisheries will become more and more dominated by the availability of financing. The discussion on financing requirements of the private sector, as well as the examination of the operation of the State loan program to date revealed a gloomy picture indeed of access to financing by rural residents. Without major modifications in permit financing requirements by the private sector, major intervention in some fashion by the State, and/or new sources of capital made available to rural residents, then even if significantly fewer permits are put up for sale by rural residents in the future, other rural residents will not be able to purchase even those few permits. Financial conditions in rural Alaska make it unlikely that they will be able to reverse the outflow of permits that has occurred to date, thus, the only strategy available becomes stabilization of what remains by emphasizing intrafamilial and intracommunity transfers,

presumably at some rate considerably below the prevailing market price.

The preceding discussion is based on an economic model which assumes that decisions people make about entry and exit from a fishery are based purely on the relative profitability, in monetary terms, of each course of action. The entire logic of limited entry, however, is based on the premise that this model of economic decision-making fails when used on common property resources. Is there any evidence that it is more suited to entry and exit from limited fisheries? The population of commercial fishermen and the possibilities of different fisheries are not equivalent in their adherence to pure economic decision-making or their inherent capacity for profitability respectively. For example, review of the data presented in Table 13 on average net earnings and of the Rogers and Kreinheder data on returns to operator presented in their preliminary report (if the data are right) in the Yakutat set gillnet, Southeast hand troll, Cook Inlet set gillnet, Kodiak set gillnet, and Bristol Bay set gillnet fisheries would lead to the conclusion that very few should be participating in these fisheries if profitability was the sole criteria for deciding whether to fish or not. Obviously people continue to participate, and as Tables 2, 10, and 19 reveal, other persons are willing to pay ever increasing amounts to lose money at an astonishingly high rate and with predictable certainty. Clearly some commercial fishermen are obtaining alternate utilities from participating in commercial fishing other than economic return alone.

Another fishery for which the utility of ends other than economic return appears high is the power troll fishery. In a recent appraisal of goals of salmon fishing among Oregon fishermen, C. L. Smith notes that pleasure, identity, and general personal well-being are goals which a substantial number of Oregon commercial trollers hold in addition to the economic one. Many

of Alaska's limited salmon fisheries also would seem to be characterized by these additional, nonmonetary values which could be expanded to include life-style, recreation, and food preferences (desire for salmon as a food staple). Persons who place a significant value on these additional utilities and who have access to the capital to purchase permits are the ones who enter these fisheries, and those who do not value these additional utilities will exit the fisheries. The set gillnet fisheries seem to follow this pattern, and there are implications for transfer patterns in the AYK fisheries which follow from these considerations as well.

To a great extent, demand for AYK permits by urban, nonlocal, and nonresident persons has been limited due to the distance from these areas to the AYK fisheries, lack of profitability, and lack of knowledge about those fisheries. As a result, little attrition in permit holdings by rural residents has occurred to date. To the extent that these conditions change in terms of easier access, higher profitability, and greater dissemination of information about these fisheries, then the probability of outflow of permits will increase. Location of increasing numbers of State and federal salaried employees in the AYK region and access to the region by others with substantial capital and the additional utilities addressed earlier could make a significant dent in local holdings of permits in this region in the near future.

The final question raised earlier about the loss of permits by rural Alaskans was, does it represent a serious problem? If it were the case that the rural population had declined in the recent past, if it were the case that an expanding rural population was migrating to urban centers (Anchorage, Fairbanks, Juneau, etc.) at a higher rate than the rate of natural increase, if it were the case that employment opportunities in the local regions and on

a statewide basis were expanding more rapidly for rural residents than their rate of loss of permits, then one might be able to argue that the decline merely represents natural attrition due to a greater integration of the rural population into the Alaskan economy. Since most of these ameliorating conditions do not appear to be taking place, the outflow of permits that has occurred and that potentially can occur must be regarded as significant threat to the rural Alaskan economic base and the well-being of rural Alaskans.

VI. References

Baker, J. and B. Muse

1979 Summary of Cost and Net Return Information for the Bristol Bay Drift Gillnet Fishery. Juneau: Commercial Fisheries Entry Commission.

Commercial Fisheries Entry Commission

1979 Annual Report - 1978. Juneau: Commercial Fisheries Entry Commission.

Rogers, G. and J. Kreinheder

1979 Socioeconomic Data Base for Fishery Areas and Census Divisions. Manuscript prepared for the Limited Entry Study Group of the Alaska State Legislature.

Smith, C.L.

1979 Goals of Salmon Fishing. Canadian Journal of Fisheries and Aquatic Sciences (In Press).

APPENDIX A:
METHODOLOGY

Methodology

Various types of data were used in this research and they came from a variety of sources. The data on age, sex, and residency of initial permanent permit holders and subsequent transfer patterns were analyzed from computer tapes provided by the Commercial Fisheries Entry Commission. The voluntary survey results reported in the CFEC's 1978 annual report provided the data for analysis of purchase, gift, and lease entry into the limited salmon fisheries as well as some information on sources of financing and reasons for transfer. The survey and therefore the results from it have a number of shortcomings which the Commission is working on to obtain a better data base. A supplementary survey sent to banks, credit associations, and processors provided information on the percentages of institutions loaning and the types of arrangements commonly found in terms of collateral, credit rating, experience required and other aspects of financing. A copy of the survey form used is included. Data on the State loan program was collected from application files in Juneau and Anchorage, loan committee minutes, and statistical summaries provided by the Division. A copy of the form used for data summarization is included. Finally, data collected and prepared by Rogers and Kreinheder on economic aspects of the limited fisheries were used to assess the impact of transfer patterns on employment and income.

Financing of Limited Entry Salmon Permits Survey

(For the Limited Entry Study Committee of the Alaska State Legislature)

1. Name and address of bank, credit association or processor: _____

2. Total number of loans financed for limited entry salmon permits by year:

For permit only: 1975 _____ 1976 _____ 1977 _____ 1978 _____ 1979 _____

For permit with boat and/or gear: 1975 _____ 1976 _____ 1977 _____ 1978 _____ 1979 _____

3. Number, average purchase price of permit, percentage financed and address of loanee by fishery, gear type and year:

<u>Fishery/Gear Type/Year</u>	<u>No. of Loans</u>	<u>Average Purchase Price</u>	<u>Percent Financed</u>	<u>Community of Home Residence of Loanee(s)</u>
Southeastern				
Purse Seine Fishery				
1975	_____	_____	_____	_____
1976	_____	_____	_____	_____
1977	_____	_____	_____	_____
1978	_____	_____	_____	_____
1979	_____	_____	_____	_____
Drift Gillnet Fishery				
1975	_____	_____	_____	_____
1976	_____	_____	_____	_____
1977	_____	_____	_____	_____
1978	_____	_____	_____	_____
1979	_____	_____	_____	_____
Yakutat				
Set Gillnet Fishery				
1975	_____	_____	_____	_____
1976	_____	_____	_____	_____
1977	_____	_____	_____	_____
1978	_____	_____	_____	_____
1979	_____	_____	_____	_____
Prince William Sound				
Purse Seine Fishery				
1975	_____	_____	_____	_____
1976	_____	_____	_____	_____
1977	_____	_____	_____	_____
1978	_____	_____	_____	_____
1979	_____	_____	_____	_____
Drift Gillnet Fishery				
1975	_____	_____	_____	_____
1976	_____	_____	_____	_____
1977	_____	_____	_____	_____
1978	_____	_____	_____	_____
1979	_____	_____	_____	_____
Set Gillnet Fishery				
1975	_____	_____	_____	_____
1976	_____	_____	_____	_____
1977	_____	_____	_____	_____
1978	_____	_____	_____	_____
1979	_____	_____	_____	_____

Financing of Limited Entry Salmon Permits Survey
Page 2

<u>Fishery/Gear Type/Year</u>	<u>No. of Loans</u>	<u>Average Purchase Price</u>	<u>Percent Financed</u>	<u>Community of Home Residence of Loanee(s)</u>
Cook Inlet				
Purse Seine Fishery				
1975				
1976				
1977				
1978				
1979				
Drift Gillnet Fishery				
1975				
1976				
1977				
1978				
1979				
Set Gillnet Fishery				
1975				
1976				
1977				
1978				
1979				
Kodiak				
Purse Seine Fishery				
1975				
1976				
1977				
1978				
1979				
Beach Seine Fishery				
1975				
1976				
1977				
1978				
1979				
Set Gillnet Fishery				
1975				
1976				
1977				
1978				
1979				
Chignik				
Purse Seine Fishery				
1975				
1976				
1977				
1978				
1979				
Alaska Peninsula-Aleutian Islands				
Purse Seine Fishery				
1975				
1976				
1977				
1978				
1979				

Financing of Limited Entry Salmon Permits Survey
Page 3

<u>Fishery/Gear Type/Year</u>	<u>No. of Loans</u>	<u>Average Purchase Price</u>	<u>Percent Financed</u>	<u>Community of Home Residence of Loanee(s)</u>
Alaska Peninsula-Aleutian Islands				
Drift Gillnet Fishery				
1975	_____	_____	_____	_____
1976	_____	_____	_____	_____
1977	_____	_____	_____	_____
1978	_____	_____	_____	_____
1979	_____	_____	_____	_____
Set Gillnet Fishery				
1975	_____	_____	_____	_____
1976	_____	_____	_____	_____
1977	_____	_____	_____	_____
1978	_____	_____	_____	_____
1979	_____	_____	_____	_____
Bristol Bay				
Drift Gillnet Fishery				
1975	_____	_____	_____	_____
1976	_____	_____	_____	_____
1977	_____	_____	_____	_____
1978	_____	_____	_____	_____
1979	_____	_____	_____	_____
Set Gillnet Fishery				
1975	_____	_____	_____	_____
1976	_____	_____	_____	_____
1977	_____	_____	_____	_____
1978	_____	_____	_____	_____
1979	_____	_____	_____	_____
Statewide				
Power Troll Fishery				
1975	_____	_____	_____	_____
1976	_____	_____	_____	_____
1977	_____	_____	_____	_____
1978	_____	_____	_____	_____
1979	_____	_____	_____	_____
Kuskokwim				
Gillnet Fishery				
1975	_____	_____	_____	_____
1976	_____	_____	_____	_____
1977	_____	_____	_____	_____
1978	_____	_____	_____	_____
1979	_____	_____	_____	_____
Kotzebue				
Gillnet Fishery				
1975	_____	_____	_____	_____
1976	_____	_____	_____	_____
1977	_____	_____	_____	_____
1978	_____	_____	_____	_____
1979	_____	_____	_____	_____

