

## SCIENTIFIC MANAGEMENT UNDER GEM AND LINGERING OIL PROGRAMS

Project Number: 040630/040630A

Restoration Category: Research/Monitoring

Proposer: Restoration Office / Trustee Council

Lead Trustee Agency: ADF&G (Restoration Office)

Cooperating Agencies: All

Alaska SeaLife Center: No

Duration: Ongoing

Cost FY 04: \$391.6 (\$639.9 without NOS funding)

Cost FY 05: \$ Approximately same

Geographic Area: Spill area wide

Injured Resource/Service: All injured resources and services

### ABSTRACT

This project will provide scientific oversight of the Gulf of Alaska Ecosystem Monitoring and Research (GEM) program and of lingering effects of oil on injured resources. Implementation will be based on the GEM Program Document (GPD), which describes how a network of monitoring and supporting activities will be implemented over a five-year period that started in FY 03 using synthesis, research, and modeling, and how the results will be captured and communicated through data management and information transfer. In FY 04, the project will support the Scientific and Technical Advisory Committee (STAC), three GEM subcommittees (habitat, data management and lingering oil), four workshops for developing GEM and other aspects of the scientific review process, provide peer review recommendations and scientific support for the existing Work Plan, Annual Reports and Final Reports, develop the FY05 *Invitation to Submit Proposals*, continue developing a “State of the Gulf Report” and provide regional input to a status report on North Pacific resources now being developed by PICES.

## INTRODUCTION

In conjunction with the 10<sup>th</sup> anniversary of the 1989 *Exxon Valdez* oil spill, the Trustee Council, in March 1999, formally dedicated a portion of the Restoration Reserve to long-term monitoring and research in the spill area and adjacent northern Gulf of Alaska. This project will continue planning for implementing the Trustee Council's vision, now known as the Gulf of Alaska Ecosystem Monitoring and Research program (GEM). In FY 00 a draft scoping document, the Draft GEM Science Program (April 2000), was developed and submitted to the National Research Council (NRC) for preliminary review. This report was preceded and followed by an extensive public involvement process. Meetings to gather advice on the content and future of GEM were held in communities throughout the spill-affected region with stakeholder groups, Alaska Native organizations and tribes, state and federal policy makers, and scientists. This consultation continued into FY 01 with a statewide GEM workshop that drew attendance from throughout the U.S. Building on ideas from the consultations, the workshop and preliminary NRC recommendations, the draft GEM Program Document (GPD), including a draft monitoring and research plan, was produced and forwarded to the NRC for its review in August 2001. The NRC's final report was received in May 2002, revisions to the GEM Program Document were made, and final approval by the Trustee Council was received in July 2002. In FY 04, this project will support the Scientific and Advisory committee (STAC), three subcommittees (habitat data management and information transfer and lingering oil effects), up to four workshops for GEM development, and other aspects of the scientific review and advisory process; support implementation efforts for Alaska Ocean Observing System, AOOS, (formerly CAOS); provide peer review recommendations and scientific support for the existing Work Plan, Annual Reports and Final Reports; develop the FY05 *Invitation to Submit Proposals*; provide peer review recommendations and scientific support for the new FY 05 Work Plan; continue developing a "State of the Gulf Report" as well as regional input to a status report on North Pacific resources now being developed by PICES.

## NEED FOR THE PROJECT

### A. Statement of the Problem

In order for the Trustee Council's vision for GEM to be implemented over a five-year period started in FY 03, the following six activities need to be completed in FY 04: 1) support the STAC, three subcommittees (habitat, data management and lingering oil), and up to four workshops necessary to GEM development, and other aspects of the scientific review and advisory process; 2) support implementation efforts for a Coastal Alaska Ocean Observing System (AOOS); 3) provide peer review recommendations and scientific support for the existing Work Plan, Annual Reports and Final Reports; 4) develop the FY05 *Invitation to Submit Proposals*; 5) support peer review and scientific review process for the FY 05 Work Plan; 6) continue development of "State of the Gulf Report" as well as regional input to a status report on North Pacific resources now being developed by PICES.

