1988
ANNUAL REPORT

COMMERCIAL FISHERIES ENTRY COMMISSION

STATE OF ALASKA

COMMERCIAL FISHERIES ENTRY COMMISSION

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(Pursuant to AS 16.43.980, this report is the Commission's annual report to the Legislature.)

INTRODUCTION

The Commercial Fisheries Entry Commission (CFEC) is an exempt, independent, quasi-judicial agency responsible for promoting the conservation and sustained yield management of Alaska's fisheries resources and the economic health and stability of commercial fishing in Alaska by regulating ("limiting") entry into the fisheries in the public interest.

To meet these responsibilities, the Commission engages in the following activities mandated by law (AS 16.43.010-090):

Establishes maximum numbers of entry permits for fisheries to be limited, and implements application processes and systems to rank eligible applicants according to the relative hardship they would suffer by not receiving initially an entry permit for a limited fishery;

Processes entry permit applications and adjudicates claims not resolved in initial classification;

Issues entry permits in limited fisheries, interim-use permits in unlimited fisheries, and licenses for all vessels used to legally participate in the State's commercial fisheries;

Processes requests for emergency and permanent transfers of entry and interim-use permits, and compiles data on all such transfers;

Enforces provisions of the Limited Entry Act by regulating permit transfer activities, conducting investigations, and initiating administrative enforcement proceedings;

Monitors unlimited fisheries to assess the rate of development and the potential need for limitation;

Monitors limited fisheries to obtain information needed for setting optimum numbers in those fisheries, and to determine the need for fleet reduction;

Participates in the research and development of comprehensive fisheries economic data, and disseminates same to policy makers and members of the public; and,

Works with other State and Federal management agencies to develop and coordinate fisheries policies.

As noted herein, 1988 was a productive year for the Commission. Although only one new fishery was limited (the Nunivak Island herring gill net fishery in January), considerable progress was made on developing priority hardship ranking ("point") systems for the Westward herring fisheries limited during 1987. Several meetings were held with affected individuals in Western Alaska communities and formal hearings on the proposals were held throughout the fall.

Processing applications for permanent permits in three Southeast Alaska crab fisheries (limited in 1984), three Southeast Alaska sablefish fisheries (limited in 1985), and the Prince William Sound herring spawn on kelp pound fishery (limited early in 1987), continued throughout the year. Additionally, processing of some 273 applications for permits in the 19 salmon fisheries limited in 1973 began when the Wassillie settlement was finalized in August.

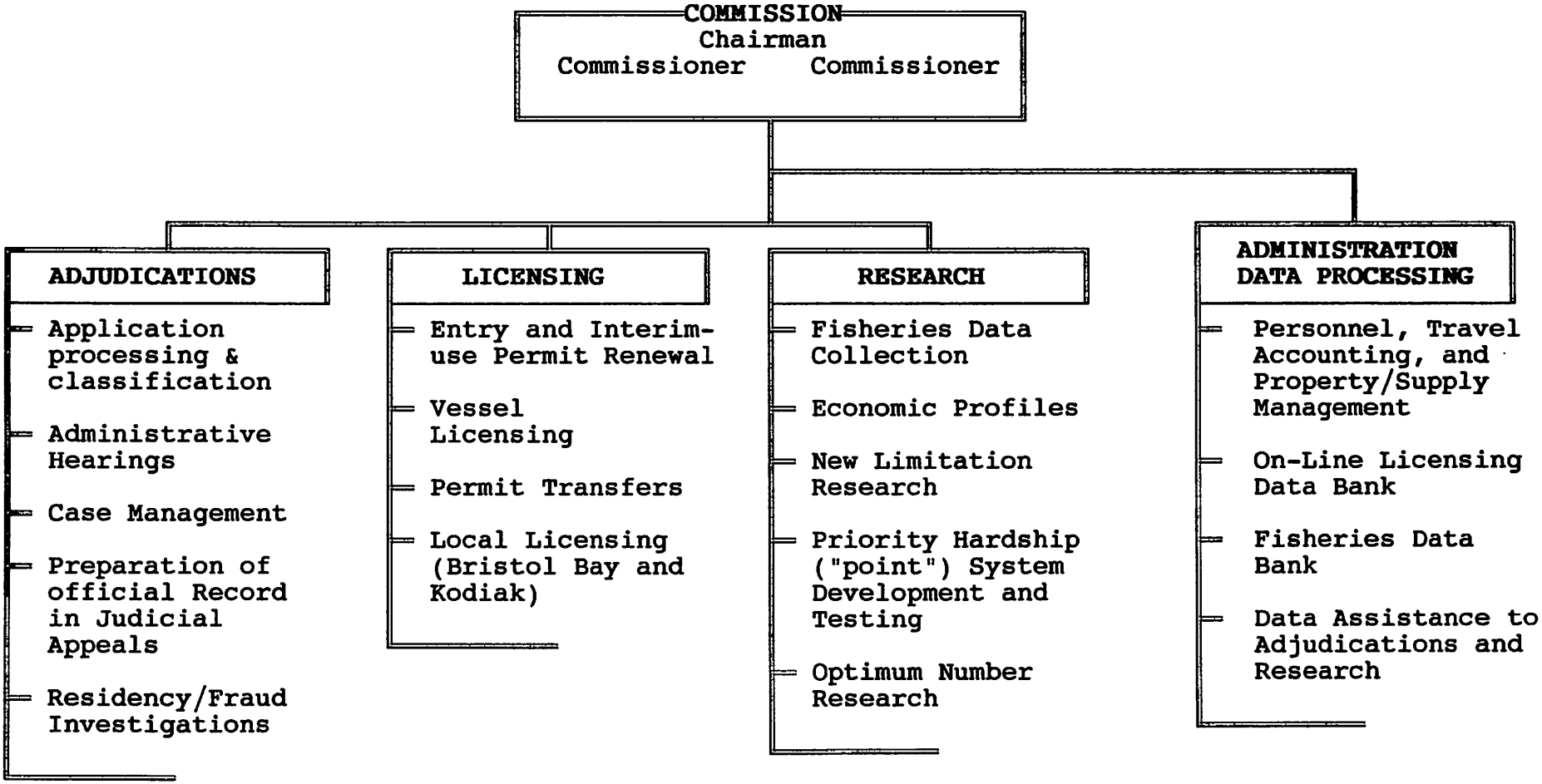
The July 1, 1988 Supreme Court decision in the Johns case (see discussion herein) has resulted in a directed effort to develop optimum number proposals for the Southeast Alaska herring roe purse seine fishery, an effort that must continue for some time and will likely expand to other limited fisheries.

Additionally necessitated by the sacrifice, due to budget reductions, of the small mini-computer (IBM 4361), the Commission has made respectable progress toward converting the research data system to a network of personal computers; most agency staff are now so equipped; the result has been increased efficiency and consequent savings of both time and money.

The Commission's FY 89 budget reflected the desire of the Administration and the Legislature to maintain the funding levels, and Commission activities, approved during the prior year. After the fiscal year began, however, the Legislative Budget and Audit Committee approved a revised program to enable the Commission to respond to the demands of the Johns case and the Wassillie settlement. Continued funds for those projects are requested within the FY 90 budget request of 2581. The Commission's budget is funded from General Fund Program Receipts (revenues resulting from Commission activities such as issuance and renewal of permits, vessel licensing, application and user fees, administrative fines, etc.), and such receipts during FY 88 approached 4500.0.

Questions or comments about the contents of this report are welcome and can be directed to the Commissioners.

COMMERCIAL FISHERIES ENTRY COMMISSION
Organization by Agency Function*



***NOTE:** The above Organizational Chart presents a general view of the Commission's primary functions. It by no means lists all activities undertaken to meet the Commission statutory responsibilities as enumerated in AS 16.43.010 - 090.

ADJUDICATIONS

Among its other duties, as a quasi-judicial agency, the Commission conducts administrative hearings and issues decisions affecting entry permit applications, permit transfer requests, and fee arrearage cases as well as revocation and suspension actions. Generally, this adjudicative function is performed by the Commission's hearing officers and commissioners following determinations made by the paralegals and the transfer officer. It normally comes into play only when an individual requests and is granted a hearing to contest an adverse determination; however, a hearing must be held in all show cause and suspension actions unless waived by the affected party.

The Commission again had a very productive year, issuing more than 100 final decisions for the fourth year in a row. The number of final decisions would have been even greater had the commissioners not been required to put approximately two months of work into the establishment of point systems for the Westward herring fisheries. Due to budgetary help from the Legislature, the Adjudications Section was able to hire two new hearing officers and a new paralegal. While a dramatic increase in hearing officer decisions was made in 1988, even greater efficiency is expected in years to come.

Administrative Proceedings and Decisions

The commissioners adjudicated a total of 129 cases during 1988, 25 cases (or 24%) more than in 1987. Of the 129 cases, 72 involved permit applications, 45 involved permit transfers, 7 were show cause proceedings, and 5 were miscellaneous actions. They ruled on 68 requests for administrative review of hearing officer decisions, 7 requests for reconsideration of their own decisions, and 15 requests by Commission staff to issue orders in show cause proceedings. They conducted 9 oral presentations, 1 involving a permit application, 2 involving permit transfers, and 6 involving orders to show cause. At the end of the year, 165 cases were in various stages of the adjudication process leading up to the issuance of final decisions by the commissioners (down from 173 pending at the end of 1987).