Financing of Limited Entry Salmon Permits Survey
Page 4

<u>Fishery/Gear Type/Year</u>	<u>No. of Loans</u>	<u>Average Purchase Price</u>	<u>Percent Financed</u>	<u>Community of Home Residence of Loanee(s)</u>
Lower Yukon				
Gillnet Fishery				
1975	_____	_____	_____	_____
1976	_____	_____	_____	_____
1977	_____	_____	_____	_____
1978	_____	_____	_____	_____
1979	_____	_____	_____	_____
Upper Yukon				
Gillnet Fishery				
1975	_____	_____	_____	_____
1976	_____	_____	_____	_____
1977	_____	_____	_____	_____
1978	_____	_____	_____	_____
1979	_____	_____	_____	_____
Fishwheel Fishery				
1975	_____	_____	_____	_____
1976	_____	_____	_____	_____
1977	_____	_____	_____	_____
1978	_____	_____	_____	_____
1979	_____	_____	_____	_____
Norton Sound				
Gillnet Fishery				
1975	_____	_____	_____	_____
1976	_____	_____	_____	_____
1977	_____	_____	_____	_____
1978	_____	_____	_____	_____
1979	_____	_____	_____	_____

4. What are your requirements for financing permit loans?

- a. A specific number of years experience in a fishery? Yes ____ How many? ____ No ____
- b. That the loanee be a previous boat owner in this or other fishery? Yes ____ No ____
- c. A history of other loans with your institution? Yes ____ No ____
- d. What type of collateral do you require? _____
- e. Other requirements: _____
- _____
- _____
- _____
- _____

Return by November 15, 1979 to:
Steve Langdon, Ph.D.
University of Alaska, Anchorage
3221 Providence Drive
Anchorage, Alaska 99504

Signed _____

Date _____

Year _____

State Commercial Loan Program:

Applicants and Awardees - Limited Entry Permit Loans

<u>Fishery</u>	<u>Permit Value</u>	<u>Amount Financed</u>	<u>Total Value of loan with vessel</u>	<u>Years in Fishery</u>	<u>Collateral Offered</u>	<u>Community of Home Residence of Applicant</u>

APPENDIX B:

LOCAL RURAL AND URBAN COMMUNITIES BY REGION

(Communities in which at least one permit holder resided during the period 1975-79)

Local Rural and Urban Locations
of Southeast Purse Seine and Drift Gillnet
and Statewide Power Troll
Permanent Permit Holders¹

² <u>Urban</u>	<u>Rural</u>
Juneau (including Auke Bay, Douglas)	Angeon
Ketchikan (including Saxman, Ward Cove)	Craig
Petersburg	Elfin Cove
Sitka (including Mt. Edgecumbe)	Funter Bay
Wrangell	Gustavus
	Haines
	Hoonah
	Hydaburg
	Kake
	Klawock
	Klukwan
	Little Port Walter
	Loring
	Metlakatla
	Meyers Chuck
	Noyes Island
	Pelican
	Point Baker
	Port Alexander
	Skagway
	Taku Harbor
	Tenakee Springs
	Thorne Bay
	Warm Spring Bay
	Yakutat

¹
Based on 1978 population figures from the Department of Community and Regional Affairs.

²
Communities with 2000 or more in 1978 have been classified as urban for all years.

Rural and Urban Locations
of Prince William Sound
Purse Seine, Drift Gillnet and Set Net
Permanent Permit Holders¹

Urban ²

Cordova

Valdez

Rural

Tatitlek

Whittier

Glennallen

Gulkana

Copper Center

Port Ashton

Chitina

¹Based on 1978 population figures from the Department of Community and Regional Affairs

²Communities with 2000 or more in 1978 have been classified as urban for all years.

Local Rural and Urban Locations
of Cook Inlet Purse Seine,
Drift Gillnet and Set Gillnet
Permanent Permit Holders¹

Urban²

Anchorage
Chugiak
Eagle River
Homer
Kenai
Seward
Soldotna
Wasilla

Rural

Alexander Creek
Anchor Point
Big Lake
Clam Gulch
Cohoe
Cooper Landing
Eklutna
English Bay
Girdwood
Halibut Cove
Hope
Kasilof
Knik
Moose Pass
Nikishki
Ninilchik
Port Graham
Red Mountain
Seldovia
Sterling
Skwentna
Talkeetna
Trapper Creek
Tyonek
Willow

¹Based on 1978 population figures from the Department of Community and Regional Affairs.

²Communities with 2,000 or more in 1978 have been classified as urban for all years.

Local Rural and Urban Locations
of
Kodiak Set Gillnet,
Beach Seine and Purse Seine
Permanent Permit Holders¹

Urban²

Kodiak City

Rural¹

Afognak

Akhiok

Alitak

Karluk

Larson Bay

Old Harbor

Ouzinkie

Port Bailey

Port Lions

Port Williams

¹
Based on 1978 population figures from the Department of Community
and Regional Affairs.

²
Communities with 2000 or more in 1978 have been classified as urban
for all years.

Local³ Rural and Urban Locations
of
Chignik Purse Seine
Permanent Permit Holders¹

Urban²

Kodiak

Rural

Chignik

Chignik Lagoon

Chignik Lake

Perryville

(see Kodiak)

(see Peninsula-Aleutians)

1

Based on 1978 population figures from the Department of Community and Regional Affairs.

2

Communities with 2000 or more in 1978 have been classified as urban for all years.

3

For purposes of the Chignik fishery only, Peninsula-Aleutians and Kodiak locations have been deemed local.

Local Rural Locations
of
Peninsula-Aleutian Purse Seine,
Drift Gillnet and Set Gillnet
Permanent Permit Holders¹

Adak

Attu

Atka

Akutan

Belkofski

Cold Bay

False Pass

King Cove

Nikolski

Nelson Lagoon

Port Heiden

Sand Point

Squaw Harbor

Unalaska

¹

Based on 1978 population figures from the Department of Community and Regional Affairs.

Local Rural Locations of Bristol Bay
Drift Gillnet and Set Gillnet
Permanent Permit Holders¹

Aleknagik	Manokotak
Clark's Point	Naknek
Dillingham	Newhalen
Egegik	New Stuyahok
Ekuk	Nondalton
Ekwok	Pedro Bay
Goodnews Bay	Pilot Point
Igiugig	Platinum
Iliamna	Port Alsworth
King Salmon	Portage Creek
Kipnuk	Quinhagak
Kokhanok Bay	South Naknek
Koliganek	Togiak
Kongiganik	Twin Hills
Kwigillingok	Ugashik
Levelock	

¹
Based on 1978 population figures from the Department of Community
and Regional Affairs.

Local Rural and Urban Locations
of
Kuskokwim Gillnet
Permanent Permit Holders¹

² <u>Urban</u>	<u>Rural</u>
Bethel	Akiachak
	Akiak
	Aniak
	Atmautluak
	Chefornak
	Chuathbaluk
	Eek
	Kasigluk
	Kwethluk
	Lower Kalskag
	McGrath
	Napakiak
	Napaskiak
	Nunapitchuk
	Oscarville
	Tuluksak
	Tuntutuliak
	Upper Kalskag

¹
Based on 1978 population figures from the Department of Community and Regional Affairs.

²
Communities with 2000 or more in 1978 have been classified as urban for all years.

Local Rural and Urban Locations
of
Kotzebue Set Gillnet
Permanent Permit Holders¹

Urban²

Kotzebue

Rural

Ambler

Buckland

Deering

Kiana

Kivalina

Noatak

Noorvik

Selawik

Shungnak

Shishmaref

¹
Based on 1978 population figures from the Department of Community
and Regional Affairs.

²
Communities with 2000 or more in 1978 have been classified as urban for
all years.

Local Rural Locations
of
Lower Yukon Gillnet
Permanent Permit Holders¹

Alakanuk	Marshall
Chuleenawick	Mountain Village
Emmonak	Pilot Station
Fortuna Ledge	Pitkas Point
Holy Cross	Russian Mission
Kotlik	Saint Mary's
Kwigak	Sheldon Point

¹
Based on 1978 population figures from the Department of Community
and Regional Affairs.

Local Rural and Urban Locations
of
Upper Yukon Fishwheel and Gillnet
Permanent Permit Holders

Urban²

Fairbanks
(including College
and North Pole)

Rural

Anvik
Circle City
Clear
Eagle
Galena
Grayling
Kaltag
Koyukuk
Manley Hot Springs
Minto
Nenana
Nulato
Rampart
Ruby
Stevens Village
Tanana
Tok

¹
Based on 1978 population figures from the Department of Community
and Regional Affairs.

²
Communities with 2,000 or more in 1978 have been classified as urban
for all years.

Local Rural and Urban Locations
of
Norton Sound Gillnet
Permanent Permit Holders¹

² <u>Urban</u>	<u>Rural</u>
Nome	Council
	Elim
	Koyuk
	Shaktoolik
	Unalakleet
	White Mountain

¹
Based on 1978 population figures from the Department of Community and Regional Affairs.

²
Communities with 2000 or more in 1978 have been classified as urban for all years.