## **B. Rationale/Link to Restoration**

In deciding to allocate a significant portion of the Restoration Reserve for long-term monitoring and research, the Trustee Council explicitly recognized that complete recovery from the oil spill will not occur for decades and that long-term observation and, possibly, restoration actions are needed if injured resources and services are to be fully restored. The Council further recognized that conservation and improved management of these resources and services will require a substantial ongoing investment to improve understanding of the biology and marine and coastal ecosystems that support the services as well as the people of the spill region. Hence, the Council made a commitment to development of a long-term monitoring and research program for the spill region that will inform and promote the full recovery and restoration, conservation, and improved management of spill-area resources.

## **C. Location**

The transition to the GEM program will occur primarily at the Trustee Council's Office in Anchorage, with input from spill-area communities and key experts outside Alaska. Monitoring and research carried out under GEM will take place mostly in the coastal and marine environment within the oil spill area and, to the extent necessary, in adjacent parts of the northern Gulf of Alaska.

## **COMMUNITY INVOLVEMENT AND TRADITIONAL ECOLOGICAL KNOWLEDGE**

The incorporation of substantial community involvement and use of traditional ecological knowledge into the overall GEM program is an important goal and strategy to be addressed during this phase of planning for the GEM project. Trustee Council staff will work closely with the Public Advisory Committee, tribes, stakeholder groups, and other members of the public in order to ensure that community interests are well represented in the plans for long-term monitoring and research. Community and TEK experts will be included as committees and work groups are developed and will be encouraged to participate in workshops as the program develops.

## **PROJECT DESIGN**

### **A. Objectives**

Specific objectives are to:

- 1) Support the Scientific and Advisory committee (STAC), two subcommittees (habitat and data management), workshops necessary to GEM development, and other aspects of the scientific review and advisory process:
  - a) Provide scientific guidance and support to the Scientific and Technical Advisory Committee (STAC), the habitat and data management subcommittees, work

groups, and maintain and enhance procedures for peer review and proposal solicitations.

- b) Maintain the GEM Program Document and associated databases, and publish the GEM Scientific background
  - c) Provide scientific support to the committees in furthering development of the GEM Monitoring and Research Science Plan; including updating and maintaining the GEM gap analysis database and GEM ProCite bibliographies, and holding as many as four workshops necessary to GEM development.
  - d) Assist Data Systems Manager in developing and implementing data and information policies and procedures.
  - e) Work with tribes, stakeholders, interested community groups, and existing community-based projects to develop meaningful ways to incorporate traditional ecological knowledge and community involvement and resource management applications into the program.
  - f) Consult and coordinate with other marine research efforts to develop a network of partnerships to complement core monitoring efforts, aid in the peer review process, and expand the scope of the GEM Program. Anticipated partners include NEP GLOBEC, USGOOS, CORE, PICES, NPRB, NPAFC, AAAS, the Northern Fund, World Fisheries Congress, and others.
- 2) Support implementation of the Alaska Ocean Observing System, AOOS (formerly CAOS);
  - 3) provide peer review recommendations and scientific support for the existing Work Plan, Annual Reports and Final Reports;
  - 4) Develop the FY05 *Invitation to Submit Proposals*;
  - 5) Provide peer review and scientific support for the FY 05 Work Plan;
  - 6) Continue developing a “State of the Gulf Report” as well as regional input to a status report on North Pacific resources now being developed by PICES.

## B. Methods

The methods described below are organized by project objective (in parentheses):

- 1) Support the Scientific and Advisory committee (STAC), two subcommittees (habitat and data management), four workshops necessary to GEM development, and other aspects of the scientific review and advisory process.

This objective will take the combined efforts of the Science Director and Science Coordinator in concluding the transition to the GEM Program. During FY 03, all the administrative functions of the program were reviewed (procedures for issuing invitation for proposals, receiving and reviewing proposals, reporting requirements, project management, etc.). The Trustee Council adopted significant changes in these procedures and policies in FY 03 in order to streamline the program, increase efficiency through automation of repetitive tasks, reduce costs, and ensure public input and involvement and scientific credibility. The office will continue this process in FY 04.

- a. Provide scientific guidance and support in working with the Scientific and Technical Advisory Committee (STAC), Habitat, Data Management, and Lingering Oil subcommittees, and work groups. Staff will be instrumental in

refining the processes, locating replacement members when needed, and supporting development of the subcommittees. In addition, the Science Director will provide guidance and direction to the Data Systems Manager's efforts to test and refine automated procedures for peer review and proposal solicitations.

