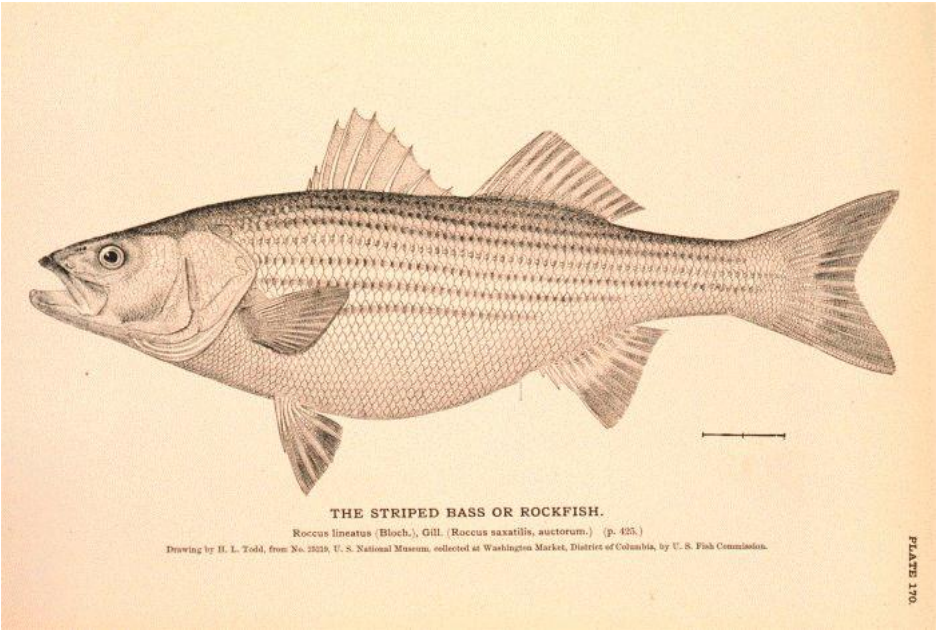
FEDERAL ASSISTANCE FOR INTERJURISDICTIONAL AND ANADROMOUS FISHERIES



PROGRAM REPORT 2005–2006

U.S. DEPARTMENT OF COMMERCE

National Oceanic and Atmospheric Administration

National Marine Fisheries Service

U.S. DEPARTMENT OF COMMERCE
Carlos M. Gutierrez , Secretary

National Oceanic and Atmospheric Administration
Conrad C. Lautenbacher, Jr.
Vice Admiral, U.S. Navy (Ret.)
Under Secretary of Commerce for Oceans and Atmosphere

National Marine Fisheries Service
William T. Hogarth, Ph.D.
Assistant Administrator for Fisheries

FEDERAL ASSISTANCE FOR INTERJURISDICTIONAL AND ANADROMOUS FISHERIES PROGRAM REPORT 2005–2006

August 2007

This report was prepared by

Stephen Meyers, Office of Sustainable Fisheries
Susan Olsen, Northeast Regional Office
Cynthia Binkley, Southeast Regional Office
Trisha Culver, Southwest Regional Office
Kevin Ford, Northwest Regional Office
Shawn Carey, Alaska Regional Office
Scott Bloom, Pacific Islands Regional Office

of the National Marine Fisheries Service

AUTHORIZATION

This report is submitted in compliance with the Interjurisdictional Fisheries Act of 1986, as amended (16 U.S.C. 4106 et seq.). It also contains information about grants authorized by the Anadromous Fish Conservation Act of 1965, as amended (16 U.S.C. 757(d)).

TABLE OF CONTENTS

INTRODUCTION 4

Anadromous Fish Conservation Act of 1965 4

Interjurisdictional Fisheries Act of 1986 5

Table 1. Anadromous Fish Conservation Act Funding
to States and Others for Fiscal Years 2003 and 2004 6

Table 2. Interjurisdictional Fisheries Act Section 308(a)
Funding to States and Others for Fiscal Years 2003 and 2004.....7

Table 3. Interjurisdictional Fisheries Act Section 308(c)
Funding to Interstate Marine Fisheries Commissions
for Fiscal Years 2003 and 2004 8

NORTHEAST REGION
List of States and Discussion of Activities and Projects.....9

SOUTHEAST REGION
List of States and Discussion of Activities and Projects.....28

NORTHWEST REGION
List of States and Discussion of Activities and Projects.....35

SOUTHWEST REGION
List of States and Discussion of Activities and Projects.....39

PACIFIC ISLANDS REGION
List of States and Discussion of Activities and Projects.....41

ALASKA REGION
List of States and Discussion of Activities and Projects.....44

FEDERAL ASSISTANCE FOR

INTERJURISDICTIONAL AND ANADROMOUS FISHERIES

PROGRAM REPORT 2005–2006

INTRODUCTION

The information contained herein is a summary of projects that were ongoing or completed during fiscal years 2005 and 2006. The National Oceanic and Atmospheric Administration (NOAA) National Marine Fisheries Service (NMFS) Federal Assistance Program is authorized under two acts: the Anadromous Fish Conservation Act (AFC), 16 U.S.C. 757a *et seq*., as amended, and the Interjurisdictional Fisheries Act (IFA) of 1986, 16 U.S.C. 4101 *et seq*., as amended.

A large portion of the funds under the IFA and the AFC are spent to obtain catch and effort statistics and other fisheries information. This information is used to support management decisions at the state level and under the Magnuson-Stevens Fishery Conservation and Management Act, the Atlantic Coastal Fisheries Cooperative Management Act, and the Striped Bass Act.

The program analysis portion is divided into six sections, one for each of the six NMFS regions. Each section contains an alphabetical list of states within that region. Preceding the project descriptions is an overview highlighting the region's grants activity during the reporting period, and general information on the grants and projects under way.

Anadromous Fish Conservation Act of 1965

The Anadromous Fish Conservation Act of 1965 (AFC) authorizes the Secretary of Commerce and the Secretary of the Interior to enter into cooperative agreements with states and other non-federal interests for the conservation, development, and enhancement of the anadromous fishery resources of the nation, including those in the Great Lakes and Lake Champlain. The program was historically administered at the federal level by NMFS and the U.S. Fish and Wildlife Service, although only NMFS has received funding to administer the program since FY 1997. The amount of funds that may be used to finance projects varies.

For most projects, federal funds account for 50 percent of the cost, but federal funds can support up to 66.66 percent of the cost when two or more states cooperate, and up to 90 percent federal funding can be made available when the project supports an interstate or federal fisheries management plan. State fishery agencies, colleges, universities, private companies, and other non-federal interests in 31 states bordering the oceans or the Great Lakes and Lake Champlain may participate under the AFC. All projects must be coordinated with and cleared through the state fishery agency concerned. Table 1 lists AFC funding to states and others for FY 2005 and

FY 2006.

Interjurisdictional Fisheries Act of 1986

The Interjurisdictional Fisheries Act of 1986 (IFA) is a formula-based financial assistance program with three overall purposes: (1) to promote and encourage state activities in support of the management of interjurisdictional resources, (2) to promote the management of interjurisdictional fisheries resources throughout their range, and (3) to promote and encourage research in preparation for the implementation of the use of ecosystems and interspecies approaches to the conservation and management of interjurisdictional fishery resources throughout their range. Any state, either directly or through an interstate commission, may submit a research proposal that supports management of fishery resources that (1) occur in waters under the jurisdiction of one or more states and in the Exclusive Economic Zone, (2) are managed under an interstate fishery management plan, or (3) migrate between the waters under the jurisdiction of two or more states bordering on the Great Lakes.

Federal share of project costs may amount to 75 percent, or 90 percent when states have adopted fishery regulations consistent with an interstate or federal fishery management plan for the species to which the study applies. Enforcement agreements with state management agencies of up to $25,000 may be financed 100 percent with federal funds. Projects to restore resources damaged by natural resource disasters had been financed by up to 100 percent federal funds, but 1992 statutory amendments required a 75–25 federal–state split for such disaster restoration projects. Also, Section 308(d) was amended in 1996 by Public Law 104-134 to provide the Secretary of Commerce with more discretion to provide funding to persons engaged in commercial fishing who are harmed by resource disasters.