APPENDIX C:

RESIDENCY OF INITIAL PERMIT HOLDERS

AND

TRANSFER PATTERNS AMONG RESIDENCY CATEGORIES BY YEAR

Residency of Initial Permit Holders
for
Southeast Purse Seine and Drift Gillnet Fisheries
By Year

Purse Seine

Year	NR	ARL	AUL	ARN	AUN	Total
1975	197	90	112	0	0	399
1976	6	0	5	0	0	410
1977	2	0	0	0	0	412
1978	0	1	1	0	0	414
1979	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>414</u>
Total	205	91	118	0	0	414

Drift Gillnet

Year	NR	ARL	AUL	ARN	AUN	Total
1975	144	75	207	0	3	429
1976	4	3	10	0	1	447
1977	6	1	4	0	0	458
1978	2	1	1	0	0	462
1979	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>462</u>
Total	156	80	222	0	4	462

Permanent Transfer Patterns
for
Southeast Purse Seine,
and Drift Gillnet Permits
By Residency and Year
1/01/75-8/20/79

Purse Seine Fishery

From	To	Number by Year					Total	% of all Fishery Transfers	% of all same Residency Category
		75	76	77	78	79			
NR	NR	18	9	18	24	8	77	38%	86%
NR	ARL	2	0	2	2	0	6	3%	7%
NR	AUL	1	1	0	2	2	6	3%	7%
ARL	ARL	10	2	3	4	2	21	10%	36%
ARL	AUL	3	4	9	3	2	21	10%	36%
ARL	NR	1	3	4	6	2	16	8%	28%
AUL	AUL	10	2	5	4	6	27	14%	51%
AUL	ARL	1	2	1	0	0	4	2%	7%
AUL	AUN	1	0	1	1	0	3	1%	6%
AUL	NR	4	1	6	5	3	19	9%	36%
Totals		51	24	49	51	25	200	100%	

Summary of Permanent Transfer Patterns
for
Southeast Purse Seine Permits

Residency Category	Gain	Loss	Net	% of Initial Issuance
NR	35	12	+23	(+11.2%)
ARL	10	37	-27	(-29.6%)
AUL	27	26	+1	(+0.8%)
AUN	3	0	+3	(..)

Southeast Transfer Patterns
Drift Gillnet Fishery

From	To	Number by Year					Total	% of all Fishery Transfers	% of all same Residency Category
		75	76	77	78	79			
NR	NR	24	14	14	12	9	73	21%	66%
NR	ARL	4	1	2	3	0	10	3%	9%
NR	AUL	7	6	6	5	4	28	8%	25%
ARL	ARL	8	1	4	7	5	25	7%	53%
ARL	AUL	2	3	6	3	1	15	4%	32%
ARL	AUN	0	0	0	1	0	1	.3%	2%
ARL	NR	2	0	2	0	2	6	2%	13%
AUL	AUL	39	27	28	35	21	150	44%	83%
AUL	ARL	4	3	3	4	2	16	5%	9%
AUL	ARN	0	0	1	0	0	1	.3%	.5%
AUL	NR	3	3	1	3	4	14	4%	8%
ARN	ARN	0	0	0	0	1	1	.3%	100%
AUN	ARL	0	0	0	0	1	1	.3%	50%
AUN	AUL	0	1	0	1	0	2	.3%	50%
Totals		93	59	67	74	50	343	100%	

Summary of Permanent Transfer Patterns
for
Southeast Drift Gillnet Permits

Residency Category	Gain	Loss	Net	% of Initial Issuance
NR	20	38	-18	(-11.5%)
ARL	27	22	+ 5	(+ 6.3%)
AUL	45	31	+14	(+ 6.3%)
ARN	1	0	+ 1	(-)
AUN	1	3	- 2	(-50%)

Residency of Initial Permit Holders
for
Statewide Power Troll

Year	NR	ARL	AUL	ARN	AUN	Total
1975	252	178	409	2	6	847
1976	17	14	32	0	4	914
1977	5	3	6	0	0	928
1978	1	3	0	0	0	932
1979	0	0	1	0	0	933
Totals	275	198	448	2	10	933

Permanent Transfer Patterns
for
Statewide Power Troll Permits
By Residency and Year
1/01/75-8/20/79

From	To	Number by Year					Total	% of all Fishery Transfers	% of all same Residency Category
		75	76	77	78	79			
NR	NR	29	12	26	22	17	106	18%	50%
NR	ARL	6	4	7	5	2	24	4%	11%
NR	AUL	23	6	19	20	11	79	13%	37%
NR	ARN	0	0	1	0	0	1	.1%	.5%
NR	AUN	0	0	0	3	0	3	.5%	1%
ARL	ARL	10	7	13	12	10	52	9%	52%
ARL	AUL	8	2	9	9	4	32	5%	32%
ARL	ARN	0	1	0	0	0	1	.1%	1%
ARL	AUN	0	0	1	0	0	1	.1%	1%
ARL	NR	1	5	3	4	1	14	2%	14%
AUL	AUL	49	31	58	47	37	222	37%	82%
AUL	ARL	5	3	0	9	1	18	3%	7%
AUL	AUN	0	1	1	1	0	3	.5%	1%
AUL	NR	4	4	7	4	10	29	5%	11%
ARN	NR	0	0	0	0	1	1	.1%	25%
ARN	ARL	1	0	0	0	0	1	.1%	25%
ARN	AUL	0	0	0	0	1	1	.1%	25%
ARN	AUN	0	0	1	0	0	1	.1%	25%
AUN	AUN	2	0	0	0	0	2	.3%	18%
AUN	ARL	1	0	0	0	0	1	.1%	9%
AUN	AUL	0	1	1	1	1	4	.6%	36%
AUN	NR	0	0	3	1	0	4	.6%	36%
Total		139	77	150	138	96	600	100%	

Summary of Permanent Transfer Patterns
for
Statewide Power Troll Permits

Residency Category	Gain	Loss	Net	% of Initial Issuance
NR	48	107	-59	(-21.5%)
ARL	44	48	-4	(-2.0%)
AUL	116	50	+66	(+14.7%)
ARN	2	4	-2	(-100%)
AUN	8	9	-1	(-10%)

Residency of Initial Permit Holders
for
Yakutat Set Gillnet Fishery
By Year

Year	NR	ARL	AUL	ARN	AUN	Total
1975	18	108	0	5	17	148
1976	0	7	0	0	2	157
1977	0	2	0	0	0	159
1978	0	4	0	0	0	163
1979	0	3	0	0	0	166
Total	18	124	0	5	19	166

Permanent Transfer Patterns
for
Yakutat Set Gillnet Permits
By Residency and Year
1/01/75-8/20/79

Set Gillnet Fishery

From	To	Number by Year					Total	% of all Fishery Transfers	% of all same Residency Category
		75	76	77	78	79			
NR	NR	3	2	0	5	4	14	19%	70%
NR	ARL	2	1	1	0	0	4	6%	20%
NR	AUN	0	0	0	1	1	2	3%	10%
ARL	ARL	3	11	10	10	4	38	53%	88%
ARL	AUN	0	0	1	1	0	2	3%	5%
ARL	NR	0	0	2	1	0	3	4%	7%
AUN	AUN	0	1	1	0	1	3	4%	33%
AUN	ARL	1	0	0	2	1	4	6%	44%
AUN	ARN	0	0	1	0	0	1	1%	11%
AUN	NR	0	0	0	0	1	1	1%	11%
Totals		9	15	16	20	12	72	100%	

Summary of Permanent Transfer Patterns
for
Yakutat Set Gillnet Permits

Residency Category	Gain	Loss	Net	% of Initial Issuance
NR	4	6	-2	(-11%)
ARL	8	5	+3	(+2.4%)
ARN	1	0	+1	(+20%)
AUN	4	6	-2	(-10.5%)

Residency of Initial Permit Holders
for
Prince William Sound Purse Seine,
Drift Gillnet and Set Gillnet Fisheries
By Year

Purse Seine						
Year	NR	ARL	AUL	ARN	AUN	Total
1975	48	6	142	1	16	213
1976	5	1	24	1	3	247
1977	1	0	4	1	2	255
1978	0	0	2	0	0	257
1979	<u>1</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>258</u>
Total	55	7	172	3	21	258

Drift Gillnet						
Year	NR	ARL	AUL	ARN	AUN	Total
1975	127	6	323	16	22	494
1976	6	0	11	1	2	514
1977	2	2	0	4	2	524
1978	1	1	2	0	0	528
1979	<u>1</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>531</u>
Total	137	10	336	21	27	531

Set Gillnet						
Year	NR	ARL	AUL	ARN	AUN	Total
1975	7	0	18	0	1	26
1976	0	0	1	0	1	28
1977	0	0	0	0	0	28
1978	0	0	0	0	0	28
1979	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>28</u>
Total	7	0	19	0	2	28

Permanent Transfer Patterns
for
Prince William Sound Purse Seine,
Drift Gillnet and Set Gillnet Permits
By Residency and Year
1/01/75-8/20/79

Purse Seine Fishery

From	To	Number by Year					Total	% of all Fishery Transfers	% of all same Residency Category
		75	76	77	78	79			
NR	NR	6	11	8	8	6	39	24.8%	73.6%
NR	AUL	4	2	0	2	3	11	7.0%	20.8%
NR	AUN	1	0	0	0	2	3	1.9%	5.6%
ARL	ARL	0	0	0	1	0	1	0.6%	25%
ARL	NR	0	0	0	1	0	1	0.6%	25%
ARL	AUL	0	1	0	0	1	2	1.3%	50%
AUL	AUL	6	11	11	6	14	48	30.6%	65.8%
AUL	NR	2	7	1	5	1	16	10.2%	21.9%
AUL	ARN	0	1	0	0	0	1	0.6%	1.4%
AUL	AUN	0	2	2	4	0	8	5.1%	10.9%
ARN	ARN	0	0	0	1	0	1	0.6%	100%
AUN	AUN	1	5	4	1	7	18	11.5%	69.2%
AUN	AUL	0	1	0	1	1	3	1.9%	11.5%
AUN	ARN	0	0	0	1	0	1	0.6%	3.9%
AUN	NR	0	0	1	1	2	4	2.6%	15.4%
Totals		20	41	27	32	37	157	100%	

Summary of Permanent Transfer Patterns
for
Prince William Sound Purse Seine Permits

Residency Category	Gain	Loss	Net	% of Initial Issuance
NR	21	14	+7	(+12.7%)
ARL	0	3	-3	(-42.9%)
AUL	16	25	-9	(- 5.2%)
ARN	2	0	+2	(+66.7%)
AUN	11	8	+3	(+14.3%)

