11.16.04

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Exxon Valdez Oil Spill Trustee Council and Public Advisory Committee

Cordova, Alaska

June 11, 2005

Agenda

Exxon Valdez Oil Spill Trustee Council

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

AGENDA
EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL MEETING
June 11, 2005 10:00 a.m.
Masonic Hall, 500 First Street, Cordova, Alaska

DRAFT

Trustee Council Members:

SCOTT NORDSTRAND
Deputy Attorney General
State of Alaska

JAMES BALSIGER
Administrator, Alaska Region
National Marine Fisheries Service

KURT FREDRIKSSON
Commissioner
Alaska Department of
Environmental Conservation

DRUE PEARCE
Senior Advisor to the Secretary
for Alaskan Affairs
U.S. Department of the Interior

MCKIE CAMPBELL
Commissioner
Alaska Department of Fish
and Game

JOE MEADE
Forest Supervisor
U.S. Department of Agriculture
Forest Service

Meeting in Cordova, Native Village of Eyak's Masonic Hall, 500 First Street
_____ Federal Chair

1. Call to Order – 10:00 a.m.
   - Public Advisory Committee Roll Call – Doug Mutter, Designated Federal Officer, DOI

   Consent Agenda
   - Approval of Agenda*
   - Approval of Trustee Council Meeting Notes*
     February 4, 2005
     May 3, 2005

2. Public comment – 10:15 a.m.

3. Executive Director's report
   - Resignation of Bryn Clark/Introduction of new EVOS staff member Carolyn Rosner, Program Director/Research Analyst/ Graphic Artist
   - New EVOS staff member Ruth Bauman, Administrative Assistant/Web Maintenance
   - Updated Overdue Projects Report – Carolyn Rosner, Program Director
   - Bob Baldauf retirement – Certificate and Letter of Appreciation
   - Briefing of new State Trustee Council members
   - Report on April 28, Public Advisory Committee teleconference to approve Herring Synthesis Project

4. Action Items
   - Budget Amendment Request Project 040707* – Brett Huber, ADFG
   - Budget Amendment Request Project 040708* – Dede Bohn, USGS
   - Budget Amendment Request Project 050750* – Dede Bohn, USGS
   - Request to remove five reports from Overdue List* – Carolyn Rosner, EVOS
   - Adoption of revised Investments Policy* – Gary Bader, ADOR and Paula Banks, EVOS
   - Broad Market Fixed Income investments in the Research Account – Gary Bader, ADOR

5. Prince William Sound Science Center Presentations
   - Pacific Herring and the Prince William Sound Ecosystem, by Dr. Richard Thorne
   - The Copper River Estuary as nursery habitat for juvenile fish and crabs, by Drs. Mary Anne Bishop and Sean Powers
   - The Prince William Sound Observing System, by Nancy Bird, Executive Director

Noon working lunch – lunch provided

6. Trustee Council/Public Advisory Committee dialogue
   - John Gerster report on March 18, and April 28, 2005 PAC meetings

Adjourn

* Indicates action items

Following the adjournment the Trustees are excused and the Public Advisory Committee meeting chaired by Dr. John Gerster begins.

Exxon Valdez Oil Spill Trustee Council

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AGENDA

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
PUBLIC ADVISORY COMMITTEE MEETING
June 11, 2005 10:00 a.m.
Masonic Hall, 500 First Street, Cordova, Alaska

DRAFT **DRAFT**

PURPOSE:

- Review FY 2006 project proposals and STAC recommendations
- Make recommendations to Executive Director on FY 2006 project proposals

1. Approval of April 28, 2005 Public Advisory Committee meeting summary

2. Discussion and recommendations on FY 2006 project proposals – Brenda Norcross, STAC, Richard Dworsky, Science Coordinator, EVOS

Adjourn

Feb 4, 2005 meeting notes

Exxon Valdez Oil Spill Trustee Council

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

TRUSTEE COUNCIL MEETING NOTES
Anchorage, Alaska
February 4, 2005

DRAFT DRAFT

Chaired by: James Balsiger
Trustee Council Member

Trustee Council Members Present:

Joe Meade, USFS
Drue Pearce, DOI
•James Balsiger, NMFS
Wayne Regelin, ADF&G **
Kurt Fredriksson, ADEC
Gregg Renkes, ADOL

• Chair
** Doug Mecum alternate for Wayne Regelin

Meeting convened at 9:05 a.m., February 4, 2005 in Anchorage at the EVOS Conference Room.

1. Approval of the Agenda

APPROVED MOTION: Approved the February 4, 2005 agenda (Attachment A)

Motion by Pearce, second by Mecum

2. Approval of the Meeting Notes

APPROVED MOTION: Approved the December 10, 2004 meeting notes (Attachment B)

Motion by Meade, second by Fredriksson

Public comment period began at 9:15 a.m.

Public comment was received from three individuals in Kodiak, Cordova and Homer.

Public comment period closed at 9:27 a.m.

3. Executive Director's Report

APPROVED MOTION: Motion to adopt a 30 minute question and answer dialogue between Public Advisory Committee (PAC) members and the Trustee Council following the public comment period starting at the next Trustee Council meeting

Motion by Meade, second by Pearce

4. Small Parcel Proposal

DEFERRED ACTION: Action on this item was deferred until the next Trustee Council meeting (June 2005) at the request of Fredriksson and concurred by Meade

5. UC Davis invoice

APPROVED MOTION: Motion to approve the use of remaining funds in the amount of $2,343.15 for services rendered by UC Davis associated with project 040362

Motion by Pearce, second by Mecum

6. Consent calendar

APPROVED MOTION: Motion to have the Executive Director look into whether the consent calendar process can be used to combine small items within a single motion

Motion by Pearce, second by Meade

7. Deferral of Science Plan

APPROVED MOTION: Motion to EVOS science staff to defer the update of the Restoration Science Plan in lieu of work in support of the re-evaluation of the status of injured species and completion of additional lingering oil studies, having a draft ready for the August 2005 meeting in preparation for the 2007 Invitation for Proposals

Motion by Fredriksson, second by Mecum

8. Konar Iken project

APPROVED MOTION: Motion to fund a supplemental amount of $17,713 to continue work on project analysis

Motion by Fredriksson, second by Meade

9. Investment Management Fees

APPROVED MOTION: Motion to approve payment of increased investment management fees to the Alaska Department of Revenue

Motion by Renkes, second by Meade

10. Lingering Oil projects

MOTION: Motion to identify that the funding is approved by the Trustee Council with guidance to the State Trustees to move the RFPs forward in rapid order – No Action, quit

Motion by Meade, second by Fredriksson

11. Executive Session

APPROVED MOTION: Motion to move into Executive Session for the purpose of discussing personnel and legal issues

Motion by Pearce, second by Fredriksson

EXECUTIVE SESSION
Off the record: 12:15 p.m.
On the record: 1:00 p.m.

Executive Session

APPROVED MOTION: Motion to move out of Executive Session

Motion by Meade, second by Pearce

12. Lingering Oil project specifications

APPROVED MOTION: Motion to approve the lingering oil projects and proposals presented by the Department of Law as follows: Esler lab analysis and data analysis (project 050777), samples collected in Prince William Sound, funding FY 05 at $39,000; Ballachey and Bodkin, lingering oil and sea otters -- critical needs (amendments to project 040775), funding FY05 at $79,800 and FY 06 at $34,900; $50,000 for an expert review of Pacific herring populations in Prince William Sound; $50,000 for a project to identify and evaluate oil remediation technologies applicable to lingering oil in Prince William Sound. Recipients and lead agencies will be determined following the RFP process to be conducted by the EVOS science staff with appropriate agency assistance.

Motion by Renkes, second by Fredriksson

13. FY 06 Invitation

APPROVED MOTION: Motion to approve the FY 2006 Invitation and directs the Executive Director to complete any final editing changes and that would include one final round of seeing the final draft by the liaisons and then sent out by February 12, 2005

Motion by Pearce, second by Fredriksson

14. Meacham Resolution

APPROVED MOTION: Motion to adopt a resolution recognizing Dr. Meacham's outstanding leadership contribution to the PAC

Motion by Meade, second by Pearce

Meeting adjourned at 3:30 p.m. Motion by Mecum, second by Fredriksson

May 3, 2005 meeting notes

Exxon Valdez Oil Spill Trustee Council

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

TRUSTEE COUNCIL MEETING NOTES
Anchorage, Alaska
May 3, 2005

DRAFT DRAFT

Chaired by: Kurt Fredriksson
Trustee Council Member

Trustee Council Members Present:

Joe Meade, USFS
Drue Pearce, DOI *
James Balsiger, NMFS **
McKie Campbell, ADF&G
•Kurt Fredriksson, ADEC
Scott Nordstrand, ADOL

• Chair
* Cam Toohey alternate for Drue Pearce
** Peter Hagen alternate for James Balsiger

Meeting convened at 1:35 p.m., May 3, 2005 in Anchorage at the EVOS Conference Room.

1. Approval of the Agenda

APPROVED MOTION: Approved the May 3, 2005 agenda (Attachment A)

Motion by Nordstrand, second by Campbell

Public comment period began at 1:40 p.m.

There was no public comment.

Public comment period closed at 1:42 p.m.

3. FY 05 Herring Proposal

APPROVED MOTION: Motion to adopt Resolution 05-03 Regarding FY 05 Funds for Herring Synthesis Project to Rice et al, for a total of $132,024.10, with $101,240.54 conveyed to NOAA and ADF&G in FY 05 and $30,783.56 to ADF&G in FY 06

Motion by Nordstrand, second by Toohey

4. FY 05 Lingering Oil Proposal

APPROVED MOTION: Motion to acknowledge receipt from the Executive Director of the identity of the contractor, Jacqueline Michel, for the Lingering Oil project that was approved by the Council in February 2005

Motion by Nordstrand, second by Toohey

Meeting adjourned at 1:55 p.m. Motion by Campbell, second by Meade

Gail Phillips

From: Gail Phillips
Sent: Wednesday, June 01, 2005 12:50 PM
To: Gail Phillips
Cc: 'John Gerster (jgerster@alaska.net)'
Subject: Items for discussion for the joint TC/PAC dialogue

To the Trustee Council and Public Advisory Committee:

During their April 28th meeting, I requested that the members of the PAC submit a list of items to me that they would like to discuss with the Trustees during the joint dialogue session on June 11th. Following is a list of the questions I received from individual PAC members:

1. How does the TC view the GEM Program and its future?

2. What is the TC's vision of the Community Involvement Program and what kinds of projects does the TC think are most appropriate for future funding?

3. Will the TC honor the established process of approving the Work Plan, i.e. supporting the recommendations of peer reviewers, the STAC, the Science Director or Coordinator and the PAC?

4. What is the TC's view of the EVOS Small Parcel and Habitat Restoration Plan? Is the TC supportive or not supportive of this Plan?

5. What is the status of the contract with Integral Consulting?

6. What is the TC's position on creating and sustaining a healthy marine science network in Alaska? What does the TC understand their role to be in sustaining this marine science network?

In the past, EVOS helped establish the goal of creating marine science institutions in Alaska. Several of these programs are legacies of the spill that continue to support restoration efforts and advancement of marine science overall. Some predate the spill. These include:

U of A Institute of Marine Science
Alaska Sea Life Center
PWSSC and PWSOSRI
Alaska Ocean Observing System
North Pacific Research Board
Fishery Industrial Technology Center
Alutiq Museum.

The Trustees need to be aware of the value their program has had towards sustaining the marine science network in Alaska. Ups and downs of the funding cycle from EVOS (discontinuation of the SEA program and suspension of the GEM program) have caused real headaches for any group trying to keep together a team of scientists, develop long-term data sets without holes and providing continuity in communities.

7. What is the TC's goal or plan for 2007, after the synthesis work is completed?

8. Does the TC plan to continue long-term monitoring projects in the future – in the 2007 Work Plan?

Gail

ALASKA DEPARTMENT OF FISH AND GAME

DIVISION OF COMMERCIAL FISHERIES

MEMORANDUM

TO: Brett W. Huber, Sr.
EVOS Restoration Program Coordinator
Alaska Department of Fish and Game
Anchorage, AK 99501

DATE: March 29, 2005

PHONE: (907) 486-1873
FAX: (907) 486-1841

FROM: Steven G. Honnold
Regional Resource Development Biologist
Division of Commercial Fisheries
Region IV - Kodiak

SUBJECT: Supplemental budget request

Enclosed you will find a supplemental budget request of $37,200 (including $4,400 general administration cost) for Exxon Valdez Oil Spill (EVOS) project 040707, Monitoring the Effects of Anadromous Marine-derived Nutrients on Sockeye Salmon. I am requesting $18,600 for fiscal year 2005 and $18,600 for fiscal year 2006.

This project was funded as a three-year project in November 2003. The EVOS Trustee Council approved Fiscal Year (FY) 2004 funding in the amount of $83,200 for the Alaska Department of Fish and Game (ADF&G) to conduct this project. A similar amount of funding was awarded to the University of Alaska-Fairbanks (UAF) to conduct complimentary work to achieve the same goals and objectives as the ADF&G study. Data collection for this ADF&G and UAF cooperative project was initiated in 2004 at Karluk and Spiridon Lakes on Kodiak Island.

In 2004, about 350 water samples were collected to assess nine lake productivity parameters. In addition, 45 zooplankton samples were collected to assess abundance, weight, and size by taxa. These water and zooplankton samples require over 3,000 separate analyses, of which about half have been completed thus far by one ADF&G biologist. When the FY 04 budget was developed, one biologist working for a five-month period (May through September) was considered adequate to conduct the laboratory analyses. A technician funded from another project was scheduled to assist with glassware preparation and general laboratory duties to enable the biologist to concentrate on the Karluk and Spiridon Lake sample analyses. However, funding for the technician position ended in June 2004, which increased the amount of time required to complete all the laboratory analyses in a timely manner. Therefore, I am requesting EVOS

funding to hire a technician to assist in the laboratory, which will increase the efficiency of laboratory analyses and enable both ADF&G and UAF investigators to report project data in a timely manner. This in turn will assist investigators with attaining the goals and objectives of the project.

Thank you for considering this request. Please contact me with any questions at your convenience.

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 04 - FY 06

PROPOSED SUPPLEMENTAL BUDGET FOR PROJECT 040707

Budget Category:	Proposed FY 04	Proposed FY 05	Proposed FY 06	TOTAL PROPOSED
Personnel	$0.0	$16.4	$16.4	$32.8
Travel	$0.0	$0.0	$0.0	$0.0
Contractual	$0.0	$0.0	$0.0	$0.0
Commodities	$0.0	$0.0	$0.0	$0.0
Equipment	$0.0	$0.0	$0.0	$0.0
Subtotal	$0.0	$16.4	$16.4	$32.8
General Administration (13.5% of Subtotal)	$0.0	$2.2	$2.2	$4.4
Project Total	$0.0	$18.6	$18.6	$37.2

Cost-share Funds (per each fiscal year):

Line 100: PI salaries for work on project, including report writing, -
- 6 mos FB II and 1 mos FB III - $42.0 (ADF&G)
- Technician salaries for Karluk adult weir operation $26.0 (ADF&G)
- Technician salaries for logistics $ 5.0 (Kodiak Regional Aquaculture Association; KRAA)
- Technicians operating smolt project at Spiridon $26.0 (Kodiak Regional Aquaculture Association)

Total line 100: $99.0

Line 300: air charter for the Karluk adult weir and Spiridon smolt programs $10.0 (1/2 ADF&G and 1/2 KRAA)

Line 400: groceries, supplies, for Karluk Adult weir/Spiridon smolt $10.0 (1/2 ADF&G and 1/2 KRAA)
limnology field and lab supplies and equipment $10.0 (ADF&G)

Line 500: ADF&G equipment listed on form 3B - ADF&G $??