Funding under Section 308(a). Funds are made available to the states under Section 308(a) based on a complex apportionment formula using the volume and value of fish landed in each state by domestic commercial fishermen. Further information on this apportionment and distribution process, and the values and volume involved, is available from any of the six NMFS Regional Offices listed in the "Administrative Organizations" section of this report. Table 2 lists IFA funding to states and others for FY 2005 and FY 2006.

Funding under Section 308(b). No funds were made available in FY 2005 and FY 2006.

Funding under Section 308(c). Funding in FY 2005 and 2006—$739,275 and $712,950, respectively—was provided to support the development of fishery management plans by interstate marine fishery commissions. Table 3 lists IFA funding to interstate marine fisheries commissions for FY 2005 and FY 2006.

Funding under Section 308(d). There was no funding for disaster assistance in FY 2005 and FY 2006.

Table 2 lists IFA funding to states and others for FY 2005 and FY 2006.

Table 1. Anadromous Fish Conservation Act Funding to States and Others for Fiscal Years 2005 and 2006.

	Region	FY 2005	FY 2006
Alaska	AKRO	340,855	337,597
California	SWRO	277,179	274,529
Connecticut	NERO	50,000	0
Delaware	NERO	50,000	0
Maine	NERO	0	68,800
Massachusetts	NERO	40,000	37,681
Michigan	NERO	30,000	30,394
Mississippi	SERO	43,388	41,165
New York	NERO	60,000	85,572
North Carolina	SERO	9,750	9,251
Oregon	NWRO	385,141	381,148
Pacific States Marine Fisheries Commission	NWRO	65,000	65,000
South Carolina	SERO	54,436	53,943
Virginia	NERO	34,634	89,181
Washington	NWRO	385,140	381,149
Totals		1,825,523	1,855,410

AKRO = Alaska Regional Office; NERO = Northeast Regional Office; NWRO = Northwest Regional Office; SERO = Southeast Regional Office; SWRO = Southwest Regional Office

Table 2. Interjurisdictional Fisheries Act Section 308(a) Funding to States and Others for Fiscal Years 2005 and 2006.

	Region	FY 2005	FY 2006
Alabama	SERO	23,646	24,021
Alaska	AKRO	141,878	144,128
American Samoa	PIRO	141,878	140,245
California	SWRO	141,878	144,128
Connecticut	NERO	23,646	24,021
Delaware	NERO	11,823	12,011
Florida	SERO	141,878	144,128
Georgia	SERO	11,823	12,011
Guam	PIRO	11,823	12,011
Hawaii	PIRO	23,646	24,021
Idaho	NWRO	11,823	12,011
Illinois	NERO	11,823	12,011
Indiana	NERO	11,823	12,011
Louisiana	SERO	141,878	144,128
Maine	NERO	141,878	144,128
Maryland	NERO	56,429	24,021
Massachusetts	NERO	141,878	144,128
Michigan	NERO	11,823	12,011
Minnesota	NERO	11,823	12,011
Mississippi	SERO	99,184	108,996
New Hampshire	NERO	23,646	12,011
New Jersey	NERO	139,917	144,128
New York	NERO	23,646	24,021
North Carolina	SERO	113,406	124,829
N. Mariana Islands	PIRO	11,823	12,011
Ohio	NERO	11,823	12,011
Oregon	NWRO	123,120	144,128
Pennsylvania	NERO	11,823	12,011
Puerto Rico	SERO	11,823	12,011
Rhode Island	NERO	82,750	94,346
South Carolina	SERO	23,646	24,021
Texas	SERO	141,878	144,128
Vermont	NERO	11,823	12,011
Virginia	NERO	141,878	144,128
Virgin Islands	SERO	11,823	12,011
Washington	NWRO	141,878	144,128
West Virginia	NERO	11,823	12,011
Wisconsin	NERO	11,823	12,011
Total		2,364,630	2,402,137

AKRO = Alaska Regional Office; NERO = Northeast Regional Office; NWRO = Northwest Regional Office; SERO = Southeast Regional Office; SWRO = Southwest Regional Office

Table 3. Interjurisdictional Fisheries Act Section 308(c) Funding to Interstate Marine Fisheries Commissions for Fiscal Years 2003 and 2004.

	Region	FY 2005	FY 2006
Atlantic States Marine Fisheries Commission	NERO	246,425	237,650
Gulf States Marine Fisheries Commission	SERO	246,425	237,650
Pacific States Marine Fisheries Commission	NWRO	246,425	237,650
Total		739,275	712,950

AKRO = Alaska Regional Office; NERO = Northeast Regional Office; NWRO = Northwest Regional Office; SERO = Southeast Regional Office; SWRO = Southwest Regional Office

****

NORTHEAST REGION

****

NMFS' Northeast Region covers 19 states—Connecticut, Delaware, Illinois, Indiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, Vermont, Virginia, West Virginia, and Wisconsin—and the Great Lakes Fisheries Commission and the Atlantic States Marine Fisheries Commission.

ATLANTIC STATES MARINE FISHERIES COMMISSION

Interjurisdictional Fisheries Act

Project Title: Interjurisdictional Fisheries Management Planning

Project and Award Numbers: 3-IJ-224/NA05NMF4071024

Purpose: The goal of interjurisdictional fisheries management planning program is to manage, enhance, restore, and maintain the shared fisheries of the Atlantic coast, with principal emphasis on the conservation and restoration of migratory marine and diadromous fishery resources and their habitat, as well as the maintenance, enhancement, and improvement of public uses and benefits from these resources, including seafood production, recreation, and commerce. This grant provided funding for the salary of the Interstate Fishery Management Plan Directory, administrative and clerical assistance, and travel.

Contact: Robert Beal
Agency: Atlantic States Marine Fisheries Commission
Date Initiated: 2005
Current Year Cost:

2005	**2006**
$246,425	$237,650

****

CONNECTICUT

Anadromous Fish Conservation Act

Project Title: Connecticut Anadromous Fish Investigations

Project and Award Numbers: AFC-28/ NA05NMF4051083

Purpose: Job 1 was to (1) monitor the commercial and recreational fisheries for American shad, (2) determine the sex ratio and age structure of the 2005 run of American shad, and (3) measure the relative abundance of juvenile American shad in the Connecticut River.

Contact: Penelope Howell
Agency: Connecticut Department of Environmental Protection
Date Initiated: 2005
Current Year Cost:

2005	**2006**
$ 50,000	$ -0-

****

Interjurisdictional Fisheries Act

Project Title: Connecticut Lobster (*Homarus americanus*) Population Studies

Project and Award Numbers: 3-IJ-168/NA06FI0208

Purpose: Connecticut's active involvement in the collection of fishery-dependent and fishery-independent monitoring of the Long Island Sound (LIS) lobster resource played a vital role in the declaration of a "Commercial Fishery Failure" for the western LIS lobster fishery. The state proposed to continue to collect this data, in addition to collecting samples for the University of Connecticut to conduct infectivity studies and further document the severity of mortality in LIS. This project is an essential component of future plans to comprehensively monitor and assess the health of the LIS lobster resource.

Contact: Penelope Howell
Agency: Connecticut Department of Environmental Protection
Date Initiated: 2005
Current Year Cost:

2005	**2006**
$ 23,646	$ 24,021

****

DELAWARE

Anadromous Fish Conservation Act

Project Title: Atlantic Sturgeon in the Delaware River: Contemporary Population Status and Identification of Spawning Areas

Project and Award Numbers: AFC-10/NA05NMF4051093

Purpose: There are three objectives for this project: (1) determine the contemporary status of Atlantic sturgeon (*Acipenser oxyrinchus oxyrinchus*) in the Delaware River, (2) identify both the spatial and temporary extent of spawning, and (3) identify critical estuarine and riverine habitats used during pre- and post-spawning movements and determine duration of riverine and estuarine residency. This project would provide NMFS, the Atlantic States Marine Fisheries Commission, U.S. Fish and Wildlife Service, and Delaware Department of Natural Resources and Environmental Control with information describing run size, sex ratio, reproductive stage, and genetic identity. Perhaps most importantly, the information collected will permit designation of Atlantic sturgeon essential spawning habitat.