The hearing officers conducted 99 hearings (31 entry permit applications, 44 permit transfers, 5 fee arrearages, 6 show cause proceedings, and 13 miscellaneous actions) and issued 124 final decisions, which represented an increase of 44% over the 86 decisions that they issued in 1987. Of those 124 decisions, 68 involved permit applications, 44 involved permit transfers, 1 involved a fee arrearage, 1 involved a miscellaneous action, and 10 involved show cause proceedings. They ruled

on 146 hearing requests consisting of 94 permit applications, 45 permit transfers, 5 fee arrearages, and 2 miscellaneous actions. At the end of the year, 324 cases were in various stages leading up to the issuance of a decision by a hearing officer (up from 257 pending at the end of 1987.)

Investigations

During 1988, the Commission made significant progress in its continuing investigation of suspected false claims relating to permit applications, residency, permit transfers, leasing of permits, and other matters of mutual concern to the Commission, Public Safety's Division of Fish and Wildlife Protection, the Department of Law, the Department of Commerce and Economic Development, the Department of Revenue and other agencies. As in the past, various Commission personnel testified as expert witnesses for local district attorneys and the Department of Law in prosecutions throughout the state.

Even though the Adjudications staff was still operating throughout most of 1988 with reduced staff, insofar as investigations and show cause proceedings are concerned it had perhaps its most productive year to date. A total of 30 people paid fee arrearages of $10,290 as a result of residency investigations, and one of those paid an additional $2,250 in fines for making false claims of Alaska residency. A total of $21,750 in additional fines were received during the year as a result of show cause proceedings conducted pursuant to AS 16.43.960.

The amount of fines received annually will be substantially increased in years to come as a result of a major show cause proceeding conducted in October of 1988 involving a permit leasing ring. After five days of hearing, the parties agreed to settle that case on the following terms: (1) a $120,000 fine will be paid over the next three years and (2) two persons are suspended from being able to hold an entry permit or interim-use permit for a period of three years each. While it didn't result in substantial fines, another show cause proceeding was settled in October on the following terms: (1) a Cook Inlet salmon drift gill net entry permit was suspended for three years; (2) a Prince William Sound salmon drift gill net entry permit was suspended for three years; and (3) a lessee agreed to pay a $5,000 fine and to have his ability to hold an entry permit or interim-use permit suspended for a period of two years.

Judicial Rulings and Appeals

Only two decisions were made by the Alaska Supreme Court involving the Commission and entry permits during 1988.

In Johns v. State, Commercial Fisheries Entry Comm'n, 758 P.2d 1256 (Alaska 1988), the Court ruled that the Commission had authority under the Limited Entry Act to adopt a regulation establishing a maximum number for the Southeast Alaska roe herring purse seine fishery; that a decisional statement was not required when the Commission issued the regulation; that the regulation was constitutional; that the Commission did not abuse its discretion in excluding factors of income dependence and consistency of participation in adopting a point system for the fishery; and, although the Commision had erred by setting the maximum number lower than the historic high, because CFEC had already issued more permits than the appropriate maximum number, there was was no prejudice to Mr. Johns, and no reversal was required. The Court concluded, however, by ordering the Commission to determine the optimum number of permits for the fishery.

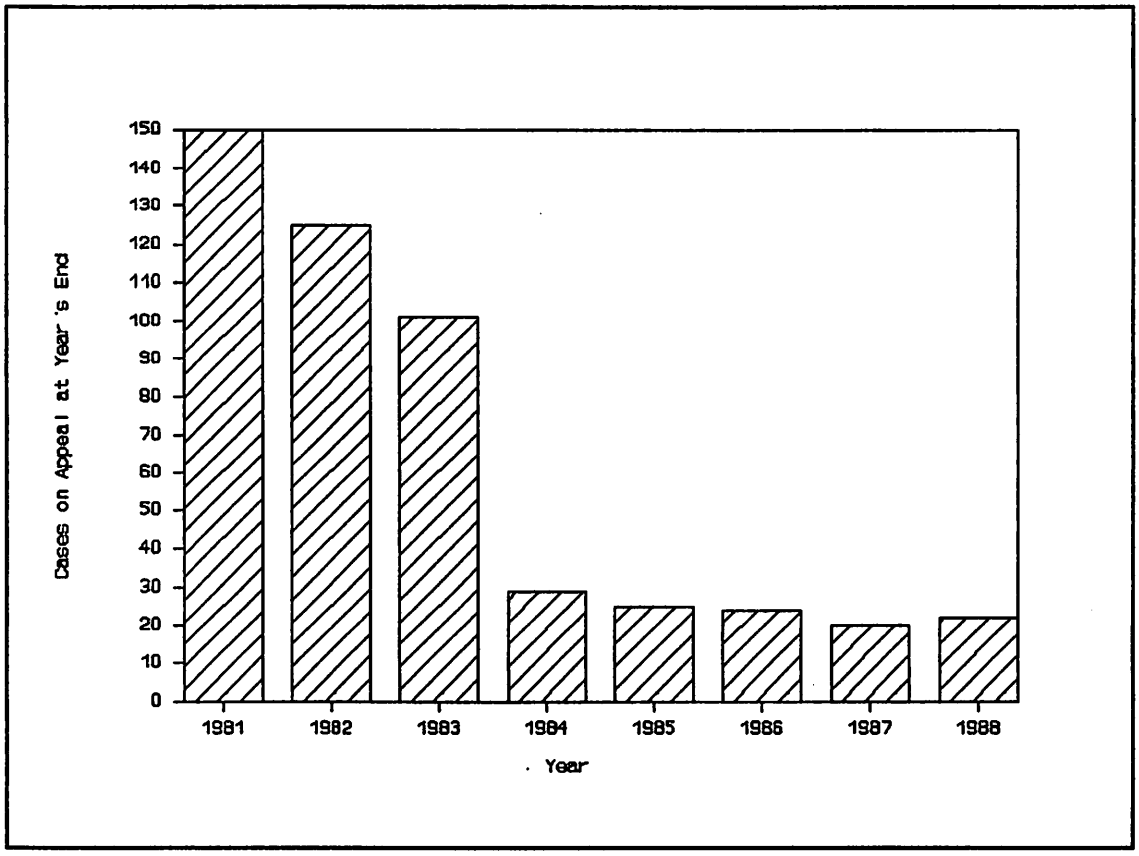
In Arkanakyak v. State, Commercial Fisheries Entry Comm'n, 759 P.2d 513 (Alaska 1988), the Court remanded an application for an entry permit to the Commission for an explicit determination as to whether a non-English speaking Alaska Native's factual circumstances warrant an exception to the

Commission's policy against awarding participation points to an unlicensed crewmember.

While few new decisions were handed down in 1987, the effects of earlier court actions continued to be felt throughout the year. Additional processing of applications for entry permits was required as a result of the following cases: Rutter v. State, 668 P.2d 1343 (Alaska 1983), which invalidated the salmon hand troll point system and brought about new regulations and a supplemental application period; Wassillie v. Simon, 3AN-75-206 Civil, which settled a class action lawsuit and allowed some Alaska Natives to submit late applications because they claimed that they were not provided application assistance that had been promised them; State v. Templeton, 598 P.2d 77 (Alaska 1979), CFEC v. Byayuk, 684 P.2d 114 (Alaska 1984), and Cashen v. State, 686 P.2d 1219(Alaska 1984), which led to new regulations and new claims allowing income dependence claims arising out of some partnership situations; and Deubelbeiss v. CFEC, 689 P.2d 487 (Alaska 1984), which called for new regulations and allowed new claims regarding points for availability of alternative occupations based on an applicant's domicile. The full impact of these decisions has still to be felt by the Commission.

ADJUDICATIONS

At year's end, only 22 of the Commission's decisions were on appeal in the courts, and, of those, only 4 were filed in 1988. As a result, the plateau that was reached in 1984, following a dramatic decline in the number of decisions appealed in former years, remained consistent throughout 1988. The following graph demonstrates the decline in appellate cases and the plateau that has existed in recent years:



LICENSING

The Commission's licensing section has responsibility for issuing the commercial fishing permits and vessel licenses required for all commercial fisheries in Alaska. As well, the section issues replacements for lost licenses and oversees permit transfers. The majority of these transactions are handled by mail through the Juneau office, although localized licensing service is provided in Kodiak year-round and in the Bristol Bay area on a seasonal basis.

During 1988 there was increasing interest in educational entry permits which allow students in commercial fisheries training programs to participate in fisheries and use proceeds from the sale of fish to cover program costs. Five educational permits were issued, compared to two the year before; however, only three of the permits were actually fished in 1988. Another new development was the issuance of 24 special harvest area permits to state-run hatcheries for cost recovery purposes.

The number of permits issued for license year 1988 totalled 31,778, bringing in revenues totalling $4,203,005. Of that amount, $460,728 was transferred to the Fishermen's Fund program in accordance with AS 23.35.060. Revenues from the issuance of 16,574 vessel licenses totalled

$331,480. The net licensing revenue from 1988 licenses was $4,073,757, compared to $2,870,812 for 1987. This increase resulted primarily from changes in the permit fee schedule which went into effect for 1988. In addition, $41,280 in new revenues was generated from user fees, (in effect since October 1987,) charged for services provided at field offices. On the following page is a breakdown of licensing activities and revenues generated for license year 1988:

1988 Licensing Activities and Revenues

	Licensing	Revenues
Limited Entry Permits Not Renewed.....	292	
Limited Entry Permits Renewed.....	12,289	> 12.0
Interim Permits in Limited Fisheries.....	1,476	
Interim Permits in Open-to-Entry Fisheries...	17,994	
Special Harvest Area (Hatchery) Permits.....	24	
Educational Permits.....	5	
TOTAL PAID PERMITS.....	> 30.0 **31,778**	**$4,203,005**
VESSELS LICENSED FOR 1988.....	> 16.0 16,574	$ 331,480
GROSS LICENSING REVENUE.....	48,362	**$4,534,485** 4.5 mill.
Less Fishermen's Fund Transfer.....		($ 460,728)
NET LICENSING REVENUE FOR 1988.....		**$4,073,757**
FIELD OFFICE USER FEES.....		41,280
LIMITED ENTRY PERMIT APPLICATION FEES..		34,650
Resident Permit Holders.....	14,334	
Nonresident Permit Holders.....	3,754	
TOTAL PERMIT HOLDERS.....	**18,088**	

(This includes all individuals that held permits in limited and/or open-to-entry fisheries.)