All Line items (not including equipment) $129.0

FY 04-06

Date Prepared: 15-Mar-05

Project Number: 040707
Project Title: Monitoring the Effects of Anadromous Marine-Derived Nutrients on Biological Production in Sockeye Salmon Systems
Agency: Alaska Department of Fish and Game

FORM 3A
TRUSTEE
AGENCY
SUMMARY

EXXON VALDEZ OIL[illegible]ILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 04 - FY 06

Personnel Costs:		GS/Range/	Months	Monthly		Personnel
Name	Description	Step	Budgeted	Costs	Overtime	Sum
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
	Subtotal		0.0	0.0	0.0	
					Personnel Total	$0.0

Travel Costs:	Ticket	Round	Total	Daily	Travel
Description	Price	Trips	Days	Per Diem	Sum
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
				Travel Total	$0.0

FY 04

Project Number: 040707
Project Title: Monitoring the Effects of Anadromous Marine Derived Nutrients on Biological Production in Sockeye Salmon Systems
Agency: Alaska Department of Fish and Game

FORM 3B
Personnel
& Travel
DETAIL

Contractual Costs:		Contract Sum
Description		
If a component of the project will be performed under contract, the 4A and 4B forms are required.	**Contractual Total**	$0.0
Commodities Costs:		Commodity Sum
Description		
	Commodities Total	$0.0

FY 04

Project Number: 040707
Project Title: Monitoring the Effects of Anadromous Marine-Derived Nutrients on Biological Production in Sockeye Salmon Systems
Agency: Alaska Department of Fish and Game

FORM 3B
Contractual & Commodities
DETAIL

New Equipment Purchases: Description	Number of Units	Unit Price	Equipment Sum
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
		New Equipment Total	$0.0

Existing Equipment Usage: Description	Units	Description	Number of Units	Inventory Agency
Autoclave dryer	1	Spectrophotometer	1	UAF
autoclave	1	Stereoscope	1	ADF&G
Achilles raft	1	Single side bqnd radio	1	ADF&G
Hansen weatherport building	1	VHF radios	2	ADF&G
Toshiba miroscope tv	1	Satellite phone	1	ADF&G
centrifuge	1	DO/temp meters	2	ADF&G
Personal computer	2	Light meters	2	ADF&G
Garmen GPS	1			ADF&G
Remington 12 g. shotgun	1			ADF&G
Thomas microscope	1			ADF&G
Nikon microscope	1			ADF&G
Yamaha outboard motor	1			ADF&G
Photographic dissecting scope	1			ADF&G

FY 04

Project Number: 040707
Project Title: Monitoring the Effects of Anadromous Marine Derived Nutrients on Biological Production in Sockeye Salmon Systems
Agency: Alaska Department of Fish and Game

FORM 3B
Equipment
DETAIL

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 04 - FY 06

Personnel Costs:		GS/Range/	Months	Monthly		Personnel
Name	Description	Step	Budgeted	Costs	Overtime	Sum
						0.0
Vacant	Fish and Wildlife Tech. II	9 A	4.0	4.1		16.4
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
	Subtotal		4.0	4.1	0.0	
					Personnel Total	$16.4

Travel Costs:	Ticket	Round	Total	Daily	Travel
Description	Price	Trips	Days	Per Diem	Sum
	0.4			0.2	0.0
	0.4			0.2	0.0
					0.0
(per diem includes car rental, hotel, food)					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
				Travel Total	$0.0

FY 05

Project Number: 040707
Project Title: Monitoring the Effects of Anadromous Marine Derived Nutrients on Biological Production in Sockeye Salmon Systems
Agency: Alaska Department of Fish and Game

FORM 3B
Personnel
& Travel
DETAIL

Contractual Costs:	Contract Sum
Description	
If a component of the project will be performed under contract, the 4A and 4B forms are required. **Contractual Total**	$0.0

Commodities Costs:	Commodity Sum
Description	
Commodities Total	$0.0

FY 05

Project Number: 040707
Project Title: Monitoring the Effects of Anadromous Marine-Derived Nutrients on Biological Production in Sockeye Salmon Systems
Agency: Alaska Department of Fish and Game

FORM 3B
Contractual & Commodities DETAIL

New Equipment Purchases: Description	Number of Units	Unit Price	Equipment Sum
		1.5	0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
		New Equipment Total	$0.0

Existing Equipment Usage: Description			Number of Units	Inventory Agency
Autoclave dryer	1	Spectrophotometer	1	UAF
autoclave	1	Stereoscope	1	ADF&G
Achilles raft	1	Single side bqnd radio	1	ADF&G
Hansen weatherport building	1	VHF radios	2	ADF&G
Toshiba miroscope tv	1	Satellite phone	1	ADF&G
centrifuge	1	DO/temp meters	2	ADF&G
Personal computer	2	Light meters	2	ADF&G
Garmen GPS	1			ADF&G
Remington 12 g. shotgun	1			ADF&G
Thomas microscope	1			ADF&G
Nikon microscope	1			ADF&G
Yamaha outboard motor	1			ADF&G
Photographic dissecting scope	1			ADF&G

FY 05

Project Number: 040707
Project Title: Monitoring the Effects of Anadromous Marine Derived Nutrients on Biological Production in Sockeye Salmon Systems
Agency: Alaska Department of Fish and Game

FORM 3B
Equipment
DETAIL

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 04 - FY 06

Personnel Costs:		GS/Range/	Months	Monthly		Personnel
Name	Description	Step	Budgeted	Costs	Overtime	Sum
Vacant	Fish and Wildlife Tech. II	9 A	4.0	4.1		16.4
				3.8		0.0
				3.8		0.0
				3.5		0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
	Subtotal		4.0	15.2	0.0	
					Personnel Total	$16.4

Travel Costs:		Ticket	Round	Total	Daily	Travel
Description		Price	Trips	Days	Per Diem	Sum
		0.4			0.2	0.0
		0.4			0.2	0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
					Travel Total	$0.0

FY 06

Project Number: 040707
Project Title: Monitoring the Effects of Anadromous Marine Derived Nutrients on Biological Production in Sockeye Salmon Systems
Agency: Alaska Department of Fish and Game

FORM 3B
Personnel
& Travel
DETAIL

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 04 - FY 06

Contractual Costs:	Contract Sum
Description	
Contractual Total	$0.0

Commodities Costs:	Commodity Sum
Description	
Commodities Total	$0.0

FY 06

Project Number: 040707
Project Title: Monitoring the Effects of Anadromous Marine-Derived Nutrients on Biological Production in Sockeye Salmon Systems
Agency: Alaska Department of Fish and Game

FORM 3B
Contractual & Commodities DETAIL

New Equipment Purchases:					
Description				Number of Units	Unit Price	Equipment Sum
					5.0	0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
					New Equipment Total	$0.0

Existing Equipment Usage:					
Description				Number of Units	Inventory Agency
Autoclave dryer	1	Stereoscope		1	UAF
autoclave	1	Single side bqnd radio		1	ADF&G
Achilles raft	1	VHF radios		2	ADF&G
Hansen weatherport building	1	Satellite phone		1	ADF&G
Toshiba miroscope tv	1	DO/temp meters		2	ADF&G
centrifuge	1	Light meters		2	ADF&G
Personal computer	2				ADF&G
Garmen GPS	1				ADF&G
Remington 12 g. shotgun	1				ADF&G
Thomas microscope	1				ADF&G
Nikon microscope	1				ADF&G
Yamaha outboard motor	1				ADF&G
Photographic dissecting scope	1				ADF&G

FY 06

Project Number: 040707
Project Title: Monitoring the Effects of Anadromous Marine Derived Nutrients on Biological Production in Sockeye Salmon Systems
Agency: Alaska Department of Fish and Game

FORM 3B
Equipment
DETAIL

United States Department of the Interior

U. S. GEOLOGICAL SURVEY
ALASKA BIOLOGICAL SCIENCE CENTER
1011 E. Tudor Rd.
Anchorage, Alaska 99503

May 18, 2005

MEMORANDUM

To: Gail Phillips, Executive Director *Exxon Valdez* Oil Spill Trustee Council

From: Dede Bohn, USGS liaison

Subject: Request for additional FY05 funds for projects 040708 and 050750

Budget amendments requesting additional FY05 funds for projects 040708 and 050750 were submitted to your office on April 15, 2005. The explanations for these unanticipated costs follow. Would it be possible to bring this matter before the Trustee Council for consideration at their June 11 meeting in Cordova?

Project 040708
Monitoring Lingering oil on boulder-armored beaches in the Gulf of Alaska
PI: Gail Irvine
This project was original approved as FY04-05 work, but was later approved for a one-year delay due to extended cancer treatments in FY04 for the PI, Gail Irvine. At the time of the request for delay, no changes were made to the budget. What is being requested now are supplemental funds ($15,750.50 in FY05 and $6,104 in FY06) due to increases in costs, particularly salaries and boat charter fees, as well as participation of Dr. Dan Mann by contract, in place of the original USGS geologist, who is no longer available.

	FY05	FY06
Increase in salary costs:	$6850	$2600
Increase in boat charter: ($600/day)	$6600	
Increase in contract rather than USGS geologist	$1000	$3000
General Admin, 9%	$1300.50	$ 504
TOTAL	$15,750.50	$6104

Project 050750

Implementation of the GEM Nearshore Monitoring Plan: Site Selection, Standard Operating Procedures, and Data Management

PIs: Jim Bodkin and Tom Dean

This project includes writing and testing standard procedures and a data management plan to be used for long-term monitoring in the nearshore. It has become apparent that the PI's do not have sufficient and appropriate personnel to assist in developing the data management infrastructure and implementing a model web-based relational database system. At the outset of this project, the EVOS Science Director had indicated the database system would be housed, maintained, and supported by EVOS staff. This is no longer possible, and based on guidance and recommendation from the EVOS Data Management staff, the PI's request additional funding at this time to hire a contract programmer/analyst for 4 months in FY05 to perform the work, which must be done coincident and as an integral part of the project activities occurring this summer (site selection, development of SOP's, and data management plan).

	FY05
Programmer/analyst for Database development	$35,200
Software/license	$ 800
General Admin, 9%	$ 3200
TOTAL	$39,200

Attached are copies of the proposed amendments.
Thank you for your consideration.

PROPOSAL SIGNATURE FORM

THIS FORM MUST BE SIGNED BY THE PROPOSED PRINCIPAL INVESTIGATOR AND SUBMITTED ALONG WITH THE PROPOSAL. If the proposal has more than one investigator, this form must be signed by at least one of the investigators, and that investigator will ensure that Trustee Council requirements are followed. Proposals will not be reviewed until this signed form is received by the Trustee Council Office.

By submission of this proposal, I agree to abide by the Trustee Council's data policy (*Trustee Council Data Policy**, adopted July 9, 2002) and reporting requirements *(Procedures for the Preparation and Distribution of Reports***, adopted July 9, 2002).

PROJECT TITLE: Monitoring Lingering Oil on Boulder-Armored Beaches in the Gulf of Alaska

Printed Name of PI: Gail V. Irvine

Signature of PI: _____ Date _____

Printed Name of co-PI: _____

Signature of co-PI: _____ Date _____

Printed Name of co-PI: _____

Signature of co-PI: _____ Date _____

* Available at http://www.evostc.state.ak.us/pdf/admin/datapolicy.pdf
** Available at http://www.evostc.state.ak.us/pdf/admin/reportguidelines.pdf

Trustee Council Use Only
Project No: 040708
Date Received: _____

PROPOSAL SUMMARY PAGE
(To be filled in by proposer)

Project Title: Monitoring Lingering Oil on Boulder-Armored Beaches in the Gulf of Alaska

Project Period: FY 05-FY 06

Proposer(s): Dr. Gail V. Irvine
U.S. Geological Survey, DOI

Study Location: Kenai Peninsula, Alaska Peninsula

Abstract:

We propose to continue monitoring the persistence and degradation of oil at boulder-armored Gulf of Alaska beaches that have been studied since 1992 and investigate how stability of the boulder armors affects both persistence and weathering. These sites were resampled in 1994 and 1999; 2005 would be the next targeted study date. The continued contamination of these sites, arrayed along the Katmai and Kenai Fjords National Park coasts, compromises the aesthetics and wilderness values of some of the most pristine wilderness-coast parklands in the world. The lack of weathering of much of the oil means that the oil, if released, could pose a risk to biota. Subsurface oil persisted at these sites in 1999 with little change in extent or chemical weathering since 1994. Data also suggests that the boulder armors are largely stable. We propose to assess changes in surface and subsurface oiling, chemical weathering of the oil, and stability of the boulder armors. Results will be published.

Note: This project was approved by the EVOS Trustees for FY04-FY05, but could not be accomplished, due to extended illness of the PI, who was being treated for cancer. The project was resubmitted and approved for FY05-FY06, with the same content, but a 1-year delay in all scheduling and no cost increases. The current supplemental requests changes in the budget due to cost increases since the original FY04 proposal.

Funding: EVOS Additional Funding Requested: FY 05 $ 15,750.50
(Includes 9%GA) FY 06 $ 6,104.00
Original funding approved: FY04 $ 71,700.00
FY 05 $ 17,200.00
FY06 $ 0
TOTAL Additional funding Requested: $21,854.50

Non-EVOS Funds to be Used: FY 05-06 $ 11.3

TOTAL: **$110,754.50** (supplemental request for FY04-05 $88.9 previously approved)

Date: April 14, 2005 (supplemental funding)

(NOT TO EXCEED ONE PAGE)

Daniel H. Mann
Institute of Arctic Biology
Irving II Building
University of Alaska
Fairbanks, AK 99708
(907) 474-2419
dmann@mosquitonet.com

EDUCATION:

1976: **B.A.** Anthropology (University of Washington)
1978: **M.S.** Forest Entomology (College of Forest Resources, University of Washington)
1983: **Ph.D.** Soil Science and Quaternary Studies (College of Forest Resources, University of Washington)

THESIS AND DISSERTATION:

M.S.: Ecology of Snowfield-foraging Arthropods on Mount Rainier (advisors: R.I. Gara and J.S. Edwards)

Ph.D.: The Quaternary History of the Lituya Glacial Refugium, Alaska (advisor: F.C. Ugolini)

Mann, D.H. and Hamilton, T.D. (1995). Late Pleistocene and Holocene Paleoenvironments of the North Pacific Coast. *Quaternary Science Reviews* 14, 449-471.

Mann, D.H. and Crowell, A.L. (1996). A large earthquake occurring 700 to 800 years ago in Aialik Bay, southern coastal Alaska. *Canadian Journal of Earth Sciences* 33, 117-126.

Irvine, G.V., Mann, D.H., and Short, J.W. (1999). Multi-year persistence of oil mousse on high energy beaches distant from the Exxon Valdez spill. *Marine Pollution Bulletin* 38, 572-584.

Mann, D.H., Crowell, A.L., Hamilton, T.D., and Finney, B.P. (1999). Holocene Geologic and climatic history around the Gulf of Alaska. *Arctic Anthropology* 35, 112-131.

Mann, D.H., Heiser, P.A., and Finney, B.P. (2002). Holocene history of the Great Kobuk Sand Dunes, Northwestern Alaska. *Quaternary Science Reviews* 21, 709-731

Mann, D.H., Peteet, D.M., Reanier, R.E., and Kunz, M.L. (2002). Responses of an arctic landscape to Lateglacial and early Holocene climatic changes: the importance of moisture. *Quaternary Science Reviews* 21, 997-1021

Recent Professional Collaborators
Finney, B.P., University of Alaska, Fairbanks
Heiser, P.A., University of Alaska, Anchorage
Irvine, G.V., U.S. Geological Survey, Anchorage
Kunz, M.L., Bureau of Land Management
Peteet, D.M., Columbia University

Reanier, R.E., Reanier and Associates
Rupp, S., University of Alaska, Fairbanks

Budget Justification

Monitoring lingering oil on boulder-armored beaches in the Gulf of Alaska: Continued investigation into persistence and process

Note: Changes to previous budget justification below are in bolded text

Supplemental funding of $21.9k is requested for FY05-06. The original, approved funding in FY04-05 was $88.9k. The project was granted a delay of one year, when G. Irvine was on extended medical leave in FY04 due to cancer treatment (most of FY04). The fieldwork components of the project will occur in the first year, with some of the data analysis, report writing, manuscript preparation and presentation of the work occurring in the second. The budget is discussed below, by year and budget category. Neither the USGS, **UAF** or NOAA have agency mandates to carry out the particular research that is being proposed.

2005:

Personnel:

Principle investigators for the project are Gail Irvine of the USGS, Alaska Science Center, **Dan Mann (UAF),** and Jeff Short, of NOAA's Auke Bay Laboratory. Gail will be in charge of hiring, organization and accomplishment of fieldwork, general project coordination and management. Jeff will provide oversight for hydrocarbon analyses and their interpretation. Additional personnel, a biologist and geologist/surveyor, will be hired by the USGS to support the field activities, plus data analysis. **Dr. Dan Mann, who has been involved in this research since 1995, will be participating again. We gain the valuable experience and expertise which he provides. Slight changes in the structure of the budget reflect the shift from involving a USGS geologist to doing a contract to cover Dr. Mann's involvement. Note: increases in salary costs since the FY04-05 proposal are reflected in the supplemental request.**

Travel:

The travel requested is to support field work. Two different trips are needed: one (to and from Seward) to support fieldwork in Kenai Fjords National Park, the second (to and from Homer) to support fieldwork in Katmai National Park. Although we don't know the home base of the boats that will be leased, in the past these are the two ports from which we have generally staged our work.