Contact: Dewayne Fox
Agency: Delaware State University
Date Initiated: 2005
Current Year Cost:

2005	**2006**
$ 50,000	$ -0-

****

Project Title: A Partnership Approach for Controlling Nonindigenous Aquatic Nuisance Species in the Great Lakes

Project and Award Numbers: 3-IJ-238/NA05NMF4071201

Purpose: Aquatic nuisance species pose a significant threat to the ecosystem of the Great Lakes, and, in particular, the communities supported by the fisheries. The Great Lakes Commission proposed to use funding for information, education, and outreach activities by supporting the Information/Education Committee, preparing the *Aquatic Nuisance Species Update* newsletter insert, and enhancing inter-regional communication and coordination activities.

Contact: Katherine Glassner-Shwayder
Agency: Great Lakes Commission
Date Initiated: 2005
Current Year Cost:

2005	**2006**
$ 11,823	$ -0-

****

Project Title: A Partnership Approach for Controlling Nonindigenous Aquatic Nuisance Species (AIS) in the Great Lakes

Project and Award Numbers: 3-IJ-257/NA06NMF4070259

Purpose: Requested funds will continue to provide institutional support for the Great Lakes Panel and its committees with particular focus on the Information/Education Committee. In supporting the Committee, priority activities include ongoing strategic work on regional outreach programs, such as implementation of the *AIS Information/Education Priorities for the Great Lakes* and updates to the *Information and Education Strategy for ANS Prevention and Control*. Work will also continue on effective dissemination of information on AIS prevention and control, to deliver messages that are accurate and consistent.

Contact: Katherine Glassner-Shwayder
Agency: Great Lakes Commission
Date Initiated: 2006
Current Year Cost:

2005	**2006**
$ -0-	$ 12,011

****

ILLINOIS

Interjurisdictional Fisheries Act

Project Title: Unassessed Catch and Harvest of Nearshore Species in Illinois Waters of Lake Michigan

Project and Award Numbers: 3-IJ-239/ NA05NMF4071218

Purpose: In 2004, the Illinois and Indiana Departments of Natural Resources began a collaborative study of bass in southern Lake Michigan utilizing Passive Integrated Transponder tags to monitor growth and estimate population size, which will be used as baseline data for this grant. The first objective of this proposed study is to determine the influence of transport by fishing tournament anglers on the home range and population estimates for largemouth and smallmouth bass near the Illinois–Indiana border, and to provide additional data for areas not sampled by the Departments' study. The second objective is to estimate the monthly harvest totals for winter months to determine whether the winter harvest is still negligible in comparison to the rest of the calendar year and indirectly address the effectiveness of the July closure in reducing the harvest of yellow perch.

Contact: Jan Savitz
Agency: Illinois Department of Natural Resources
Status: 5-year project – in progress
Date Initiated: 2005
Current Year Cost:

2005	**2006**
$ 11,823	$ 12,011

****

MAINE

Anadromous Fish Conservation Act

Project Title: Restoration of American Shad and River Herring in the Androscoggin River

Project and Award Numbers: AFC-37/NA05NMF4051120

Purpose: This project continues a 22-year monitoring effort at the Brunswick fishway, the goal of which is to restore alosid species (American shad, alewives, and blueback herring) to the Androscoggin River watershed and to increase the potential for restoration of other native fish species, such as Atlantic salmon and American eel by: increasing the abundance, survival, and natural reproduction of prespawning adult river herring and American shad in historic spawning and nursery habitat areas (trap and transport, stocking); protecting and enhancing the health of the native fish community structure in support of river herring and American shad restoration efforts; characterizing the annual migration of adult river herring and American shad in the Androscoggin River watershed; assessing the reproductive success of adults and productivity of juvenile alosids in the watershed; increasing the accessibility of historic habitat for native diadromous and resident fish species to increase the abundance, survival, and natural reproduction in historic habitat; and increasing public awareness of the Androscoggin River program in order to encourage participation and support in river restoration initiatives. Efforts will be focused on improving American shad passage on the lower Androscoggin River and researching life-history stages of marked and naturally reproduced American shad fry released in three hydropower impoundments on the lower river. The resulting data will improve the accuracy of determination of the number of hatchery-reproduced versus naturally reproduced juvenile emigrating from the river system, as well as differences among headpond habitats.

Contact: Michael Brown
Agency: Maine Department of Marine Resources
Date Initiated: 2005
Current Year Cost:

2005	**2006**
$ 50,000	$ -0-

****

Project Title: Restoration of American Shad and River Herring in the Androscoggin River

Project and Award Numbers: AFC-38/NA06NMF4050181

Purpose: This project will focus on improving American shad and river herring passage on the lower Androscoggin River and researching life-history stages of marked and naturally reproduced American shad fry released into three hydropower impoundments on the lower river. The resulting data will provide a higher degree of accuracy for determining the numbers of hatchery versus naturally reproduced juveniles emigrating from the river system. There will also be an increase in the numbers of adult American shad tagged with radio tags to assess upstream passage at the Brunswick fishway. The project has six stated objectives: (1) increase the abundance, survival, and natural reproduction of pre-spawn adult river herring and American shad in historic spawning and nursery habitats; (2) protect and enhance the health of the native fish community structure in support of river herring and American shad restoration efforts; (3) characterize the annual migration of adult river herring and American shad in the Androscoggin River watershed; (4) assess the reproductive success of adults and productivity of juvenile alosids in the watershed (5) increase the accessibility of historic habitat for native diadromous and resident fish species to increase the abundance, survival, and natural reproduction in historic habitat; and (6) increase public awareness of the Androscoggin River program in order to encourage participation and support in river restoration initiatives.

Contact: Michael Brown
Agency: Maine Department of Marine Resources
Date Initiated: 2006
Current Year Cost:

2005	**2006**
$ -0-	$ 68,800

****

Interjurisdictional Fisheries Act

Project Title: Interjurisdictional Fisheries Resource Monitoring Assessment

Project and Award Numbers: 3-IJ-229/NA05NMF4071035

Purpose: Funding was requested in 2006 to conduct a multi-species resource monitoring and assessment project that will supplement State of Maine general and dedicated revenues currently invested in resource monitoring and assessment activities for American lobster, Atlantic herring, northern shrimp, sea urchin, groundfish, and fishery management and assessment resources in

the Gulf of Maine.

Contact: Dan Schick
Agency: Maine Department of Marine Resources
Date Initiated: 2005
Current Year Cost:

2005	**2006**
$ 141,878	$ 144,128

****

MARYLAND

Interjurisdictional Fisheries Act

Project Title: Maryland Interjurisdictional Fisheries Statistics

Project and Award Numbers: 3-IJ-225/ NA05NMF4071066

Purpose: Maryland proposed to maintain commercial catch and effort data collection programs for interjurisdictional species, including: the Finfish Reporting System, Blue Crab Reporting System, Fishing Guide Reporting System, and Sea Food Dealer Reporting System. Through this project, Maryland will facilitate the interstate fisheries management process by collecting the appropriate commercial catch and effort statistics for interjurisdictional species harvested in Maryland.

Contact: Connie Lewis
Agency: Maryland Department of Natural Resources
Date Initiated: 2005
Current Year Cost:

2005	**2006**
$ 56,429	$ 24,021

****

MASSACHUSETTS

Anadromous Fish Conservation Act

Project Title: Biological Characterization and Enhancement of Shad and River Herring Populations in Massachusetts Coastal Streams

Project and Award Numbers: AFC-30/NA05NMF4050253

Purpose: This project continues its work on two jobs: (1) collection of biological samples to characterize alewife, blueback, and American shad spawning populations in several streams and rivers along the Massachusetts coast; and (2) enhancement and restoration of historic anadromous fish runs by stocking pre-spawning adults from healthy runs into depleted runs, particularly in streams that have recently or will soon have improved fish passage.