Field Office Services

During 1988, the Commission expanded its services in the field to include having a licensing clerk in the Dillingham ADF&G office from April 11-22 to issue Togiak herring licenses. Overall this effort was successful, although the vast majority of fishermen waited until the last day to avail themselves of the service. The Commission continued to provide licensing staff at the King Salmon and Dillingham ADF&G offices during the salmon season, as well as the year-round service at the Kodiak office. These services were funded by revenues generated from the $10 per license user fee assessed by the field offices.

1988 FIELD OFFICE USAGE

	Kodiak	King Salmon *	Dillingham *
PERMITS RENEWED			
Resident	1,874	53	215
Nonresident	301	28	16
TOTAL	**2,075**	**81**	**231**
CARDS EMBOSSED			
Original Cards	2,276	371	191
Duplicates	91	81	1
TOTAL	**2,367**	**452**	**192 +**
VESSELS LICENSED	942	63	59
Receipts Printed	909	99	55

* The King Salmon office was staffed from June 1 to July 15; Dillingham was staffed from April 11-22 and from June 6 to July 8.

+ These permits were all embossed during April when the embosser was in Dillingham for herring licensing.

Permit Transfer Activity

The volume of permanent and emergency transfer requests during 1988 remained fairly constant compared to prior years. Out of approximately 1,254 requests for permanent transfer which were submitted, 1,125 were approved by the Commission, compared to 1,121 in 1987. Out of 632 requests for emergency transfer which were received during 1988, 570 were approved, 27 were conditionally approved, and 35 were denied. Approximately 91 emergency transfer requests were received at the Bristol Bay field offices. The appendices at the back of this report include detailed information on permanent transfers by fishery.

RESEARCH

In 1988, the Commission's research efforts were directed toward the most immediate demands faced by the agency. The following section provides a brief summary of 1988 activities.

Westward Herring Point Systems

Under Alaska's Limited Entry Act, the Commission is directed to use a hardship ranking system to initially allocate permanent permits in a newly limited fishery. An allocation mechanism is necessary since typically the number of eligible applicants will exceed the maximum number of permits established for the fishery.

A hardship ranking system is designed to measure the relative hardship each applicant would suffer by not receiving initially an entry permit for the fishery. By statute, these ranking systems are based upon the two broad concepts of past participation and economic dependence. The Commission is asked to consider, where reasonable for a fishery, criteria such as number of years of participation within a fishery, consistency of participation during each year, percentage of income derived from the fishery, availability of alternative occupations, and investment in vessel and gear. Other criteria may also be considered.

The Commission develops and evaluates alternative hardship ranking systems through a process called "priority testing". All available relevant information is compiled into a computer data base. Different measures for each criterion are then tested as are alternative

"weighting" schemes. Each criterion is weighted relative to other criteria through the assignment of "points". Hence, hardship ranking systems are commonly called point systems.

During 1988, the Commission worked to develop point systems for the Norton Sound herring gill net, the Norton Sound herring beach seine, the Cape Romanzof herring gill net, and the Nelson Island herring gill net fisheries which were limited in 1987. Work was also done on a point system for the Nunivak Island herring gill net fishery which was limited in 1988. As part of this process, sample surveys of herring fishermen were conducted to obtain additional information and data on each of these fisheries.

In August of 1988, the Commission proposed point system regulations for each of these five fisheries. The public comment period for these regulatory proposals was extended to December 1st to give those concerned ample time to review and suggest changes to the proposals. During the comment period, public meetings were held throughout Alaska and in Seattle to discuss the proposals and to obtain testimony from participants and other interested parties.

To date, the Commission has not adopted point system regulations for these fisheries. The testimony received during the public hearing process is still being evaluated. The Commission is also awaiting the outcome of

the state's appeal of a court ruling on superexclusive use area regulations for the Norton Sound, Cape Romanzof, and Nelson-Nunivak Island herring areas. The outcome of this appeal may have implications for the point system regulations. In the meantime, any skipper who participated legally and recorded landings in one of these fisheries prior to the year of limitation will be able to obtain an interim use permit for the fishery in 1989.

New Limitations

Regulations limiting the Nunivak herring gill net fishery were adopted in early 1988. No other fisheries were limited during the year.

Each year, as Alaska's high-valued unlimited fisheries face increasing fishing pressure, the Commission receives petitions to limit entry into additional fisheries. Several petitions were received during 1988, and more are anticipated in 1989.

When a petition is received, the Commission must thoroughly examine the fishery to see if entry limitation is warranted. The Commission conducts background research designed to document historical developments and trends, to evaluate the existing regulatory framework, to determine whether or not a workable and beneficial program can be designed under existing statutes, to determine the best way to define the fisheries for limitation purposes in order to prevent post-limitation participation increases, to appraise the potential for jurisdictional conflicts and anticipatory "spillover" effects, and to analyze the type, scope, and magnitude of issues and problems which will need to be resolved in the initial

allocation process. Based on this research, public input, and other relevant information, the Commission decides whether or not to propose a limited entry program.

During 1988, the Commission continued to examine and evaluate fisheries for which entry limitation petitions have been received. At the end of 1988, the Commission had not proposed regulations for any additional limitations.

Optimum Numbers

A recent Alaska Supreme Court Decision, Johns v. State, CFEC, 758 P.2d 1256 (Alaska 1988), directed the Commission to begin the optimum number process. While Johns has implications for all limited fisheries, the Court was immediately concerned with the Southeast Alaska roe herring purse seine fishery. In 1988, the Commission began research to determine optimum numbers in that fishery.

The Legislature originally intended limited entry to be a two-stage process. In the first stage, the Commission would limit a fishery by declaring a maximum number which reflected current participation levels. A hardship ranking system would be developed and the maximum number of entry permits would be allocated to those who ranked highest under the ranking system.

In the second stage, the Commission would determine an optimum number of permits for the fishery. The optimum number is to be based upon three broad criteria established in AS 16.43.290. If the optimum number is less than the number of permits outstanding, a buy-back program was to be automatically triggered. In January of 1985, the commission received an Attorney General's opinion stating that elements of the buy-back statute are unconstitutional.

For this reason and others, the Commission is not contemplating a buy-back program until the statutes can be altered appropriately to provide for a viable fleet reduction alternative. The Commission has devoted resources toward the development of such an alternative, but that work has been undermined by the Johns decision.

If the optimum number is greater than the number of permits outstanding, the statutes direct the Commission to create and sell additional permits to reach the optimum. Until Johns (which addresses the same statutes that govern the Commission's buy-back authority), the Commission had no reason to believe that it would be required to make an optimum number determination in any fishery before all decisions on initial issuance under the point system were finalized.

The Johns case orders the Commission to make an optimum number decision in the Southeast herring purse seine fishery. Johns recognizes that more permits could be created and sold as a result. Because Johns is premised on a constitutional issue, the same claim can be brought in any limited fishery where there has been a substantial change in conditions from the time the fishery was limited.

The Johns case raises many uncertainties. Drawing from the later Owsichek v. State, Guide Licensing and Control Board, 763 P.2d 488 (Alaska 1988), there may be alternative statutory remedies to the Constitutional issues raised by the court in Johns. However, presently the Commission does not know if such alternative remedies exist. At this stage, there is no way to tell with certainty whether or not a particular legislative change would satisfy the court. Some indication may be provided when we see how the Guide Board and the Legislature respond to Owsichek and whether the response survives additional legal challenges.

In the meantime, the Commission is attempting to comply with Johns and has undertaken research to determine optimum numbers in the Southeast Alaska roe herring purse seine fishery. Court documents related to the Johns case are being reviewed. The Commission is surveying fishermen in the fishery to collect data on operating costs, value of necessary fishing capital, gross returns, and net returns. Information may also be collected from other persons and businesses dependent upon the fishery. The Department of Fish and Game will be providing information on manageability and management costs. This project was initiated in 1988 and will continue into 1989.

Work to develop or update models of operating costs and net returns for other limited fisheries was reduced in 1988 due to budget reductions. The commission expects to do work on other fisheries in 1989.

Permit Ownership Patterns

In 1988, the Commission had to forego the publication of its annual update of the report entitled Changes In The Distribution of Permit Ownership in Alaska's Limited Fisheries due to budget reductions. However, the Commission hopes to produce an update in 1989.

This report provides fishery specific and statewide data on transfer incidence, the initial geographical distribution of permit owners, changes due to transfers, changes due to migration, and the year-end geographic distribution of permit holders. Extensive information is also provided on the age distribution of permit holders, age differences between transferors and transfer recipients, the incidence of intra-family and business partner transfers, transfer acquisition methods, and transfer financing methods.

Persons who want to be added to the mailing list for the forthcoming update should contact the Commission.