Prince William Sound Permanent Transfer Patterns
Drift Gillnet Fishery

From	To	Number by Year					Total	% of all Fishery Transfers	% of all same Residency Category
		75	76	77	78	79			
NR	NR	10	17	12	11	11	61	18.9%	62.3%
NR	AUL	5	13	5	5	1	29	9.0%	29.6%
NR	ARN	1	0	0	1	0	2	.5%	2.0%
NR	AUN	2	0	2	0	2	6	1.9%	6.1%
ARL	ARL	0	1	0	1	1	3	1.0%	33.3%
ARL	AUL	1	0	3	1	0	5	1.5%	55.6%
ARL	AUN	0	1	0	0	0	1	.3%	11.1%
AUL	AUL	12	23	33	33	19	120	37.3%	69.0%
AUL	ARL	1	0	0	0	0	1	.3%	.5%
AUL	NR	4	7	8	6	4	29	9.0%	16.7%
AUL	ARN	0	0	2	3	0	5	1.5%	2.9%
AUL	AUN	4	2	5	4	4	19	5.9%	10.9%
ARN	ARN	0	3	1	5	2	11	3.4%	61.0%
ARN	ARL	0	0	0	0	1	1	.3%	5.6%
ARN	AUL	0	0	1	0	0	1	.3%	5.6%
ARN	NR	0	0	0	1	0	1	.3%	5.6%
ARN	AUN	0	0	1	1	2	4	1.2%	22.2%
AUN	AUN	0	1	1	2	3	7	2.2%	30.4%
AUN	ARL	0	0	0	1	0	1	.3%	4.4%
AUN	AUL	0	1	4	2	0	7	2.2%	30.4%
AUN	ARN	0	0	0	3	0	3	1.0%	13.0%
AUN	NR	0	1	3	1	0	5	1.5%	21.8%
Totals		40	70	81	81	50	322	100%	

Summary of Permanent Transfer Patterns
for
Prince William Sound Drift Gillnet Permits

Residency Category	Gain	Loss	Net	% of Initial Issuance
NR	35	37	-2	(-1.5%)
ARL	3	6	-3	(-30%)
AUL	42	54	-12	(-3.6%)
ARN	10	7	+3	(+14.3%)
AUN	30	16	+14	(+51.9%)

Prince William Sound Permanent Transfer Patterns
Set Gillnet Fishery

From	To	Number by Year					Total	% of all Fishery Transfers	% of all same Residency Category
		75	76	77	78	79			
NR	AUL	2	0	0	1	1	4	36.4%	100%
AUL	AUL	0	0	0	3	1	4	36.4%	57.1%
AUL	NR	0	0	1	1	0	2	18.2%	28.6%
AUL	AUN	0	0	1	0	0	1	9.0%	14.3%
Totals		2	0	2	5	2	11	100%	

Summary of Permanent Transfer Patterns
for
Prince William Sound Set Gillnet Permits

Residency Category	Gain	Loss	Net	% of Initial Issuance
NR	2	4	-2	(-28.6%)
AUL	4	3	+1	(+5.3%)
AUN	1	0	+1	(+50.0%)

Residency of Initial Permit Holders
for
Cook Inlet Purse Seine,
Drift Gillnet and Set Gillnet Fisheries
By Year

Purse Seine Fishery

Year	NR	ARL	AUL	ARN	AUN	Total
1975	0	23	25	0	1	49
1976	0	3	11	0	0	63
1977	0	3	6	0	0	72
1978	0	1	1	0	0	74
1979	<u>0</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>75</u>
Total	0	31	43	0	1	75

Drift Gillnet

Year	NR	ARL	AUL	ARN	AUN	Total
1975	164	67	210	4	9	454
1976	12	13	33	1	2	515
1977	5	8	11	1	0	540
1978	1	3	5	0	1	550
1979	<u>1</u>	<u>0</u>	<u>3</u>	<u>0</u>	<u>1</u>	<u>555</u>
Total	183	91	262	6	13	555

Set Gillnet

Year	NR	ARL	AUL	ARN	AUN	Total
1975	43	167	416	4	28	658
1976	10	12	31	0	0	711
1977	1	7	11	0	0	730
1978	0	3	8	0	0	741
1979	<u>0</u>	<u>0</u>	<u>2</u>	<u>0</u>	<u>0</u>	<u>743</u>
Total	54	189	468	4	28	743

Permanent Transfer Patterns
for
Cook Inlet Purse Seine, Drift Gillnet
and Set Gillnet Permits
By Residency and Year
1/01/75-8/20/79

Purse Seine Fishery

From	To	Number by Year					Total	% of all Fishery Transfers	% of all same Residency Category
		75	76	77	78	79			
AUL	AUL	1	2	10	7	5	25	69%	89%
AUL	ARL	0	2	1	0	0	3	8%	11%
ARL	ARL	2	2	1	1	0	6	17%	75%
ARL	AUL	0	0	0	1	0	1	3%	12%
ARL	NR	0	1	0	0	0	1	3%	12%
Totals		3	7	12	9	5	36	100%	

Summary of Permanent Transfer Patterns
for
Cook Inlet Purse Seine Permits

Residency Category	Gain	Loss	Net	% of Initial Issuance
AUL	1	3	-2	(-4.6%)
ARL	3	2	+1	(+3.2%)
NR	1	0	+1	(-)

Cook Inlet Transfer Patterns
Drift Gillnet Fishery

From	To	Number by Year					Total	% of all Fishery Transfers	% of all same Residency Category
		75	76	77	78	79			
NR	NR	11	23	14	14	14	76	22%	82%
NR	ARL	1	1	0	1	0	3	.9%	3%
NR	AUL	3	1	2	5	3	14	4%	15%
ARL	ARL	4	8	12	15	9	48	14%	79%
ARL	AUL	0	4	2	2	2	10	3%	16%
ARL	NR	0	0	1	2	0	3	.9%	5%
AUL	AUL	9	28	39	34	29	139	40%	78%
AUL	ARL	1	5	7	4	7	24	7%	13%
AUL	ARN	0	1	0	1	0	2	.6%	1%
AUL	AUN	0	1	1	1	0	3	.9%	2%
AUL	NR	0	1	3	3	4	11	3%	6%
ARN	AUL	0	0	0	0	1	1	.3%	50%
ARN	NR	0	0	0	1	0	1	.3%	50%
AUN	AUL	0	2	2	0	2	6	2%	75%
AUN	NR	1	0	0	1	0	2	.6%	25%
Total		30	75	83	84	71	343	100%	

Summary of Permanent Transfer Patterns
for
Cook Inlet Drift Gillnet

Residency Category	Gain	Loss	Net	% of Initial Issuance
NR	17	17	0	(-)
ARL	27	13	+14	(+15.4%)
AUL	31	40	- 9	(- 3.4%)
ARN	2	2	0	(-)
AUN	3	8	- 5	(-38.5%)

Cook Inlet Transfer Patterns
Set Gillnet Fishery

From	To	Number by Year				79	Total	% of all Fishery Transfers	% of all same Residency Category
		75	76	77	78				
NR	NR	0	3	2	3	0	8	2%	27%
NR	ARL	0	2	0	2	0	4	.9%	13%
NR	AUL	1	9	3	4	1	18	4%	60%
ARL	ARL	4	9	5	16	14	48	12%	56%
ARL	AUL	5	7	12	4	5	33	8%	38%
ARL	NR	0	0	0	2	3	5	1%	6%
AUL	AUL	26	38	59	73	41	237	57%	83%
AUL	ARL	6	6	3	12	9	36	9%	12%
AUL	AUN	0	0	0	0	1	1	.2%	.3%
AUL	NR	1	2	1	3	5	12	3%	4%
ARN	AUL	1	0	0	0	0	1	.2%	100%
AUN	AUN	0	1	0	1	0	2	.5%	22%
AUN	ARL	0	1	1	0	0	2	.5%	22%
AUN	AUL	0	0	2	3	0	5	1%	56%
Total		44	78	88	123	79	412	100%	

Summary of Permanent Transfer Patterns
for
Cook Inlet Set Gillnet

Residency Category	Gain	Loss	Net	% of Initial Issuance
NR	17	22	-5	(-9.2%)
ARL	42	38	+4	(+2.1%)
AUL	57	49	+8	(+1.7%)
ARN	0	1	-1	(-25%)
AUN	1	7	-6	(-21.4%)

Residency of Initial Permit Holders
for
Kodiak Purse Seine, Beach Seine
and Set Gillnet Fisheries

Purse Seine Fishery

Year	NR	ARL	AUL	ARN	AUN	Total
1975	95	68	140	9	22	334
1976	6	2	15	0	1	358
1977	3	1	1	0	2	365
1978	1	2	2	1	0	371
1979	1	0	2	0	0	374
Total	106	73	160	10	25	374

Beach Seine Fishery

Year	NR	ARL	AUL	ARN	AUN	Total
1975	1	8	11	0	1	21
1976	0	1	0	1	0	23
1977	1	1	5	0	0	30
1978	0	0	3	0	0	33
1979	0	0	0	0	0	33
Total	2	10	19	1	1	33

Set Gillnet Fishery

Year	NR	ARL	AUL	ARN	AUN	Total
1975	44	29	56	4	6	139
1976	4	8	20	0	5	176
1977	0	1	2	0	2	181
1978	1	0	2	0	0	184
1979	0	0	0	0	1	185
Total	49	38	80	4	14	185

Permanent Transfer Patterns for Kodiak
Purse Seine, Beach Seine and Set Gillnet Permits
By Residency and Year
1/01/75-8/20/79