Contact: Michael Armstrong
Agency: Massachusetts Division of Marine Fisheries
Date Initiated: 2005
Current Year Cost:

2005	**2006**
$ 40,000	$ -0-

****

Project Title: Biological Characterization and Enhancement of Shad and River Herring Populations in Massachusetts Coastal Streams

Project and Award Numbers: AFC-31/NA06NMF4050202

Purpose: This project continues work on two jobs: collection of biological samples to characterize alewife, blueback, and American shad spawning populations in several streams and rivers along the Massachusetts coast and enhancement and restoration of historic anadromous fish runs by stocking pre-spawning adults from healthy runs into depleted runs, in particular in streams that have recently or will soon have improved fish passage.

Contact: Michael Armstrong
Agency: Massachusetts Division of Marine Fisheries
Date Initiated: 2006
Current Year Cost:

2005	**2006**
$ -0-	$ 37,681

****

Interjurisdictional Fisheries Act

Project Title: Management Information Systems and Fisheries Statistics

Project and Award Numbers: 3-IJ-227/NA05NMF4071027

Purpose: The Massachusetts Division of Marine Fisheries has been collecting fisheries information since the mid-1960s. This project will continue to collect traditional catch and effort information from the lobster, shellfish, weir, and gillnet fisheries. The Division will investigate expanding trip-based reporting to all fisheries, and staff will be dedicated to the conversion of historical data into the current database. Ultimately, these data give fishery managers some of the baseline data needed for incorporation into interjurisdictional fisheries management plans.

Contact: Thomas Hoopes
Agency: Massachusetts Division of Marine Fisheries
Status: 5-year project – in progress
Date Initiated: 2005
Current Year Cost:

2005	**2006**
$ 141,878	$ 144,128

****

MICHIGAN

Anadromous Fisheries Conservation Act

Project Title: Movements of Juvenile Lake Sturgeon in the St. Clair River, Michigan

Project and Award Numbers: AFC-23/ NA04NMF4050265

Purpose: This project offers funding for an ongoing project that will identify and evaluate habitat selection of juvenile lake sturgeon (*Acipenser fulvescens*)—listed by the State of Michigan as a threatened species—in southern Lake Huron, the St. Clair River, and Lake St. Clair by monitoring juvenile lake sturgeon movement and distribution using telemetry. The project involves a partnership among the Michigan Department of Natural Resources, Fisheries Division; the U.S. Fish and Wildlife Service; and the University of Michigan, ongoing since 1996, which included an adult lake sturgeon telemetry study funded previously by NMFS. Unlike adult sturgeon, juveniles appear to remain in the river year-round. This project will help evaluate whether riverine areas may be important nursery habitat for lake sturgeon.

Contact: James Diana
Agency: Michigan Department of Natural Resources
Date Initiated: 2004
Current Year Cost:

2005	**2006**
$ 30,000	$ 30,394

****

Interjurisdictional Fisheries Act

Project Title: Quantitative Support for Interjurisdictional Fisheries Management on the Great Lakes

Project and Award Numbers: 3-IJ-235/ NA05NMF4071061

Purpose: Michigan has proposed to work with statistical and modeling experts at the Great Lakes Center for Quantitative Fisheries Science and Management at Michigan State University to (1) develop innovative research projects on creative approaches for quantitative science in support of interjurisdictional fisheries management of Great Lakes Fisheries, (2) receive outreach support for ongoing applications of decision tools developed through partnerships between the Center and management agencies, and (3) provide training in advanced quantitative fishery techniques for mid-career professionals in fisheries management.

Contact: Eric Sinke
Agency: Michigan Department of Natural Resources
Status: 5-year project – in progress
Date Initiated: 2005
Current Year Cost:

2005	2006
$ 11,823	$ 12,011

****

MINNESOTA

Interjurisdictional Fisheries Act

Project Title: Quantitative Support for Interjurisdictional Fisheries Management on the Great Lakes

Project and Award Numbers: 3-IJ-237/NA05NMF4071063

Purpose: Minnesota has proposed to work with statistical and modeling experts at the Great Lakes Center for Quantitative Fisheries Science and Management at Michigan State University to (1) develop innovative research projects on creative approaches for quantitative science in support of interjurisdictional fisheries management of Great Lakes Fisheries, (2) receive outreach support for ongoing applications of decision tools developed through partnerships between the

Center and management agencies, and (3) provide training in advanced quantitative fishery techniques for mid-career professionals in fisheries management.

Award Status: The Center has been working to fill staffing needs, including hiring a new post-doctoral fellow, and identifying candidates for a Ph.D. fellowship. The development of two online courses continued and beta-testing will commence shortly. Staff participated in a Lambda Review and Stock Assessment workshop for Lake Erie percids, including reviewing papers and modifying modeling procedures. Staff also assisted the Michigan Department of Natural Resources with database management and provided assistance in delineating and classifying river valley segments in several Great Lakes states. Lastly, staff are involved in a number of research projects, including research on statistical catch-at-age stock assessment methods, an evaluation of harvest policies for Lake Michigan yellow perch, a model-based evaluation of how salmonid stocking influences the fish communities of Lakes Huron and Ontario, definition of targets for sea lamprey control in the Great Lakes, research on the dynamics and biology of Siscowet lake trout in Lake Superior, and development and testing models of lake herring *(Coregonus artedi)* population dynamics in Lake Superior.

Contact: Gerald Johnson
Agency: Minnesota Department of Natural Resources
Status: 5-year project – in progress
Date Initiated: 2005
Current Year Cost:

2005	**2006**
$ 11,823	$ 12,011

****

NEW HAMPSHIRE

Interjurisdictional Fisheries Act

Project Title: Monitoring of the American Lobster Resource and Fishery in New Hampshire

Project and Award Numbers: 3-IJ-232/NA05NMF4071056

Purpose: The objective of this 5-year project is to monitor the relative abundance, growth, sex composition, molt stage, and length frequencies of SCUBA-caught lobsters in New Hampshire territorial waters on an annual basis, and assist in the research of the cause of shell disease witnessed in New Hampshire state waters. Dive stations will be sampled monthly and lobsters observed will be collected, sexed, and measured. Reports will be prepared to analyze data collected from field surveys. In addition, staff will work with researchers via a contract to investigate the cause of shell disease.

Contact: Clare McBane
Agency: New Hampshire Fish and Game Department

Status: 5-year project – in progress
Date Initiated: 2005
Current Year Cost:

2005	**2006**
$ 23,646	$ 12,011

****

NEW JERSEY

Interjurisdictional Fisheries Act

Project Title: Inventory of New Jersey's Surf Clam Resources

Project and Award Numbers: 3-IJ-236/ NA05NMF4071146

Purpose: New Jersey proposed to determine the standing stock of surf clams in New Jersey's coastal waters from Cape May to Shark River, to determine the size distribution of surf clams within the standing stock and to determine the general patterns of the setting of surf clams from the plankton within the 3-mile limit. A commercial surf clam vessel will be chartered for the determination of standing stock and size distribution.

Contact: Jeffrey Normant
Agency: New Jersey Division of Fish and Wildlife
Status: 5-year project – in progress
Date Initiated: 2005
Current Year Cost:

2005	**2006**
$ 139,917	$ 144,128

****

NEW YORK

Anadromous Fish Conservation Act

Project Title: A Study of Juvenile Striped Bass in the Marine District of New York State: Juvenile Striped Bass

Project and Award Numbers: AFC-30/NA05NMF4051085

Purpose: Through this two-part project, the state of New York hopes to: provide an annual assessment of young-of-the-year (YOY) striped bass in the Hudson River through an index of

relative abundance, tag sub-adult striped bass in western Long Island bays, estimate age-specific annual mortality rates from striped bass tagged in western Long Island bays, provide annual assessments of yearling and YOY striped bass in western Long Island bays through an index of relative abundance, examine the tagging data to assess the possibility of determining emigration rates of sub-adult striped bass, obtain information on the biological characteristics of striped bass caught in western Long Island bays, and obtain information about other organisms in, and characteristic of, striped bass habitats in western Long Island bays.