Contractual Costs:

Contract costs are for boat leases for field work. **Note: contract costs for boats outside PWS have gone up considerably since our work was first proposed, and the supplemental request reflects information received from several sources.**

Commodities Costs:

Costs include monies for film processing, sample shipment and miscellaneous supplies. USGS will supply specially cleaned sample jars.

Equipment:

No funds are being requested for equipment. Existing equipment will be used.

2006:

Personnel:

Funds are being requested for manuscript preparation and submittal.

Travel:

Funds are being requested to support presentation of our findings at a professional conference

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 04- FY 06

	PROPOSED TRUSTEE AGENCY TOTALS (FY 04 - 06)					
	ADEC	ADF&G	ADNR	USFS	DOI	NOAA
FY05					$14,388.0	$1,362.5
FY06					$5,559.0	$545.0

Budget Category:	Proposed FY 05	Proposed FY 06	Proposed FY 07	TOTAL PROPOSED
Personnel	$6,850.00	$2,600.00	$0.00	$9,450.00
Travel	$0.00	$0.00	$0.00	$0.00
Contractual	$7,600.00	$3,000.00	$0.00	$10,600.00
Commodities	$0.00	$0.00	$0.00	$0.00
Equipment	$0.00	$0.00	$0.00	$0.00
Subtotal	$14,450.00	$5,600.00	$0.00	$20,050.00
General Administration (9% of subtotal)	$1,300.50	$504.00	$0.00	$1,804.50
Project Total	$15,750.50	$6,104.00	$0.00	$21,854.50

Cost-share Funds:
In this box, identify non-EVOS funds or in-kind contributions used as cost-share for the work in this proposal. List the amount of funds, the source of funds, and the purpose for which the funds will be used. Do not include funds that are not directly and specifically related to the work being proposed in this proposal.

USGS Contribution: Gail Irvine 1.2 mo. salary ($11.3k)

NOTE: This budget reflects only changes to the previously submitted and approved FY05-06 budget, which originally had been proposed as FY04-05 work. The approved FY04-05 project was later approved for delayed implementation due to extended cancer treatments in FY04 of G. Irvine. At the time of request for delay, no changes were made to the budget. This supplemental budget requests changes due to increases in costs (especially in salaries, boat charter fees), but the scope of the work hasn't changed. The structure of the budget is slightly changed to reflect the participation of Dr. Dan Mann (who was not included in the FY04-05 budget but who will now be the participating geologist/geomorphologist).

FY 05-06

Date Prepared: 14-Apr-05

Project Number: 040708
Project Title: Lingering Oil on GOA Armored Beaches
PI: Irvine
Lead Agency: DOI--USGS

FORM 2A
MULTI-TRUSTEE AGENCY SUMMARY

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 04- FY 06

Budget Category:	Proposed FY 05	Proposed FY 06	Proposed FY 07		TOTAL PROPOSED
Personnel	$5,600.00	$2,100.00	$0.0		$7,700.0
Travel	$0.00	$0.00	$0.0		$0.0
Contractual	$7,600.00	$3,000.00	$0.0		$10,600.0
Commodities	$0.00	$0.00	$0.0		$0.0
Equipment	$0.00	$0.00	$0.0		$0.0
Subtotal	$13,200.00	$5,100.00	$0.0		$18,300.0
General Administration (9% of subtotal)	$1,188.00	$459.00	$0.0		$1,647.0
Project Total	$14,388.00	$5,559.00	$0.0		$19,947.0

Cost-share Funds:
In this box, identify non-EVOS funds or in-kind contributions used as cost-share for the work in this proposal. List the amount of funds, the source of funds, and the purpose for which the funds will be used. Do not include funds that are not directly and specifically related to the work being proposed in this proposal.

USGS Contribution: Gail Irvine 1.2 mo. salary ($11.3k)

FY 05

Project Number: 040708
Project Title: Lingering Oil on GOA Armored Beaches
PI: Irvine
Lead Agency: DOI--USGS

FORM 3A
TRUSTEE
AGENCY
SUMMARY

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 04- FY 06

Personnel Costs:		GS/Range/	Months	Monthly		Personnel
Name	Description	Step	Budgeted	Costs	Overtime	Sum
Gail Irvine	Research Ecologist	GS/12/10	2.0	2100.0		4,200.0
Unamed	Biologist	GS/9/1	2.0	700.0		1,400.0
Unamed (Charges in contract area for Dan Mann)	Geologist	GS/13				
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
	Subtotal		4.0	2800.0	0.0	
					Personnel Total	$5,600.0

Travel Costs:	Ticket	Round	Total	Daily	Travel
Description	Price	Trips	Days	Per Diem	Sum
Anchorage to Seward @ $0.36mi x 240mi					0.0
Anchorage to Homer					0.0
Menlo Park to field sites (costs for 2 from Fairbanks to field sites almost equivalent; difference (overhead)added to contract with UAF)					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
				Travel Total	$0.0

FY 05

Project Number: 040708
Project Title: Lingering Oil on GOA Armored Beaches
PI: Irvine
Lead Agency: DOI--USGS

FORM 3B
Personnel
& Travel
DETAIL

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 04- FY 06

Contractual Costs:	Contractual Sum
Description	
Boat lease 11 days @ $2400.00/day (increase of $600/day)	6,600.0
Contract with University of Alaska (Fairbanks), for services of Dr. Dan Mann Dan Mann, 1 mo; volunteer assistant; benefits 32.4%; travel; overhead, UAF, 25%): Total is $12.2 Increase over previously listed USGS geologist, and associated travel costs	1,000.0
If a component of the project will be performed under contract, the 4A and 4B forms are required. **Contractual Total**	$7,600.0
Commodities Costs:	Commodities Sum
Description	
Film processing, sample shipment, misc. supplies, test equipment	
Commodities Total	$0.0

FY 05

Project Number: 040708
Project Title: Lingering Oil on GOA Armored Beaches
PI: Irvine
Lead Agency: DOI--USGS

FORM 3B
Contractual & Commodities DETAIL

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 04- FY 06

New Equipment Purchases: Description	Number of Units	Unit Price	Equipment Sum
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
		New Equipment Total	$0.0

Existing Equipment Usage: Description	Number of Units	Inventory Agency
Surveying equipment, cameras, radios,binoculars, computers		

FY 05

Project Number: 040708
Project Title: Lingering Oil on GOA Armored Beaches
PI: Irvine
Lead Agency: DOI--USGS

FORM 3B
Equipment
DETAIL

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 04- FY 06

Personnel Costs:		GS/Range/	Months	Monthly		Personnel
Name	Description	Step	Budgeted	Costs	Overtime	Sum
Gail Irvine (reduced time, increased cost/mo)	Research Ecologist	GS/12/10	1.0	2100.0		2,100.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
	Subtotal		1.0	2100.0	0.0	
					Personnel Total	$2,100.0

Travel Costs:	Ticket	Round	Total	Daily	Travel
Description	Price	Trips	Days	Per Diem	Sum
Present findings at national conference TBD					
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
				Travel Total	$0.0

FY 06

Project Number: 040708
Project Title: Lingering Oil on GOA Armored Beaches
PI: Irvine
Lead Agency: DOI--USGS

FORM 3B
Personnel
& Travel
DETAIL

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 04- FY 06

Contractual Costs:		Contractual
Description		Sum
Contract with University of Alaska, Fairbanks (for services of Dr. Dan Mann) (0.3 months, benefits, 25% OH)		3,000.0
If a component of the project will be performed under contract, the 4A and 4B forms are required.	Contractual Total	$3,000.0
Commodities Costs:		Commodities
Description		Sum
Registration for scientific meeting Page charges		
	Commodities Total	$0.0

FY 06

Project Number: 040708
Project Title: Lingering Oil on GOA Armored Beaches
PI: Irvine
Lead Agency: DOI--USGS

FORM 3B
Contractual & Commodities DETAIL

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 04- FY 06

New Equipment Purchases: Description	Number of Units	Unit Price	Equipment Sum
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
		New Equipment Total	$0.0

Existing Equipment Usage: Description	Number of Units	Inventory Agency

FY 06

Project Number: 040708
Project Title: Lingering Oil on GOA Armored Beaches
PI: Irvine
Lead Agency: DOI--USGS

FORM 3B
Equipment
DETAIL

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 04- FY 06

Personnel Costs:		GS/Range/	Months	Monthly		Personnel
Name	Description	Step	Budgeted	Costs	Overtime	Sum
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
	Subtotal		0.0	0.0	0.0	
					Personnel Total	$0.0

Travel Costs:	Ticket	Round	Total	Daily	Travel
Description	Price	Trips	Days	Per Diem	Sum
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
				Travel Total	$0.0

FY 07

Project Number: 040708
Project Title: Lingering Oil on GOA Armored Beaches
PI: Irvine
Lead Agency: DOI--USGS

FORM 3B
Personnel
& Travel
DETAIL

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 04- FY 06

Contractual Costs:		Contractual Sum
Description		
If a component of the project will be performed under contract, the 4A and 4B forms are required.	**Contractual Total**	$0.0
Commodities Costs:		Commodities Sum
Description		
	Commodities Total	$0.0

FY 07

Project Number: 040708
Project Title: Lingering Oil on GOA Armored Beaches
PI: Irvine
Lead Agency: DOI--USGS

FORM 3B
Contractual & Commodity DETAIL

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 04- FY 06

New Equipment Purchases:	Number	Unit	Equipment
Description	of Units	Price	Sum
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
		New Equipment Total	$0.0

Existing Equipment Usage:	Number	Inventory
Description	of Units	Agency

FY 07

Project Number: 040708
Project Title: Lingering Oil on GOA Armored Beaches
PI: Irvine
Lead Agency: DOI--USGS

FORM 3B
Equipment
DETAIL

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 04- FY 06

Budget Category:	Proposed FY 05	Proposed FY 06	Proposed FY 07		TOTAL PROPOSED	
Personnel	$1,250.00	$500.00	$0.0		$1,750.0	
Travel	$0.00	$0.00	$0.0		$0.0	
Contractual	$0.00	$0.00	$0.0		$0.0	
Commodities	$0.00	$0.00	$0.0		$0.0	
Equipment	$0.00	$0.00	$0.0		$0.0	
Subtotal	$1,250.00	$500.00	$0.0		$1,750.0	
General Administration (9% of subtotal)	$112.50	$45.00	$0.0		$157.5	
Project Total	$1,362.50	$545.00	$0.0		$1,907.5	
Other Funds						

Cost-share Funds:
In this box, identify non-EVOS funds or in-kind contributions used as cost-share for the work in this proposal. List the amount of funds, the source of funds, and the purpose for which the funds will be used. Do not include funds that are not directly and specifically related to the work being proposed in this proposal.

FY 06-07

Project Number: 040708
Project Title: Lingering Oil on GOA Armored Beaches
PI: Irvine
Agency B: NOAA

FORM 3A
TRUSTEE
AGENCY
SUMMARY

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 04- FY 06

Personnel Costs:		GS/Range/	Months	Monthly		Personnel
Name	Description	Step	Budgeted	Costs	Overtime	Sum
Jeff Short	Chemist	GS/13/9	0.5	2500.00		1,250.00
						0.00
						0.00
						0.00
						0.00
						0.00
						0.00
						0.00
						0.00
						0.00
						0.00
	Subtotal		0.5	2500.0	0.0	
					Personnel Total	1,250.00

Travel Costs:	Ticket	Round	Total	Daily	Travel
Description	Price	Trips	Days	Per Diem	Sum
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
				Travel Total	$0.0

FY 05

Project Number: 040708
Project Title: Lingering Oil on GOA Armored Beaches
PI: Irvine
Agency B: NOAA

FORM 3B
Personnel
& Travel
DETAIL

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 04- FY 06

Contractual Costs:		Contractual Sum
Description		
If a component of the project will be performed under contract, the 4A and 4B forms are required.	Contractual Total	$0.0
Commodities Costs:		Commodities Sum
Description		
Hydrocarbon analyses, 12 samples @ $500.00 each		
	Commodities Total	$0.0

FY 05

Project Number: 040708
Project Title: Lingering Oil on GOA Armored Beaches
PI: Irvine
Agency B: NOAA

FORM 3B
Contractual & Commodities DETAIL

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 04- FY 06

New Equipment Purchases: Description	Number of Units	Unit Price	Equipment Sum
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
		New Equipment Total	$0.0

Existing Equipment Usage: Description	Number of Units	Inventory Agency

FY 05

Project Number: 040708
Project Title: Lingering Oil on GOA Armored Beaches
PI: Irvine
Agency B: NOAA

FORM 3B
Equipment
DETAIL

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 04- FY 06

Personnel Costs:		GS/Range/	Months	Monthly		Personnel
Name	Description	Step	Budgeted	Costs	Overtime	Sum
Jeff Short	Chemist	GS/13/9	0.2	2500.00		500.00
						0.00
						0.00
						0.00
						0.00
						0.00
						0.00
						0.00
						0.00
						0.00
						0.00
	Subtotal	[redacted]	0.2	2500.0	0.0	[redacted]
					Personnel Total	500.00

Travel Costs:	Ticket	Round	Total	Daily	Travel
Description	Price	Trips	Days	Per Diem	Sum
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
				Travel Total	$0.0

FY 06

Project Number: 040708
Project Title: Lingering Oil on GOA Armored Beaches
PI: Irvine
Agency B: NOAA

FORM 3B
Personnel
& Travel
DETAIL

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 04- FY 06

Contractual Costs:	Contractual Sum
Description	
If a component of the project will be performed under contract, the 4A and 4B forms are required. **Contractual Total**	$0.0
Commodities Costs:	Commodities Sum
Description	
Commodities Total	$0.0

FY 06

Project Number: 040708
Project Title: Lingering Oil on GOA Armored Beaches
PI: Irvine
Agency B: NOAA

FORM 3B
Contractual & Commodities DETAIL

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 04- FY 06

New Equipment Purchases: Description	Number of Units	Unit Price	Equipment Sum
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
		New Equipment Total	$0.0

Existing Equipment Usage: Description	Number of Units	Inventory Agency

FY 06

Project Number: 040708
Project Title: Lingering Oil on GOA Armored Beaches
PI: Irvine
Agency B: NOAA

FORM 3B
Equipment
DETAIL

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 04- FY 06

Personnel Costs:		GS/Range/	Months	Monthly		Personnel
Name	Description	Step	Budgeted	Costs	Overtime	Sum
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
	Subtotal		0.0	0.0	0.0	
					Personnel Total	$0.0

Travel Costs:	Ticket	Round	Total	Daily	Travel
Description	Price	Trips	Days	Per Diem	Sum
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
				Travel Total	$0.0

FY 07

Project Number: 040708
Project Title: Lingering Oil on GOA Armored Beaches
PI: Irvine
Agency B: NOAA

FORM 3B
Personnel
& Travel
DETAIL

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 04- FY 06

Contractual Costs:	Contractual Sum
Description	
If a component of the project will be performed under contract, the 4A and 4B forms are required. **Contractual Total**	$0.0
Commodities Costs:	Commodities Sum
Description	
Commodities Total	$0.0

FY 07

Project Number: 040708
Project Title: Lingering Oil on GOA Armored Beaches
PI: Irvine
Agency B: NOAA

FORM 3B
Contractual & Commodities DETAIL

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 04- FY 06

New Equipment Purchases: Description	Number of Units	Unit Price	Equipment Sum
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
		New Equipment Total	$0.0

Existing Equipment Usage: Description	Number of Units	Inventory Agency

FY 07

Project Number: 040708
Project Title: Lingering Oil on GOA Armored Beaches
PI: Irvine
Agency B: NOAA

FORM 3B
Equipment
DETAIL

United States Department of the Interior

U. S. GEOLOGICAL SURVEY
ALASKA BIOLOGICAL SCIENCE CENTER
1011 E. Tudor Rd.
Anchorage, Alaska 99503

May 18, 2005

MEMORANDUM

To: Gail Phillips, Executive Director *Exxon Valdez* Oil Spill Trustee Council

From: Dede Bohn, USGS liaison

Subject: Request for additional FY05 funds for projects 040708 and 050750

Budget amendments requesting additional FY05 funds for projects 040708 and 050750 were submitted to your office on April 15, 2005. The explanations for these unanticipated costs follow. Would it be possible to bring this matter before the Trustee Council for consideration at their June 11 meeting in Cordova?

Project 040708
Monitoring Lingering oil on boulder-armored beaches in the Gulf of Alaska
PI: Gail Irvine
This project was original approved as FY04-05 work, but was later approved for a one-year delay due to extended cancer treatments in FY04 for the PI, Gail Irvine. At the time of the request for delay, no changes were made to the budget. What is being requested now are supplemental funds ($15,750.50 in FY05 and $6,104 in FY06) due to increases in costs, particularly salaries and boat charter fees, as well as participation of Dr. Dan Mann by contract, in place of the original USGS geologist, who is no longer available.