Purse Seine Fishery

From	To	Number by Year					Total	% of all Fishery Transfers	% of all same Residency Category
		75	76	77	78	79			
NR	NR	4	18	13	10	8	53	23%	63%
NR	ARL	1	2	1	1	1	6	3%	7%
NR	AUL	3	2	6	4	2	17	7%	20%
NR	ARN	0	0	0	0	1	1	.4%	1%
NR	AUN	1	0	1	4	1	7	3%	8%
ARL	ARL	1	1	7	5	2	16	7%	57%
ARL	AUL	2	3	3	0	1	9	4%	32%
ARL	NR	0	0	1	2	0	3	1%	11%
AUL	AUL	4	7	20	19	11	61	26%	66%
AUL	ARL	0	1	3	0	2	6	3%	6%
AUL	ARN	0	1	0	0	0	1	.4%	1%
AUL	AUN	0	1	2	3	0	6	3%	6%
AUL	NR	0	5	4	4	5	18	8%	20%
ARN	ARN	1	0	0	0	0	1	.4%	17%
ARN	AUL	0	0	0	3	1	4	2%	66%
ARN	AUN	0	0	0	0	1	1	.4%	17%
AUN	AUN	1	0	4	2	2	9	4%	45%
AUN	ARL	1	0	0	0	0	1	.4%	5%
AUN	AUL	0	1	3	3	1	8	3%	40%
AUN	ARN	0	0	0	0	1	1	.4%	5%
AUN	NR	1	0	0	0	0	1	.4%	5%
Totals		20	42	68	60	40	230	100%	

Summary of Permanent Transfer Patterns
for
Kodiak Purse Seine Permits

Residency Category	Gain	Loss	Net	% of Initial Issuance
NR	22	31	-9	(-8.5%)
ARL	13	12	+1	(+1.4%)
AUL	38	31	+7	(+4.4%)
ARN	3	5	-2	(-20%)
AUN	14	11	+3	(+12%)

Kodiak Permanent Transfer Patterns
Beach Seine Fishery

From	To	Number by Year					Total	% of all Fishery Transfers	% of all same Residency Category
		75	76	77	78	79			
ARL	ARL	0	1	0	3	0	4	12%	57%
ARL	AUL	0	1	2	0	0	3	9%	43%
AUL	AUL	0	0	2	9	3	14	42%	67%
AUL	ARN	0	0	0	1	0	1	3%	5%
AUL	AUN	0	0	2	0	2	4	12%	19%
AUL	NR	0	0	1	0	1	2	6%	9%
ARN	AUL	0	0	1	0	0	1	3%	50%
ARN	AUN	0	0	0	0	1	1	3%	50%
AUN	AUL	0	0	1	2	0	3	9%	100%
Total		0	2	9	15	7	33	100%	

Summary of Permanent Transfer Patterns
for
Kodiak Beach Seine Permits

Residency Category	Gain	Loss	Net	% of Initial Issuance
ARL	0	3	-3	(-30%)
AUL	7	7	0	(-)
ARN	1	2	-1	(-100%)
AUN	5	3	+2	(+200%)
NR	2	0	+2	(+100%)

Kodiak Permanent Transfer Patterns
Set Gillnet Fishery

From	To	Number by Year					Total	% of all Fishery Transfers	% of all same Residency Category
		75	76	77	78	79			
NR	NR	3	7	2	2	4	18	13%	46%
NR	ARL	2	0	1	2	0	5	4%	13%
NR	AUL	5	2	2	4	2	15	11%	38%
NR	AUN	1	0	0	0	0	1	.7%	2%
ARL	ARL	1	1	3	3	2	10	7%	38%
ARL	AUL	2	3	1	4	2	12	8%	46%
ARL	NR	0	1	0	3	0	4	3%	15%
AUL	AUL	6	7	8	7	7	35	25%	66%
AUL	ARL	1	0	2	0	2	5	4%	9%
AUL	ARN	0	0	1	0	0	1	.7%	2%
AUL	AUN	0	2	1	0	2	5	4%	9%
AUL	NR	0	3	2	1	1	7	5%	13%
ARN	AUL	1	2	1	0	0	4	3%	100%
AUN	AUN	0	3	3	1	2	9	6%	50%
AUN	ARL	0	1	0	0	1	2	1%	11%
AUN	AUL	0	3	1	0	0	4	3%	22%
AUN	NR	0	2	0	0	1	3	2%	17%
Totals		22	37	28	27	26	140	100%	

Summary of Permanent Transfer Patterns
for
Kodiak Set Gillnet Permits

Residency Category	Gain	Loss	Net	% of Initial Issuance
NR	14	21	-7	(-14.3%)
ARL	12	16	-4	(-10.5%)
AUL	35	18	+17	(+21.3%)
ARN	1	4	-3	(-75%)
ALN	6	9	-3	(-21.4%)

Residency of Initial Permit Holders
for
Chignik Purse Seine Fishery
By Year

Year	NR	ARL	AUL	ARN	AUN	Total
1975	21	28	21	4	11	85
1976	0	1	3	0	1	90
1977	0	0	0	0	0	90
1978	0	0	0	0	0	90
1979	0	0	0	0	0	90
Total	<u>21</u>	<u>29</u>	<u>24</u>	<u>4</u>	<u>12</u>	<u>90</u>

Permanent Transfer Patterns
for
Chignik Purse Seine Permits
By Residency and Year
1/01/75-8/20/79

Purse Seine Fishery

From	To	Number by Year					Total	% of all Fishery Transfers	% of all same Residency Category
		75	76	77	78	79			
NR	ARL	0	0	1	1	0	2	11%	66%
NR	AUN	0	0	0	0	1	1	5.5%	33%
ARL	ARL	1	0	0	0	0	1	5.5%	20%
ARL	AUL	1	0	1	0	0	2	11%	40%
ARL	AUN	0	0	2	0	0	2	11%	40%
AUL	AUL	1	3	0	0	0	4	22%	80%
AUL	ARL	1	0	0	0	0	1	5.5%	20%
AUN	AUN	0	1	2	0	0	3	17%	60%
AUN	ARL	0	0	0	1	0	1	5.5%	20%
AUN	NR	0	0	0	1	0	1	5.5%	20%
Totals		4	4	6	3	1	18	100%	

Summary of Permanent Transfer Patterns
for
Chignik Purse Seine Permits

Residency Category	Gain	Loss	Net	% of Initial Issuance
NR	1	3	-2	(-9.5%)
ARL	4	4	0	(-)
AUL	2	1	+1	(+4.2%)
AUN	3	2	+1	(+8.3%)

Residency of Initial Permit Holders
for
Peninsula-Aleutian Purse Seine,
Drift Gillnet and Set Gillnet Fisheries
By Year

Purse Seine

Year	NR	ARL	AUL	ARN	AUN	Total
1975	13	92	0	0	3	108
1976	0	4	0	0	0	112
1977	0	1	0	0	0	113
1978	0	2	0	0	0	115
1979	<u>1</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>117</u>
Total	14	100	0	0	3	117

Drift Gillnet

Year	NR	ARL	AUL	ARN	AUN	Total
1975	43	93	0	0	16	152
1976	0	1	0	0	0	153
1977	1	0	0	0	0	154
1978	0	1	0	0	1	156
1979	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>156</u>
Total	44	95	0	0	17	156

Set Gillnet

Year	NR	ARL	AUL	ARN	AUN	Total
1975	6	67	0	0	10	83
1976	1	21	0	0	1	106
1977	0	1	0	0	0	107
1978	0	2	0	0	0	109
1979	<u>0</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>110</u>
Total	7	92	0	0	11	110

Permanent Transfer Patterns
for
Peninsula-Aleutians Purse Seine,
Drift Gillnet and Set Gillnet Permits
1/01/75-8/20/79

Purse Seine Fishery

From	To	Number by Year					Total	% of all Fishery Transfers	% of all same Residency Category
		75	76	77	78	79			
NR	NR	1	0	0	1	3	5	11%	56%
NR	ARL	0	1	1	1	1	4	8%	44%
ARL	ARL	1	3	13	7	5	29	62%	80%
ARL	AUN	1	0	0	1	0	2	4%	6%
ARL	NR	0	1	1	1	2	5	11%	14%
AUN	ARL	0	1	0	1	0	2	4%	100%
Totals		3	6	15	12	11	47	100%	

Summary of Permanent Transfer Patterns
for
Peninsula-Aleutians Purse Seine Permits

Residency Category	Gain	Loss	Net	% of Initial Issuance
NR	5	4	+1	(+7%)
ARL	6	7	-1	(-1%)
AUN	2	2	0	(-)

Peninsula-Aleutians Permanent Transfer Patterns
Drift Gillnet Fishery

From	To	Number by Year					Total	% of all Fishery Transfers	% of all same Residency Category
		75	76	77	78	79			
NR	NR	0	10	9	9	8	36	37%	92%
NR	AUN	0	0	1	0	1	2	2%	5%
NR	ARN	0	0	1	0	0	1	1%	2%
ARL	ARL	2	4	12	9	10	37	38%	77%
ARL	AUN	1	0	0	3	0	4	4%	8%
ARL	NR	0	1	2	3	1	7	7%	14%
AUN	AUN	0	0	2	0	2	4	4%	40%
AUN	ARL	1	1	0	2	0	4	4%	40%
AUN	NR	0	0	1	1	0	2	2%	20%
Totals		4	16	28	27	22	97	100%	

Summary of Permanent Transfer Patterns
for
Peninsula-Aleutians Drift Gillnet Permits

Residency Category	Gain	Loss	Net	% of Initial Issuance
NR	9	3	+6	(+14%)
ARL	4	11	-7	(-7%)
ARN	1	0	+1	(-)
AUN	6	6	0	(-)

Peninsula-Aleutian Permanent Transfer Patterns
Set Gillnet Fishery

From	To	Number by Year					Total	% of all Fishery Transfers	% of all same Residency Category
		75	76	77	78	79			
NR	NR	0	1	0	2	2	5	10%	71%
NR	ARL	0	0	0	1	0	1	2%	14%
NR	AUN	0	0	0	1	0	1	2%	14%
ARL	ARL	3	3	14	7	8	35	73%	94%
ARL	AUN	0	0	0	1	0	1	2%	3%
ARL	NR	0	0	1	0	0	1	2%	3%
ARN	ARN	0	0	0	1	0	1	2%	100%
AUN	AUN	0	1	0	0	0	1	2%	33%
AUN	ARL	1	0	0	0	0	1	2%	33%
AUN	NR	0	0	0	1	0	1	2%	33%
Totals		4	5	15	14	10	48	100%	

Summary of Permanent Transfer Patterns
for
Peninsula-Aleutians
Set Gillnet Permits

