

**State of Alaska**  
**FY2003 Governor's Operating Budget**

**Department of Fish and Game**  
**Southeast Region Fisheries Management**  
**Component Budget Summary**

## **Component: Southeast Region Fisheries Management**

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### **Component Mission**

The mission of the Division of Commercial Fisheries is to manage, protect, rehabilitate, enhance, and develop fisheries and aquatic plant resources in the interest of the economy, consistent with the sustained yield principle and subject to allocations through public regulatory processes.

### **Component Services Provided**

The fishery resources of Southeast Alaska are diverse, widespread and abundant. The region extends from Cape Suckling to Dixon Entrance, encompasses about 62,000 sq miles and has 11,000 miles of shoreline. The region actively manages commercial, personal use and subsistence fisheries for 40 species of salmon, herring, shellfish, invertebrates and groundfish. There are approximately 8,400 commercial fishing permits and 3,100 personal use and subsistence permits issued each year. Commercial fishing accounts for about 40 percent of the private sector income in the region. The mission of the region is to ensure that the region's fishery resources are managed on a sustained yield basis and that Board of Fishery regulations, North Pacific Fishery Management Council regulations and Pacific Salmon Treaty obligations are achieved. To accomplish this requires that an active program of fishery research and management is carried out through the region's area offices located in Yakutat, Haines, Juneau, Petersburg, Wrangell, Sitka, Ketchikan and Craig and aboard the region's two large research vessels.

Fishery research in the region focuses on obtaining information about the distribution, abundance, productivity and ecological relationships of these 40 species needed to set annual harvest guidelines that will ensure sustainability. Because funding for research is severely limited, priorities are set for limited funds in consultation with stakeholders, Board of Fisheries, federal agencies and international cooperators. The types of programs undertaken include:

-For salmon stocks, enumerating the annual harvests by time, area, gear, age and stock; and counting the number (by aerial or foot surveys, by weirs or by mark-recapture programs) of fish in spawning escapements, and the age of those fish.

-For red king crab, estimating the annual abundance, size and age composition of the population by conducting pot surveys aboard the R/V Media.

-For herring, estimating the annual abundance, age, sex and size compositions of spawning stocks by conducting aerial surveys, spawning ground sampling and egg deposition surveys using divers, and forecasting annual abundance from observed spawning escapement and age and size composition data and estimates of recruitment, growth, maturation and natural mortality

-For sablefish, estimating the annual abundance, size and age composition of the population by conducting longline and pot surveys aboard chartered industry vessels.

-For sea urchins, geoduck clams and sea cucumbers, estimating the annual abundance by conducting line transect surveys using divers.

The region develops and implements sustainable fisheries policies and practices by:

-Developing biological management objectives (e.g. salmon escapement goals, minimum biomass thresholds and estimates of production surplus to future reproduction needs).

-Developing harvest management plans (e.g. target harvest rates, time area sex restrictions, size limits, gear specifications) needed to achieve biological management objectives of the target species and incidentally caught species.

-Promulgating, publishing and distributing daily fishing regulations describing where, when and how fishing is allowed that are timely, procedurally correct, prevent overfishing and implement or complement Board of Fisheries, Pacific Salmon

Treaty or North Pacific Fishery Management Council regulations.

The region establishes the annual allowable harvest based on annual estimates of the distribution, abundance and productivity of these living resources. Insufficient fiscal resources to carry out this mission requires level of detail priorities be set for obtaining the stock status information needed to set maximum sustainable harvest levels. When stock status information is not available, conservative annual catch limits are set based on historic harvest data.

Preseason planning and public participation in the management process occurs through local advisory committees, the Alaska Board of Fisheries, Pacific Salmon Commission, North Pacific Fishery Management Council, National Park Service, and the Federal Subsistence Board.

### **Component Goals and Strategies**

The goals and strategy for the southeast Region Fisheries Management component is to manage the commercial, subsistence and personal use fisheries in southeast Alaska and Yakutat in a manner that provides for sustained yield, public participation in the regulatory process and is consistent with state, federal, and international law.