Southeast Alaska Demersal Shelf Rockfish

In 1988 (Fiscal Year 1989), the Pacific Marine Fisheries Commission provided funding for the Department of Fish and Game to develop a management plan for the Southeast Alaska demersal shelf rockfish fishery. This fishery occurs in both state and federal waters. The state has been delegated some management authority over the fishery by the North Pacific Fishery Management Council. The Pacific Marine Fisheries Commission is interested in interjurisdictional management issues and the development of innovative approaches to management.

A rockfish working group consisting of fishermen and processors was formed and two workshops were held. The purposes of these meetings were to discuss the growing conservation problems in the fishery, to define management objectives for the fishery, and to see if an agreement could be reached on satisfactory short term and long term management measures.

The Department of Fish and Game subcontracted with the Commission to provide time series data on the participants and vessels in the fishery, to discuss and evaluate limited entry options at the workshops, and to provide information on individual fishermen quota programs. Commission staff participated in these workshops and produced three reports for the project.

The report A Compilation of Data On The Southeast Alaska Demersal Shelf Rockfish "Targeted Fishery" was produced in draft form for the second workshop. The final report (CFEC 89-2) will be available in early 1989. The report provides time series data on both participants and vessels targeting on demersal shelf rockfish over the 1979 - 1987 time period. The report includes data on number of participants, turnover of participants, pounds caught, gross earnings, weeks fished, participants' areas of residence, consistency of participation, and percentage of earnings from the fishery. The report also produces data on catch and earnings, the distribution of catch, and income dependence by vessel class.

The report New Zealand's ITQ Program (CFEC Report 88-3) was also produced for the project. This report provides a history of the development and workings of the individual transferable quota program which New Zealand has implemented to manage most of its fisheries. The report covers the development of the program, the attributes of the quota, the initial allocation process, quota markets, enforcement problems, enforcement procedures, and program impacts.

The report Individual Fisherman's Quotas: A Preliminary Review Of Some Recent Programs provides brief case studies of twelve different individual quota programs. The programs covered have been recently

implemented in Atlantic Canada, Ontario, Newfoundland, Wisconsin, New Zealand, and Australia. Each study provides a brief history of the program's development. Topics covered include the nature of the quota shares, the initial allocation process, enforcement problems, enforcement procedures, and known program impacts. This report was also produced in draft form for the second rockfish workshop. The final report (CFEC Report 89-1) will be available in early 1989.

Other Activities

During 1988, the Commission provided extensive time series data on catch, ex-vessel earnings, wholesale value, and employment in Alaska's fisheries to the Alaska Seafood Industry Study Commission. This data was provided in a variety of formats, for the State as a whole, and for numerous subareas. The Study Commission intends to produce a public report in 1989.

Ben Muse, Commission economist, contributed a paper at the 15th Annual meeting of the American Fisheries Society (AFS) in Juneau, Alaska in November of 1988. The paper, Individual Fisherman's Quotas and Fisheries Values, was published by the Department of Fish and Game with other papers presented at the AFS meeting in a special report titled A Symposium On The Value Of Commercial Fisheries To Alaska. The paper discusses the concept of individual fisherman's quotas and uses a hypothetical fishery to explain what might be achieved under such a management regime. Potential problems are noted and real world examples are included.

Ben also contributed an article to the Jan/Feb 1988 issue of Alaska Fish and Game Magazine. The article was titled Alaska Fish And Game & The Dreams Of Alaskans. The paper discusses the concept of waste in a social

context and applies this discussion to the role of the Alaska state government in fisheries management. The paper argues that it is hard to assign property rights to fish and that, since private markets may be unable to reduce waste to acceptable levels when property rights are poorly defined, government management of fisheries can play a role in improving the welfare of Alaskans.

David Ackley, Commission research analyst, also presented a discussion titled The Economics of Recreational Fishing in Bristol Bay, Alaska at the AFS meeting in November. The talk presented the results of the research he performed for his master's thesis. The study specifically examined the value of the recreational fishery in the Kvichak and Naknek drainages of the Bristol Bay area, and also provided an estimate of the value of the recreational fishery over the entire Bristol Bay region. David's research was supported by the University of Alaska Natural Resources Fund.

APPENDIX

TABLE 1 -- PERMIT AND PERMIT TRANSFER STATISTICS, 1975-1988 *

Fishery and Area	Year	Actual Transfer Information: Total Permanent Permits	Permanent Permits Held by Alaskans	Total Number of Transfers	Number of Permits Involved in Transfers	Change in Residency Due to Transfers	Permits with State Liens	Transfer Survey Information: Number of Non-mon. Transfers	Number of Monetary Transfers	Average Price Paid for Permits	Number of Financed Monetary Transfers
Sablefish Longline											
N. Southeastern	88	16	14	0	0	0	0	0	0	---	0
Sablefish Pots											
S. Southeastern	88	1	1	0	0	0	0	0	0	---	0
Herring Purse Seine											
Southeastern	77	38	36	0	0	0	0	0	0	---	0
	78	41	37	2	2	- 1	0	0	0	---	0
	79	42	38	2	2	0	1	1	0	---	0
	80	42	38	2	2	+ 1	1	2	0	---	0
	81	41	38	1	1	0	3	1	0	---	0
	82	42	39	4	4	0	5	2	2	***	2
	83	42	37	3	3	- 2	6	1	2	***	1
	84	42	37	1	1	0	8	0	1	***	1
	85	43	38	2	2	0	9	0	2	***	2
	86	44	39	3	3	0	9	1	2	***	2
	87	44	39	3	3	0	10	1	2	***	2
	88	44	36	3	3	- 2	11	0	3	***	0
Prince Wm Sound	77	85	77	3	3	- 1	0	0	1	***	1
	78	91	78	7	6	- 1	0	0	1	***	0
	79	92	80	16	13	+ 1	0	1	2	***	1
	80	92	77	7	7	- 1	5	2	4	46,250	3
	81	92	76	4	4	0	8	2	2	***	2
	82	93	78	10	10	0	14	3	7	71,250	6
	83	97	83	2	2	+ 2	16	1	1	***	1
	84	100	86	16	15	+ 1	22	9	7	63,857	7
	85	102	86	16	14	- 1	25	4	12	66,375	5
	86	102	85	13	13	0	29	3	10	75,750	6
	87	103	84	6	6	0	29	2	4	96,250	1
	88	103	82	11	10	+ 1	34	1	10	160,500	3
Cook Inlet	77	61	57	1	1	0	0	0	1	***	0
	78	67	60	9	7	- 1	0	1	1	***	1
	79	68	59	10	7	0	0	0	4	27,500	1
	80	68	58	3	3	0	5	1	1	***	1
	81	68	57	4	4	- 1	6	1	3	***	1
	82	69	59	2	2	0	6	1	1	***	1
	83	70	59	1	1	0	6	1	0	---	0
	84	72	60	3	3	0	7	2	1	***	1
	85	73	59	12	12	+ 1	8	2	10	16,700	0
	86	73	57	20	19	- 2	10	7	13	31,362	4
	87	73	56	14	14	- 2	12	3	11	111,364	3
	88	73	55	5	5	0	17	1	4	165,000	2

* Please read "Notes for Table" at end of table.

TABLE 1 -- PERMIT AND PERMIT TRANSFER STATISTICS, 1975-1988 *

		Actual Transfer Information						Transfer Survey Information			
Fishery and Area	Year	Total Permanent Permits	Permanent Permits Held by Alaskans	Total Number of Transfers	Number of Permits Involved in Transfers	Change in Residency Due to Transfers	Permits with State Liens	Number of Non-mon. Transfers	Number of Monetary Transfers	Average Price Paid for Permits	Number of Financed Monetary Transfers
Herring Purse Seine											
Kodiak	84	5	5	0	0	0	0	0	0	---	0
	85	42	39	6	6	0	2	2	4	36,250	2
	86	42	39	9	9	+ 1	4	2	7	23,286	3
	87	44	40	9	7	- 1	6	0	9	22,611	2
	88	45	42	4	4	+ 1	8	2	2	***	1
Herring Seine/Gill Net											
Kodiak	87	1	1	0	0	0	0	0	0	---	0
	88	1	1	0	0	0	0	0	0	---	0
Herring Gill Net											
Southeastern	78	10	10	1	1	0	0	0	0	---	0
	79	39	35	2	2	0	1	0	0	---	0
	80	44	38	4	4	0	2	0	4	13,363	4
	81	45	39	4	4	+ 1	6	0	4	13,875	2
	82	59	47	6	6	- 1	10	1	5	27,500	5
	83	67	47	12	12	- 6	8	9	3	***	2
	84	82	62	11	11	+ 1	11	5	6	39,583	2
	85	87	61	16	16	- 5	11	4	12	45,000	4
	86	90	61	12	10	- 1	10	8	4	51,250	1
	87	91	60	15	14	0	13	3	12	48,542	6
	88	91	58	16	15	- 2	14	5	11	48,827	4
Prince Wm Sound	82	24	22	4	4	+ 1	0	1	3	***	1
	83	24	23	4	4	+ 1	3	0	4	17,000	4
	84	24	22	5	5	0	7	1	4	24,000	4
	85	24	23	4	3	+ 1	9	1	3	***	2
	86	24	22	5	5	0	11	1	4	30,500	1
	87	24	22	1	1	0	10	1	0	---	0
	88	24	22	2	2	0	11	0	2	***	1
Kodiak	84	8	8	1	1	0	0	0	1	***	1
	85	54	53	12	11	0	3	2	10	15,600	4
	86	57	57	12	12	+ 1	11	2	10	16,600	4
	87	59	59	9	8	0	14	3	6	15,250	3
	88	64	64	21	20	0	16	3	18	16,511	3
Herring Pound											
Prince Wm Sound	88	128	97	36	34	+ 4	3	4	32	24,519	7

* Please read "Notes for Table" at end of table.