	FY05	FY06
Increase in salary costs:	$6850	$2600
Increase in boat charter: ($600/day)	$6600	
Increase in contract rather than USGS geologist	$1000	$3000
General Admin, 9%	$1300.50	$ 504
TOTAL	$15,750.50	$6104

Project 050750

Implementation of the GEM Nearshore Monitoring Plan: Site Selection, Standard Operating Procedures, and Data Management

PIs: Jim Bodkin and Tom Dean

This project includes writing and testing standard procedures and a data management plan to be used for long-term monitoring in the nearshore. It has become apparent that the PI's do not have sufficient and appropriate personnel to assist in developing the data management infrastructure and implementing a model web-based relational database system. At the outset of this project, the EVOS Science Director had indicated the database system would be housed, maintained, and supported by EVOS staff. This is no longer possible, and based on guidance and recommendation from the EVOS Data Management staff, the PI's request additional funding at this time to hire a contract programmer/analyst for 4 months in FY05 to perform the work, which must be done coincident and as an integral part of the project activities occurring this summer (site selection, development of SOP's, and data management plan).

	FY05
Programmer/analyst for Database development	$35,200
Software/license	$ 800
General Admin, 9%	$ 3200
TOTAL	$39,200

Attached are copies of the proposed amendments.
Thank you for your consideration.

REQUEST FOR AMENDMENT TO PROJECT 050750:

IMPELMENTATION OF THE GEM NEARSHORE MONITORING PLAN: SITE SELECTION, STANDARD OPERATING PROCEDURES, AND DATA MANAGEMENT

J.L. Bodkin and T.A. Dean

Statement of Problem

The objectives of our project 050750 "Implementation of the GEM nearshore monitoring plan: site selection, standard operating procedures, and data management" include writing and testing standard operating procedures and a data management plan to be used following implementation of long-term monitoring in the nearshore. Establishing a data management framework is seen as a critical and necessary step in implementing the nearshore sampling plan, and it is crucial that this plan be developed coincident with the site selection and SOP development process.

We are currently developing SOPs and the data management plan as proposed. In doing so, it has become apparent that we do not have sufficient and appropriate personnel to assist in developing the data management infrastructure and implementing a model web-based relational database system. At the outset of this project, it was our understanding that the web-based database system would be housed, maintained, and supported by EVOS staff as indicated by the Science Coordinator. Since that time and due to re-evaluated priorities, it has become apparent that the current EVOS staff does not have sufficient time to allot to this task. This is partly a result of an under estimation of the time and expertise needed for such a project on our part, and partly because the EVOS staff is committed to other projects.

Proposed amendment to project 050750

The current EVOS staff has been extremely helpful in guiding us through the initial steps of developing a preliminary database structure model and further defining the needs of the project in terms of time and expertise. Based largely on their recommendation, we now foresee that implementation of a database management system will require the addition of a dedicated programmer/analyst for a period of about six months. This person would work closely with the current USGS personnel and with EVOS's Data Systems Manager and other staff to help us coincidently develop standard operating procedures and the database structure for long-term monitoring in the nearshore.

Specific tasks to be undertaken by a database developer are: Provide computer and system development support for all Nearshore Monitoring Technology needs (such as tablet PC interfacing, etc); assist in the management, development, and administration of all Nearshore Monitoring databases.

We intend to hire an outside contractor for this task, with a potential start date of June 1, 2005. As a result, we are asking that EVOS increase our funding in the amount of $38K so that we can hire this person full-time for a 4 month period (June through October) in FY05. The additional funds would allow us to complete the task of having a database system in place prior to the

initiation of long-term monitoring. No change in products to be delivered or dates of delivery are anticipated.

An additional two months of funding for this person is being requested as part of newly submitted proposal (project 06XXX, "Database development for selected injured nearshore resources: historic data of interest".) The entry of the historical data into the data management system, as proposed for the above project, would serve a model for future data collected as part of the long-term monitoring effort.

An amended budget for the hiring of this contractor is attached.

BUDGET JUSTIFICATION

Justification for each item in the attached budget is as follows:

FY05

Personnel - $0K

Travel – 0$

Commodities – 0.8K$
Software/license necessary to build database.

Equipment – $0

Contractual – $35.2K

Contract is for a database developer (analyst/programmer) to be named. The database developer will work directly with USGS, CRA, and the EVOSTC's Data Systems Manager to assist in duties specific to the development of the databases housing Nearshore Monitoring datasets. These duties include providing computer and system development support for all technology needs, assisting in the development, management, and administration of databases. This person will also be responsible for ensuring that databases are well documented and easily accessed and added to as long-term monitoring proceeds. This will be the same person/contractor who helps develop the database structure for our proposed project 06XXX that will establish a data management structure for housing historic data related to injured resources.

2001 EXXON VALDEZ TRUSTEE COUNCIL PROJECT BUDGET

October 1, 2000 - September 30, 2001

Budget Category:	Authorized FY 2005	Proposed FY 2005	LONG RANGE FUNDING REQUIREMENTS					
Personnel	$69.0	$0.0						
Travel	$10.8	$0.0						
Contractual	$94.0	$35.2						
Commodities	$3.0	$0.8						
Equipment	$17.9	$0.0						
Subtotal	$194.7	$36.0				Estimated FY 2007		
General Administration	$17.5	$3.2						
Project Total	$212.2	$39.2						
Full-time Equivalents (FTE)		0.0						
	Dollar amounts are shown in thousands of dollars.							
Other Resources								

Comments:

FY05

Prepared:

Project Number:
Project Title: Amendment to 050750: Implementation of GEM Nearshore Monitoring Plan
Agency: USGS

FORM 3A
TRUSTEE
AGENCY
SUMMARY

2001 EXXON VALDEZ TRUSTEE COUNCIL PROJECT BUDGET

October 1, 2000 - September 30, 2001

Personnel Costs:		GS/Range/ Step	Months Budgeted	Monthly Costs	Overtime	Proposed FY 2006
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
	Subtotal		0.0	0.0	0.0	
					Personnel Total	$0.0

Travel Costs:	Ticket Price	Round Trips	Total Days	Daily Per Diem	Proposed FY 2006
Description					
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
				Travel Total	$0.0

FY05

Prepared:

Project Number:
Project Title: Amendment to 050750: Implementation of GEM Nearshore Monitoring Plan
Agency: USGS

FORM 3B
Personnel & Travel
DETAIL

2001 EXXON VALDEZ TRUSTEE COUNCIL PROJECT BUDGET
October 1, 2000 - September 30, 2001

Contractual Costs:		Proposed
Description		FY 2006
4A Linkage, contract with Coastal Resources and Database designer		35.2
When a non-trustee organization is used, the form 4A is required.	**Contractual Total**	$35.2

Commodities Costs:		Proposed
Description		FY 2006
software		0.8
	Commodities Total	$0.8

FY05

Prepared:

Project Number:
Project Title: Amendment to 050750: Implementation of GEM Nearshore Monitoring Plan
Agency: USGS

FORM 3B
Contractual & Commodities DETAIL

2001 EXXON VALDEZ TRUSTEE COUNCIL PROJECT BUDGET
October 1, 2000 - September 30, 2001

New Equipment Purchases: Description	Number of Units	Unit Price	Proposed FY 2006
			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.		**New Equipment Total**	$0.0

Existing Equipment Usage: Description	Number of Units	Inventory Agency

FY05

Prepared:

Project Number:
Project Title: Amendment to 050750: Implementation of GEM Nearshore Monitoring Plan
Agency: USGS

FORM 3B
Equipment
DETAIL

2001 EXXON VALDEZ TRUSTEE COUNCIL PROJECT BUDGET

October 1, 2000 - September 30, 2001

Budget Category:	Authorized FY 2005	Proposed FY 2006	LONG RANGE FUNDING REQUIREMENTS					
						Estimated FY 2007		
Personnel		$32.0						
Travel		$0.0						
Contractual		$0.0						
Commodities		$0.0						
Equipment		$0.0						
Subtotal		$32.0						
Indirect		$3.2						
Project Total		$35.2						
Full-time Equivalents (FTE)		0.3						
	Dollar amounts are shown in thousands of dollars.							
Other Resources								

Comments:

Indirect rates for a contractor to be named are estimated at 10% of personnel plus travel costs.

FY05

Prepared:

Project Number:
Project Title: Amendment to 050750: Implementation of GEM Nearshore Monitoring Plan
Name: USGS

FORM 4A
Non-Trustee
SUMMARY

2001 EXXON VALDEZ TRUSTEE COUNCIL PROJECT BUDGET
October 1, 2000 - September 30, 2001

Personnel Costs:			Months	Monthly		Proposed
	Name	Position Description	Budgeted	Costs	Overtime	FY 2006
						0.0
	Misc Public Vendor	Database developer	4.0	8.0		32.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
		Subtotal	4.0	8.0	0.0	
					Personnel Total	$32.0

Travel Costs:		Ticket	Round	Total	Daily	Proposed
	Description	Price	Trips	Days	Per Diem	FY 2006
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
					Travel Total	$0.0

FY05

Prepared:

Project Number:
Project Title: Amendment to 050750: Implementation of GEM Nearshore Monitoring Plan
Name: USGS

FORM 4B
Personnel
& Travel
DETAIL

2001 EXXON VALDEZ TRUSTEE COUNCIL PROJECT BUDGET
October 1, 2000 - September 30, 2001

Contractual Costs:	Proposed FY 2006
Description	
Contractual Total	$0.0

Commodities Costs:	Proposed FY 2006
Description	
Commodities Total	$0.0

FY05

Prepared:

Project Number:
Project Title: Amendment to 050750: Implementation of GEM Nearshore Monitoring Plan
Name: USGS

FORM 4B
Contractual & Commodities
DETAIL

2001 EXXON VALDEZ TRUSTEE COUNCIL PROJECT BUDGET
October 1, 2000 - September 30, 2001

New Equipment Purchases:	Number	Unit	Proposed
Description	of Units	Price	FY 2006
			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.		**New Equipment Total**	$0.0

Existing Equipment Usage:	Number	
Description	of Units	

FY05

Prepared:

Project Number:
Project Title: Amendment to 050750: Implementation of GEM Nearshore Monitoring Plan
Name: USGS

FORM 4B
Equipment
DETAIL

Overdue Reports
List

June 2005: Report on Extremely Overdue Final Reports, 1993-2000

Some of the final reports due to EVOS on projects have been overdue for so long, there appears to be no hope of ever receiving them. Many of the PIs for these projects have retired or moved to other jobs and they have made no attempt to finish their work with us by providing the final report.

We received draft final reports for four of these very old overdue reports. The drafts were peer reviewed, with the exception of the Hennig 93065 report, but the reports were never finalized by the PI. These reports are:

- **00530** **Lessons Learned: Evaluating Scientific Sampling of Oil Spill Effects** (Marianne See, ADEC)
- **98291** **Chenega Area Shoreline** (Marianne See, ADEC)
- **00509** **Long-Term Monitoring of Harbor Seal Populations: Development of an Experimental Design** (Robert Small, ADFG)
- **93065 / 94217** **Prince William Sound Recreation** (Steve Hennig, ADNR)

Marianne See moved on from DEC in 2001 and her position was not refilled. Neither Small nor Hennig have ever responded to our requests to finalize their reports. The process to get these reports finalized has dragged on for years – in the case of 93065 – over ten years. Currently the data in these reports are unavailable to the public and of not practical use.

We propose to publish each of these reports as a "Draft Final Report with Peer Review Comments Included". The report covers would carry the following disclaimer, which was drafted by Carrie Holba at ARLIS:

> "This report was prepared as part of the Exxon Valdez Oil Spill Restoration Program. It has been independently peer reviewed for scientific content. Peer review comments are included, but have not been addressed within the report. The findings and conclusions presented in this report are those of the individual investigator(s) or author(s) and do not necessarily reflect the views of the *Exxon Valdez* Oil Spill Trustee Council."

Another report that we would like to strike from the Overdue List is **Project 00371: Effects of Harbor Seal Metabolism on Stable Isotope Ratio Tracers** (Donald Schell, ADFG). Mr. Schell has retired and moved to Oregon. The final report for this has never been received in any form. We would propose to treat it in a manner similar to that described for the four projects above; however, in the disclaimer, it would clearly state that no draft final report was ever received, nor were any peer reviews done.

These four PIs—See, Schell, Hennig and Small—would be placed on our "black list" and would be ineligible for future EVOSTC funding, unless their work was finalized. Your allowing us to remove these give projects from the "Overdue List" will save us staff and liaison time each quarter (and annually) in trying to locate these folks to get something from them which they have clearly chosen not to provide for us. This will then allow us to make the projects public and at least provide data that might be beneficial to future studies, etc.

Your approval is requested to remove these five projects from the "Overdue Projects List".

Thank you.

Overdue Project Reports (as of 6/1/2005)

	A	B	C	D	E	F	G	H
1	**Never Submitted In Any Form**							
2	Lead	Project	PI	Final or	Project Title	Current Status of	Status Updates	
3	Agency	Number		Annual		Report	Update History, Pre-8/19/04	Recent Updates
4	ADEC	99304	Mitchell	Final	Kodiak Waste Management Project	Never Submitted		Received email (1/31/05) from PI asking if a report was due, responded that yes, a final report was due
5	ADFG	99162B	Kennedy	Ms.	Herring disease	Never submitted	4 manuscripts were due 9/30/00; 3 not submitted. emailed project manager for update 2/6/04. request for update 05/04 - 06/04 Update from Project Manager: States PI at Simon Frazer Univ. expects the remaining manuscripts to be turned in by mid-July 04	3/15/05 on its way, per Chris via B. Huber
6	ADFG	99252-2	L. Seeb	Final	Genetics project: black rockfish component	Never submitted	Never submitted; was due 1/31/00. emailed project manager for update 2/6/04. request for update 05/04 - 06/04 Update from Project Manager: States in his conversation with PI the rockfish component is to be turned in by 6/25.	3/15/05 on its way, per B. Huber, should be submitted the week of 3/28/05. 4/13/05 - Not submitted, email sent to B. Huber, he says 5/1
7	ADFG	00273	Rosenberg	Final	Surf scoters	Never submitted (?)	Never submitted; was due 9/30/01.P. Mundy accepted annual report in lieu of final report; final report now due 12/15/03. emailed project manager for update 2/6/04.request for update 05/04 - 06/04 Update from Project Manager: states the PI will provide data to EVOS by 07/01/04 and final report will be turned in at the end of field season end of July (per his conversation with P. Mundy).	This was listed as an annual report, per B. Huber (3/15/05), is actually a final report. 3/17/05 per B. Huber - Expect to receive a comprehensive report this fall which covers all of the survey years reflected in the data Dan provided to Dick
8	ADFG	01064	Frost	Final	Harbor seals	Never submitted	Report (consists of several ms.) was due 3/02. emailed project manager for update 2/6/04. request for update 05/04 - 06/04 Update from Project Manager: was unable to contact whom is now responsible for this project, no update at this time.	Gail sent email to B. Huber asking for one last try (3/14/05). 3/17/05 Per B. Huber - Ms are done, will email Brett with projected submittal date
9	ADFG	01163	E. Brown	Ms.	APEX synthesis ms. (A/T)	Never submitted	Never submitted; was due 9/30/01. Then expected 6/30/02; then expected 11/25/02.Now expected 12/1/03 - Now expected end of March 04 per B. Huber. emailed project manager for update 2/6/04. E. Brown is still working (Forage fish report for APEX closeout project) and is off contract the month of 02/04. Her project is scheduled for completion now, at the end of March. request for update 05/04 - 06/04 Update from Project Manager: States the project will be turned by 7/15/04	Gail sent email to Bob Spies asking about info on any/all APEX projects (3/14/05). 3/15/05 - B. Huber called PI & left a message, 3/17/05 PI says she is working on this report and she "understands her obligation to EVOS", but did not give an expected submission date. 4/18/05 - spoke to PI on the phone, she

Overdue Project Reports (as of 6/1/2005)