In addition to the division's main mission, the Southeast Region Fisheries Management Component's goals are as follows:

- To determine the distribution, abundance and productivity of fishery resources in southeast Alaska and Yakutat in order to set allowable annual harvests.
- To manage the fisheries in-season so as to achieve, but not exceed, the annual harvest limits.
- To participate in the preseason management process of the Alaska Board of Fisheries, Pacific Salmon Commission, North Pacific Fishery Management Council, National Park Service and Federal Subsistence Board.

### **Key Component Issues for FY2002 – 2003**

Key issues in this component include insufficient fiscal resources to determine the distribution, abundance and productivity of Tanner crab, golden king crab, dungeness crab, all shrimp species, lingcod, rockfish, Pacific cod, and several salmon stocks. Determination of these factors is needed to set biologically based harvest limits.

There is a lack of fiscal resources to participate in federal management of subsistence fisheries. Existing staff have the additional burden of having to review federal management plans and proposals, in addition to their regular assigned work.

There is a lack of fiscal resources to try to understand the reason for collapse and to develop rebuilding plans for the following fisheries in the region: Yakutat dungeness crab, Yakutat Tanner crab, abalone, Chilkat fall chum salmon, and Chilkoot sockeye salmon.

### **Major Component Accomplishments in 2001**

The fishery resources of southeast Alaska are diverse and abundant. There are 2,993 rivers in the region that produce one or more of the five species of Pacific salmon that support commercial troll, purse seine, drift gill net, set gill net, personal use and subsistence fisheries; recent annual harvest has been approximately 60 million fish.

Fourteen stocks of Pacific herring support commercial frozen bait, sac-roe and spawn-on-kelp, fresh bait and subsistence fisheries that harvest about 20 million pounds per year.

Commercial and personal use fisheries harvest approximately 0.3 million lbs./yr. of red king crab, 0.3 million lbs./yr. of golden king crab, 2.0 million lbs./yr. of Tanner crab and 3 million lbs./yr. of dungeness crab. Trawl shrimp fisheries harvest about 3.5 million lbs/yr, and pot fisheries harvest about 0.8 million lbs/yr. Dive fisheries harvest about 4.0 million lbs./yr. of red sea urchins, 1.0 million lbs./yr. of sea cucumbers and 0.2 million lbs./yr. of geoduck clams.

Commercial longline, jig, and dinglebar groundfish fisheries harvest about 5.5 million lbs/yr of sablefish, 3.3 million lbs/yr of rockfish, 1.2 million lbs/yr of Pacific cod and 0.6 million lbs/yr of lingcod.

There are approximately 8,400 commercial fishing permits issued for the region and about 3,100 subsistence and personal use permits issued each year. Commercial fishing accounts for about 40 percent of the region's private sector income.

Within fiscal constraints, the division set annual harvest objectives based on annual distribution, abundance and productivity so as to achieve sustained yield of the region's commercial, subsistence and personal use fisheries.

The division managed the region's commercial, subsistence and personal use fisheries so as to achieve but not exceed annual harvest targets.

### **Statutory and Regulatory Authority**

AS 16 Fish and Game  
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**Southeast Region Fisheries Management**  
**Component Financial Summary**

All dollars in thousands

Non-Formula Program:	FY2001 Actuals	FY2002 Authorized	FY2003 Governor
<b>Component Expenditures:</b>			
71000 Personal Services	3,661.6	4,013.7	4,097.8
72000 Travel	177.8	139.5	139.5
73000 Contractual	959.2	853.1	853.1
74000 Supplies	385.3	386.1	386.1
75000 Equipment	175.4	40.0	40.0
76000 Land/Buildings	0.0	0.0	0.0
77000 Grants, Claims	0.0	0.0	0.0
78000 Miscellaneous	0.0	0.0	0.0
<b>Expenditure Totals</b>	<b>5,359.3</b>	<b>5,432.4</b>	<b>5,516.5</b>
<b>Funding Sources:</b>			
1002 Federal Receipts	460.5	533.9	542.4
1003 General Fund Match	371.8	377.7	381.8
1004 General Fund Receipts	3,893.9	3,874.4	3,941.2
1053 Investment Loss Trust Fund	40.1	0.0	0.0
1109 Test Fisheries Receipts	593.0	646.4	651.1
<b>Funding Totals</b>	<b>5,359.3</b>	<b>5,432.4</b>	<b>5,516.5</b>