TABLE 1 -- PERMIT AND PERMIT TRANSFER STATISTICS, 1975-1988 *

		Actual Transfer Information						Transfer Survey Information			
Fishery and Area	Year	Total Permanent Permits	Permanent Permits Held by Alaskans	Total Number of Transfers	Number of Permits Involved in Transfers	Change in Residency Due to Transfers	Permits with State Liens	Number of Non-mon. Transfers	Number of Monetary Transfers	Average Price Paid for Permits	Number of Financed Monetary Transfers
Salmon Purse Seine Southeastern	75	398	198	51	51	- 4	0	8	15	10,633	12
	76	409	202	24	21	- 3	0	1	9	9,222	5
	77	411	196	53	50	- 6	0	6	21	16,667	14
	78	413	193	56	50	- 8	0	5	16	30,929	13
	79	413	189	38	36	- 2	1	3	12	39,917	10
	80	414	193	35	34	+ 3	13	12	15	39,600	9
	81	414	194	35	34	0	16	12	23	40,652	12
	82	414	186	31	31	- 6	23	10	21	40,286	11
	83	416	188	34	32	- 1	26	14	20	38,531	10
	84	417	186	55	52	- 1	32	17	38	40,884	18
	85	416	182	36	33	- 6	38	9	27	37,907	12
	86	416	185	26	23	+ 2	38	8	18	34,403	3
	87	416	183	36	33	+ 3	43	6	30	40,832	10
	88	416	182	30	29	- 3	45	12	18	65,833	5
Prince Wm Sound	75	210	164	19	17	+ 2	0	0	7	8,000	5
	76	247	194	42	36	- 5	0	5	11	10,700	6
	77	255	198	28	24	- 3	0	1	6	29,800	5
	78	257	193	36	32	- 5	0	3	10	24,272	4
	79	258	192	47	41	- 3	5	3	13	33,846	5
	80	258	197	29	28	+ 1	15	12	14	40,154	6
	81	259	190	34	34	- 5	33	18	16	69,531	10
	82	259	188	26	26	+ 1	41	12	14	101,690	13
	83	259	187	29	28	- 1	53	12	17	142,384	14
	84	261	188	23	22	- 2	62	12	11	131,695	9
	85	261	191	27	25	+ 7	68	10	17	104,206	8
	86	262	190	26	24	+ 1	71	13	13	99,400	9
	87	262	191	36	35	+ 1	72	15	21	90,000	16
	88	263	184	32	30	- 3	71	13	19	135,158	7
Cook Inlet	75	49	49	3	2	0	0	0	0	---	0
	76	63	62	7	6	- 1	0	1	2	***	2
	77	72	72	12	11	0	0	2	4	10,625	2
	78	74	74	10	9	0	0	2	5	40,000	4
	79	75	74	9	8	0	1	2	1	***	1
	80	75	73	12	12	- 1	5	4	7	82,786	3
	81	75	73	10	9	0	11	3	7	83,714	5
	82	77	76	11	11	0	15	6	5	84,267	5
	83	78	78	15	14	+ 1	22	7	8	90,000	7
	84	78	77	10	8	- 1	23	9	1	***	1
	85	80	79	5	5	0	25	1	4	58,375	3
	86	82	81	9	9	0	26	4	5	60,000	4
	87	82	81	16	15	0	28	5	11	60,455	6
	88	82	81	14	14	0	32	5	9	66,089	6

* Please read "Notes for Table" at end of table.

TABLE 1 -- PERMIT AND PERMIT TRAN...ER STATISTICS, 1975-1988 *

		Actual Transfer Information						Transfer Survey Information			
Fishery and Area	Year	Total Permanent Permits	Permanent Permits Held by Alaskans	Total Number of Transfers	Number of Permits Involved in Transfers	Change in Residency Due to Transfers	Permits with State Liens	Number of Non-mon. Transfers	Number of Monetary Transfers	Average Price Paid for Permits	Number of Financed Monetary Transfers
Salmon Purse Seine											
Kodiak	75	334	242	22	22	+ 4	0	4	7	4,571	5
	76	358	262	42	40	- 1	0	6	13	9,736	5
	77	365	270	72	62	+ 3	0	13	19	17,611	7
	78	371	273	60	52	+ 3	0	11	9	47,611	9
	79	374	272	57	41	- 2	3	5	12	66,045	6
	80	375	275	35	34	+ 4	23	5	24	70,688	15
	81	375	280	37	36	+ 7	45	16	20	68,625	15
	82	376	284	43	42	+ 4	58	14	29	75,511	28
	83	377	289	47	47	+ 4	69	19	28	69,903	20
	84	378	286	29	29	- 2	80	12	17	61,265	7
	85	379	288	43	39	0	89	20	23	46,337	9
	86	380	293	52	46	+ 5	95	25	27	36,151	12
	87	381	293	61	53	+ 2	103	23	38	44,128	13
	88	382	288	55	50	- 5	114	19	34	66,491	15
Chignik	75	85	64	4	4	0	0	1	1	***	1
	76	90	72	4	4	0	0	2	0	---	0
	77	90	73	6	5	+ 1	0	2	1	***	1
	78	90	76	3	3	0	0	1	0	---	0
	79	90	76	1	1	+ 1	0	0	0	---	0
	80	90	76	1	1	0	2	1	0	---	0
	81	90	74	5	4	- 1	5	2	3	***	3
	82	90	74	7	6	0	5	5	2	***	1
	83	90	74	4	4	0	9	2	2	***	1
	84	90	76	9	8	+ 1	13	5	4	322,500	3
	85	90	78	6	6	+ 1	15	3	3	***	2
	86	90	78	5	5	+ 1	16	3	2	***	1
	87	90	77	0	0	0	17	0	0	---	0
	88	90	75	4	3	- 1	19	3	1	***	1
Alaska Peninsula	75	108	95	3	3	0	0	0	0	---	0
	76	112	99	6	5	0	0	3	0	---	0
	77	113	100	15	13	0	0	4	1	***	0
	78	115	104	12	12	+ 1	0	2	3	***	2
	79	117	102	13	12	- 3	0	3	5	66,000	1
	80	117	97	19	17	- 3	3	14	2	***	1
	81	117	98	9	9	+ 1	7	7	2	***	2
	82	118	99	5	5	0	6	3	2	***	0
	83	118	98	22	19	- 2	7	16	6	195,000	5
	84	118	98	8	8	+ 1	11	5	3	***	3
	85	119	100	3	3	0	15	3	0	---	0
	86	119	99	10	10	- 1	17	6	4	251,250	2
	87	119	96	10	10	- 2	18	6	4	145,000	2
	88	119	93	13	13	- 2	18	9	4	149,625	0

* Please read "Notes for Table" at end of table.

TABLE 1 -- PERMIT AND PERMIT TRAN. ER STATISTICS, 1975-1988 *

Fishery and Area	Year	Actual Transfer Information: Total Permanent Permits	Permanent Permits Held by Alaskans	Total Number of Transfers	Number of Permits Involved in Transfers	Change in Residency Due to Transfers	Permits with State Liens	Transfer Survey Information: Number of Non-mon. Transfers	Number of Monetary Transfers	Average Price Paid for Permits	Number of Financed Monetary Transfers
Salmon Beach Seine											
Kodiak	75	21	20	0	0	0	0	0	0	---	0
	76	23	22	2	2	0	0	0	0	---	0
	77	30	27	10	8	- 1	0	1	3	***	2
	78	33	30	16	14	0	0	4	3	***	1
	79	33	30	7	7	- 1	0	1	4	36,500	3
	80	34	31	9	9	- 1	0	1	4	42,625	2
	81	34	32	10	8	0	4	3	7	42,429	5
	82	34	32	4	4	0	3	2	2	***	2
	83	35	32	5	5	0	6	2	3	***	3
	84	35	32	3	3	0	7	1	2	***	1
	85	34	30	6	5	- 1	7	2	4	23,750	1
	86	34	30	3	3	0	6	1	2	***	0
	87	33	31	7	7	0	7	2	5	25,000	3
	88	33	30	8	8	- 1	5	3	5	28,400	0
Salmon Drift Gill Net											
Southeastern	75	431	293	94	89	+ 6	0	9	28	9,211	21
	76	449	313	59	48	+ 4	0	6	12	10,213	7
	77	460	323	71	68	+ 6	0	11	25	16,262	17
	78	463	329	81	67	+ 5	0	11	26	34,604	18
	79	464	324	72	60	- 6	10	8	19	41,763	14
	80	464	322	59	56	- 1	35	22	35	41,714	21
	81	464	319	66	61	- 1	56	25	40	43,920	30
	82	466	315	74	66	-10	68	33	41	38,495	30
	83	467	322	50	45	0	83	13	37	34,508	23
	84	467	316	64	60	- 9	85	21	43	32,898	14
	85	468	320	61	59	+ 1	92	18	43	35,623	21
	86	468	326	71	65	+ 1	108	26	45	44,849	22
	87	468	327	52	48	- 2	108	18	34	55,632	16
	88	468	316	50	41	-10	109	20	30	75,958	12
Prince Wm Sound	75	494	366	36	33	+ 1	0	4	9	3,089	6
	76	514	390	70	64	+ 3	0	10	18	4,500	15
	77	524	393	83	71	- 2	0	8	30	13,750	20
	78	528	384	84	69	- 4	0	8	25	27,742	19
	79	531	384	68	62	+ 1	4	11	22	35,632	13
	80	531	392	54	51	+ 4	16	19	26	27,288	17
	81	531	398	74	73	+ 8	56	20	54	32,204	30
	82	531	384	78	72	-10	73	27	51	46,461	32
	83	533	396	54	53	+ 1	102	17	37	61,450	24
	84	534	393	57	52	- 6	126	22	35	53,157	18
	85	534	386	70	66	- 5	136	17	53	55,679	25
	86	536	384	57	53	- 2	144	11	46	62,006	23
	87	536	386	57	55	+ 5	153	12	45	62,147	21
	88	536	386	68	60	+11	168	17	50	75,802	17

* Please read "Notes for Table" at end of table.