Residency Category	Gain	Loss	Net	% of Initial Issuance
NR	2	2	0	-
ARL	2	2	0	-
ARN	0	0	0	-
AUN	2	2	0	-

Residency of Initial Permit Holders
for Bristol Bay Drift Gillnet and
Set Gillnet Fisheries
By Year

Drift Gillnet Fishery

<u>Year</u>	<u>NR</u>	<u>ARL</u>	<u>AUL</u>	<u>ARN</u>	<u>AUN</u>	<u>Total</u>
1975	656	531	0	75	154	1416
1976	64	76	0	16	51	1623
1977	1	27	0	2	11	1664
1978	6	18	0	5	8	1701
1979	<u>1</u>	<u>10</u>	<u>0</u>	<u>3</u>	<u>2</u>	<u>1717</u>
Total	728	662	0	101	226	1717

Set Gillnet Fishery

<u>Year</u>	<u>NR</u>	<u>ARL</u>	<u>AUL</u>	<u>ARN</u>	<u>AUN</u>	<u>Total</u>
1975	126	422	0	23	145	716
1976	11	20	0	1	11	759
1977	2	53	0	1	9	824
1978	10	53	0	0	4	891
1979	<u>0</u>	<u>19</u>	<u>0</u>	<u>0</u>	<u>2</u>	<u>912</u>
Total	149	567	0	25	171	912

Permanent Transfer Patterns
for
Bristol Bay
Drift Gillnet and Set Gillnet Permits
By Residency and Year
1/01/75-8/20/79

Drift Gillnet Fishery

From	To	Number by Year					Total	% of all Fishery Transfers	% of all same Residence Category
		75	76	77	78	79			
NR	NR	59	84	93	73	64	373	45%	90%
NR	ARL	2	1	3	3	1	10	1%	2%
NR	ARN	0	1	1	0	0	2	.2%	.5%
NR	AUN	7	4	3	10	3	27	3%	7%
ARL	ARL	7	17	37	53	35	149	18%	67%
ARL	ARN	0	0	1	0	1	2	.2%	.9%
ARL	AUN	1	2	9	18	15	45	5%	20%
ARL	NR	0	2	9	10	5	26	3%	12%
ARN	ARN	0	1	6	9	4	20	2%	50%
ARN	ARL	0	1	1	3	0	5	.6%	12%
ARN	AUN	0	0	2	3	4	9	1%	22%
ARN	NR	0	0	1	4	1	6	.7%	15%
AUN	AUN	2	6	29	23	31	91	11%	60%
AUN	ARL	0	2	6	4	3	15	2%	10%
AUN	ARN	1	1	3	1	3	9	1%	6%
AUN	NR	2	5	7	12	10	36	4%	24%
Total		81	127	211	226	180	825	100%	

Summary of Permanent Transfer Patterns
for
Bristol Bay Drift Gillnet Permits

Residency Category	Gain	Loss	Net	% of Initial Issuance
NR	68	39	+29	(+4.0%)
ARL	30	73	-43	(-6.5%)
ARN	13	20	- 7	(-7.0%)
AUN	81	60	+21	(+9.3%)

Bristol Bay Permanent Transfer Patterns
Set Gillnet Fishery

From	To	Number by Year					Total	% of all Fishery Transfers	% of all same Residency Category
		75	76	77	78	79			
NR	NR	5	21	12	27	17	82	20%	71%
NR	ARL	2	2	1	2	1	8	2%	7%
NR	ARN	0	0	3	1	1	5	1%	4%
NR	AUN	0	4	3	7	6	20	5%	17%
ARL	ARL	9	20	21	32	42	124	30%	64%
ARL	ARN	0	0	0	1	4	5	1%	2%
ARL	AUN	1	5	4	14	14	38	9%	19%
ARL	NR	0	7	5	8	7	27	7%	14%
ARN	ARN	0	0	0	4	2	6	1%	43%
ARN	ARL	1	0	1	2	0	4	.9%	28%
ARN	AUN	0	0	1	0	1	2	.5%	14%
ARN	NR	0	0	1	0	1	2	.5%	14%
AUN	AUN	4	5	11	21	15	56	14%	65%
AUN	ARL	0	0	0	9	3	12	3%	14%
AUN	ARN	0	1	1	1	1	4	.9%	5%
AUN	NR	1	2	7	1	3	14	3%	16%
Totals		23	67	71	130	118	409	100%	

Summary of Permanent Transfer Patterns
for
Bristol Bay Set Gillnet Permits

Residency Category	Gain	Loss	Net	% of Initial Issuance
NR	43	33	+10	(+ 6.7%)
ARL	24	70	-46	(- 8.1%)
ARN	14	8	+ 6	(+24%)
AUN	60	30	+30	(+17.5%)

Residency of Initial Permit Holders
for
Kuskokwim Gillnet Fisheries
By Year

Year	NR	ARL	AUL	ARN	AUN	Total
1976	0	406	131	151	0	688
1977	0	30	28	15	0	761
1978	0	1	3	2	0	767
1979	0	7	3	4	0	781
Total	0	444	165	172	0	781

Permanent Transfer Patterns
for
Kuskokwim Gillnet Permits
By Residency and Year
1/01/75-8/20/79

Gillnet Fishery

From	To	Number by Year				Total	% of all Fishery Transfers	% of all same Residency Category
		76	77	78	79			
ARL	ARL	7	8	23	10	48	44%	84%
ARL	AUL	0	1	2	4	7	6%	12%
ARL	AUN	0	0	1	1	2	2%	4%
AUL	AUL	1	2	11	7	21	19%	77%
AUL	ARL	1	1	0	2	4	4%	15%
AUL	ARN	0	0	1	0	1	.9%	4%
AUL	AUN	0	0	0	1	1	.9%	4%
ARN	ARN	0	5	9	4	18	16%	78%
ARN	ARL	0	0	1	1	2	2%	9%
ARN	AUL	0	0	2	1	3	3%	13%
AUN	AUN	0	0	0	1	1	.9%	50%
AUN	ARN	0	0	0	1	1	.9%	50%
Totals		9	17	50	33	109	100%	

Summary of Permanent Transfer Patterns
for
Kuskokwim Gillnet Permits

Residency Category	Gain	Loss	Net	% of Initial Issuance
ARL	6	9	-3	(- .7%)
AUL	10	6	+4	(+2.4%)
ARN	2	5	-3	(-1.7%)
AUN	3	1	+2	(-)

Residency of Initial Permit Holders
for
Lower Yukon Gillnet Fishery
By Year

Year	NR	ARL	AUL	ARN	ANJN	Total
1976	1	602	0	67	8	678
1977	0	14	0	0	0	692
1978	0	2	0	0	1	695
1979	0	6	0	0	1	702
Total	1	624	0	67	10	702

Permanent Transfer Patterns
for
Lower Yukon Gillnet Permits
By Residency and Year
3/17/76-8/20/79

From	To	Number by Year				Total	% of all Fishery Transfers	% of all same Residency Category
		76	77	78	79			
ARL	ARL	5	6	16	17	44	73%	83%
ARL	NR	0	0	1	0	1	1.7%	1.9%
ARL	ARN	0	0	1	0	1	1.7%	1.9%
ARL	AUN	0	1	1	5	7	11.7%	13.2%
ARN	ARN	1	1	2	0	4	6.7%	67%
ARN	ARL	0	0	1	0	1	1.7%	33%
ARN	AUN	0	0	1	0	1	1.7%	33%
AUN	AUN	0	0	1	0	1	1.7%	100%
Total		6	8	24	22	60	100%	

Summary of Permanent Transfer Patterns
for
Lower Yukon Gillnet Permits

Residency Category	Gain	Loss	Net	% of Initial Issuance
NR	1	0	+1	(+100%)
ARL	1	9	-8	(-1.3%)
ARN	1	2	-1	(-1.5%)
AUN	8	0	+8	(+80%)

Residency of Initial Permit Holders
of
Norton Sound Gillnet Fishery
By Year

Year	NR	ARL	AUL	ARN	AUN	Total
1976	0	156	12	1	0	169
1977	0	5	2	0	0	176
1978	0	0	0	0	0	176
1979	0	1	0	0	0	177
Total	0	162	14	1	0	177

Permanent Transfer Patterns
for
Norton Sound Gillnet Permits
By Residency and Year
1/01/75-8/20/79

Gillnet

From	To	Number by Year				Total	% of all Fishery Transfers	% of all same Residency Category
		76	77	78	79			
ARL	ARL	0	0	3	7	10	63%	71%
ARL	NR	0	1	0	0	1	6%	7%
ARL	AUL	0	0	1	1	2	13%	15%
ARL	AUN	0	0	0	1	1	6%	7%
AUL	AUL	0	0	1	0	1	6%	50%
AUL	AUN	0	0	1	0	1	6%	50%
Total		0	1	6	9	16	100%	

Summary of Permanent Transfer Patterns
for
Norton Sound Gillnet Permits

Residency Category	Gain	Loss	Net	% of Initial Issuance
NR	1	0	+1	(-)
ARL	0	4	-4	(-2.5%)
AUL	2	1	+1	(+7.0%)
AUN	2	0	+2	(-)

Residency of Initial Permit Holders
for
Kotzebue Gillnet Fishery
By Year

Year	NR	ARL	AJL	ARN	AUN	Total
1976	0	25	92	0	2	119
1977	0	17	38	0	1	175
1978	0	0	2	0	0	177
1979	0	0	3	0	0	180
Total	<u>0</u>	<u>42</u>	<u>135</u>	<u>0</u>	<u>3</u>	<u>180</u>

Permanent Transfer Patterns for Kotzebue
Gillnet Permits
By Residency and Year
3/17/76-8/20/79

<u>From</u>	<u>To</u>	<u>Number by Year</u>				<u>Total</u>	<u>% of all Fishery Transfers</u>	<u>% of all same Residency Category</u>
		<u>76</u>	<u>77</u>	<u>78</u>	<u>79</u>			
ARL	ARL	1	0	1	1	3	7%	30%
ARL	AUL	0	1	1	5	7	17%	70%
AUL	AUL	3	2	13	10	28	68%	100%
AUN	AUN	0	0	1	1	2	5%	67%
AUN	ARL	0	0	1	0	1	2%	33%
<u>Totals</u>		<u>4</u>	<u>3</u>	<u>17</u>	<u>17</u>	<u>41</u>	<u>100%</u>	