**Estimated Revenue Collections**

Description	Master Revenue Account	FY2001 Actuals	FY2002 Authorized	FY2002 Cash Estimate	FY2003 Governor	FY2004 Forecast
<b>Unrestricted Revenues</b>						
None.		0.0	0.0	0.0	0.0	0.0
<b>Unrestricted Total</b>		<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Restricted Revenues</b>						
Federal Receipts	51010	460.5	533.9	533.9	542.4	542.4
Test Fisheries Receipts	51064	593.0	646.4	646.4	651.1	651.1
Investment Loss Trust Fund	51393	40.1	0.0	0.0	0.0	0.0
<b>Restricted Total</b>		<b>1,093.6</b>	<b>1,180.3</b>	<b>1,180.3</b>	<b>1,193.5</b>	<b>1,193.5</b>
<b>Total Estimated Revenues</b>		<b>1,093.6</b>	<b>1,180.3</b>	<b>1,180.3</b>	<b>1,193.5</b>	<b>1,193.5</b>

**Southeast Region Fisheries Management  
Proposed Changes in Levels of Service for FY2003**

There are no service changes anticipated in FY2003.

**Summary of Component Budget Changes  
From FY2002 Authorized to FY2003 Governor**

*All dollars in thousands*

	<u>General Funds</u>	<u>Federal Funds</u>	<u>Other Funds</u>	<u>Total Funds</u>
<b>FY2002 Authorized</b>	<b>4,252.1</b>	<b>533.9</b>	<b>646.4</b>	<b>5,432.4</b>
<b>Adjustments which will continue current level of service:</b>				
-Year 3 Labor Costs - Net Change from FY2002	70.9	8.5	4.7	84.1
<b>FY2003 Governor</b>	<b>4,323.0</b>	<b>542.4</b>	<b>651.1</b>	<b>5,516.5</b>

## Southeast Region Fisheries Management

### Personal Services Information

	Authorized Positions		Personal Services Costs	
	<u>FY2002</u> <u>Authorized</u>	<u>FY2003</u> <u>Governor</u>		
Full-time	50	53	Annual Salaries	2,906,591
Part-time	69	67	COLA	67,827
Nonpermanent	0	0	Premium Pay	155,103
			Annual Benefits	1,198,171
			<i>Less 5.31% Vacancy Factor</i>	(229,892)
			Lump Sum Premium Pay	0
<b>Totals</b>	<b>119</b>	<b>120</b>	<b>Total Personal Services</b>	<b>4,097,800</b>

### Position Classification Summary

Job Class Title	Anchorage	Fairbanks	Juneau	Others	Total
Accounting Clerk II	0	0	2	0	2
Accounting Tech I	0	0	1	0	1
Administrative Clerk II	0	0	0	3	3
Administrative Clerk III	0	0	0	3	3
Administrative Manager I	0	0	1	0	1
Administrative Supervisor	0	0	0	2	2
Aircraft Pilot I	0	0	1	0	1
Analyst/Programmer IV	0	0	1	0	1
Biometrician II	0	0	2	0	2
Boat Officer I	0	0	1	0	1
Boat Officer II	0	0	1	0	1
Boat Officer III	0	0	1	1	2
Boat Officer IV	0	0	1	1	2
F&G Regional Spvr	0	0	1	0	1
F&W Technician I	0	0	0	2	2
F&W Technician II	0	0	5	22	27
F&W Technician III	0	0	7	17	24
F&W Technician IV	0	0	0	3	3
F&W Technician V	0	0	0	1	1
Fishery Biologist I	0	0	5	3	8
Fishery Biologist II	0	0	9	8	17
Fishery Biologist III	0	0	5	7	12
Fishery Biologist IV	0	0	3	0	3
<b>Totals</b>	<b>0</b>	<b>0</b>	<b>47</b>	<b>73</b>	<b>120</b>