- b. Provide scientific support to the subcommittees in furthering development of the GEM Monitoring and Research Science Plan. This will include organizing subcommittee activities and arranging meeting agendas as needed and improving and maintaining the GEM gap analysis database, the GEM and Trustee Council ProCite bibliographies and supporting document collections.
- c. Organize and hold up to four workshops as may be identified by the STAC as necessary for the development of GEM. Workshops are essential part of the GEM program in bringing communities and scientists together to solve problems of mutual interest. Workshops are expected to be needed to clarify aspects of work needing to be done in the habitat types, modeling, lingering oil, data management, community involvement, management applications, and other areas. Work shops are recommended by the STAC, the subcommittees and the Science Director in response to questions raised during review of proposals and reports.
- d. Guide and Direct the Data Systems Manager in implementing data and information policies and procedures. Automation of the Science Management Program to minimize costs and assuring quality data management are priorities for the GEM Program.
- e. Work with tribes, stakeholders, interested community groups, and existing community-based projects to develop meaningful ways to incorporate traditional ecological knowledge, community involvement, and resource management applications into the program. The Science Coordinator will support and participate in the efforts of ongoing projects and planning efforts, and review all project proposals for opportunities for TEK, community involvement and resource management applicability.
- f. Consult and coordinate with other marine research efforts.
  - i. Develop a network of partnerships. This will be accomplished through participation in CORE and PICES, active memberships on the Alaska SeaLife Center Scientific Advisory Committee, the Science Coordination Panel of the Southeast Sustainable Salmon Fund, the Board of the North Pacific Research Board, the PICES MONITOR Task Team, and the US GOOS Steering Committee, and by attending and making presentations on GEM at meetings of scientific organizations and other marine research institutions including NEP-GLOBEC, NPAFC, AFS, AAAS, AGU, ASLO, KBRR, PWSSC-OSRI, and at academic institutions such as UAF and UAA. In addition, staff will support efforts to establish a formal Memorandum of Agreement with other research and monitoring entities at the Trustee Council's direction.
  - ii. Assist with other meetings. The Trustee Council is frequently asked to contribute to the costs of GEM-related scientific and policy meetings and symposia. Participation in this manner greatly aids in building partnerships. In FY 04 these include the PICES MONITOR meeting, a

joint meeting with the North Pacific Research Board, and planning for the World Fisheries Congress in 2004.

- 2) Continue planning efforts for the Alaska Ocean Observing System, AOOS (formerly CAOS). Science Coordinator provides technical expertise and information on GEM activities to the AOOS as a member of the AOOS Implementation (Science Committee), and serves as advisor to the Science Director, who will participate in developing AOOS as a member of the Governance Committee of AOOS.
- 3) Provide peer review recommendations and scientific management for the existing Work Plan. The Science Coordinator provides the daily management of the technical peer review process for all proposals, under the guidance and direction of the Science Director, with the assistance of the Administrative Assistant and support from the Programmer Analyst. The Science Coordinator, in cooperation with the Data Systems Manager will provide “staff” recommendations to the STAC. The Science Coordinator in cooperation with other EVOSTC staff will support STAC review of proposals.
- 4) Develop the FY05 Invitation to Submit Proposals, in consultation with the STAC, the Habitat, Data Management and Lingering Oil subcommittees, the Public Advisory Committee, and other entities.
- 5) Provide peer review recommendations and scientific support for the FY 04 Work Plan, as in (2) above.
- 6) Continue development of a “State of the Gulf Report” and provide regional input to a status report on the North Pacific. Working in cooperation with the PICES Secretariat and PICES members, begin developing the “State of the Gulf Report” as part of a larger north Pacific effort now being organized and coordinated by the PICES Secretariat.

### **C. Cooperating Agencies, Contracts, and Other Agency Assistance**

Federal and state resource agencies will be actively involved in further development of GEM, as will other institutions, particularly the scientific committees involved with planning and implementing monitoring and research in the North Pacific Ocean. These include, for example, the North Pacific Research Board, the North Pacific Marine Science Organization (PICES), the North Pacific Anadromous Fish Commission (NPAFC), the Northern Fund, the Southeast Sustainable Salmon Fund, the Global Oceans Ecosystems Dynamics (GLOBEC) Northeast Pacific Project funded by NOAA and NSF, the Ocean Carrying Capacity (OCC) study of the National Marine Fisheries Service (NMFS), the Fisheries and Oceanography Coordinated Investigations (FOCI) of NMFS-PMEL, and other NOAA entities.