TABLE 1 -- PERMIT AND PERMIT TRANSFER STATISTICS, 1975-1988 *

		Actual Transfer Information						Transfer Survey Information			
Fishery and Area	Year	Total Permanent Permits	Permanent Permits Held by Alaskans	Total Number of Transfers	Number of Permits Involved in Transfers	Change in Residency Due to Transfers	Permits with State Liens	Number of Non-mon. Transfers	Number of Monetary Transfers	Average Price Paid for Permits	Number of Financed Monetary Transfers
Salmon Drift Gill Net											
Cook Inlet	75	453	291	30	30	+ 3	0	3	10	3,911	3
	76	514	342	76	73	+ 2	0	9	29	5,552	12
	77	539	359	87	79	- 4	0	13	28	9,643	14
	78	549	365	87	82	0	0	20	21	36,825	15
	79	554	371	86	75	+ 3	6	13	24	82,636	18
	80	554	373	76	72	+ 2	41	36	34	67,290	28
	81	554	375	76	73	- 1	81	27	48	67,213	39
	82	554	382	64	61	+ 4	96	27	37	57,866	27
	83	555	390	72	69	+ 4	122	21	51	69,720	39
	84	556	399	48	48	+ 2	137	13	35	66,306	20
	85	557	394	62	58	- 1	155	23	39	62,759	22
	86	559	394	71	68	0	164	21	50	63,902	27
	87	560	399	44	42	+ 4	167	18	26	86,542	11
	88	561	403	35	33	+ 3	177	6	28	126,138	11
Alaska Peninsula	75	152	109	4	4	0	0	1	0	---	0
	76	153	110	17	17	0	0	1	4	6,333	1
	77	154	108	31	26	- 1	0	7	7	10,286	5
	78	156	109	27	25	- 5	0	6	5	15,000	3
	79	156	107	32	26	- 1	0	7	4	60,625	3
	80	156	103	28	25	- 4	12	16	8	95,875	5
	81	156	101	23	23	- 3	15	13	10	123,500	7
	82	156	98	25	24	- 2	19	12	13	119,000	8
	83	156	96	26	23	- 1	18	17	9	145,778	5
	84	156	96	15	15	- 1	23	8	7	186,429	5
	85	156	92	24	22	- 3	32	9	15	159,153	11
	86	157	95	22	22	+ 2	38	9	13	197,000	7
	87	158	94	9	9	0	40	2	7	215,429	4
	88	158	91	7	7	- 3	39	5	2	***	1
Bristol Bay	75	1,416	767	81	80	+ 9	0	16	19	1,166	9
	76	1,622	918	126	124	0	0	34	30	2,536	10
	77	1,663	947	213	196	-11	0	47	63	6,180	40
	78	1,700	973	235	211	-12	0	49	78	21,638	52
	79	1,717	971	225	197	-14	8	44	51	64,588	37
	80	1,717	967	169	162	0	86	68	79	89,032	59
	81	1,720	964	168	161	- 3	140	77	89	82,107	59
	82	1,724	960	183	179	-13	187	70	113	94,344	77
	83	1,727	989	160	155	+15	280	63	97	99,072	78
	84	1,729	969	153	146	-17	352	65	88	117,036	52
	85	1,738	976	138	130	0	386	49	89	114,647	41
	86	1,743	978	155	144	+ 1	408	57	97	121,120	54
	87	1,746	967	129	125	-10	416	51	78	130,265	40
	88	1,749	954	126	121	-12	433	46	77	167,461	32

* Please read "Notes for Table" at end of table.

TABLE 1 -- PERMIT AND PERMIT TRANSFER STATISTICS, 1975-1988 *

		Actual Transfer Information						Transfer Survey Information			
Fishery and Area	Year	Total Permanent Permits	Permanent Permits Held by Alaskans	Total Number of Transfers	Number of Permits Involved in Transfers	Change in Residency Due to Transfers	Permits with State Liens	Number of Non-mon. Transfers	Number of Monetary Transfers	Average Price Paid for Permits	Number of Financed Monetary Transfers
Salmon Set Net											
Yakutat	75	147	131	9	8	+ 2	0	1	3	***	2
	76	156	140	15	15	+ 1	0	8	4	6,000	2
	77	158	141	16	15	- 1	0	2	5	7,000	1
	78	161	142	22	20	- 1	0	4	5	10,480	2
	79	164	143	13	12	- 3	0	3	3	***	1
	80	164	146	16	15	0	2	9	2	***	1
	81	164	146	23	20	0	5	11	11	26,682	6
	82	164	144	15	14	- 1	10	7	8	32,792	5
	83	164	144	18	17	- 1	11	14	4	27,250	2
	84	164	145	13	13	+ 1	10	9	4	23,750	2
	85	164	145	18	17	+ 1	14	9	9	25,862	7
	86	164	142	17	16	0	15	10	7	26,857	2
	87	164	139	17	16	- 2	14	12	5	27,200	0
	88	164	135	27	27	- 3	17	10	17	28,279	7
Prince Wm Sound	75	26	21	2	2	+ 2	0	0	0	---	0
	76	28	23	0	0	0	0	0	0	---	0
	77	28	21	2	2	- 1	0	0	0	---	0
	78	28	23	5	4	+ 1	0	0	2	***	1
	79	28	23	2	2	0	0	0	1	***	1
	80	28	24	3	3	+ 1	0	3	0	---	0
	81	29	24	2	2	0	1	0	2	***	1
	82	30	27	5	5	+ 2	2	0	5	19,400	5
	83	30	28	9	8	+ 1	2	3	6	24,167	5
	84	30	28	6	6	0	3	2	4	31,250	1
	85	30	28	5	5	0	6	1	4	32,375	2
	86	30	28	1	1	0	7	0	1	***	1
	87	30	27	6	5	- 1	7	2	4	29,625	0
	88	30	27	6	6	+ 1	6	4	2	***	1
Cook Inlet	75	652	608	47	46	0	0	7	9	2,250	6
	76	712	670	77	74	+ 9	0	14	14	1,778	7
	77	731	690	93	90	+ 3	0	12	29	4,821	15
	78	742	698	129	120	+ 1	0	23	46	9,824	15
	79	744	702	99	92	- 6	0	24	20	23,412	9
	80	744	697	89	87	+ 2	5	42	42	15,333	25
	81	744	685	110	103	- 7	19	50	59	15,322	31
	82	744	693	90	86	- 2	29	48	42	17,190	21
	83	743	683	103	101	-11	35	52	51	18,340	19
	84	743	670	89	86	-11	42	44	45	17,078	15
	85	744	670	92	90	- 7	45	41	51	16,312	10
	86	743	665	102	97	- 2	47	42	60	18,310	10
	87	743	660	101	98	- 3	49	33	68	26,727	14
	88	743	661	79	77	0	51	33	46	41,151	4

* Please read "Notes for Table" at end of table.

TABLE 1 -- PERMIT AND PERMIT TRANSFER STATISTICS, 1975-1988 *

		Actual Transfer Information						Transfer Survey Information			
Fishery and Area	Year	Total Permanent Permits	Permanent Permits Held by Alaskans	Total Number of Transfers	Number of Permits Involved in Transfers	Change in Residency Due to Transfers	Permits with State Liens	Number of Non-mon. Transfers	Number of Monetary Transfers	Average Price Paid for Permits	Number of Financed Monetary Transfers
Salmon Set Net											
Kodiak	75	139	103	22	22	+ 8	0	7	7	5,380	5
	76	176	133	37	34	- 2	0	4	10	3,900	2
	77	181	137	28	26	+ 1	0	5	7	6,600	4
	78	184	139	28	25	+ 2	0	9	6	19,800	4
	79	185	138	32	27	0	1	4	10	33,667	6
	80	186	138	34	33	+ 1	6	16	9	39,861	5
	81	186	141	25	25	+ 1	18	15	9	41,278	7
	82	186	138	28	28	- 3	21	16	12	39,817	7
	83	186	139	19	18	+ 1	23	13	6	57,033	5
	84	187	141	24	23	+ 1	30	13	11	57,200	5
	85	187	147	22	22	+ 3	34	15	7	56,357	3
	86	187	150	38	36	+ 3	32	19	19	61,792	8
	87	187	152	25	25	+ 3	29	17	8	60,122	3
	88	187	150	15	14	+ 1	31	12	3	***	1
Alaska Peninsula	75	82	76	4	3	0	0	2	0	---	0
	76	105	98	5	5	0	0	2	3	***	1
	77	106	95	15	14	- 1	0	1	4	5,150	1
	78	108	99	14	13	0	0	3	2	***	0
	79	108	99	12	11	0	0	2	0	---	0
	80	109	98	17	14	- 2	0	7	5	14,500	3
	81	109	98	21	21	0	2	12	9	54,278	7
	82	109	96	19	19	- 1	4	8	11	54,636	6
	83	109	96	24	24	0	5	13	11	50,836	3
	84	109	95	18	18	- 1	6	9	9	45,332	2
	85	110	94	14	14	- 2	10	7	7	47,500	2
	86	113	92	11	10	- 4	12	4	7	56,357	4
	87	113	90	23	22	- 2	15	14	9	55,722	5
	88	113	94	13	12	+ 2	19	8	3	***	2
Bristol Bay	75	716	592	22	22	+ 2	0	9	0	---	0
	76	759	621	68	65	- 3	0	23	11	2,755	6
	77	824	669	76	74	- 6	0	21	19	2,695	4
	78	891	733	133	125	+ 4	0	39	27	8,507	9
	79	910	745	133	125	- 6	1	32	38	18,184	16
	80	913	728	113	111	-11	11	49	49	30,689	20
	81	914	714	112	106	-17	31	55	56	32,370	27
	82	916	705	118	115	-12	48	48	70	37,357	42
	83	929	711	97	94	- 4	66	48	49	41,680	27
	84	931	713	90	87	- 8	64	43	47	40,766	22
	85	931	715	98	96	0	76	50	48	35,974	22
	86	940	720	97	92	+ 5	87	36	61	33,300	18
	87	942	722	108	101	+ 1	90	44	64	34,453	20
	88	941	716	97	93	- 2	97	48	47	46,508	16

* Please read "Notes for Table" at end of table.