Summary of Permanent Transfer Patterns
for
Kotzebue Gillnet Permits

<u>Residency Category</u>	<u>Gain</u>	<u>Loss</u>	<u>Net</u>	<u>% of Initial issuance</u>
ARL	1	7	-6	(-14.3%)
AUL	7	0	+7	(+ 5.2%)
AUN	0	1	-1	(-33%)

Residency of Initial Permit Holders for
Upper Yukon Gillnet and Fishwheel Fisheries
By Year

Gillnet Fishery

Year	NR	ARL	AUL	ARN	AUN	Total
1976	0	31	4	0	0	35
1977	0	5	2	2	0	44
1978	0	1	2	0	0	47
1979	<u>0</u>	<u>2</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>49</u>
Total	0	39	8	2	0	49

Fishwheel Fishery

Year	NR	ARL	AUL	ARN	AUN	Total
1976	0	69	8	3	0	80
1977	0	26	1	0	0	107
1978	0	0	1	0	0	108
1979	<u>0</u>	<u>4</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>113</u>
Total	0	99	11	3	0	113

Upper Yukon Permanent Transfer Patterns
Gillnet Fishery

<u>From</u>	<u>To</u>	<u>Number by Year</u>				<u>Total</u>	<u>% of all Fishery Transfers</u>	<u>% of all same Residency Category</u>
		<u>76</u>	<u>77</u>	<u>78</u>	<u>79</u>			
ARL	ARL	1	1	1	3	6	75%	75%
ARL	AUL	0	0	1	0	1	12.5%	12.5%
ARL	AUN	0	0	0	1	1	12.5%	12.5%
Totals		1	1	2	4	8	100%	

Summary of Permanent Transfer Patterns
for
Upper Yukon Gillnet Permits

<u>Residency Category</u>	<u>Gain</u>	<u>Loss</u>	<u>Net</u>	<u>% of Initial Issuance</u>
ARL	0	2	-2	(-5.1%)
AUL	1	0	+1	(+12.5%)
AUN	1	0	+1	(+50%)

Permanent Transfer Patterns for Upper Yukon
Fishwheel and Gillnet Permits
By Residency and Year
3/17/76-8/20/79

Fishwheel Fishery

From	To	Number by Year				Total	% of all Fishery Transfers	% of all same Residency Category
		76	77	78	79			
ARL	ARL	2	2	6	2	12	57.1%	75%
ARL	AUL	0	0	2	0	2	9.5%	12.5%
ARL	ARN	0	0	1	0	1	4.8%	6.25%
ARL	AUN	0	0	0	1	1	4.8%	6.25%
AUL	AUL	0	0	0	2	2	9.5%	100%
ARN	ARL	0	0	2	1	3	14.3%	100%
Totals		2	2	11	6	21	100%	

Summary of Permanent Transfer Patterns
for
Upper Yukon Fishwheel Permits

Residency Category	Gain	Loss	Net	% of Initial Issuance
ARL	3	4	-1	(- 1%)
AUL	2	0	+2	(+18.2%)
ARN	1	3	-2	(-66.7%)
AUN	1	0	+1	(+100%)

Gains and Losses
of Permanent Permits
by
Fishery/Gear Type and Year

Southeast Purse Seine

	<u>75</u>	<u>76</u>	<u>77</u>	<u>78</u>	<u>79</u>	<u>Total</u>
NR	+2	+3	+8	+7	+3	+23
ARL	-1	-5	-10	-7	-4	-27
AUL	-2	+2	+1	-1	+1	+1
AUN	+1	0	+1	+1	0	+3

Southeast Drift Gillnet

	<u>75</u>	<u>76</u>	<u>77</u>	<u>78</u>	<u>79</u>	<u>Total</u>
NR	-6	-4	-5	-5	+2	-18
ARL	+4	+1	-3	+3	0	+5
AUL	+2	+4	+7	+2	-1	+14
ARN	0	0	+1	0	0	+1
AUN	0	-1	0	0	-1	-2

Yakutat Set Gillnet

	<u>75</u>	<u>76</u>	<u>77</u>	<u>78</u>	<u>79</u>	<u>Total</u>
NR	-2	-1	+1	0	0	-2
ARL	+3	+1	-2	0	+1	+3
ARN	0	0	+1	0	0	+1
AUN	-1	0	0	0	-1	-2

Prince William Sound Purse Seine

	<u>75</u>	<u>76</u>	<u>77</u>	<u>78</u>	<u>79</u>	<u>Total</u>
NR	-3	+5	+2	+5	-2	+7
ARL	0	-1	0	-1	-1	-3
AUL	+2	-6	-3	-6	+4	-9
ARN	0	+1	0	+1	0	+2
AUN	+1	+1	+1	+1	-1	+3

Prince William Sound Drift Gillnet

	<u>75</u>	<u>76</u>	<u>77</u>	<u>78</u>	<u>79</u>	<u>Total</u>
NR	-4	-5	+4	+2	+1	-2
ARL	0	-1	-3	0	+1	-3
AUL	-3	+5	-2	-5	-7	-12
ARN	+1	0	0	+5	-3	+3
AUN	+6	+1	+1	-7	+8	+14

Gains and Losses of Permanent Permits

Prince William Sound Set Gillnet

	<u>75</u>	<u>76</u>	<u>77</u>	<u>78</u>	<u>79</u>	<u>Total</u>
NR	-2	0	+1	0	-1	-2
AUL	+2	0	-2	0	+1	+1
AUN	0	0	+1	0	0	+1

Cook Inlet Purse Seine

	<u>75</u>	<u>76</u>	<u>77</u>	<u>78</u>	<u>79</u>	<u>Total</u>
NR	0	+1	0	0	0	+1
ARL	0	+1	+1	-1	0	+1
AUL	0	-2	-1	+1	0	-2

Cook Inlet Drift Gillnet

	<u>75</u>	<u>76</u>	<u>77</u>	<u>78</u>	<u>79</u>	<u>Total</u>
NR	-3	-1	+2	+1	+1	0
ARL	+2	+2	+4	+1	+5	+14
AUL	+2	-1	-5	-2	-3	-9
ARN	0	+1	0	0	-1	0
AUN	-1	-1	-1	0	-2	-5

Cook Inlet Set Gillnet

	<u>75</u>	<u>76</u>	<u>77</u>	<u>78</u>	<u>79</u>	<u>Total</u>
NR	0	-9	-2	-1	+7	-5
ARL	+1	+2	-8	+8	+1	+4
AUL	0	+8	+13	-4	-9	+8
ARN	-1	0	0	0	0	-1
AUN	0	-1	-3	-3	+1	-6

Kodiak Purse Seine

	<u>75</u>	<u>76</u>	<u>77</u>	<u>78</u>	<u>79</u>	<u>Total</u>
NR	-4	+1	-3	-3	0	-9
ARL	0	0	0	-1	+2	+1
AUL	+5	-2	+3	+3	-2	+7
ARN	0	+1	0	-3	0	-2
AUN	-1	0	0	+4	0	+3

Gains and Losses of Permanent Permits

Kodiak Beach Seine

	<u>75</u>	<u>76</u>	<u>77</u>	<u>78</u>	<u>79</u>	<u>Total</u>
NR	0	0	+1	0	+1	+2
ARL	0	-1	-2	0	0	-3
AUL	0	+1	+1	+1	-3	0
ARN	0	0	-1	+1	-1	-1
AUN	0	0	+1	-2	+3	+2

Kodiak Set Gillnet

	<u>75</u>	<u>76</u>	<u>77</u>	<u>78</u>	<u>79</u>	<u>Total</u>
NR	-8	+4	-1	-2	0	-7
ARL	+1	-3	+2	-5	+1	-4
AUL	+7	+5	-1	+7	-1	+17
ARN	-1	-2	0	0	0	-3
AUN	+1	-4	0	0	0	-3

Chignik Purse Seine

	<u>75</u>	<u>76</u>	<u>77</u>	<u>78</u>	<u>79</u>	<u>Total</u>
NR	0	0	-1	0	-1	-2
ARL	0	0	-2	+2	0	0
AUL	0	0	+1	0	0	+1
AUN	0	0	+2	-2	+1	+1

Peninsula-Aleutians Purse Seine

	<u>75</u>	<u>76</u>	<u>77</u>	<u>78</u>	<u>79</u>	<u>Total</u>
NR	0	0	0	0	+1	+1
ARL	-1	+1	0	0	-1	-1
AUN	+1	-1	0	0	0	0

Peninsula-Aleutians Drift Gillnet

	<u>75</u>	<u>76</u>	<u>77</u>	<u>78</u>	<u>79</u>	<u>Total</u>
NR	0	+1	+1	+4	0	+6
ARL	0	0	-2	-4	-1	-7
ARN	0	0	+1	0	0	+1
AUN	0	-1	0	0	+1	0

Gains and Losses of Permanent Permits

Peninsula-Aleutians Set Gillnet

	<u>75</u>	<u>76</u>	<u>77</u>	<u>78</u>	<u>79</u>	<u>Total</u>
NR	0	0	+1	-1	0	0
ARL	+1	0	-1	0	0	0
ARN	0	0	0	0	0	0
AUN	-1	0	0	+1	0	0

Bristol Bay Drift Gillnet

	<u>75</u>	<u>76</u>	<u>77</u>	<u>78</u>	<u>79</u>	<u>Total</u>
NR	-7	+1	+10	+13	+12	+29
ARL	+1	0	-9	-18	-17	-43
ARN	+1	+1	+1	-9	-1	-7
AUN	+5	-2	-2	+14	+6	+21

Bristol Bay Set Gillnet

	<u>75</u>	<u>76</u>	<u>77</u>	<u>78</u>	<u>79</u>	<u>Total</u>
NR	-1	+3	+6	-1	+3	+10
ARL	+2	-10	-7	-10	-21	-46
ARN	-1	+1	+1	+1	+4	+6
AUN	0	+6	0	+10	+14	+30