## **SCHEDULE**

### **A. Measurable Project Tasks**

- October 2003: Present draft FY 04 Work Plan to Council for adoption
- October 2003: Participate in PICES MONITOR task team meeting to develop contents of the State of the Gulf and State of the North Pacific Reports
- October 2003: Initiate development of FY 05 Invitation and solicit comments on Science Plan

November 2003: Receive and organize comments on Invitation and Science Plan and distribute to PAC, STAC, and subcommittees

November 2003: Review and update gap analysis database

January 2004: Hold joint meeting of Public Advisory Committee and Habitat Subcommittee.

January 2004: EVOS Annual Meeting in conjunction with NPRB

January 2004: STAC meeting on FY 05 Science Plan and Invitation

February 2004: Issue FY 05 Invitation for proposals

March 2004: Review and improve peer reviewer database in preparation for FY 04 proposal review process.

March 2004: Issue inquiry of interest and availability for peer review

April 2004: Receive proposals for FY 05 and distribute to STAC

April 2004: Process FY 04 proposals, conduct peer review of proposals, develop staff comments on proposals, assign STAC members to review proposals.

May 2004: Distribute peer reviews to STAC

May 2004: STAC meeting to review of FY 05 proposals and develop recommendations for FY 04 work plan.

June 2004: Circulate Draft FY 05 Work Plan for review

July 2004: Respond to comments on FY 05 Work Plan, produce Council's draft

August 2004: Present draft FY 05 Work Plan to Council for adoption

September 2004: Initiate development of FY 06 Invitation and solicit comments on Science Plan

## **B. Project Milestones and Endpoints**

Objective 1: STAC recommendations for FY 05 projects. Obtain recommendations for FY 04-05 Science Plans and Invitations from PICES MONITOR Task Team meeting. Obtain STAC and subcommittee recommendations on FY 05 Invitation for Proposals and Science Plan. Obtain recommendations for FY 05 Invitations and Science Plan from workshops when necessary.

Objective 2: Implementation of AOOS office, database and project planning activities

Objective 3: Scientific recommendations for FY 04 Work Plan

Objective 4: Develop the FY04 *Invitation to Submit Proposals*.

Objective 5: Peer review recommendations and scientific support for the FY 05 GEM Work Plan.

Objective 6: Continued development of "State of the Gulf Report" and pilot status report on the North Pacific now being developed by PICES.

## **C. Completion Date**

This project provides ongoing scientific support and management for the GEM and Lingering Oil Programs.

## **PUBLICATIONS AND REPORTS**

The products of this project will be the FY 05 Invitation for Proposals, the FY 04-05 Work Plan, a report on the FY 04 peer review process, continued development of the GEM Science Plan, reports or memoranda summarizing the outcome of the four workshops, occasional reports and memoranda from the STAC and subcommittees, and the beginnings of a State of the Gulf Report. No additional reports will be required and no additional publications are expected.

## **PROFESSIONAL CONFERENCES**

For the purposes of coordination with, and dissemination of information to, other scientists the GEM Program will use the annual PICES and NPAFC meetings, the U.S. GOOS Steering Committee meetings, GLOBEC principal investigators meetings, the American Fisheries Society National Meeting, and other local and regional scientific meetings. Attendance at additional professional conferences may be required for coordination and integration with other programs.

## **NORMAL AGENCY MANAGEMENT**

A program providing coordinated and integrated long-term monitoring and research is beyond the normal management capacity of federal and state agencies.

## **COORDINATION AND INTEGRATION OF RESTORATION EFFORT**

This project will be fully coordinated with and among Trustee agencies, scientific peer reviewers, the Public Advisory Committee, and other regional monitoring and research efforts.

## **PROPOSED PRINCIPAL INVESTIGATORS**

Dr. Phil Mundy, Science Director  
*Exxon Valdez* Oil Spill Trustee Council  
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Dr. Robert Spies, Chair  
Lingering Oil Effects Subcommittee  
*Exxon Valdez* Oil Spill Trustee Council  
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Dr. Mundy has 29 years of experience as a fisheries scientist, including 25 years in Alaskan fisheries research and management. As Science Director, Phil has been key to development of the Gulf Ecosystem Monitoring (GEM) program. He has worked as a reviewer of research on the oil spill since 1989.