	A	B	C	D	E	F	G	H
10	ADFG	030052	P. Brown-Schwalenberg	Final	Tribal Natural Resource Stewardship and Tribal Involvement in GEM	Never submitted	Final Report due 4/15/04. emailed project manager 6/04. PI expects to clear up some outstanding issues with TNRP and have report turned in by 6/25/04	3/17/05 per B. Huber - report is expected by 5/1/05
11	ADFG	030190	F. Allendorf	Final	Construction of a Linkage Map for the Pink Salmon Genome	Never submitted	Final report due 9/30/03. emailed project manager for update 2/6/04. request for update 05/04 - 06/04 Update from Project Manager: extension through 6/30/04. No cost extension approved by Gail Phillips new due date is June 30, 2004.	Gail sent email to B. Huber asking for one last try (3/14/05). Brett contacted PI (3/15/05), ms are done will be in by 4/10/05. 4/13/05 - Not submitted, email sent to B. Huber, he says PI in NZ back soon
12	ADFG	030584	E. Brown	Final	Evaluation of Airborne Remote Sensing Tools for GEM Monitoring	Never submitted	Final report due 5/31/03. asked to submit an annual report due to her final report being overdue; plans to submit final report 12/1/03. emailed project manager for update 2/6/04. request for update 05/04 - 06/04 Update from Project Manager: States the project will be turned by 7/15/04	Gail sent email to B. Huber asking for one last try (3/14/05). 3/15/05 - B. Huber called PI & left a message, 3/17/05 PI says she is working on this report and she "understands her obligation to EVOS", but did not give an expected submission date. 4/18/05 - spoke to PI on the phone, she says end of May,
13	ADFG	040407	Rosenberg	Final	Harlequin Duck Population Dynamics	Never submitted		4/27/05 - per B. Huber -Final report is in process but is not complete due to the PI needing additional statistical support to complete the project. That support has now been identified
14	DOI	030561	Roseneau	Final	Evaluating the Feasibility of Developing a Community-Based Forage Fish Sampling	Never submitted	Final report due 4/15/03. emailed project manager for update 2/6/04. request for update 05/04 - 06/04 Update from Project Manager: PI is in the field--so am not sure whether or not he has made any headway on his overdue report.	No recent update
15	NOAA	01163	Duffy, et al	14 ms.	APEX synthesis ms.	Never submitted	Never submitted; were due 9/30/01. Pending per P. Hagen's email 9/29/03 - emailed project manager for update 2/6/04. Request for update 05/04 - 06/04 Update from Project Manager: Still pending -I suspect that many of the manuscripts were probably produced and submitted to journals but locating will take coordinated effort	Gail sent email to Bob Spies asking about info on any/all APEX projects (3/14/05)
16	NOAA	040724	Short	Final	Strategy Development for Monitoring Exxon Valdez Oil and Other Contam. in PWS	Never submitted	Final report due 9/30/04. Emailed project manager for update, no update on this project in his quarterly report (4th). Very possible it was presented at the Lingering Oil Meeting on November 9, 2004 (email sent 11/23/04).	No recent update
17	NOAA	030574 (040574)	D. Lees	Final	Assessment of Bivalve Recovery	Never submitted		Final report (manuscript) due 12/15/04 (extension)

Overdue Project Reports (as of 6/1/2005)

	A	B	C	D	E	F	G	H
18	NOAA	040647	Reusink	Final	Relative Roles of Natural Factors & Shoreline Harvest	Never submitted	TEK report due 12/31/04.	Draft TEK report received 4/27/05, complete report expected 4/15/06
19	NOAA	040654	Stabeno	Final	Surface Nutrients over Shelf & Basin	Never submitted		Due 4/15/05
20	NOAA	040721	Saupe	Website?	AK Coastal Habitat Website	Never submitted		Due 4/15/06
21	**Draft Final Report Submitted, needs to be peer reviewed**							
22	**Lead**	**Project**	**PI**	**Final or**	**Project Title**	**Current Status of**	**Status Updates**	
23	**Agency**	**Number**		**Annual**		**Report**	**Update History, Pre-8/19/04**	**Recent Updates**
24	ADFG	02407	Rosenberg	Final	Harlequin Duck Population Dynamics	Draft Final Submitted	Never submitted; was due 9/30/02. Submitted DRAFT final report, peer review revisions now due 12/15/03 (per P. Mundy)	Text of final report found in Brenda's office with letter of submittal dated 5/17/05. Needs peer review.
25	ADFG	030685	S. Pegau	Final	Visible Remote Sensing of the Gulf of Alaska	Draft Final Submitted	Final report due 9/30/03, Submitted annual report 9/15/03 - extension on final report until 12/15/03 per Phil Mundy - emailed project manager for update 2/6/04. No response from Project Manager resent overdure report list 5/04. request for update 05/04 - 06/04 Update from Project Manager: States this report was turned to Phil. Need electronically to send out for peer review, emailed C. Holba to see if she has it at ARLIS.	Final report CD found in Brenda's files (2/17/05) needs to go out for peer review
26	ADFG	040556	Pegau	Final	High Resolution Mapping	Draft Final Submitted		Text of final report submitted 2/15/05, PI stated data DVD's would follow before end of 2/05
27	DOI	00501	Piatt	Final	Seabird monitoring protocols	Draft Final Submitted	Never submitted; was due 9/30/00; due date extended to 10/31/00; then expected 3/31/02; now expect 9/30/03. Email dated 9/29/03 from Piatt stating he is waiting for comments back from co-authors - emailed project manager for update 2/6/04. request for update 05/04 - 06/04.Update from Project Manager: states there has been no further progress on this report. Emailed her to elaborate on what this means	Draft Final Report found in stack in Brenda's office, received 8/24/04 - needs to go out for peer review.
28	NOAA	030476	Heintz	Final	Effect of Oiled Incubation Substrate on Pink Salmon Reproduction	Draft Final Submitted	Final report due 9/15/03 - not submitted. Report will be in 12/1/03 (per P. Hagen) - emailed project manager for update 2/6/04. No response from Project Manager. Request for update 5/04. 06/04 Update from Project Manager: This now looks to be a two part report. Chapter 1 has been completed and I think we are going to submit that in a week or so to deal with fund contingency issues	2/23/05 - request for peer review memo sent out by Brenda on 8/19/04. Found electronic version titlesd "DRAFT Final Report (Chapter 2)", uploaded to intranet

Overdue Project Reports (as of 6/1/2005)

	A	B	C	D	E	F	G	H
29	NOAA	030607	Gracz (Schlein)	Final	GIS Map of Water Quality Monitoring Sites, GOA	Draft Final Submitted		hard copy of draft final found in folder in Brenda's office along with requests for peer review (dated 6/8/04) has anyone agreed to reivew?
30	NOAA	030625	Kline	Final	PWS Isotope Ecology Synthesis	Draft Final Submitted		Draft Final Report found in stack in Brenda's office - needs to go out for peer review
31	NOAA	040647	Reusink	TEK	Relative Roles of Natural Factors & Shoreline Harvest	Never submitted	TEK report due 12/31/04.	Draft TEK report received 4/27/05, complete report expected 4/15/06
32	USFS	02256B	Gillikin	Final	Solf Lake	Draft Final Submitted	Never submitted; was due 9/30/02, emailed project manager for update 2/6/04. No RESPONSE. New project Manager S. Zemke - called 06/04 states it is field season, states he is working with PI to provide us a date in which we can expect data/draft in our office	Draft sent to R. Dworsky (date unknown). R. Dworsky will peer review
33	ADFG	030556	C. Schoch/S. Pegau (new contact for report)	Final	High Resolution Mapping of the Intertidal and Shallow Subtidal Shores in Kachemak Bay	Sent Out For Peer Review, No Response - Process Re-Started	Final report due 11/30/03. No-cost extension granted - partical final report in December 03 - Final report due 2/13/04 - emailed project manager for update 2/6/04. No response from Project Manager resent overdure report list 5/04. States this report was turned. Need electronically to send out for peer review. report turned to Phil Mundy 06/04. Send out for peer review	Starting peer review process over again - per Gail Phillips (3/14/05) - have e-copy of draft
34	ADFG	030558	S. Atkinson	Final	Harbor Seal Recovery	Sent Out For Peer Review, No Response - Process Re-Started	Final report due 4/15/04. Will have report done by 7/15/04. emailed project manager 6/04. Extension granted by Gail Phillips 04/06/04. Draft final report received 8/2/04 Sent out for review to HSC and Spies 8/2/04. 2/23/05 - found peer reviewer comments (Kate Wynn) in stack on Brenda's desk (dated 9/8), are there other reviewers? Does PI have these comments?	Starting peer review process over again - per Gail Phillips (3/14/05) - have hard copy of draft
35	ADFG	030596	Cooper	Final	Securing Flow Data of a Lower Kenai Pennisula	Sent Out For Peer Review, No Response - Process Re-Started	Final report due 4/15/04. emailed project manager 6/04. Not on updated list from project manager, Sent email 06/04/04; again 06/14/04; Sent out for peer review 08/19/04	Starting peer review process over again - per Gail Phillips (3/14/05) - have e-copy of draft
36	DOI	01338	Piatt	Final	Murre/kittiwake survival	Sent Out For Peer Review, No Response - Process Re-Started	Never submitted; was due 9/15/01; then expected 9/15/02;now expect 9/30/03. Email dated 9/29/03 from Piatt stating that he has to do one last analysis; report written; needs final analysis incorporated - emailed project manager for update 2/6/04. request for update 05/04 - 06/04 Update from Project Manager: states there has been no further progress on this report. Emailed her to elaborate on what this means. Final report submitted and sent out for peer review 08/19/04	Starting peer review process over again - per Gail Phillips (3/14/05) - have e-copy of draft

Overdue Project Reports (as of 6/1/2005)

	A	B	C	D	E	F	G	H
37	DOI	02404	Nielsen	Final	Testing Electronic Archival Tags in Pacific Salmon	Sent Out For Peer Review, No Response - Process Re-Started		Starting peer review process over again - per Gail Phillips (3/14/05) - have e-copy of draft. 3/31/05 - found email indicating that Bob Clark had agreed to peer review (email dated 5/17/04). Sent Bob an email asking for status 3/31/05. received copy of peer review from Bob Clark (4/13/05)
38	DOI	030585	J. Bodkin/B. Ballachey	Final	Lingering Oil: Bioavailability and Effects to Prey and Predators	Sent Out For Peer Review, No Response - Process Re-Started	Final report due 9/30/03. submitted annual report 9/19/03 - paper copies are being hand-carried by Bodkin to the Lingering Oil meeting. D. Bohn received copies of final report. With Spies for peer review 11/7/03	Starting peer review process over again - per Gail Phillips (3/14/05) - have e-copy of draft
39	DOI	030687	Bodkin	Final	Alternative Sampling Designs for Nearshore Monitoring	Sent Out For Peer Review, No Response - Process Re-Started		Draft Final Report found in stack in Brenda's office, dated 12/03 - needs to go out for peer review? 3/30/03 - found email from Bob Clark dated 5/17/05 indicating that he would get peer review
40	NOAA	99163	D. Duffy	Final	APEX	Sent Out For Peer Review, No Response - Process Re-Started	Submitted 8/19/02 - Spies	(3/14/05) Gail sent Bob Spies an email asking him to get to this by 7/06 - do we have a copy of the draft?
41	NOAA	00454	Rice	Final	Salmon natal habitats	Sent Out For Peer Review, No Response - Process Re-Started	Never submitted; was due 9/30/01; then expected 3/31/03; now expect 6/10/03 -Final Report (four chapters) will be submitted 11/1/03 - last manuscript now due 10/15/03 - Final report expected 12/1/03 (per P. Hagen) - email from PI stating that he will have report to us by May 1, 2003 (see email 11/12/03) - P. Hagen has sent a copy our way 11/26/03 - CD Sent in by M. Cairs for peer review (Spies)	Starting peer review process over again - per Gail Phillips (3/14/05) - draft copy found 3/29/05
42	NOAA	00598	Short	Ms.	EVO vs. regional background hydrocarbons	Sent Out For Peer Review, No Response - Process Re-Started	Never submitted; was due 8/00; was expected 7/1/01; then 5/02; then 8/02; then 12/02; now 5/1/03; now due 7/1/03; subject to FOIA, will submit 1/1/04 (per P. Hagen) - update 2/26/04 will be complete by 3/8/04 (per P. Hagen). Submitted for review to Spies 6/04.	Starting peer review process over again - per Gail Phillips (3/14/05) - have e-copy of draft. 3/30/05 - found email from B. Spies to P. Mundy indicating that Bob would take the lead in getting this report peer reviewed (i.e., he reviews and then sends it to others for review)

Overdue Project Reports (as of 6/1/2005)

	A	B	C	D	E	F	G	H
43	NOAA	01452	R. Thorne/ G. Thomas	Final	Pink fry - prey & predators	Sent Out For Peer Review, No Response - Process Re-Started	Submitted 9/10/02 -Spies	(3/14/05) Gail sent Bob Spies an email asking him to get to this by 7/05 - do we have a draft?
44	NOAA	01599	Short	Final	Yakataga oil seeps	Sent Out For Peer Review, No Response - Process Re-Started	Never submitted; was due 4/15/02; now expect 6/1/03; now due 7/1/03. subject to FOIA, will submit 1/1/04 (per P. Hagen) update 2/26/04 will be complete by 3/8/04 (per P. Hagen)	Found email from Brenda to Bob Spies (11/2/04) indicating has been sent to him for review. have e-copy of draft final, also have an annual report
45	NOAA	02543	Short	Final	Remaining oil - intertidal	Sent Out For Peer Review, No Response - Process Re-Started	Never submitted; was due 9/30/02; then expected 1/15/03; then 3/15/03. Final report, comprising primarily of the accepted ms. Will be submitted 10/15/03 (per P. Hagen). Draft Final report emailed to B. Spies 10/28/03 for peer review (email from M. Lindeberg 10/28/03)	Starting peer review process over again - per Gail Phillips (3/14/05) - draft copy found 3/29/05
46	NOAA	030575	Sigman	Final	Plan for Community Involvement in GEM	Sent Out For Peer Review, No Response - Process Re-Started	found handwritten notes indicating that the has been peer reviewed by Kate Wynn (her comments are included and indicate as-is approval). P. Munday seems to have indicated that another review was needed (5/16/04). Weingartner agreed to do a Level 1 review (6/17/04). Have Phil and K. Wynn's comments been returned to PI?	Starting peer review process over again - per Gail Phillips (3/14/05) - have hard copy of draft
47	NOAA	030641	Harper	Final	ShoreZone Mapping for GEM	Sent Out For Peer Review, No Response - Process Re-Started	Final report due 4/30/03 (workshop report and protocol). Final report expected Dec 1. (email Oct 13, '03) - Submitted Draft Final report for peer review - Out for peer review (Cherri W.) 12/2/03 - being reviewed by S. Pegau , R. Heintz , S. Okkonen 12/5/03 & V. Byrd (rtnd review 1/20/04)	Starting peer review process over again - per Gail Phillips (3/14/05) - have hard copy of draft
48	**Returned to PI for Revision, needs to go to ARLIS for format reivew**							
49	**Lead**	**Project**	**PI**	**Final or**	**Project Title**	**Current Status of**	**Status Updates**	
50	**Agency**	**Number**		**Annual**		**Report**	**Update History, Pre-8/19/04**	**Recent Updates**
51	ADFG	030684	A. Muzumder	Final	Toward Sustainable Management in the Kenai River Watershed	Returned to PI for Peer Review Revisions	Final report due 9/30/03. emailed project manager for update 2/6/04 - Draft final report submitted (note to phil on peer review) 4/19/04	2/25/05 - Found peer review comments and letter (dated 10/22/04) indicating that these had been transmitted to PI

Overdue Project Reports (as of 6/1/2005)