Statewide Power Troll

	<u>75</u>	<u>76</u>	<u>77</u>	<u>78</u>	<u>79</u>	<u>Total</u>
NR	-24	-1	-14	-19	-1	-59
ARL	+4	-1	-6	+1	-2	-4
AUL	+22	+1	+21	+16	+6	+66
ARN	-1	+1	0	0	-2	-2
AUN	-1	0	-1	+2	-1	-1

Kuskokwim Gillnet

	<u>76</u>	<u>77</u>	<u>78</u>	<u>79</u>	<u>Total</u>
ARL	+1	0	-2	-2	-3
AUL	-1	0	+3	+2	+4
ARN	0	0	-2	-1	-3
AUN	0	0	+1	+1	+2

Kotzebue Gillnet

	<u>76</u>	<u>77</u>	<u>78</u>	<u>79</u>	<u>Total</u>
ARL	0	-1	0	-5	-6
AUL	0	+1	+1	+5	+7
AUN	0	0	-1	0	-1

Gains and Losses of Permanent Permits

Lower Yukon Gillnet

	<u>76</u>	<u>77</u>	<u>78</u>	<u>79</u>	<u>Total</u>
NR	0	0	+1	0	+1
ARL	0	-1	-2	-5	-8
ARN	0	0	-1	0	-1
AUN	0	+1	+2	+5	+8

Upper Yukon Fishwheel

	<u>76</u>	<u>77</u>	<u>78</u>	<u>79</u>	<u>Total</u>
ARL	0	0	-1	0	-1
AUL	0	0	+2	0	+2
ARN	0	0	-1	-1	-2
AUN	0	0	0	+1	+1

Upper Yukon Gillnet

	<u>76</u>	<u>77</u>	<u>78</u>	<u>79</u>	<u>Total</u>
ARL	0	0	-1	-1	-2
AUL	0	0	+1	0	+1
AUN	0	0	0	+1	+1

Norton Sound Gillnet

	<u>76</u>	<u>77</u>	<u>78</u>	<u>79</u>	<u>Total</u>
NR	0	+1	0	0	+1
ARL	0	-1	-1	-2	-4
AUL	0	0	0	+1	+1
AUN	0	0	+1	+1	+2

APPENDIX D:

FAMILIAL TRANSFERS BY RESIDENCY CATEGORY,

FISHERY AND YEAR

Number of
Intra-Familial Permanent Permit Transfers
By Fishery, Gear Type and Year

Fishery/Gear Type	Year	NR	Intra-Cohort ¹				Cross ² Cohort	Total
			ARL	AUL	ARN	AUN		
<u>Southeastern</u>								
Purse Seine	1975	4	4	4	0	0	2	14
	1976	1	0	0	0	0	0	1
	1977	1	0	3	0	0	1	5
	1978	2	1	1	0	0	1	5
	1979	0	1	2	0	0	0	3
Totals		8	6	10	0	0	4	28
Drift Gillnet	1975	3	3	11	0	0	0	17
	1976	2	0	7	0	0	0	9
	1977	2	1	10	0	0	1	14
	1978	2	2	14	0	0	2	20
	1979	0	4	8	1	0	1	14
Totals		9	10	50	1	0	4	74
<u>Yakutat</u>								
Set Gillnet	1975	1	0	0	0	0	0	1
	1976	1	2	0	0	0	1	4
	1977	0	3	0	0	0	0	3
	1978	2	3	0	0	0	1	6
	1979	0	1	0	0	0	0	1
Totals		4	9	0	0	0	2	15
<u>Prince William Sound</u>								
Purse Seine	1975	2	0	0	0	0	0	2
	1976	3	0	2	0	0	0	5
	1977	1	0	0	0	1	1	3
	1978	1	1	2	0	1	2	7
	1979	4	0	3	0	3	2	12
Totals		11	1	7	0	5	5	29
Drift Gillnet	1975	2	0	1	0	0	1	4
	1976	5	0	2	3	0	2	12
	1977	1	0	3	1	1	3	9
	1978	0	1	5	2	0	1	9
	1979	2	1	4	0	2	1	10
Totals		10	2	15	6	3	8	44
Set Gillnet	1975	0	0	0	0	0	0	0
	1976	0	0	0	0	0	0	0
	1977	0	0	0	0	0	1	1
	1978	0	0	0	0	0	0	0
	1979	0	0	0	0	0	0	0
Totals		0	0	0	0	0	1	1

Intra-Familial Permanent Permit Transfers
(2)

Fishery/Gear Type	Year	NR	Intra-Cohort ¹		ARN	AUN	Cross ² Cohort	Total
			ARL	AUL				
Cook Inlet								
Purse Seine	1975	0	2	0	0	0	0	2
	1976	0	1	1	0	0	0	2
	1977	0	0	3	0	0	0	3
	1978	0	0	2	0	0	0	2
	1979	0	0	2	0	0	0	2
Totals		0	3	8	0	0	0	11
Drift Gillnet	1975	1	3	1	0	0	0	5
	1976	6	2	1	0	0	0	9
	1977	5	7	6	0	0	2	20
	1978	5	10	7	0	0	4	26
	1979	7	5	8	0	0	3	23
Totals		24	27	23	0	0	9	83
Set Gillnet	1975	0	3	11	0	0	1	15
	1976	1	5	8	0	1	2	17
	1977	2	1	13	0	0	2	18
	1978	1	6	18	0	0	5	30
	1979	0	5	12	0	0	1	18
Totals		4	20	62	0	1	11	98
Kodiak								
Purse Seine	1975	1	0	1	1	1	5	9
	1976	5	0	0	0	0	2	7
	1977	2	6	2	0	2	1	13
	1978	1	4	1	0	1	1	8
	1979	1	0	4	0	0	1	6
Totals		10	10	8	1	4	10	43
Beach Seine	1975	0	0	0	0	0	0	0
	1976	0	1	0	0	0	0	1
	1977	0	1	1	0	0	1	3
	1978	0	3	1	0	0	0	4
	1979	0	0	1	0	0	0	1
Totals		0	5	3	0	0	1	9
Set Gillnet	1975	2	2	1	0	0	1	6
	1976	0	0	1	0	1	1	3
	1977	1	1	2	0	0	0	4
	1978	1	2	2	0	0	0	5
	1979	1	1	1	0	0	1	4
Totals		5	6	7	0	1	3	22

Intra-Familial Permanent Permit Transfers
(3)

Fishery/Gear Type	Year	NR	Intra-Cohort ¹			AUN	Cross ² Cohort	Total
			ARL	AUL	ARN			
<u>Chignik</u>								
Purse Seine	1975	0	0	0	0	0	0	0
	1976	0	0	0	0	0	0	0
	1977	0	0	0	0	2	2	4
	1978	0	0	0	0	0	3	3
	1979	0	0	0	0	0	1	1
Totals		0	0	0	0	2	6	8
<u>Peninsula-Aleutians</u>								
Purse Seine	1975	0	1	0	0	0	1	2
	1976	0	2	0	0	0	1	3
	1977	0	8	0	0	0	0	8
	1978	1	2	0	0	0	0	3
	1979	1	5	0	0	0	0	6
Totals		2	18	0	0	0	2	22
Drift Gillnet	1975	0	1	0	0	0	2	3
	1976	0	2	0	0	0	1	3
	1977	1	7	0	0	0	0	8
	1978	0	2	0	0	0	1	3
	1979	0	4	0	0	1	0	5
Totals		1	16	0	0	1	4	22
Set Gillnet	1975	0	3	0	0	0	1	4
	1976	0	0	0	0	0	0	0
	1977	0	7	0	0	0	0	7
	1978	2	3	0	0	0	1	6
	1979	1	3	0	0	0	0	4
Totals		3	16	0	0	0	2	21
<u>Bristol Bay</u>								
Drift Gillnet	1975	14	4	0	0	0	0	18
	1976	19	6	0	0	3	2	30
	1977	21	21	0	1	8	6	57
	1978	13	25	0	2	4	2	46
	1979	19	20	0	0	10	2	51
Totals		86	76	0	3	25	12	202
Set Gillnet	1975	2	7	0	0	1	0	10
	1976	4	14	0	0	1	5	24
	1977	2	13	0	0	3	2	20
	1978	2	16	0	3	2	5	28
	1979	2	14	0	1	5	4	26
Totals		12	64	0	4	12	16	108

Intra-Familial Permanent Permit Transfers
(4)

Fishery/Gear Type	Year	NR	ARL	Intra-Cohort ¹		AUN	Cross ² Cohort	Total
				AUL	ARN			
<u>Statewide</u>								
Power Troll	1975	3	0	9	0	0	2	14
	1976	3	1	11	0	0	1	16
	1977	2	1	11	0	0	3	17
	1978	3	4	6	0	0	3	16
	1979	3	4	6	0	0	2	15
Totals		14	10	43	0	0	11	78
<u>Kuskokwim</u>								
Gillnet	1976	0	7	1	0	0	0	8
	1977	0	7	1	4	0	1	13
	1978	0	20	7	4	0	1	32
	1979	0	9	5	4	0	2	20
Totals		0	43	14	12	0	4	73
<u>Kotzebue</u>								
Gillnet	1976	0	1	2	0	0	0	3
	1977	0	0	1	0	0	1	2
	1978	0	0	6	0	0	3	9
	1979	0	0	4	0	0	1	5
Totals		0	1	13	0	0	5	19
<u>Lower Yukon</u>								
Gillnet	1976	0	5	0	1	0	0	6
	1977	0	5	0	1	0	0	6
	1978	0	12	0	2	0	2	16
	1979	0	12	0	0	0	0	12
Totals		0	34	0	4	0	2	40
<u>Upper Yukon</u>								
Fishwheel	1976	0	1	0	1	0	0	2
	1977	0	0	0	0	0	0	0
	1978	0	3	0	0	0	0	3
	1979	0	0	1	0	0	0	1
Totals		0	4	1	1	0	0	6
Gillnet	1976	0	0	0	0	0	0	0
	1977	0	1	0	0	0	0	1
	1978	0	1	0	0	0	1	2
	1979	0	1	0	0	0	2	3
Totals		0	3	0	0	0	3	6