Dr. Spies has 35 years of experience as a scientist in marine ecology, marine pollution and toxicology, the effects of petroleum on marine organisms, and benthic ecology. He is president of Applied Marine Sciences, Inc. and has been the Trustee Council's Chief Scientist since 1991.

## **Project 040630 – BUDGET JUSTIFICATION**

### **ADF&G/Trustee Council Office Component**

#### **Personnel (\$18.6)**

Science Coordinator (3 months salary at Range 20 Step B, \$18.6) (NOS grant provides 9 months of salary, \$55.8) - Position currently vacant. Intend to hire; position description needs to be finalized with new Executive Director. Budgeted amount assumes full-time position is filled by Oct. 1, 2003 at a Range 20 Step B.

#### **Travel (\$120.6)**

TC Office science staff (\$16.7) – Based on FY 03 actual expenses, which included travel to Fairbanks, Juneau, Kodiak, Cordova, Homer, Seward, Seattle, Washington D.C., Seoul Korea, and Vancouver Canada to participate in various PICES, lingering oil, GLOBEC leadership, World Ocean, American Fisheries workshops and meetings.

STAC (\$6.4) (NOS grant \$8.0) – Based on FY 03 actual expenses, which included Scientific Advisory Committee members travel to proposal review meeting, Annual Workshop, subcommittee, Public Advisory Committee and GEM planning meetings.

Subcommittee meetings, GEM planning meetings, workshops (\$39.5) – Based on FY 03 actual expenses, which include travel expenses for 10 out of town Habitat and GEM subcommittees members, workshop panelists and speakers.

Modeling meetings, (\$64.2) - Travel estimated for 48 people to attend four workshops at the EVOS office in Anchorage to assist staff to develop a modeling report. See memo to the Trustee Council dated December 2, 2003, regarding Final details on the FY 2004 Work Plan requiring your action.

#### **Contractual (\$173.8)**

Annual Workshop (\$23.0) – Based on actual costs in each of the last several years. Funds are primarily for space rental, which is competitively bid and typically includes some meals and conference equipment (e.g., rental of computer projectors, microphones, etc.). Budgeted amount assumes no workshop registration fee.

State of the North Pacific Report for PICES (\$16.6) – Assumes continuation of current contract with PICES. Funds are for finalizing and publishing the North Pacific Ecosystem Final Status Report and supporting PICES meetings concerning the report.

STAC compensation (\$10.0) (NOS grant \$40.0) – Based on actual costs in FY 03. STAC members are paid for their time, which averaged roughly 20 days each in FY 03 (primarily for proposal review and participation in workshops).

Space rental for STAC subcommittees and workshops (\$12.2) – Assumes 4 off-site meetings with room rental space of \$3.5 per meeting. These funds may be reduced when arrangements can be made for donated space, which is normally used whenever available.

AOOS support (\$32.0) – TC would contribute this amount to implementation of the Alaska Ocean Observing System. AOOS total annual budget is roughly \$200.0, with balance contributed by grant from NOAA/NOS and other participating organizations.

World Fisheries Congress (\$5.0) (WFC) meeting support – In FY 03, TC approved \$5.0 for developing the WFC's 2004 meeting (to be held May 4-6, 2004 in Vancouver, BC) and committed to additional \$5.0 to support meeting costs in FY 04.

Publication of GEM Scientific Background (\$75.0) – This is a one-time expense for an Alaska Sea Grant publication. This budget item may be more appropriate as a separate project in FY 04 than as part of the 040630 budget. Costs are expected to be offset by donation of peer review services resulting from better recognition of GEM in the scientific community.

#### Commodities (\$2.7)

Software upgrades (\$2.7) – Annual expense. Amount based on prior year expenditures.

#### **ADNR Component**

##### Contractual (\$95.0)

Dr. Spies contract (\$95.0) – Dr. Spies will continue to serve as the Chairman of the STAC Subcommittee on Lingering Oil. Budget estimate is based FY 03 expenditures, but actual amount depends on services actually provided.

##### USGS/DOI Component (\$12.8)

Personnel (\$12.8) – As in FY 03, Dede Bohn/USGS EVOS Project Manager, would coordinate up to 4 workshops, as identified by the STAC and Science Director in the course of review of FY 04 proposals, incoming reports, and other information.