	A	B	C	D	E	F	G	H
52	ADFG	99139A2	Dickson	Final	Port Dick restoration	Returned to PI for Peer Review Revisions	Peer reviewed; returned to PI for revision 12/15/00. emailed project manager for update 2/6/04. request for update 05/04 - 06/04 Update from Project Manager: Met with contractor (G. Coble) regarding his portion of report. He plans to provided ADFG PI and PM expects complete report by 6/25/04	Per Mark via B. Huber - revisions expected by 3/17/05
53	NOAA	00482	Jellett	Final	PSP	Returned to PI for Peer Review Revisions	Peer reviewed and returned to PI for revision 1/7/02. PI claims due to change of business has no copy, may need to use what we have as final (per Sandra's email to Pete 5-9-03) PENDING per Pete Hagen 9/30/03 - emailed project manager for update 2/6/04. request for update 05/04 - 06/04 Update from Project Manager: Suggest going with draft as final report. BH will bring past Gail and Phil for approval to proceed	No recent update
54	NOAA	01163	APEX synthesis ms (M/E/I) (Duffy)	Ms.	APEX synthesis ms (M/E/I)	Returned to PI for Peer Review Revisions	submitted 8/31/03 - Spies. Piatt says in email 9/29/03, they went to the printers that day. - C. Holba states the format has not been sent in for her review. 10/27/03	Gail sent email to Bob Spies asking about info on any/all APEX projects (3/14/05)
55	NOAA	02195	Short	Final	Pristane	Sent Out For Peer Review, No Response - Process Re-Started	Never submitted; was due 9/30/02. Subject to FOIA, will submit 12/01/03 (per P. Hagen) - updated 2/26/04 will be complete 4/30/04 (per P. Hagen). No response from Project Manager resent overdure report list 5/04. Request for update 05/04 - 06/04 Update from Project Manager: A draft Report will be sent out tomorrow (06/10/04) with cover letter - which I hope will deal with fund contingent issues. (BH this will put this project under "being peer reviewed" catagory)	per Pete Hagen will submit all chapter bound as one by end of 4/05, shouldn't need much more peer review as is PhD thesis, have copy of draft
56	**Peer Reviewed, Revised and Approved, needs to go to ARLIS for format review**							
57	**Lead**	**Project**	**PI**	**Final or**	**Project Title**	**Current Status of**	**Status Updates**	
58	**Agency**	**Number**		**Annual**		**Report**	**Update History, Pre-8/19/04**	**Recent Updates**
59	ADFG	02423	Atkinson	Final	Hormonal, Viral and Nutritional Studies on Captive Harlequin Ducks	Peer reviewed, revised and approved		found letter dated 5/20/04 indicating approval by Bob Spies, Approval letter sent 3/14/05
60	ADFG	02612	Johannes (Hauser)	Final	Detecting and Understanding Marine-Terrestrial Linkages	Peer reviewed, revised and approved		2/25/05 - stickie on front of draft says "w/ Carrie for format review!". Carrie does not have it. Found correspondence dated 4/25/03 indicating PI was notified of approval. 2nd Approval letter sent 3/14/05
61	ADFG	02613	Harper	Final	Mapping marine habitats - PWS/Kenai	Peer reviewed, revised and approved	Never submitted; was due 12/31/02 (received CDs and tapes but not report).- have a copy of the final report for peer review, Phil has looked it over and passed it on to Cherri - Has PI ben notified re: approval of final report for submission to Carrie for her approval on format? - Cherri has emailed Carrie asking her status on this report 9/16/03. C. Holba has tried to contact for submittal of format pages, no response from PI 11/4/03	2/24/04 - per Carrie Holba - all this needs is format pages. Also, need to decide what to do with set of 9 video casettes? Keep at ARLIS as an Appendix? Approval letter sent 3/14/05

Overdue Project Reports (as of 6/1/2005)

	A	B	C	D	E	F	G	H
62	ADFG	030462	Marty	Ms.	Effect of Desease on Recovery of Pacific Herring	Peer reviewed, revised and approved		2/25/05 - found emails (dated 7/04) indicating that the (CJFAS) ms. was submitted to Phil and B. Huber. Needs to go to Carrie with format pages. Approval letter sent 3/14/05

Overdue Project Reports (as of 6/1/2005)

	A	B	C	D	E	F	G	H
63	DOI	01534	Ballachey	Final	P4501A in sea otters	Peer reviewed, revised and approved	Peer reviewed; returned to PI for revision 5/28/02; The PI revised this Final Report with respect to peer review comments, and we submitted it to Dr. Spies for approval on 8/4/03. Approved by Spies and Mundy, letter sent to PI 5/04	Approval letter sent 3/14/05
64	DOI	01555	Lanctot	Final		Peer reviewed, revised and approved	Reviewers comment incorporated in to final report. Report send back to B. Spies for approval and a copy to EVOS. Need to check with Spies for status 1/28/2004. Approved by Spies and Mundy, letter sent to PI 5/04. At ARLIS for final formatting	2/28/05 - per C. Holba - NOT at ARLIS, Approval letter sent 3/14/05
65	DOI	030423	J. Bodkin, B. Ballachey/USGS	Final	Patterns and Processes of Population Change in Selected Nearshore Vertebrate Predators	Peer reviewed, revised and approved	Final report due 11/30/03. D. Bohn sent a draft final report to Bob Spies for Peer Review 12/15/03, a draft copy is also available at the EVOS office. Approved by Spies and Mundy, letter sent to PI 5/04. At ARLIS for final formatting.	2/28/05 - per C. Holba - NOT at ARLIS, Approval letter sent 3/14/05
66	DOI	030656	G. Irvine	Final	Retrospective Analysis of Nearhosre Marine Communities Based on Analysis of Archaeological Material and Isotopes	Peer reviewed, revised and approved	Final report due 9/30/03. 4 copies are being hand-carried by Bodkin to the Lingering Oil meeting. I will submit other copies (hard and digital) D. Bohn received copies of final report. With Spies for peer review 11/7/03. Approved by Spies and Mundy, letter sent to PI 5/04. At ARLIS for final formatting.	2/28/05 - per C. Holba - NOT at ARLIS, Approval letter sent 3/14/05
67	NOAA	01468	Thomas	Final	FEATS	Peer reviewed, revised and approved	Peer reviewed; returned to PI for revision 1/2/02. Complete but not at ARLIS? - Published as manuscript - converting draft final report in to final report with indication that peer review comments have not been addressed. PER PHIL MUNDY EMIAL 10/27/03	No recent update, Approval letter sent 3/14/05
68	NOAA	02401	Rice (Hughey)	Final	Assessment of Spot Shrimp Abundance	Peer reviewed, revised and approved		found letter dated 5/20/04 indicating approval by Bob Spies, Approval letter sent 3/14/05
69	NOAA	02552	Vaughan	Final	Exchange Between Prince William Sound and the Gulf of Alaska	Peer reviewed, revised and approved	Final report due April 15, 2003. - In review 9/16/03 - Phil gave to Cherri to send out for review 9/16/03 - Vernon Byrd will review this report before Nov. 1, 2003 (see email)/2nd email state he will not be able to review the report before the deadline. Out for peer review 10/1/03. (weingartner and Pegau). Approved by Spies and Mundy, letter sent to PI 5/04. At ARLIS for format review.	2/25/05 - per C. Holba - NOT at ARLIS, we have hard copy of review comments, Approval letter sent 3/14/05
70	NOAA	030585	J. Rice/ J. Short	Final	Lingering Oil: Bioavailability and Effects to Prey and Predators	Peer reviewed, revised and approved	Final report due 9/30/03. submitted annual report 9/19/03 - Now due 11/7/03 per B. Ballachey's email - D. Bohn received draft final report, sent to B. Spies for peer reivew 11/7/03. Approved by Spies and Mundy, letter sent to PI 5/04. At ARLIS for final formatting	2/28/05 - per C. Holba - NOT at ARLIS, Approval letter sent 3/14/05

Overdue Project Reports (as of 6/1/2005)

	A	B	C	D	E	F	G	H
71	NOAA	99347	R. Heintz	Final	Fatty acids & lipids	Peer reviewed, revised and approved	Submitted 7/29/02 - Spies. Approved by Spies and Mundy, letter sent to PI 5/04. At ARLIS for final formatting.	2/28/05 - per C. Holba - NOT at ARLIS, Approval letter sent 3/14/05
72	**Format Pages sent to ARLIS, returned to PI for revisions**							
73	Lead	Project	PI	Final or	Project Title	Current Status of	Status Updates	
74	Agency	Number		Annual		Report	Update History, Pre-8/19/04	Recent Updates
75	ADFG	00375	E. Brown	Final	Herring Egg Distribution	Draft Final Submitted		4/19/05 - Submitted as PhD dissertation with format pages, says this does not need more review, emailed to Dick for approval. Approval letter sent 4/19/05, format pages sent to ARLIS
76	ADFG	02441 (01441)	Davis	Final	Harbor Seal Recovery. Phase III	Format Pages sent to ARLIS, returned to PI for revisions		found letter dated 5/20/04 indicating approval by Bob Spies, Approval letter sent 3/14/05, Carrie received format pages 3/29/05
77	ADFG	030642	N. Foster	Final	Database on the Marine Invertebrate Macrofauna of PWS	Format Pages sent to ARLIS, returned to PI for revisions	Final report due 9/30/03 (web-based database). emailed project manager for update 2/6/04.Approved by Spies and Mundy, letter sent to PI 5/04. At ARLIS for final formatting.	2/28/05 - per C. Holba - revision letter sent 10/21/04
78	DOI	00169	Friesen	Final	Seabird genetics	Format Pages sent to ARLIS, returned to PI for revisions	Never submitted; was due 3/31/02; then expected 5/31/02; THEN expected 7/31/02. submitted to J. Piatt, co-PI, for his review, July 2003. paper and digital copies are being sent to Bob Spies and Phil Mundy, D. Bohn received copies of final reportD. Bohn received copies of final report 11/6/03/ with C. Womac to go out for Peer Review. Approved by Spies and Mundy, letter sent to PI 5/04. At ARLIS for final formatting.	2/28/05 - per C. Holba - revision letter sent 9/30/04
79	NOAA	99090 (00090)	Carls (Harris)	Final	Mussel bed monitoring	Sent Out For Peer Review, No Response - Process Re-Started	Never submitted due to loss of 2 ABL personnel; was due 4/15/00; due date was extended to 8/25/00; then expected 1/1/01; then expected 4/02; now expected 4/03. (ms. also not submitted). request for update 05/04 - 06/04 Update from Project Manager: Report is nearly complete and will so under go internal. ABL review - PI is currently out of town but I expect it can be submitted by 8/1/04 if not before.	3/15/05 - email from Pete Hagen says that this has been submitted and was made available through ftp, I have asked him to make it available again, was sent to Bob Spies for peer review. made available again on 4/11/05 - P. Hagen says that this report has been internally peer reviewed at NOAA and by journal reviwe panels, does not need EVOS peer review. D. Dworsky agrees. Approval letter sent 4/19/05, format

Overdue Project Reports (as of 6/1/2005)

	A	B	C	D	E	F	G	H
80	NOAA	00493	Anderson	Final	Trawl survey	Peer reviewed, revised and approved	Peer reviewed; returned to PI for revision 7/12/01. Undergoing format revision - per C. Holba - on hold until peer review approval is confirmed 11/4/03	2/28/05 - per C. Holba - notified PI to send it to me (Carrie) after peer review approval 11/5/03. Found handwritten note from P. Mundy indicating approval. Sent letter 3/31/05
81	**ARLIS Approved, Returned to PI for Printing, Prints need to be returned to ARLIS**							
82	Lead	Project	PI	Final or	Project Title	Current Status of	Status Updates	
83	Agency	Number		Annual		Report	Update History, Pre-8/19/04	Recent Updates
84	ADEC	02668	Cooper	Final	Developing an Interactive Water Quality and Habitat Database	Being Printed by PI		Carrie has this at ARLIS (2/24/05) will check over and respond to PI. 2/28/05 - Approved by ARLIS (PI has been notified today [2/28/05]), being copied.
85	ADFG	96258-2	Swanton	Final	Sockeye Salmon Overescapement Project	Being Printed by PI	Submitted 5/8/02 - Spies	95258A-2 was approved by ARLIS (9/28/04), being copied (9/30/04).
86	ADFG	00341	M. Castellini	Final	Harbor seal health & diet	Being Printed by PI	Submitted 7/31/02 - Spies	Approved by ARLIS (12/2/04), being copied (2/17/05)
87	ADFG	00374	Norcross	Final	Regional Analysis of Juvenile Herring	Being Printed by PI		Approved by ARLIS (9/28/04), being copied (2/24/05)
88	ADFG	02247	McCullough	Final	Kametolook River	Being Printed by PI	Never submitted; was due 9/30/02; then expected 2/15/03; now expected 5/5/03. Received draft final report; Spies is peer reviewing 10/03. Approved by Spies and Mundy, letter sent to PI 5/04.	Approved by ARLIS (9/28/04), being copied (9/30/04).
89	ADFG	02538	Otis	Final	Discrimination of herring stocks	Being Printed by PI	Never submitted; was due 9/30/02; email 9/29/03, states they can not submit report until December 03, see ED's reply - Next due Oct 31, 2003 - emailed Draft to Spies and Mundy 11/14/03 - being peer reviewed by S. Fried by 1/15/04 (rtnd 1/20/04), M. Willette 12/11/03 - J. Nielsen rtn review by12/11/03 (rtnd 2/12/04). Paul Hershberger review due by 1/7/03. Approved by Spies and Mundy, letter sent to PI 5/04.	Approved by ARLIS (9/28/04), being copied (9/30/04).
90	ADFG	02593	Jewett	Ms.	Forageing and Communication in River Otters	Being Printed by PI	approved by Phil - With Carrie for final formatting 10/16/03. Contacting PI to request submittal of format review pages 11/4/03.	Approved by ARLIS (11/10/03), being copied (9/30/04). PI says may take some time for journal to get it to him

Overdue Project Reports (as of 6/1/2005)

	A	B	C	D	E	F	G	H
91	ADFG	02671	D. Stram	Final	Coordinating Volunteer Vessels of Opportunity to Collect Oceanographic Data in Kachemak Bay and Lower Cook Inlet	Being Printed by PI	Reviewed and approve by Phil - sent to Carrie for final formatting 9/16/03. revisions on hold until report number is confirmed.	Approved by ARLIS (11/10/03), being copied (9/30/04)
92	NOAA	01393	Kline	Final	PWS food webs	Being Printed by PI	Peer reviewed; returned to PI for revision 9/5/02. - Revised and sent to Bob Spies 8/6/03 per Pete Hagen. Approved by Spies and Mundy, letter sent to PI 5/04. 2/28/05 - per C. Holba - ARLIS revision letter sent 7/19/04.	Format approved by ARLIS (3/22/05), being copied.
93	NOAA	02622	Whitney	Maps	ESI maps Cook Inlet/Kenai	Being Printed by PI	Never submitted; were due 7/31/02.	CD ROM's - no format review11/4/03. Approved by ARLIS, being copied (9/30/04)

Meeting Notes
Exxon Valdez Oil Spill Trustee Council
Investment Working Group Meeting
April 21, 2005
9:00 a.m. – Anchorage
Teleconference

Investment Working Group Members:

Gary Bader
Chief Investment Officer -Treasury Division, ADOR

James Balsiger
Administrator, Alaska Region, NOAA

Peter Bushre

Craig Tillery
Assistant Attorney General, ADOL

Bruce Nesslage
Budget Officer/Restoration Fund Manager, USDOI

Barry Roth
Office of the Solicitor, USDOI

Michael Burns
Executive Director
Alaska Permanent Fund Corporation, ADOR

- Call to Order at 9:10 a.m.

- Members present – Craig Tillery, Gail Phillips, Paula Banks,

  On-line – Gary Bader, Michael Burns

  Absent - Bruce Nesslage, Barry Roth, Peter Bushre

- Executive Director Comments

  Gail Phillips, Executive Director thanked everyone for their participation. She made a recommendation to assign a Chair person for the group. She addressed the need for possible changes in group members that do not attend the meetings to stress the need of active participation.

- Chairperson – Burns nominated Bader as chair, Bader agreed. It was the group's consensus that Gary Bader would serve as Chair.

- Report on Callan Projections

Gary Bader, Department of Revenue gave a report on the 2005 Callan Projections – The US economy looked hot in 2004, but the expansion has been underway for several years, and growth has actually continued at an orderly, unspectacular pace. Inflation remains a low level threat, despite what the headlines read. Expect low inflation, a low interest rate, and a low return environment.

- Discussion

The group discussed the current asset allocation policy in relation to the current Callan projections and arrived at a recommendation to bring to the Council for action at their June 2005 meeting in Cordova. Gail Phillips requested that Gary Bader attend the Trustee Council meeting in Cordova, present a brief summary of the Callan Report, the Investment Working Group's Asset Allocation Policy recommendation, answer questions, compile and provide back up materials. A resolution regarding the new asset allocation policy will be presented to the Council for adoption.

The group talked about the Council's past discussions regarding their desire to realize a minimal rate of growth while providing for annual disbursements and inflation proofing the fund. This intent is supported by the IWG's recommendation for an asset allocation policy (table 1) that would target a 7.5% real rate of return providing a 4.5% annual disbursement plus 2.6% inflation projecting an anticipated growth of .04%.

(Table 1.)	Broad Market	International	Domestic	RRR	PRR
Deviation	(+/-7)	(+/-5)	(+/-7)		
Recommendation	46.36%	17.32%	36.31%	7.50%	7.50%
Current	42%	17%	41%	7.25%	7.25%
Actual	37.71%	20.2	42.27%	7.42%	7.42%

RRR = Real Rate of Return PR = Projected Rate of Return

Attachments to these meeting notes include:
2005 Callan Projections
SOA-DOR-Treasury Division – Asset Allocation Policy with Act
Investments Holdings - March 31, 2005 Report
Summary of Asset Mix Alternatives (received from Gary Bader)

- Adjourned at 10:05 a.m.