Contact: Julia Brischler
Agency: New York Department of Environmental Conservation
Status: 1-year project – completed
Date Initiated: 2005
Current Year Cost:

2005	**2006**
$ 60,000	$ -0-

****

Project Title: A Study of Juvenile Striped Bass in the Marine District of New York State: Juvenile Striped Bass

Project and Award Numbers: AFC-31/NA06NMF4050066

Purpose: Through this two-part project, the state of New York hopes to: provide an annual assessment of YOY striped bass in the Hudson River through an index of relative abundance, tag sub-adult striped bass in western Long Island bays, estimate age-specific annual mortality rates from striped bass tagged in western Long Island (WLI) bays, provide annual assessments of yearling and YOY striped bass in WLI bays through an index of relative abundance, examine the tagging data to assess the possibility of determining emigration rates of sub-adult striped bass, obtain information on the biological characteristics of striped bass caught in western Long Island bays, and obtain information about other organisms in, and characteristic of, striped bass habitats in western Long Island bays.

Contact: Julia Brischler
Agency: New York Department of Environmental Conservation
Status: 1-year project – in progress
Date Initiated: 2006
Current Year Cost:

2005	**2006**
$ -0-	$ 85,572

****

Interjurisdictional Fisheries Act

Project Title: Fishery Dependent Monitoring of the American Lobster, Horseshoe Crab, and Blue Crab in the Marine District of Long Island, NY

Project and Award Numbers: 3-IJ-231/ NA05NMF4071038

Purpose: The State of New York sought funds to collect biological and fishery information to assist in managing crustacean (and merostomata) resources. The implementation of mandatory monthly vessel trip reporting for lobstermen should increase the quality of the lobster landings data and allow investigators to more accurately determine where landings are harvested spatially. This project will also determine whether a conversion factor is necessary to keep the time series of landings data intact. The sampling for biological data from the fishery will be weighted by landings both spatially and temporally. This will focus the sampling effort to times and places that will be most effective in characterizing the annual landings.

Contact: Robyn Burgess
Agency: New York Department of Environmental Conservation
Status: 5-year project – in progress
Date Initiated: 2005
Current Year Cost:

2005	**2006**
$ 23,646	24,011

****

OHIO

Interjurisdictional Fisheries Act

Project Title: Quantitative Support for IJF Management on the Great Lakes

Project and Award Numbers: 3-IJ-234/ NA05NMF4071064

Purpose: Ohio—in partnership with the states of Minnesota and Michigan and the University of Michigan—hope to establish a Great Lakes Center for Quantitative Fisheries Science and Management at the University of Michigan, which will provide research, outreach, and training on quantitative fisheries management and risk assessment techniques. The Center will be phased in over 3 years, and other agency partners may opt into the partnership as the Center becomes established. This plan will allow participants to build the capacity to be responsive to partner agency needs for advice and training, including distance education and certification programs, and to attract outstanding graduate students in the area of quantitative fisheries science.

Contact: Roger Knight
Agency: Ohio Department of Natural Resources
Status: 5-year project – in progress
Date Initiated: 2005
Current Year Cost:

2005	**2006**
$ 11,823	$ 12,011

****

PENNSYLVANIA

Interjurisdictional Fisheries Act

Project Title: Documentation and Quantification of Alosids Utilizing Fish Passage Facilities and Collection of Biological Data on Adult American Shad

Project and Award Numbers: 3-IJ-240/NA05NMF4071206

Purpose: The Pennsylvania Fish and Boat Commission has monitored the passage of American shad in the Easton and Chain Dam fishways in the Lehigh River for the past 10 years. Through this grant, Pennsylvania proposed: to document and quantify alosids utilizing fish passage facilities at the Easton and Chain Dams on the Lehigh River; collect biological data on adult American shad taken during spawning-taking operations at Smithfield Beach on the Delaware River; and to determine age, sex, and origin of ascending adult shad and outgoing juvenile shad at the Easton Dam.

Contact: David Arnold
Agency: Pennsylvania Fish and Boat Commission
Status: 4-year project – in progress
Date Initiated: 2005
Current Year Cost:

2005	**2006**
$ 11,823	$ 12,011

****

RHODE ISLAND

Interjurisdictional Fisheries Act

Project Title: Rhode Island Lobster Research and Management Project

Project and Award Numbers: 3-IJ-228/NA05NMF4071030

Purpose: Rhode Island proposed this project to continue a long-term monitoring program of the most economically important single species fishery in the state. Both biological and catch/effort data will be collected from the lobster fishery. A sea sampling program was initiated to provide data that is sufficiently precise to be included in the annual stock assessment. A detailed report describing the findings of this investigation will be prepared.

Contact: Thomas Angell
Agency: Rhode Island Department of Environmental Management
Date Initiated: 2005
Current Year Cost:

2005	**2006**
$ 82,750	$ 94,346

****

VIRGINIA

Anadromous Fish Conservation Act

Project Title: Age- and Time-Specific Estimates of Natural and Fishing Mortality Rates for Striped Bass

Project and Award Numbers: AFC-38/NA05NMF4051116

Purpose: Virtual population analysis (VPA) and the Maryland harvest control models are two tools that offer striped bass fishery managers tremendous potential. However, errors in estimating natural mortality (input to both models) affect estimates of population size, fishing mortality, exploitation rate, and quotas. Researchers propose a statistical modeling and data analysis project to: develop new models to allow for catch and release fishing in the tagging models and to allow for age-dependent changes in mortality; develop software to fit the new tagging models; develop a manual for the new software; apply the models to the Rappahannock River tagging data for striped bass, to Maryland tagging data, to Delaware tagging data, and to Hudson River tagging data; present the results of the data analyses to appropriate committees and subcommittees of the Atlantic States Marine Fisheries Commission (ASMFC); produce public descriptions of the new models and publish the findings about striped bass fishing and natural mortality rates in scientific journals; and hold a training workshop for ASFMC-participating biologist and distribute the new software.

Contact: John Hoenig
Agency: Virginia Institute of Marine Science
Status: 1-year project – completed
Date Initiated: 2005

Current Year Cost:

2005	**2006**
$ 34,634	$ -0-

****

Project Title: Atlantic Sturgeon Restoration in Chesapeake Bay

Project and Award Numbers: AFC-39/NA06NMF4050068

Purpose: Spawning and nursery habitat will be surveyed in those specific sections in the James River with sidescan sonar and benthic grab samples to verify where spawning habitat is available. Virginia Institute of Marine Science scientists in cooperation with commercial gillnet fishermen will further characterize size, condition, and relative abundance of Atlantic sturgeon caught as bycatch seasonally in the coastal, Chesapeake Bay, and river fisheries. Juvenile sturgeon from catches taken in the rivers in the gillnet fishery mentioned previously will be marked with fish tags and genetic samples will be taken. Any adult-size sturgeon captured will be subject to non-invasive methods to determine sex and maturity. Ultrasonic methods will also be investigated. Further brood stock sturgeon will be collected for aquaculture efforts and returned to the water after spawning. This project will further define spawning and nursery habitat for Atlantic sturgeon in Virginia; further define sturgeon bycatch and mortality in Virginia gillnet fisheries; provide Virginia brood stock for a baywide sturgeon stocking and restoration effort; and provide additional genetic material for ongoing studies on Atlantic sturgeon stocks by the U.S Fish and Wildlife Service.

Contact: John A. Musick
Agency: Virginia Institute of Marine Science
Status: 1-year project – in progress
Date Initiated: 2006
Current Year Cost:

2005	**2006**
$ -0-	$ 89,181

****

Interjurisdictional Fisheries Act

Project Title: Commercial Fisheries Statistics Information Systems

Project and Award Numbers: 3-IJ-226/NA05NMF4071117

Purpose: Virginia sought funding for this project to continue to expand the collection,

processing, and dissemination of commercial catch and effort data for interjurisdictional fishery species. The continuation of the commercial fisheries statistics program will provide information needed by the Virginia Marine Resource Commission to make timely management decisions and the ability to determine the effects of those decisions. The project also provides harvest and stock assessment data on the commercial fisheries to municipal, state, and federal agencies and to research institutions. Through this program, commercial and recreational data will be collected, processed, and disseminated.