**FY 04 EXXON VALDEZ TRUSTEE COUNCIL PROJECT BUDGET**

October 1, 2003 - September 30, 2004

Budget Category:	Authorized FY 03	Proposed FY 04	PROPOSED FY 03 TRUSTEE AGENCIES TOTALS					
			ADEC	ADF&G	ADNR	USFS	DOI	NOAA
				\$344.1	\$103.6		\$13.9	
Personnel	\$74.4	\$18.6						
Travel	\$127.8	\$120.6						
Contractual	\$302.0	\$281.6						
Commodities	\$2.7	\$2.7						
Equipment	\$0.0	\$0.0	LONG RANGE FUNDING REQUIREMENTS					
Subtotal	\$506.9	\$423.5	Estimated					
General Administration	\$45.6	\$38.1	FY 2005					
Project Total	\$552.5	\$461.6	\$461.6					
Full-time Equivalents (FTE)								
Other Resources								
Dollar amounts are shown in thousands of dollars.								

Comments:  
Personnel assumes NOS funding of Science Coordinator for 9 months

PREPARED 07/16/03

**FY04**

Project Number: 040630  
Project Title: Scientific Management for GEM and Lingering Oil Programs  
Lead Agency: ADFG/Trustee Council Office

FORM 2A  
MULTI-TRUSTEE  
AGENCY

**FY 04 EXXON VALDEZ TRUSTEE COUNCIL PROJECT BUDGET**

October 1, 2003 - September 30, 2004

<b>Budget Category:</b>	Authorized FY 03	Proposed FY 04					
Personnel	\$74.4	\$18.6					
Travel	\$127.8	\$120.6					
Contractual	\$194.2	\$173.8					
Commodities	\$2.7	\$2.7					
Equipment	\$0.0	\$0.0	LONG RANGE FUNDING REQUIREMENTS				
Subtotal	\$399.1	\$315.7					
General Administration	\$35.8	\$28.4					
Project Total	\$434.9	\$344.1					
Full-time Equivalents (FTE)							
Dollar amounts are shown in thousands of dollars.							
Other Resources							
Comments:							
<p>Additional travel approved at the February 9, 2004 Trustee Council meeting to pay for 48 people to attend four modeling workshop based at the EVOS office in Anchorage (see justification for explanation) \$64.2.</p>							
<b>FY04</b>		Project Number: 040630 Project Title: Scientific Management for GEM and Lingering Oil Programs Agency: ADFG/Trustee Council Office				FORM 3A TRUSTEE AGENCY SUMMARY	

**FY 04 EXXON VALDEZ TRUSTEE COUNCIL PROJECT BUDGET**

October 1, 2003 - September 30, 2004

<b>Personnel Costs:</b>		GS/Range/ Step	Months Budgeted	Monthly Costs	Overtime	Proposed FY 04	
Name	Position Description						
Vacant	Science Coordinator		3.0	6.2		0.0 18.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
<b>Subtotal</b>			3.0	6.2	0.0	<b>\$18.6</b>	
<b>Personnel Total</b>						<b>\$18.6</b>	
<b>Travel Costs:</b>		Ticket Price	Round Trips	Total Days	Daily Per Diem	Proposed FY 04	
Description							
Travel for Trustee Council Office science staff as needed						10.5	
Travel for STAC						6.4	
Travel for PICES and MONITOR meetings						0.0	
Travel for subcommittee meetings, GEM planning meetings, workshops						39.5	
Habitat subcommittee meeting travel - \$14.5						0.0	
Workshop travel - \$25.0						0.0	
Travel for 48 people to travel to Anchorage to attend modeling workshops - Approve February 9, 2004						64.2	
						0.0	
						0.0	
						0.0	
						0.0	
						0.0	
<b>Travel Total</b>						<b>\$120.6</b>	
<b>FY04</b>		Project Number: 040630 Project Title: Scientific Management for GEM and Lingering Oil Programs Agency: ADFG/Trustee Council Office				<b>FORM 3B Personnel &amp; Travel DETAIL</b>	