STATE OF ALASKA

DEPARTMENT OF REVENUE

FRANK H. MURKOWSKI, GOVERNOR

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TREASURY DIVISION
April 26, 2005

Ms. Gail Phillips, Executive Director
Exxon Valdez Oil Spill Trustee Council
441 W. 5th Ave., Suite 500
Anchorage, AK 99501-2340

REVISED

Dear Ms. Phillips:

On April 21, 2005 the investment work group met to discuss the investment of assets under the stewardship of the Exxon/Valdez Oil Spill Trust Council. The committee reviewed capital market assumptions developed by Callan Associates. The Callan assumptions are based upon a five-year outlook and generally anticipate a low return investment environment.

The assumptions were entered into an asset allocation optimizer utilized by the Alaska Department of Revenue. The optimizer produces a number of possible investment returns based upon the expected return of an asset class and its correlation of returns with other asset classes.

The committee conducted lengthy discussion on the merits of the different asset allocations. It was the view of the committee that an asset allocation should be recommended that would allow the annual expenditure of 4.5% assets and a growth of assets slightly higher that the anticipated rate of inflation. Accordingly, the committee voted to recommend the following asset allocation to the council:

Equity – Broad Market	47% +/- 7%
Equity – International	17% +/- 5%
Fixed Income – Domestic	36% +/- 7%

Attached is a table displaying an array of asset allocations that could be selected by the Council. The committee's recommended asset mix is scenario #7. Scenario #7 has an expected return of 7.5% with a standard deviation of 11.17%. The alternatives to the left and right of scenario 7 vary the expected return assumption by .25%.

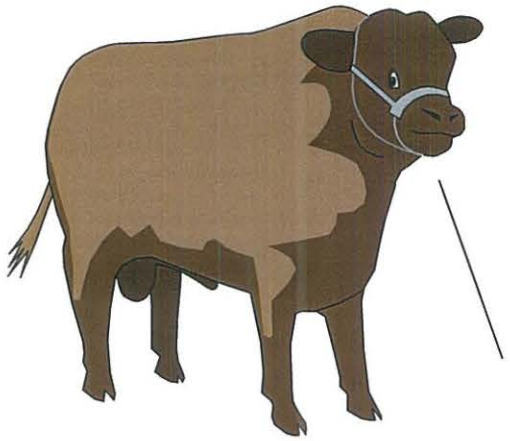
If I can be of additional assistance, please do not hesitate to call.

Sincerely,

Gary M. Bader

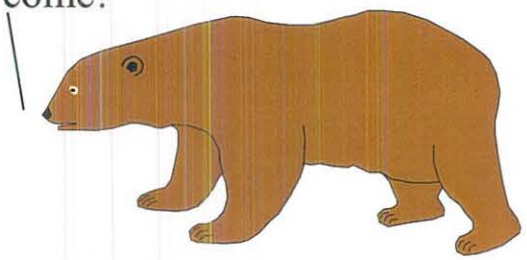
Gary M. Bader
Chief Investment Officer

Attachment



What do you mean? Look at inflation, earnings & interest rates. Stocks look cheap!

2003 & 2004 - Just a rally in a bear market more pain to come!



2005 Capital Market Outlook

Michael J. O'Leary CFA
Executive Vice President
January 2005

Callan's Capital Market Projection Process

Economic Outlook Drives Our Projections

- Evaluate the current environment and economic outlook for the U.S. and other major industrial countries:
  - Business cycles, relative growth, inflation.
- Examine the relationships between the economy and asset class performance patterns.
- Examine recent and long-run trends in asset class performance.
- Apply market insight:
  - Consultant experience - Plan Sponsor, Manager Search, Specialty
  - Industry consensus
  - Client Policy Review Committee
- Test the projections for reasonable results.

2005 Capital Market Projections

Guiding Objectives

- Our best thinking regarding the 5-year outlook, recognizing our median projections represent the midpoint of a range, rather than a specific number.
- Results that are readily defensible both for individual asset classes and for total portfolios.
- Conscious of the level of change suggested in strategic allocations for DB, DC and foundation/endowment clients.
- Reflect common sense and recent market developments.
- Balance conflicting goals and conflicting opinions.

After a Slow Start, Capital Markets Enjoy Second Straight Year in the Black

	1999	2000	2001	2002	2003	2004	Avg Ann Return Five Years 2000-04
Russell 3000	20.90	-7.46	-11.46	-21.54	31.06	11.95	-1.16
Russell 1000	20.91	-7.79	-12.45	-21.65	29.89	11.40	-1.76
S&P 500	21.04	-9.10	-11.88	-22.10	28.80	10.88	-2.30
Russell 2000	21.26	-3.02	2.49	-20.48	47.25	18.33	6.61
EAFE ($US)	26.96	-14.17	-21.44	-15.94	38.59	20.25	-1.14
LB Aggregate	-0.82	11.63	8.43	10.26	4.10	4.33	7.71
SB Non-US Bonds	-5.07	-2.63	-3.54	21.99	18.52	12.14	8.78
90-day T-bill	4.85	6.18	4.42	1.78	1.15	1.33	2.95
CPI-U	2.68	3.39	1.55	2.38	1.88	3.26	2.49

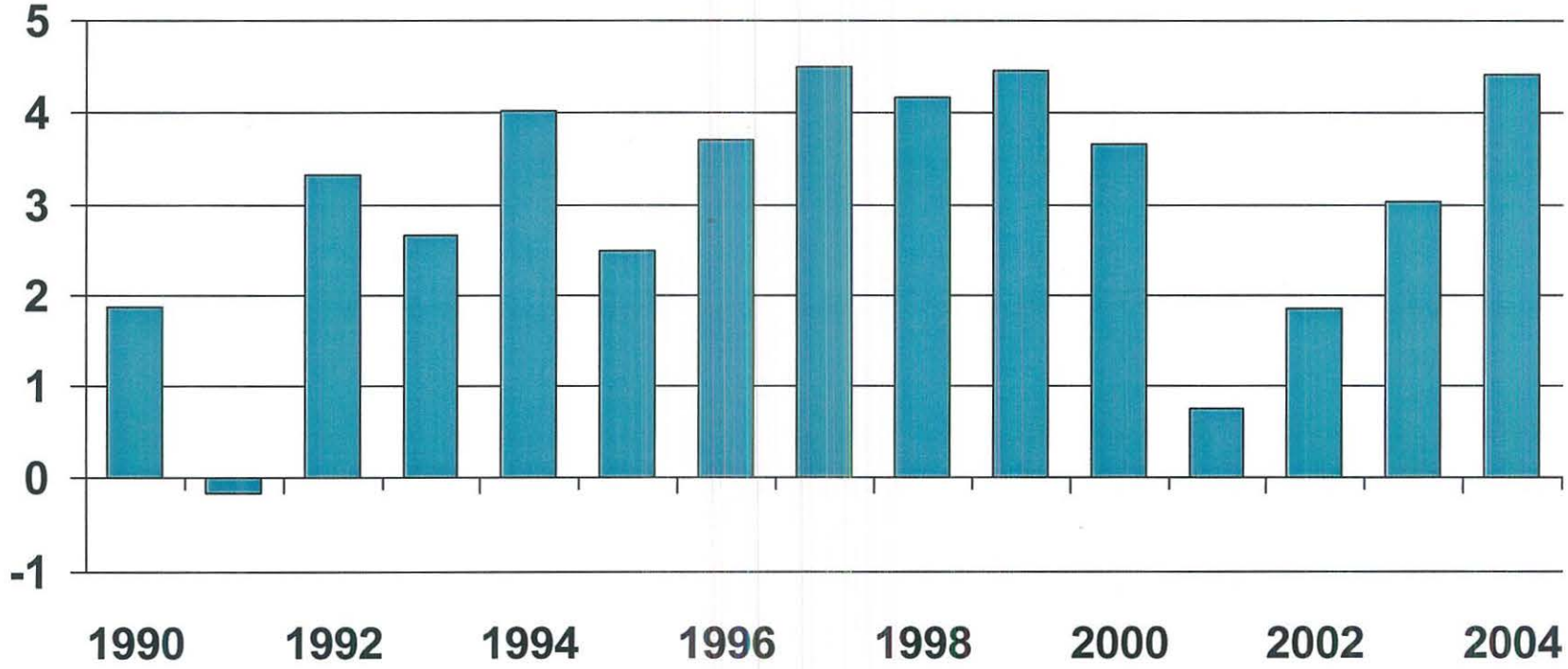
Leadership Passes From Consumers to Businesses

- With interest rates rising and tax cuts finished, the consumer spending boom is over. Moderate gains in employment and income will drive consumer spending.
- Housing markets have peaked but remain strong.
- Business equipment investment is surging in response to strong profits, growing markets, and technological advances.
- Nonresidential construction is beginning a slow recovery, restrained by excess capacity.
- Budget pressures on state and local government are easing as tax revenues rise, but federal stimulus is ending.
- Exports are rebounding in response to the dollar's depreciation and renewed growth in foreign markets.
- Outlook for 2005 is "good but not great".

The U.S. Expansion is Strengthening

2004 Saw Best Growth Since the Late 1990s

(Real GDP, annual percent change)



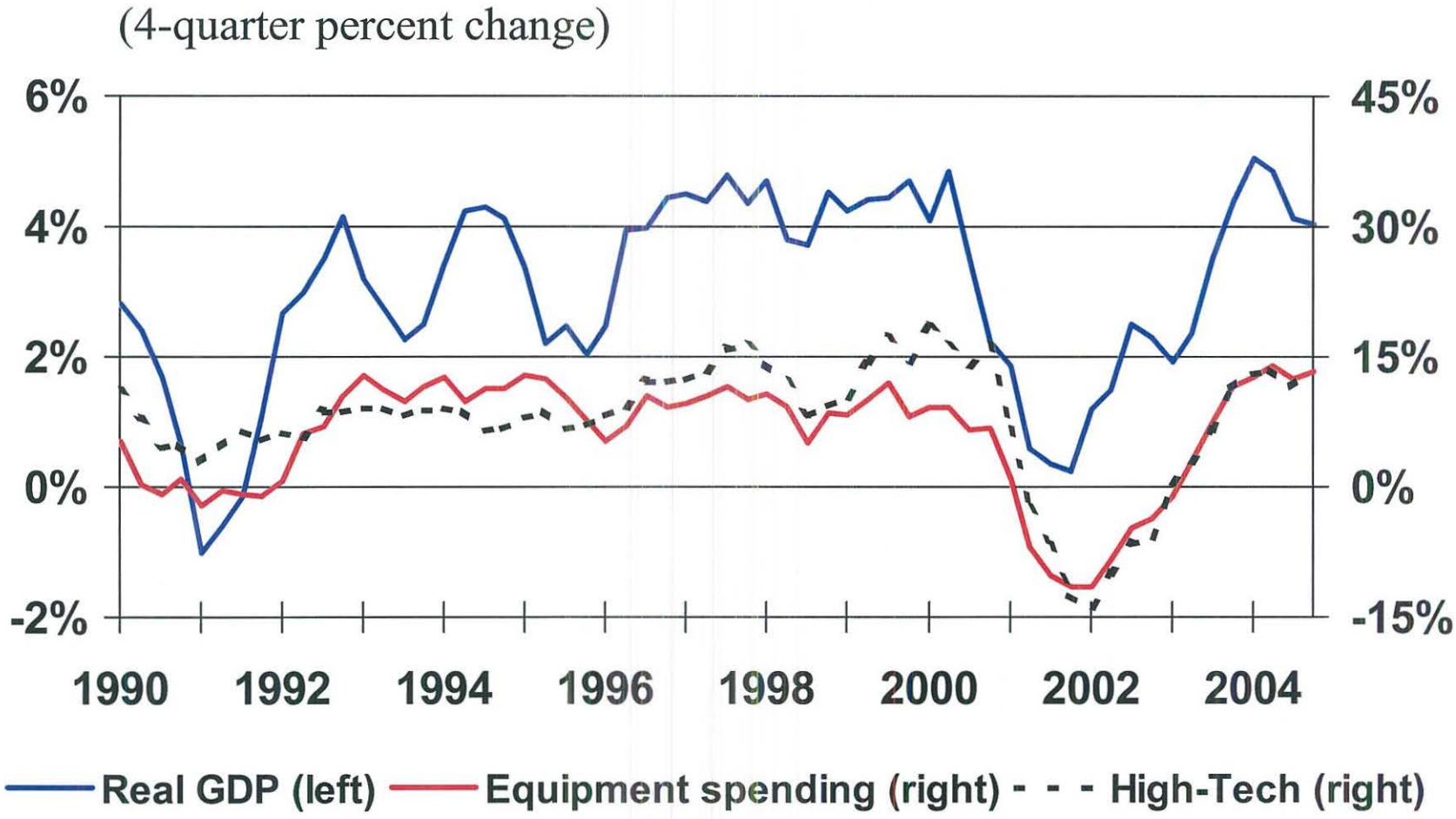
U.S. Economic Growth by Sector

(Annual percent change)

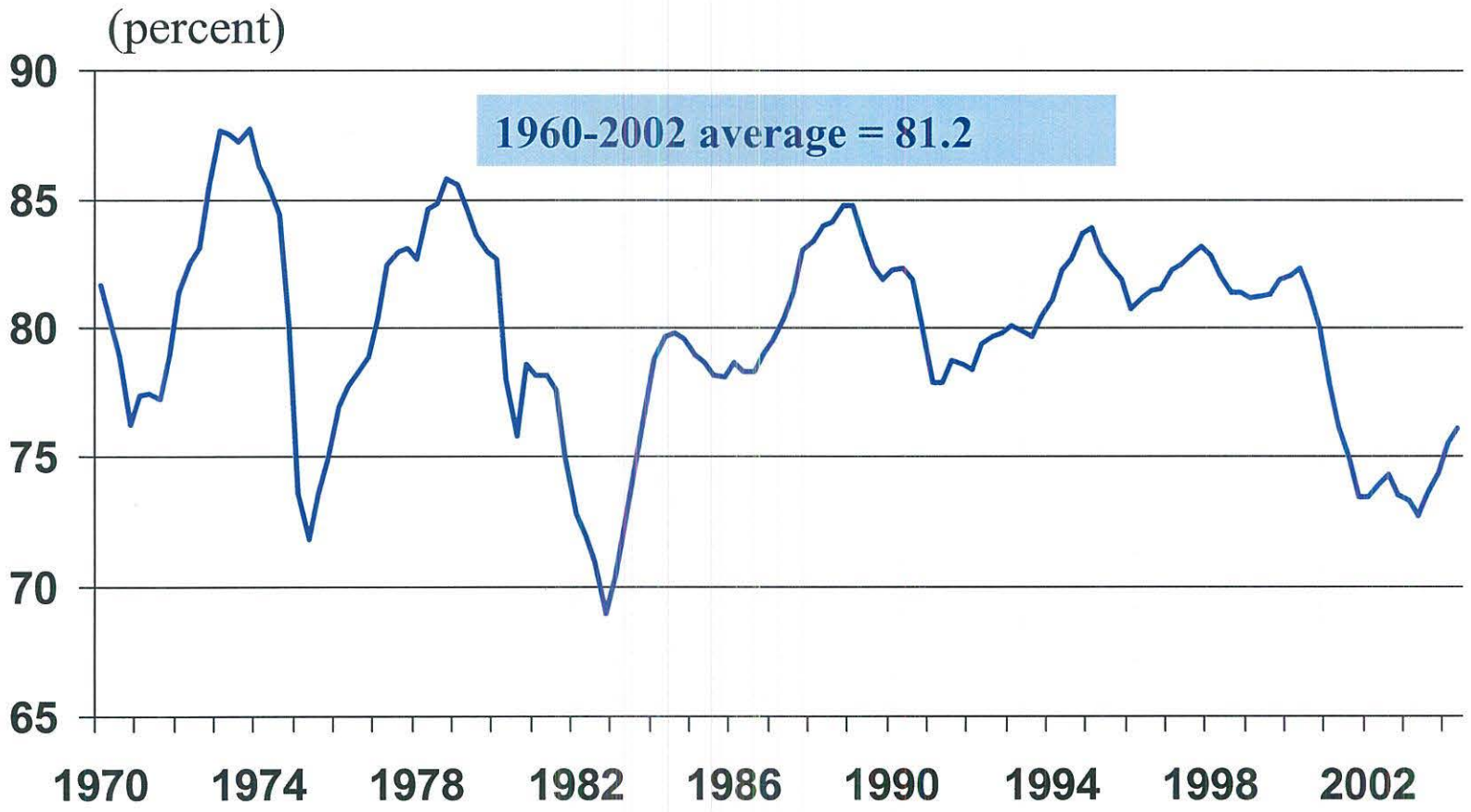
	2002	2003	2004	Direction of Change
Real GDP	1.9	3.0	4.4	Strengthening
Consumption	3.1	3.3	3.7	Moderating
Residential Investment	4.8	8.8	9.5	Peaking
Bus. Fixed Investment	-8.9	3.3	10.4	Surging
Federal Government	7.5	6.6	4.8	Winding Down
State & Local Govt.	2.8	0.7	0.5	Budget Pressures Easing
Exports	-2.3	1.9	8.9	Rebounding
Imports	3.4	4.4	9.8	Oil Prices