Contact: Stephanie Iverson
Agency: Virginia Marine Resource Commission
Date Initiated: 2005
Current Year Cost:

2005	**2006**
$ 141,878	$ 144,128

****

VERMONT

Interjurisdictional Fisheries Act

Project Title: Population Modeling of Atlantic Salmon in Vermont Tributaries of the Connecticut River

Project and Award Numbers: 3-IJ-223/NA04NMF4070294

Purpose: This grant was proposed to dovetail with previous Atlantic salmon modeling efforts. In previous work, abiotic factors and fish data were collected for use in population modeling. The goal of this study is to test models against independent data to determine which models will be the most helpful for restoration programs. Several tasks will be accomplished, including: input data into models to test the viability of using these models in management scenarios, conduct collaboration meetings, and make recommendations on which type of models will provide the best framework for making management decisions.

Award Status: Investigators met for 2-1/2 days in January 2006. Discussions focused on critiquing simulations that combine the effects of temperature and flow for smolt migration from different tributaries. Since the meeting, efforts have focused on modeling the effects of high and low temperature on smolt survival. Investigators have concluded that a smaller cold range allows for many more smolts to successfully migrate, and that a smaller warm range decreases the opportunity for smolts to leave the system. Final temperature ranges are in the process of being set. Investigators plan to address the effects of dams and flows in relation to the effects of both the trigger and mainstem temperatures.

Contact: Donna Parrish

Agency: Vermont Department of Fish and Wildlife
Date Initiated: 2004
Current Year Cost:

2005	**2006**
$ 11,823	$ 12,011

****

WISCONSIN

Interjurisdictional Fisheries Act

Project Title: Great Lakes Commercial Fisheries Licensing and Harvest Statistics Information System

Project and Award Numbers: 3-IJ-233/NA05NMF4071065

Purpose: Wisconsin is updating its reporting system to an electronic submission program. Under this grant, the Wisconsin Department of Natural Resources hopes to implement a pilot project that involves a select number of licensed commercial fishermen, issue annual commercial fishing licenses and quota permits, prepare annual commercial harvest and effort statistical reports, design custom statistical reports requested by managers, and fulfill liaison responsibilities to the Lake Michigan Commercial Fishing Board. This program will use pre-programmed laptop computers and distribute these computers to participating fishermen. The Department of Natural Resources hopes this system will reduce paperwork and improve the timeliness and accuracy of reports.

Contact: Allen Blizel
Agency: Wisconsin Department of Natural Resources
Current Year Cost:

2005	**2006**
$ 11,823	$ 12,011

****

SOUTHEAST REGION

There is a great diversity of fishery resources within the Southeast Region, which includes 17 states—Alabama, Arkansas, Florida, Georgia, Iowa, Kansas, Louisiana, Mississippi, Missouri, North Carolina, New Mexico, Nebraska, Oklahoma, Puerto Rico, South Carolina, Tennessee, and Texas—and the U.S. Virgin Islands.

****

MISSISSIPPI

Anadromous Fish Conservation Act

Project Title: Striped Bass Restoration Program Evaluation – Mississippi Gulf Coast

Project and Award Numbers: NA04NMF4050203

Purpose: The original purpose of this award was to determine the status of the striped bass population in the Pearl River in order to evaluate the effects of restoration efforts—past, present, and future. The purpose also was to determine the suitability of the river to meet the critical habitat requirements for striped bass life stages and to collect and evaluate tag return data resulting from stocking tagged advanced fingerlings. After Hurricane Katrina struck in August 2005, the striped bass hatcheries and much of the nearshore and riverine habitat were destroyed, so the project focused on collecting and evaluating tag return data to monitor the population changes that will result from discontinued stocking.

Contact: Larry Nicholson
Agency: University of Southern Mississippi
Status: Ongoing; will be extended 2 additional years
Date Initiated: 2004
Current Year Cost:

2005	**2006**
$ 43,388	$ 41,165

****

NORTH CAROLINA

Project Title: Albemarle Sound, North Carolina, Area Alosid Management

Project and Award Numbers: NA04NMF4050202

Purpose: To collect, process, and report information on Albemarle Sound alosids and their fisheries for use in state and federal management programs.

Contact: Brian Cheuvront
Agency: North Carolina Department of Environment and Natural Resources
Date Initiated: 2004
Current Year Cost:

2005	**2006**
$ 9,750	$ 9,251

****

SOUTH CAROLINA

Project Title: Investigations of Fisheries Parameters for Anadromous Fishes in South Carolina

Project and Award Numbers: NA04NMF4050201

Purpose: To collect catch, effort, and biological data for American shad. Information will be obtained from fishery-dependent sources and from fishery-independent mark-recapture studies.

Contact: Mark Collins
Agency: South Carolina Department of Natural Resources
Date Initiated: 2004
Current Year Cost:

2005	**2006**
$ 54,463	$ 53,943

****

ALABAMA

Interjurisdictional Fisheries Act

Project Title: Enforcement and Coordination of Interjurisdictional Fisheries Protection Measures

Project and Award Number: NA04NMF4070181

Purpose: To provide for a coordinated enforcement program with adjacent states and NMFS for interjurisdictional fisheries protection measures.

Contact: John Jenkins
Agency: Alabama Department of Conservation and Natural Resources
Date Initiated: 2004
Current Year Cost:

2005	**2006**
$23,468	$24,021

****

FLORIDA

Interjurisdictional Fisheries Act

Project Title: Florida's Interjurisdictional Marine Fisheries Research Program

Project and Award Number: NA05NMF4070034

Purpose: To obtain fisheries independent data on blue crab biology and population dynamics to help develop a protocol for conducting assessments of that species.

Contact: Linda Torres
Agency: Florida Fish and Wildlife Conservation Commission, Fish and Wildlife Research Institute
Date Initiated: 2005
Current Year Cost:

2005	**2006**
$141,878	$144,128

****

GEORGIA

Interjurisdictional Fisheries Act

Project Title: Georgia Interjurisdictional Fisheries Act 2005–2008

Project and Award Number: NA06NMF4071001

Purpose: To determine the relative abundance, size composition, and reproductive status of Georgia's penaeid shrimp and blue crab stocks, by collecting monthly fisheries-independent assessment sampling data.

Contact: Ron Michaels
Agency: Georgia Department of Natural Resources, Coastal Resources Division
Date Initiated: 2005
Current Year Cost:

2005	2006
$11,823	$12,011

****

GULF STATES MARINE FISHERIES COMMISSION

Interjurisdictional Fisheries Act

Project Title: Interjurisdictional Fisheries Management Plans and Revisions

Project and Award Number: NA05NMF4070005

Purpose: To provide management for interjurisdictional fisheries under the jurisdiction of the Gulf States and the Gulf States Marine Fisheries Commission, consistent with the purposes and objectives of the Interjurisdictional Fisheries Act of 1986. This will be accomplished by identifying, prioritizing, and scheduling individual fisheries for regional plan development or revision.

Contact: Steve Vanderkooy
Agency: Gulf States Marine Fisheries Commission
Date Initiated: 2005
Current Year Cost:

2005	2006
$246,425	$374,650

****

LOUISIANA

Interjurisdictional Fisheries Act

Project Title: Interjurisdictional Assessment and Management of Louisiana Coastal Fisheries

Project and Award Number: NA04NMF4070187

Purpose: To maintain a coast-wide program that monitors relevant parameters of economically important marine fisheries resources, including both population dynamics and associated hydrological/environmental parameters, to develop rational management recommendations.

Contact: Marty Bourgeois
Agency: Louisiana Department of Wildlife and Fisheries
Date Initiated: 2004

Current Year Cost:

2005	**2006**
$141,878	$144,128

****

MISSISSIPPI

Interjurisdictional Fisheries Act

Project Title: Monitoring and Assessment of Mississippi's Interjurisdictional Marine Resources

Project and Award Number: NA04NMF4070183

Purpose: To sample various populations of fish and shellfish in Mississippi waters, to provide a portion of biological and hydrological data needed to manage for ensured biological sustainability and the greatest benefit to the resource users.