**FY 04 EXXON VALDEZ TRUSTEE COUNCIL PROJECT BUDGET**

October 1, 2003 - September 30, 2004

<b>Contractual Costs:</b>		Proposed
Description		FY 04
Annual Workshop (January 2004 with GLOBEC and Steller Sea Lion Investigations)		23.0
State of the North Pacific Report for PICES, Gulf of Alaska component		16.6
STAC compensation		10.0
4 STAC/Subcommittee workshops		12.2
AOOS Support (RSA with the University of Alaska)		32.0
World Fisheries Congress Meeting Support		5.0
Alaska Sea Grant Publication of GEM Scientific Background		75.0
<b>Contractual Total</b>		<b>\$173.8</b>
When a non-trustee organization is used, the form 4A is required.		
<b>Commodities Costs:</b>		Proposed
Description		FY 04
Software upgrades		2.7
<b>Commodities Total</b>		<b>\$2.7</b>
<b>FY04</b>	Project Number:040630 Project Title: Scientific Management for GEM and Lingering Oil Programs Agency: ADFG/Trustee Council Office	FORM 3B Contractual & Commodities

**FY 04 EXXON VALDEZ TRUSTEE COUNCIL PROJECT BUDGET**

October 1, 2003 - September 30, 2004

New Equipment Purchases:		Number of Units	Unit Price	Proposed
Description				FY 04
				0.0
				0.0
				0.0
				0.0
				0.0
				0.0
				0.0
				0.0
				0.0
				0.0
				0.0
				0.0
Those purchases associated with replacement equipment should be indicated by placement of an R.			<b>New Equipment Total</b>	\$0.0
Existing Equipment Usage:		Number of Units	Inventory Agency	
Description				

  

<b>FY04</b>	Project Number: 040630 Project Title: Scientific Management for GEM and Lingering Oil Programs Agency: ADFG/Trustee Council Office	FORM 3B Equipment DETAIL
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**FY 04 EXXON VALDEZ TRUSTEE COUNCIL PROJECT BUDGET**

October 1, 2003 - September 30, 2004

<b>Budget Category:</b>	Authorized FY 03	Proposed FY 04																				
Personnel	\$0.0	\$0.0																				
Travel	\$0.0	\$0.0																				
Contractual	\$95.0	\$95.0																				
Commodities	\$0.0	\$0.0																				
Equipment	\$0.0	\$0.0																				
Subtotal	\$95.0	\$95.0						LONG RANGE FUNDING REQUIREMENTS														
General Administration	\$8.6	\$8.6																				
Project Total	\$103.6	\$103.6																				
Full-time Equivalents (FTE)																						
Dollar amounts are shown in thousands of dollars.																						
Other Resources																						
Comments:																						
<b>FY04</b>	Project Number: 040630 Project Title: Scientific Management for GEM and Lingering Oil Programs Agency: ADNR					FORM 3A TRUSTEE AGENCY SUMMARY																

**FY 04 EXXON VALDEZ TRUSTEE COUNCIL PROJECT BUDGET**

October 1, 2003 - September 30, 2004

<b>Personnel Costs:</b>		GS/Range/ Step	Months Budgeted	Monthly Costs	Overtime	Proposed FY 04	
Name	Position Description						
						0.0	
						0.0	
						0.0	
						0.0	
						0.0	
						0.0	
						0.0	
						0.0	
						0.0	
						0.0	
						0.0	
<b>Subtotal</b>			0.0	0.0	0.0		
<b>Personnel Total</b>						<b>\$0.0</b>	
<b>Travel Costs:</b>		Ticket Price	Round Trips	Total Days	Daily Per Diem	Proposed FY 04	
Description							
						0.0	
						0.0	
						0.0	
						0.0	
						0.0	
						0.0	
						0.0	
						0.0	
						0.0	
						0.0	
						0.0	
						0.0	
<b>Travel Total</b>						<b>\$0.0</b>	
<b>FY04</b>		Project Number: 040630 Project Title: Scientific Management for GEM and Lingering Oil Programs Agency: ADNR				FORM 3B Personnel & Travel DETAIL	

**FY 04 EXXON VALDEZ TRUSTEE COUNCIL PROJECT BUDGET**

October 1, 2003 - September 30, 2004

<b>Contractual Costs:</b>		Proposed
Description		FY 04
Applied Marine Sciences (Dr. Robert Spies) for scientific oversight of lingering oil effects (including lingering oil subcommittee travel)		95.0
When a non-trustee organization is used, the form 4A is required.		<b>Contractual Total</b>
		\$95.0
<b>Commodities Costs:</b>		Proposed
Description		FY 04
		<b>Commodities Total</b>
		\$0.0
<b>FY04</b>	Project Number: 040630 Project Title: Scientific Management for GEM and Lingering Oil Programs Agency: ADNR	FORM 3B Contractual & Commodities