TABLE 1 -- PERMIT AND PERMIT TRANSFER STATISTICS, 1975-1988 *

		Actual Transfer Information						Transfer Survey Information			
Fishery and Area	Year	Total Permanent Permits	Permanent Permits Held by Alaskans	Total Number of Transfers	Number of Permits Involved in Transfers	Change in Residency Due to Transfers	Permits with State Liens	Number of Non-mon. Transfers	Number of Monetary Transfers	Average Price Paid for Permits	Number of Financed Monetary Transfers
Salmon Power Troll Southeastern	75	849	619	137	130	+23	0	11	52	5,303	27
	76	915	677	78	76	+ 2	0	14	29	5,065	18
	77	929	698	159	147	+15	0	11	64	8,831	25
	78	934	717	143	127	+13	0	13	78	15,457	39
	79	939	719	126	108	- 3	25	13	61	26,680	39
	80	939	704	97	94	-11	73	14	72	33,308	41
	81	939	713	95	92	+ 7	123	23	68	29,012	47
	82	940	718	86	83	- 3	150	15	71	21,630	44
	83	939	724	95	94	0	164	22	73	20,864	40
	84	940	722	83	81	-10	185	12	71	19,456	34
	85	942	731	83	82	+ 1	209	10	73	21,509	40
	86	942	731	88	85	+ 2	229	16	72	24,776	38
	87	942	750	75	72	+15	239	10	65	26,431	28
	88	942	757	83	80	+13	269	15	68	29,782	37
Salmon Hand Troll Southeastern	82	696	660	56	53	- 2	0	24	32	4,036	4
	83	2,121	1,973	100	98	- 5	7	16	84	4,964	16
	84	2,120	1,954	75	73	-11	11	7	68	4,732	11
	85	1,984	1,837	110	105	- 9	16	21	89	5,109	7
	86	1,957	1,805	124	120	- 4	17	16	108	5,252	5
	87	1,919	1,759	109	106	- 7	16	16	93	5,551	8
	88	1,861	1,692	122	121	-10	22	25	97	6,446	7
Salmon Fishwheel Upper Yukon	76	80	80	2	2	0	0	0	0	---	0
	77	107	107	2	2	0	0	0	0	---	0
	78	108	107	11	10	0	0	0	0	---	0
	79	114	114	6	6	0	0	1	3	***	1
	80	114	114	9	9	0	0	4	5	9,320	2
	81	123	123	16	16	0	0	2	14	10,893	3
	82	130	130	12	12	0	0	4	8	10,500	2
	83	130	129	19	19	- 1	2	12	7	11,643	4
	84	130	129	10	10	0	4	4	6	12,333	0
	85	132	132	9	8	+ 1	4	6	3	***	0
	86	133	132	8	8	0	4	6	2	***	0
	87	133	133	13	13	+ 1	2	4	9	9,089	0
	88	133	133	12	11	0	2	7	5	8,700	0

* Please read "Notes for Table" at end of table.

TABLE 1 -- PERMIT AND PERMIT TRANSFER STATISTICS, 1975-1988 *

Fishery and Area	Year	Actual Transfer Information: Total Permanent Permits	Permanent Permits Held by Alaskans	Total Number of Transfers	Number of Permits Involved in Transfers	Change in Residency Due to Transfers	Permits with State Liens	Transfer Survey Information: Number of Non-mon. Transfers	Number of Monetary Transfers	Average Price Paid for Permits	Number of Financed Monetary Transfers
AYK Salmon Gill Net											
Upper Yukon	76	35	35	1	1	0	0	0	0	---	0
	77	44	44	1	1	0	0	0	1	***	0
	78	47	46	2	2	0	0	0	0	---	0
	79	49	48	5	5	0	0	1	2	***	1
	80	48	47	6	5	0	0	6	0	---	0
	81	64	64	8	8	0	0	5	3	***	0
	82	72	71	9	8	0	0	3	6	8,367	0
	83	72	70	10	9	- 1	0	5	5	10,600	0
	84	70	69	4	4	0	0	3	1	***	1
	85	70	69	2	2	0	0	0	2	***	0
	86	70	69	6	6	0	0	3	3	***	0
	87	71	70	7	7	0	0	5	2	***	1
	88	70	68	5	5	0	0	2	3	***	0
Kuskokwim	76	688	688	8	8	0	0	3	0	---	0
	77	761	761	18	18	0	0	11	0	---	0
	78	766	765	50	47	0	0	26	6	6,100	2
	79	781	780	39	37	+ 1	1	17	10	6,420	4
	80	782	782	59	56	0	3	33	16	6,875	5
	81	785	784	49	47	- 1	3	34	14	8,339	3
	82	831	829	44	44	- 1	3	36	8	9,563	3
	83	831	828	64	63	0	3	55	9	10,222	2
	84	831	829	52	52	0	8	37	15	9,893	7
	85	831	829	45	43	0	12	39	6	10,083	1
	86	829	828	43	42	+ 1	15	28	15	10,133	4
	87	829	828	42	40	0	14	34	8	9,563	0
	88	828	826	45	43	- 1	18	26	18	9,669	4
Kotzebue	76	118	118	4	4	0	0	2	0	---	0
	77	175	175	2	2	0	0	0	0	---	0
	78	177	177	17	17	0	0	5	1	***	1
	79	180	180	18	18	0	0	3	8	5,200	2
	80	194	193	12	11	0	0	8	3	***	1
	81	211	208	18	18	- 1	0	10	8	7,813	0
	82	219	216	25	23	- 1	2	14	11	9,591	3
	83	219	216	17	17	- 1	4	5	12	13,083	4
	84	219	216	20	19	0	4	18	2	***	1
	85	219	215	13	13	0	10	10	3	***	1
	86	219	214	17	17	- 1	14	11	6	10,819	1
	87	219	212	15	15	0	16	11	4	9,500	1
	88	219	214	33	30	+ 2	14	21	11	7,505	0

* Please read "Notes for Table" at end of table.

TABLE 1 -- PERMIT AND PERMIT TRANSFER STATISTICS, 1975-1988 *

Fishery and Area	Year	Actual Transfer Information: Total Permanent Permits	Permanent Permits Held by Alaskans	Total Number of Transfers	Number of Permits Involved in Transfers	Change in Residency Due to Transfers	Permits with State Liens	Transfer Survey Information: Number of Non-mon. Transfers	Number of Monetary Transfers	Average Price Paid for Permits	Number of Financed Monetary Transfers
AYK Salmon Gill Net											
Lower Yukon	76	678	677	6	5	0	0	4	0	---	0
	77	692	691	9	9	0	0	3	2	***	0
	78	695	691	26	25	- 1	0	14	5	6,700	3
	79	702	698	28	27	0	0	12	8	5,834	1
	80	703	700	45	44	0	1	29	9	9,289	2
	81	706	703	36	35	0	1	24	11	9,545	3
	82	707	703	40	38	0	1	28	12	18,250	5
	83	703	698	74	71	- 1	3	48	26	22,346	5
	84	704	699	41	41	0	9	24	17	28,441	8
	85	704	700	38	35	0	10	26	12	22,917	1
	86	703	696	36	36	- 1	15	25	11	22,455	3
	87	703	698	50	49	+ 2	15	38	12	20,688	2
	88	704	697	37	35	0	19	23	13	20,669	3
Norton Sound	76	169	169	0	0	0	0	0	0	---	0
	77	176	174	2	2	- 1	0	0	0	---	0
	78	176	176	8	8	0	0	1	4	4,350	3
	79	177	175	11	11	- 2	1	2	5	6,300	1
	80	177	175	18	18	0	2	6	11	7,909	3
	81	195	194	17	16	0	3	7	10	9,450	4
	82	200	199	20	19	0	4	10	10	10,100	2
	83	201	199	22	20	- 1	7	15	7	11,429	2
	84	201	199	17	16	0	12	12	5	13,150	3
	85	202	200	13	13	0	12	7	6	12,167	2
	86	201	198	22	20	- 1	13	16	6	10,167	3
	87	201	199	15	15	0	13	11	4	9,750	1
	88	201	199	11	10	0	11	7	3	***	0
Totals											
	75	6,762	4,808	590	568	+58	0	83	167	5,694	102
	76	9,173	7,115	776	729	+ 6	0	152	199	5,455	99
	77	9,772	7,639	1,108	1,019	-10	0	181	341	10,013	178
	78	9,975	7,801	1,314	1,185	- 9	0	260	385	20,541	220
	79	10,104	7,868	1,209	1,071	-45	69	216	342	38,491	195
	80	10,132	7,856	1,060	1,017	-16	367	441	480	45,346	282
	81	10,204	7,905	1,092	1,047	-16	698	475	602	44,288	361
	82	11,030	8,652	1,144	1,100	-56	903	490	654	48,115	398
	83	12,488	10,026	1,211	1,169	- 9	1,168	536	675	48,573	371
	84	12,531	10,005	1,053	1,016	-72	1,394	444	609	49,800	279
	85	12,507	9,987	1,111	1,060	-23	1,583	421	690	46,879	272
	86	12,509	9,963	1,191	1,129	+ 7	1,722	440	750	48,986	282
	87	12,486	9,925	1,120	1,069	+ 5	1,785	422	698	50,769	242
	88	12,583	9,924	1,125	1,066	-21	1,920	415	695	61,858	210

* Please read "Notes for Table" at end of table.