Contact: Michael Brainard
Agency: Mississippi Department of Marine Resources
Date Initiated: 2004
Current Year Cost:

2005	**2006**
$99,184	$108,996

****

NORTH CAROLINA

Interjurisdictional Fisheries Act

Project Title: North Carolina Commercial Fisheries Assessment

Project and Award Number: NA04NMF4070216

Purpose: To collect, analyze, and report information on North Carolina finfish operations for management use, including preparation and implementation of state and interjurisdictional management plans.

Contact: Brian Cheuvront
Agency: North Carolina Department of Environment and Natural Resources – Marine Fisheries

Date Initiated: 2004
Current Year Cost:

2005	**2006**
$113,406	$124,829

****

PUERTO RICO

Project Title: Puerto Rico/NMFS Interjurisdictional Fisheries Program

Project and Award Number: NA04NMF4070184

Purpose: To manage and disseminate statistics on the commercial finfish and shellfish resources of Puerto Rico through coordination of activities with NMFS.

Contact: Daniel Matos
Agency: Puerto Rico Department of Natural and Environmental Resources
Date Initiated: 2004

Current Year Cost:

2005	**2006**
$11,823	$12,011

****

SOUTH CAROLINA

Project Title: Fishery Independent Assessment of Adult Red Drum and Coastal Sharks in South Carolina

Project and Award Number: NA03NMF4070106

Purpose: To conduct fishery-independent assessment of the population status of adult red drum and coastal shark species in the nearshore ocean and estuarine waters of South Carolina.

Contact: Glenn Ulrich
Agency: South Carolina Department of Natural Resources, Marine Center
Date Initiated: 2003
Current Year Cost:

2005	**2006**
$23,646	$$24,021

****

TEXAS

Project Title: Monitoring of Shellfish Resources for Shellfish Management in Texas Coastal Waters

Project and Award Number: NA04NMF4070254

Purpose: To conduct a random sampling survey along shoreline areas within major shrimp- and crab-producing Texas coastal bay waters to monitor trends in abundance and size of brown shrimp, white shrimp, pink shrimp, and blue crab.

Contact: Mark Fisher
Agency: Texas Parks and Wildlife Department
Date Initiated: 2004
Current Year Cost:

2005	**2006**
$141,878	$144,128

****

VIRGIN ISLANDS

Project Title: Virgin Islands Research and Assessment for Interjurisdictional Species

Project and Award Number: NA04NMF4070182

Purpose: To collect biostatistical data on the commercial finfish and shellfish resources of the U.S. Virgin Islands, including data management and dissemination through coordination with NMFS.

Contact: William Tobias
Agency: Virgin Islands Department of Planning and Natural Resources – Division of Fish and Wildlife
Date Initiated: 2004
Current Year Cost:

2005	**2006**
$11,823	$12,011

****

NORTHWEST REGION

****

The Northwest Region encompasses two coastal states—Oregon and Washington—and seven inland states—Colorado, Idaho, Montana, North Dakota, South Dakota, Utah, and Wyoming.

The Northwest Region provided IFA funds to Washington, Oregon, and Idaho and to the Pacific States Marine Fisheries Commission (PSMFC). Both Washington and Oregon used the majority of their IFA funds for groundfish data collection and analyses activities that support the Pacific Coast Groundfish Fishery Management Plan. In addition, a portion of Oregon's IFA funds were used to support management of pink shrimp. Idaho's IFA funding supported the development of estimates of run size and harvest levels of certain wild steelhead stocks in the Snake River Basin. PSMFC's IFA funds provided support for: the development of interstate plans for fishery resources of mutual concern in the region; coordination of state and federal data collection programs for interjurisdictional species; and further development of GIS tools and products for regional landings, economic, habitat and community data. The remainder of the inland states did not qualify for funding under the IFA.

****

IDAHO

Project Title: Abundance and Migratory Patterns of Steelhead Salmon returning to the Snake River Basin

Project and Award Numbers: NA04NMF4070290

Purpose: Estimate run sizes of wild-origin steelhead stocks crossing the Lower Granite and Bonneville dams and estimate the harvest of wild steelhead in the mainstem Columbia River and tributaries.

Contact: Director
Agency: Idaho Department of Fish and Game
Date Initiated: 2005
Current Year Cost:

2005	**2006**
$ 12,646	$12,011

****

PACIFIC STATES MARINE FISHERIES COMMISSION

Anadromous Fish Conservation Act

Project Title: Regional Mark Processing Center (RMPC)

Project and Award Numbers: NA03NMF4050305 and NA06NMF4050065

Purpose: Provide regional coordination of salmon tagging and fin marking programs, and maintenance of coast-wide databases for coded wire tag (CWT) releases, recoveries, and associated catch/sample information. The RMPC designs, develops, implements, and evaluates the central database for the storage and retrieval of coastwide CWT and related fisheries information. The RMPC validates multi-agency submissions of CWT release, recovery, and related data for Pacific salmon and steelhead research studies and harvest management.

Contact: George Nandor
Agency: Pacific States Marine Fisheries Commission
Date Initiated: 2005
Current Year Cost:

2005	**2006**
$ 65,000	$ 65,000

****

PACIFIC STATES MARINE FISHERIES COMMISSION

Project Title: Pacific Ocean Interjurisdictional Fisheries Management Plan Coordination and Management

Project and Award Numbers: NA05NMF4071127 and NA06NMF4070275

Purpose: Coordinate interstate fisheries management activities and develop, monitor, and revise interstate fishery management plans for interjurisdictional fisheries; coordinate and enhance data collection activities that support interjurisdictional fisheries; coordinate and develop coast-wide research plans; and continue development of Global Information Ssystems tools and products for West Coast landings, economics, and community data.

Contact: Dave Colpo
Agency: Pacific States Marine Fisheries Commission
Date Initiated: 2005
Current Year Cost:

2005	**2006**
$ 246,425	$244,070

****

OREGON

Project Title: Shrimp and Groundfish Management and Assessment

Project and Award Numbers: NA05NMF4071147 and NA06NMF4070244

Purpose: Provide catch, effort, biological, and stock assessment data and analyses to support the conservation and management of the West Coast groundfish and pink shrimp resources.

Contact: Robert Hannah/Gway Kirchner
Agency: Oregon Department of Fish and Wildlife
Date Initiated: January 1, 2005
Current Year Cost:

2005	**2006**
$ 123,120	$144,127

****

Project Title: Joint Oregon–Washington Ocean Salmon Monitoring

Project and Award Numbers: NA05NMF4051225 and NA06NMF4050220

Purpose: Provide high-quality and timely harvest, stock identification, and stock assessment data. Specific activities include catch sampling, harvest monitoring, tagging of juvenile salmon and recovery of fish tags, and genetic analyses of returning salmon stocks.

Contact: Mark Lewis
Agency: Oregon Department of Fish and Wildlife
Date Initiated: October 1, 2005
Current Year Cost:

2005	**2006**
$385,141	$381,148

****

WASHINGTON

Project Title: Coastal Marine Resources Management and Stock Assessment

Project and Award Numbers: NA05NMF4071114 and NA06NMF4070243

Purpose: Conduct fisheries resource data collection and analysis activities consistent with the

needs of the Pacific Fishery Management Council and in support of the Groundfish Fishery Management Plan.

Contact: Theresa Tsou
Agency: Washington Department of Fish and Wildlife
Date Initiated: January 1, 2005
Current Year Cost:

2005	**2006**
$ 141,878	$144,128

****

Project Title: Joint Oregon–Washington Ocean Salmon Monitoring

Project and Award Numbers: NA05NMF4051089 and NA06NMF4050099

Purpose: Provide high-quality and timely harvest, stock identification, and stock assessment data. Specific activities include catch sampling, harvest monitoring, tagging of juvenile salmon and recovery of fish tags, and genetic analyses of returning salmon stocks.