**FY 04 EXXON VALDEZ TRUSTEE COUNCIL PROJECT BUDGET**

October 1, 2003 - September 30, 2004

<b>New Equipment Purchases:</b>	Number of Units	Unit Price	Proposed
Description			FY 04
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
Those purchases associated with replacement equipment should be indicated by placement of an R. <b>New Equipment Total</b>			<b>\$0.0</b>
<b>Existing Equipment Usage:</b>	Number of Units	Inventory	
Description		Agency	

**FY04**

Project Number: 040630  
 Project Title: Scientific Management for GEM and Lingering Oil Programs  
 Agency: ADNR

FORM 3B  
 Equipment  
 DETAIL

**FY 04 EXXON VALDEZ TRUSTEE COUNCIL PROJECT BUDGET**

October 1, 2003 - September 30, 2004

<b>Budget Category:</b>	Authorized FY 03	Proposed FY 04					
Personnel	\$0.0	\$0.0					
Travel	\$0.0	\$0.0					
Contractual	\$12.8	\$12.8					
Commodities	\$0.0	\$0.0					
Equipment	\$0.0	\$0.0	LONG RANGE FUNDING REQUIREMENTS				
Subtotal	\$12.8	\$12.8					
General Administration	\$1.2	\$1.1					
Project Total	\$14.0	\$13.9					
Full-time Equivalents (FTE)							
Dollar amounts are shown in thousands of dollars.							
Other Resources							
Comments:							
<b>FY04</b>	Project Number: 040630 Project Title: Scientific Management for GEM and Lingering Oil Programs Agency: USGS/DOI					FORM 3A TRUSTEE AGENCY SUMMARY	

**FY 04 EXXON VALDEZ TRUSTEE COUNCIL PROJECT BUDGET**

October 1, 2003 - September 30, 2004

<b>Personnel Costs:</b>		GS/Range/ Step	Months Budgeted	Monthly Costs	Overtime	Proposed FY 04
Name	Position Description					
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
<b>Subtotal</b>			0.0	0.0	0.0	0.0
<b>Personnel Total</b>						<b>\$0.0</b>
<b>Travel Costs:</b>		Ticket Price	Round Trips	Total Days	Daily Per Diem	Proposed FY 04
Description						
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
<b>Travel Total</b>						<b>\$0.0</b>
<b>FY04</b>	Project Number: 040630 Project Title: Scientific Management for GEM and Lingering Oil Programs Agency: USGS/DOI				<b>FORM 3B Personnel &amp; Travel DETAIL</b>	

**FY 04 EXXON VALDEZ TRUSTEE COUNCIL PROJECT BUDGET**

October 1, 2003 - September 30, 2004

<b>Contractual Costs:</b>		Proposed
Description		FY 04
2 months of Dede Bohn's Time to coordinate workshops	(Requested in November)	12.8
When a non-trustee organization is used, the form 4A is required.		<b>Contractual Total</b>
		<b>\$12.8</b>
<b>Commodities Costs:</b>		Proposed
Description		FY 04
		<b>Commodities Total</b>
		<b>\$0.0</b>

**FY04**

Project Number: 040630  
 Project Title: Scientific Management for GEM and Lingering Oil Programs  
 Agency: USGS/DOI

FORM 3B  
 Contractual  
 &  
 Commodities

**FY 04 EXXON VALDEZ TRUSTEE COUNCIL PROJECT BUDGET**

October 1, 2003 - September 30, 2004

<b>New Equipment Purchases:</b>		Number of Units	Unit Price	Proposed
Description				FY 04
				0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
Those purchases associated with replacement equipment should be indicated by placement of an R.			<b>New Equipment Total</b>	\$0.0
<b>Existing Equipment Usage:</b>		Number of Units	Inventory Agency	
Description				

FY04

Project Number: 040630  
 Project Title: Scientific Management for GEM and Lingering Oil Programs  
 Agency: USGS/DOI

FORM 3B  
Equipment  
DETAIL