TABLE 1 -- PERMIT AND PERMIT TRAN. .R STATISTICS, 1975-1988 *

Notes for Table:

Total Permanent Permits -- The number of permanent permits may decrease from one year to the next because of revocations.

Permanent Permits Held by Alaskans -- Residency figures were calculated using the permit holder address from 1975-1978. After 1978 permit holders were required to declare their residency status on the renewal form and residency figures were taken from those declarations. These numbers may differ somewhat from those reported in "Changes in the Distribution of Permit Ownership in Alaska's Limited Fisheries" published by CFEC. In that report all persons who declared Alaska residency status but had out-of-state addresses are counted as non-residents. Numbers shown in this annual report may differ from those in previous annual reports due to residency status changes resulting from residency investigations. Permits held by the Dept. of Commerce or C.F.A.B. are counted as resident permits.

Total Number of Transfers -- Transfers reported here include forclosures by the Dept. of Commerce or by C.F.A.B.

Change in Residency Due to Transfers -- These figures may differ from figures reported in previous annual reports due to residency status changes resulting from residency investigations.

Permits with State Liens -- These are permits which have been financed by the Dept. of Commerce or by CFAB or which have been used as collateral against a commercial fishing loan from one of these agencies.

Transfer Survey Information -- These surveys were voluntary until January 1, 1980. Many transfers occurred without completion of a survey form during the years 1975-1979. A few surveys are missing for 1980 and 1981.

Non-monetary/Monetary Transfers -- For the years 1980-1985 any transfer survey with a sale price greater than $500 was counted as a monetary transfer. All other transfers were counted as non-monetary transfers. For the years 1975-1979 the number of monetary transfers reported here is the number of transfer surveys which were used to compute the average price of permits for use by the Dept. of Commerce and CFAB in their loan programs. These surveys were selected using exclusionary criteria different from the $500 minimum.

Average Price Paid for Permits -- These figures are the average of the sale price taken from all surveys counted as monetary transfers. For the years 1980-1985 they may vary slightly from the average prices used by the Dept. of Commerce and CFAB which are based on exclusionary criteria different from the $500 minimum used in this report. A "---" indicates that there were no monetary transfers for this fishery. A "***" indicates confidential information because fewer than four surveys exist.

TABLE 2 -- LOANS APPROVED BY THE DEPT. OF COMMERCE AND ECONOMIC DEVELOPMENT FOR THE PURCHASE OF ENTRY PERMITS

BY ELECTION DISTRICT, 1988

House Election District	-- Permit Only -- No.	-- Permit Only -- Amount	Permit --Vessel/Gear-- No.	Permit --Vessel/Gear-- Amount	------ Total ------- No.	------ Total ------- Amount
01 Ketchikan-Wrangell-Petersburg	15	$1,468,131	1	$62,250	16	$1,530,381
02 Inside Passage	12	$425,867	0	$0	12	$425,867
03 Baranof-Chichagof	16	$552,646	0	$0	16	$552,646
04 Juneau	9	$379,979	1	$38,000	10	$417,979
05 Kenai-Cook Inlet	36	$3,376,165	3	$293,999	39	$3,670,164
06 Prince William Sound	10	$635,160	3	$280,172	13	$915,332
07-15 Anchorage	8	$728,560	1	$100,000	9	$828,560
16 Matanuska-Susitna	3	$185,375	0	$0	3	$185,375
17 Interior Highways	1	$114,750	0	$0	1	$114,750
18-21 Fairbanks	3	$206,566	0	$0	3	$206,566
22 North Slope-Kotzebue	1	$36,450	0	$0	1	$36,450
23 Norton Sound	1	$12,100	0	$0	1	$12,100
25 Lower Kuskokwim	1	$9,333	1	$100,000	2	$109,333
26 Bristol Bay-Aleut Isles	5	$295,300	0	$0	5	$295,300
27 Kodiak-E Alaska Pen	12	$1,027,768	1	$85,000	13	$1,112,768
	133	$9,454,150	11	$959,421	144	$10,413,571

BY CALENDAR YEAR 1972-1988

Calendar Year	-- Permit Only -- No.	-- Permit Only -- Amount	Permit --Vessel/Gear-- No.	Permit --Vessel/Gear-- Amount	------ Total ------- No.	------ Total ------- Amount
1988	133	9,454,150	11	959,421	144	10,413,571
1987	123	7,680,632	6	489,710	129	8,170,342
1986	161	10,153,268	10	702,337	171	10,855,605
1985	159	9,682,703	22	1,509,168	181	11,191,871
1984	155	9,366,311	7	471,050	162	9,837,361
1983	147	7,697,720	7	411,465	154	8,109,185
1982	194	9,300,897	2	134,473	196	9,435,370
1981	223	10,222,651	13	946,591	236	11,169,242
1980	93	4,145,533	26	1,939,951	119	6,085,484
1972-79	82	3,083,775	63	4,706,533	145	7,790,308
Total, 1972-1988	1,470	80,787,640	167	12,270,699	1,637	93,058,339

TABLE 2 (cont.) -- LOANS MADE BY THE DEPT. OF COMMERCE AND ECONOMIC DEVELOPMENT FOR THE PURCHASE OF ENTRY PERMITS

BY ELECTION DISTRICT FROM 7-1-82 TO 12-31-88 *

House Election District	-- Permit Only -- No.	-- Permit Only -- Amount	--Permit Vessel/Gear-- No.	--Permit Vessel/Gear-- Amount	------ Total ------- No.	------ Total ------- Amount
01 Ketchikan-Wrangell-Petersburg	112	$6,060,373	6	$351,275	118	$6,411,648
02 Inside Passage	94	$3,638,066	15	$998,498	109	$4,636,564
03 Baranof-Chichagof	69	$1,727,006	6	$229,979	75	$1,956,985
04 Juneau	56	$2,877,580	4	$219,080	60	$3,096,660
05 Kenai-Cook Inlet	200	$14,817,970	12	$981,900	212	$15,799,870
06 Prince William Sound	81	$5,364,414	10	$802,699	91	$6,167,113
07-15 Anchorage	123	$8,558,780	2	$200,000	125	$8,758,780
16 Matanuska-Susitna	23	$1,825,489	1	$82,000	24	$1,907,489
17 Interior Highways	7	$474,783	0	$0	7	$474,783
18-21 Fairbanks	17	$798,696	1	$92,893	18	$891,589
22 North Slope-Kotzebue	5	$163,688	0	$0	5	$163,688
23 Norton Sound	4	$147,829	0	$0	4	$147,829
24 Interior Rivers	4	$159,264	0	$0	4	$159,264
25 Lower Kuskokwim	13	$777,837	1	$100,000	14	$877,837
26 Bristol Bay-Aleut Isles	49	$3,865,939	2	$183,000	51	$4,048,939
27 Kodiak-E Alaska Pen	91	$6,165,900	5	$436,300	96	$6,602,200
	948	$57,423,614	65	$4,677,624	1,013	$62,101,238

BY ELECTION DISTRICT FROM 1-1-72 TO 6-30-82 **

House Election District	-- Permit Only -- No.	-- Permit Only -- Amount	--Permit-Vessel-- No.	--Permit-Vessel-- Amount	------ Total ------- No.	------ Total ------- Amount
1 Ketchikan-Prince of Wales	35	1,095,228	8	456,350	43	1,551,578
2 Wrangell-Petersburg	40	1,455,646	12	1,081,983	52	2,537,629
3 Sitka	40	1,259,203	4	155,030	44	1,414,233
4 Juneau-Lynn Canal	59	2,219,870	23	1,414,937	82	3,634,807
5 Cordova-Valdez-Seward	34	1,474,816	9	628,750	43	2,103,566
6 Palmer	15	700,921	1	160,000	16	860,921
7-12 Anchorage	93	4,492,966	8	606,200	101	5,099,166
13 Kenai-Cook Inlet	96	5,175,152	19	1,400,725	115	6,575,877
14 Kodiak	51	2,712,120	6	609,900	57	3,322,020
15 Aleutian Chain	8	589,500	4	363,000	12	952,500
16 Bristol Bay	28	1,373,829	7	661,200	35	2,035,029
17-19 Bethel/Wade Hampton/Yukon-Tanana	10	454,177	0	0	10	454,177
20 Fairbanks	9	334,100	1	55,000	10	389,100
21 Barrow-Kobuk	1	5,625	0	0	1	5,625
22 Nome	3	20,873	0	0	3	20,873
Total	522	23,364,026	102	7,593,075	624	30,957,101

* Based on the 27 election districts created by the 1980 reapportionment effective 7-1-82.

** Based on the 22 election districts created by the 1970 reapportionment.