Contact: Jennifer Shefler
Agency: Washington Department of Fish and Wildlife
Date Initiated: October 1, 2005
Current Year Cost:

2005	**2006**
$385,140	$381,149

****

SOUTHWEST REGION

****

The NMFS Southwest Region includes three states—Arizona, California, and Nevada. All of the funds available for anadromous fish conservation and most of the funds for interjurisdictional fisheries have been applied to the task of monitoring fishery resources, which includes collecting commercial and recreational landings at various ports, taking biological samples from landed fish, and marking salmon during their upstream migration. The information obtained from these projects is used to make resource assessments, many of which support fishery management plans developed by the Pacific Fishery Management Council in accordance with the Magnuson-Stevens Fishery Conservation and Management Act. Projects include fisheries monitoring in California to support the recently implemented Coastal Pelagic Species Fishery Management Plan developed by the Pacific Fishery Management Council, and port sampling of recreational and commercial salmon in California in support of the Council's Pacific Salmon Fishery Management Plan.
****

Anadromous Fish Conservation Act

CALIFORNIA

Project Title: Salmon and Steelhead Research, Management and Enhancement Project

Project and Award Numbers: NA03NMF4050319

Purpose: To provide data for the management of salmon and steelhead fisheries in the ocean and Klamath River Basin.

Contact: Mark Hampton
Agency: California Department of Fish and Game
Date Initiated: 2003
Current Year Cost:

2005	**2006**
$ 277,179	$ 274,529

****

Interjurisdictional Fisheries Act

Project Title: Monitoring and Management of California Commercial Coastal Pelagic Species

Project and Award Numbers: NA03NMF4070201

Purpose: To collect, compile, and maintain resource and fishery information necessary for the protection, development, and maintenance of California commercial coastal pelagic fish resources and their associated fisheries.

Contact: Dale Sweetnam
Agency: California Department of Fish and Game
Date Initiated: 2003
Current Year Cost:

2005	**2006**
$ 141,878	$ 144,128

****

PACIFIC ISLANDS REGION

****

The Pacific Islands Region includes the U.S. jurisdictional areas of American Samoa, Hawaii, Guam, and Commonwealth of the Northern Mariana Islands, as well as international areas of interest such as the Republic of the Marshall Islands, Federated States of Micronesia, and the Republic of Palau.

Interjurisdictional Fisheries Act

AMERICAN SAMOA

Project Title: Interjurisdictional Fisheries Funding for American Samoa

Project and Award Numbers: NA04NMF4070128

Purpose: The Department of Marine and Wildlife Resources is funded to assess and monitor the status of the interjurisdictional fish species caught within American Samoa's Exclusive Economic Zone. The data obtained will be one of the main sources of information for addressing local and federal requirements of fishery management plans under the jurisdiction of the American Samoa Department of Marine and Wildlife Resources and NMFS through the Western Pacific Fishery Management Council.

Contact: Ray Tulafono
Agency: American Samoa Government – Department of Marine and Wildlife Resources
Date Initiated: October 1, 2004
Current Year Cost:

2005	**2006**
$ 141,878	$ 138,048

****

HAWAII

Project Title: Interjurisdictional Funding for the Modification and Maintenance of the Web-based Internet Commercial Marine Licensing System (CLMS) for the State of Hawaii

Project and Award Numbers: NA04NMF4070127

Purpose: The goal of the project in Hawaii is to properly maintain and upgrade all of the

licensing workstations and Internet applications. This enables the Department of Aquatic Resources (DAR) to serve commercial fishermen by issuing fishing licenses over-the-counter or by mail and provide the convenience of online license issuance services to the public around the clock. DAR will be able to increase its license issuance coverage and compliance with the fishing report requirement, and provide a more comprehensive collection of fisheries data.

Contact: Reginald Kokubun
Agency: State of Hawaii, Department of Land and Natural Resources, Division of Aquatic Resources
Date Initiated: 2004
Current Year Cost:

2005	**2006**
$ 23,646	$ 23,645

****

COMMONWEALTH OF THE NORTHERN MARIANA ISLANDS (CNMI)

Project Title: Interjurisdictional Fisheries Funding for the Commonwealth of the Northern Mariana Islands

Project and Award Numbers: NA04NMF4070129

Purpose: The IFA project in the CNMI is focused on collecting and computerizing fisheries-dependent data from the domestic fisheries of Saipan. The information is provided each quarter to the NMFS Pacific Islands Science Center in a standard database format. The monitoring program includes the Northern Islands Bottomfish Complex and the Longline Landings Sampling.

Contact: Sylvan Igisomar
Agency: CNMI Department of Land and Natural Resources – Division of Fish and Wildlife
Date Initiated: 2004
Current Year Cost:

2005	**2006**
$ 11,823	$ 11,823

****

GUAM

Project Title: Data Collection and Entry in the Management of Guam's Interjurisdictional Fishery Resources

Project and Award Numbers: NA04NMF4070130

Purpose: The Guam IFA grant is funding the collection of data on the stocks of billfish and other pelagic species in Guam's interjurisdictional zone. The information collected from trans-shipment logs are reported to the NMFS Pacific Islands Science Center in a standard database format. Data will enable NOAA and Guam to manage the fishery resources within Guam's EEZ.

Contact: Alberto Lamorena
Agency: Government of Guam – Bureau of Statistics and Plans
Date Initiated: 2004
Current Year Cost:

2005	**2006**
$ 11,823	$ 11,823

****

ALASKA REGION

****

The Alaska Region encompasses over half the U.S. maritime coastline. Harvest levels of over 5 billion pounds in 2003 and comparable total projections for 2004 continue to place Alaska among the top 10 world seafood producers. Alaskan waters support the largest U.S. fishery resource, with a combined seafood harvest of almost half the total U.S. production. Within the state, the seafood industry is the largest private-sector employer, creating one-fifth of all Alaska jobs. In addition to commercial harvest, the charter and recreational fishery in Alaska continues to expand and gain prominence as a significant contributor to the state's economy. In coastal Alaska and interior river communities, residents depend heavily on the subsistence salmon fishery. Economic activities related to Alaska's marine resources have a substantial impact on the state's dispersed population. The dominance of fishery-related employment in the state and the importance of fishing to the subsistence economies of rural Alaska create considerable demands on the resource management process.

****

ANADROMOUS FISH CONSERVATION ACT

ALASKA

Project Title: Southeast Alaska Anadromous Salmon Research

Project and Award Number: NA004NMF405174

Purpose: This award will continue important salmon research in Southeast Alaska by completing the following four sub-projects: Pink and Chum Salmon Stock Evaluation Program, Coho Salmon Research, Salmon Catch Sampling Project, and Troll Fishery Management Methods Research.

Contact: Cecilia A. Wagoner
Agency: Alaska Department of Fish and Game
Date Initiated: 2004
Current Year Cost:

2005	**2006**
$ 310.855	$ 307,597

****

WASHINGTON

Project Title: Chignik Sockeye Studies

Project and Award Number: NA06NMF4050069

Purpose: This project will continue studies and annual measurement of Chignik Alaska sockeye salmon stocks. This work results in a long-term database with which to evaluate changes in the production of adult sockeye salmon from the Chignik lakes and a means of stabilizing or increasing production.

Contact: Ray W. Hilborn
Agency: University of Washington
Date Initiated: 2004
Current Year Cost:

2005	**2006**
$ 30,000	$ 30,000

****

INTERJURISDICTIONAL FISHERIES ACT

ALASKA

Project Title: Southeast Alaska Interjurisdictional Fisheries Act

Project and Award Number: NA04NMF4070165

Purpose: This project will provide management and research supervision of state-managed fisheries—primarily for sablefish, lingcod, and Pacific cod—as well as for demersal shelf rockfish, which is jointly managed with NMFS. The primary supervised activities include collection of fishery catch statistics, collection of biological and stock status information, stock assessment surveys, and management actions to open and close fisheries.

Contact: Cecilia A. Wagoner
Agency: Alaska Department of Fish and Game
Current Year Cost:

2005	**2006**
$ 141,878	$ 144,128

****