Industrial Production Is Rebounding

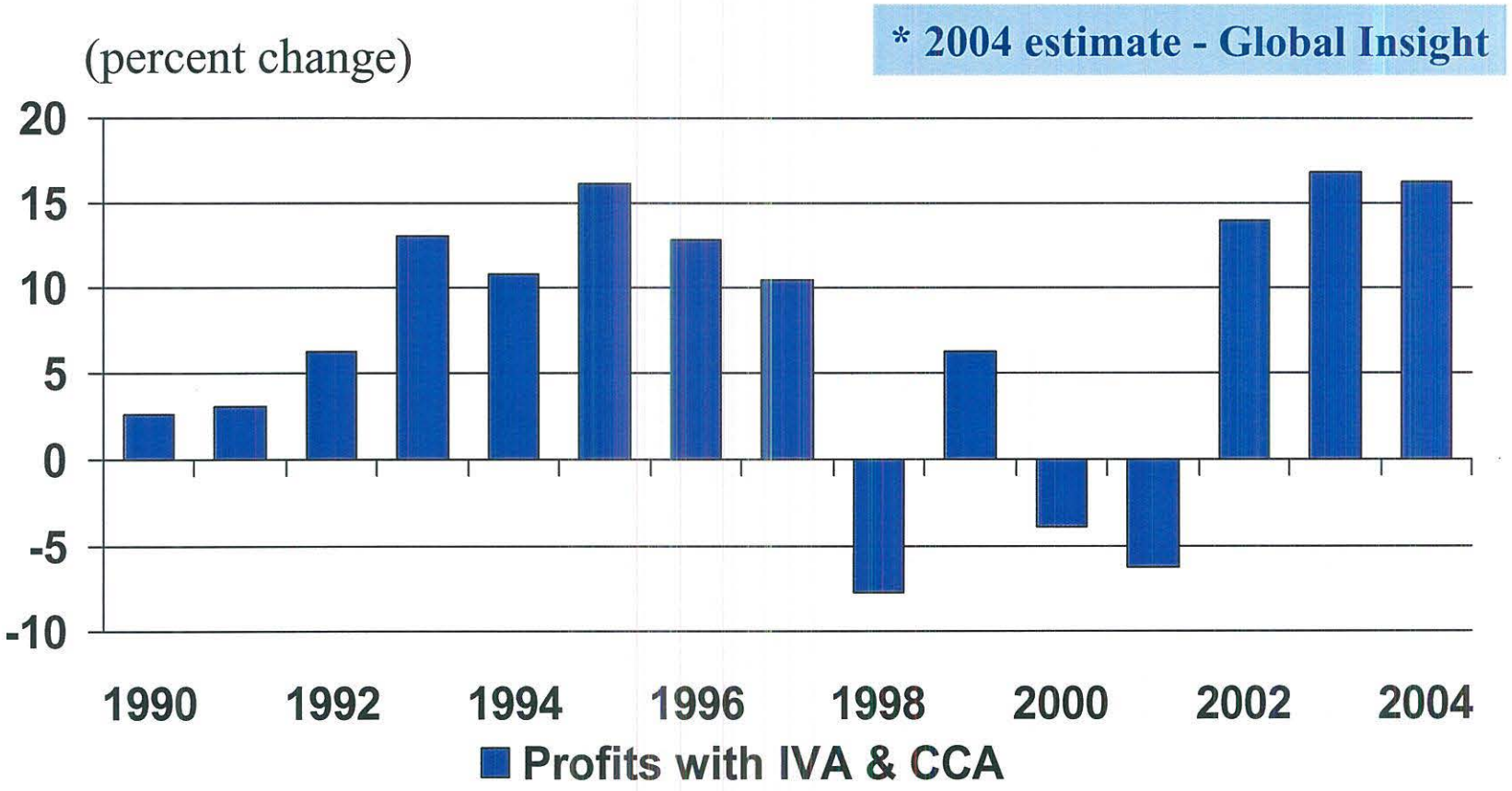
Capital Spending Follows GDP



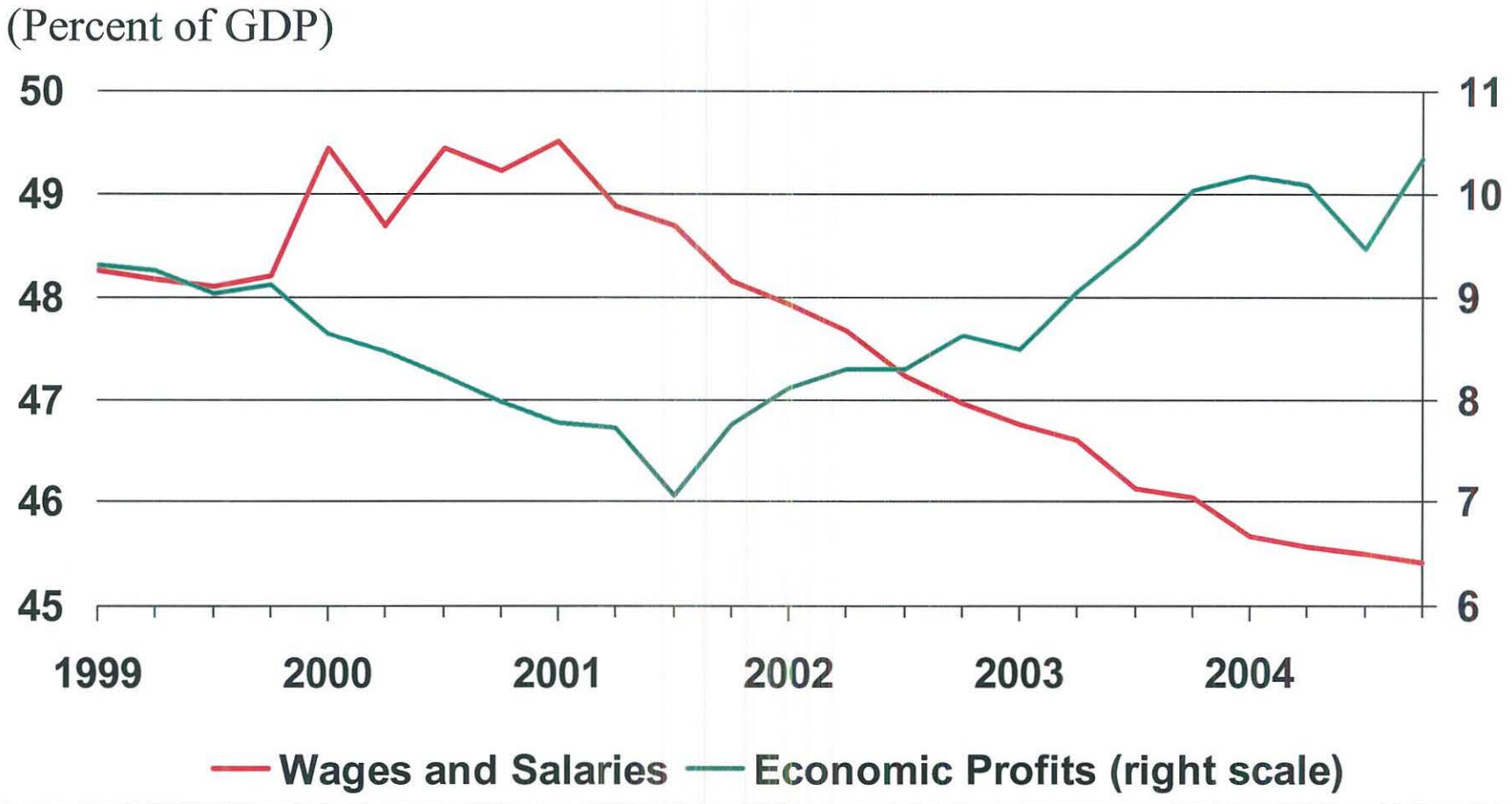
Manufacturing Capacity Utilization Finally Starting to Recover



A Third Good Year for Corporate Profits



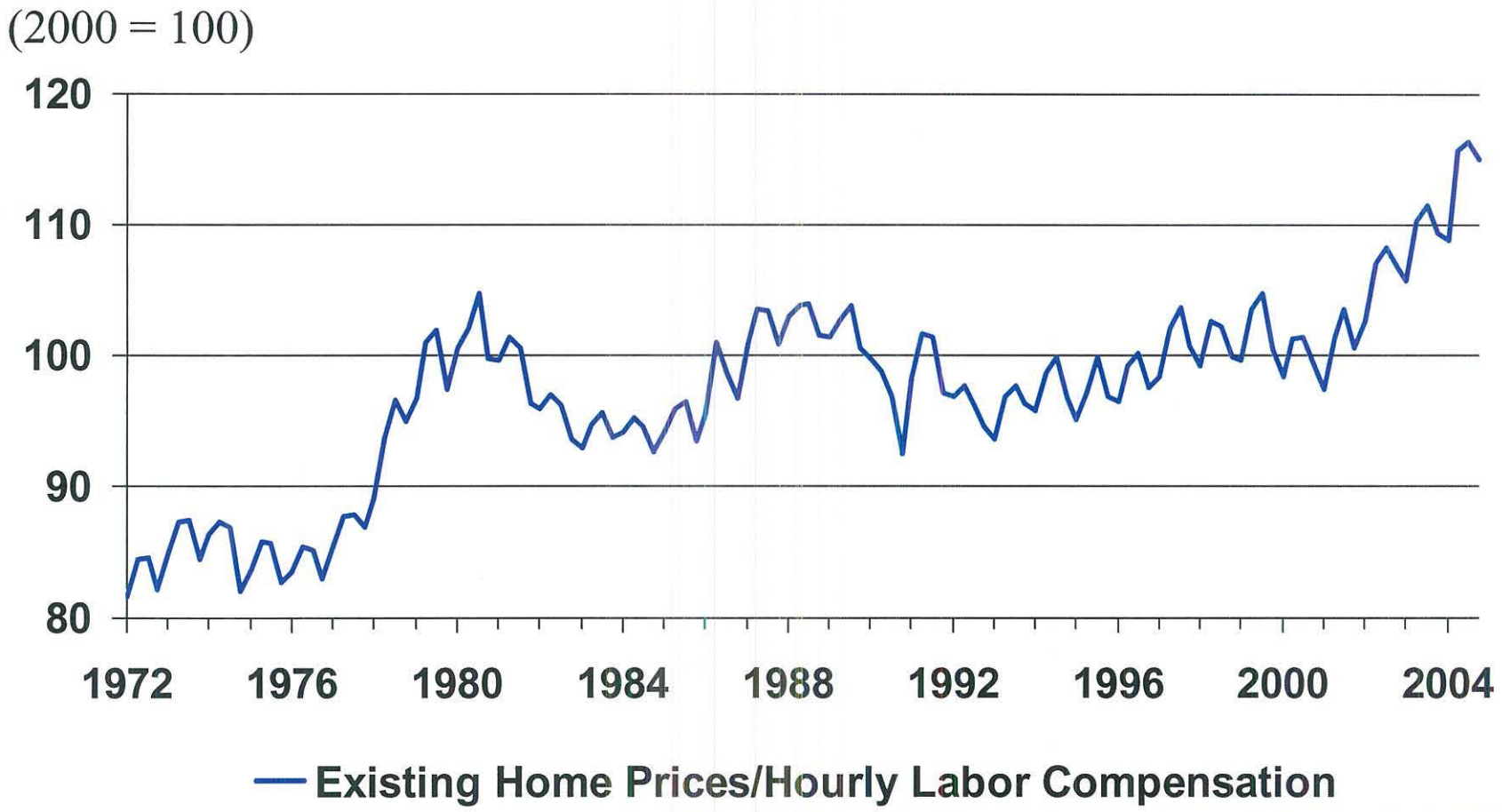
Productivity Growth Has Boosted Corporate Profits, But Not Wages



The Consumer Is Stretched

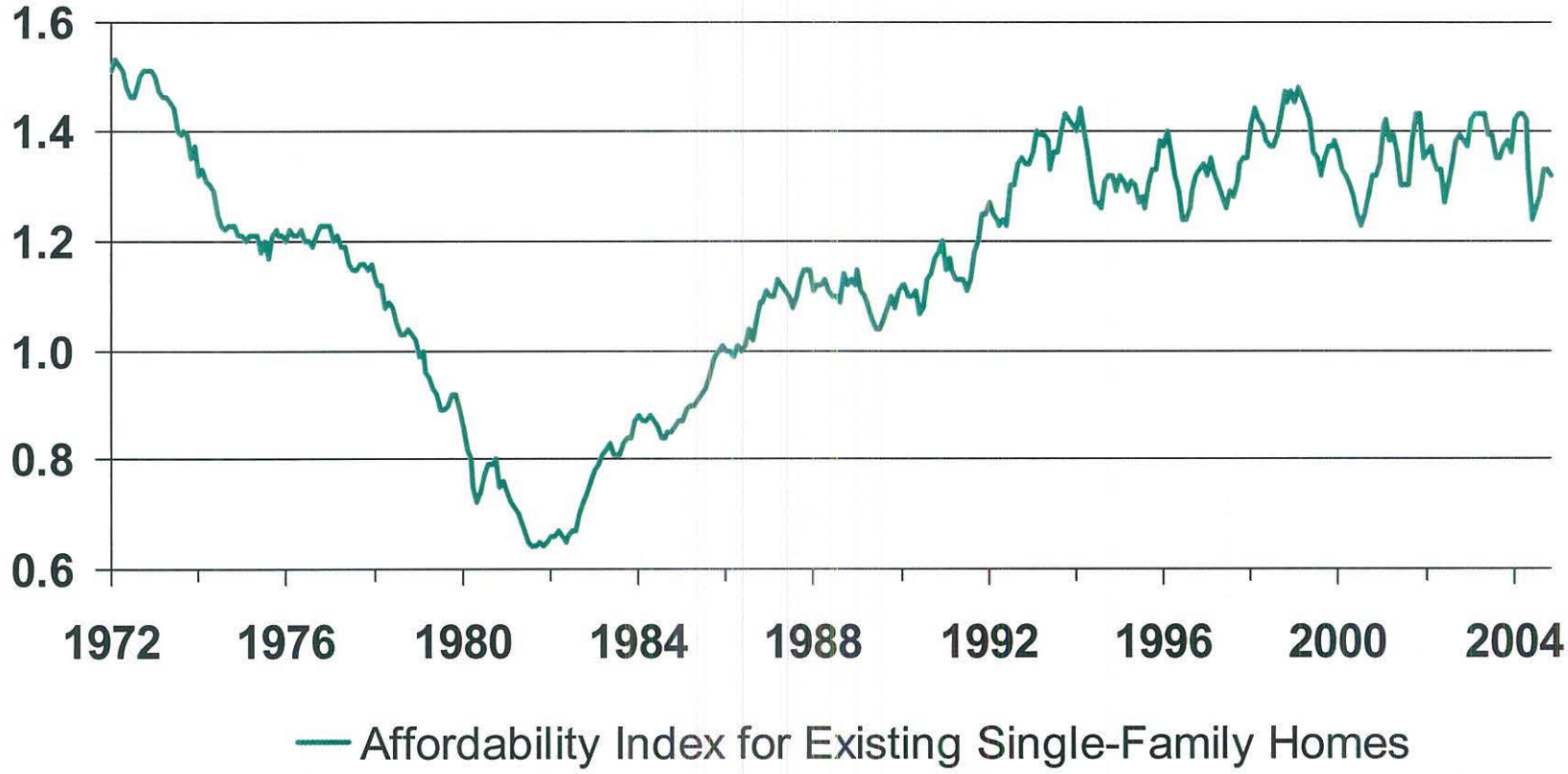
- Household net worth has recovered from its 2000-02 drop, thanks to rising home prices and the last two years' stock market rally. However, a low saving rate is limiting asset accumulation.
- Federal tax cuts have boosted disposable income growth for three years. Now tax burdens are likely to rise.
- Debt service burdens and the household financial obligations ratio peaked in late 2001. But rising interest rates will forestall further improvement.
- Net result will be a slowdown, but not a retreat.
- Rising employment and income will drive the next phase of the expansion in consumer spending.
- Credit card delinquencies will decrease slightly as the job market improves.

Home Prices Have Risen Sharply Relative to Wages...



…Although Low Interest Rates Mean That Homes Are Still "Affordable"

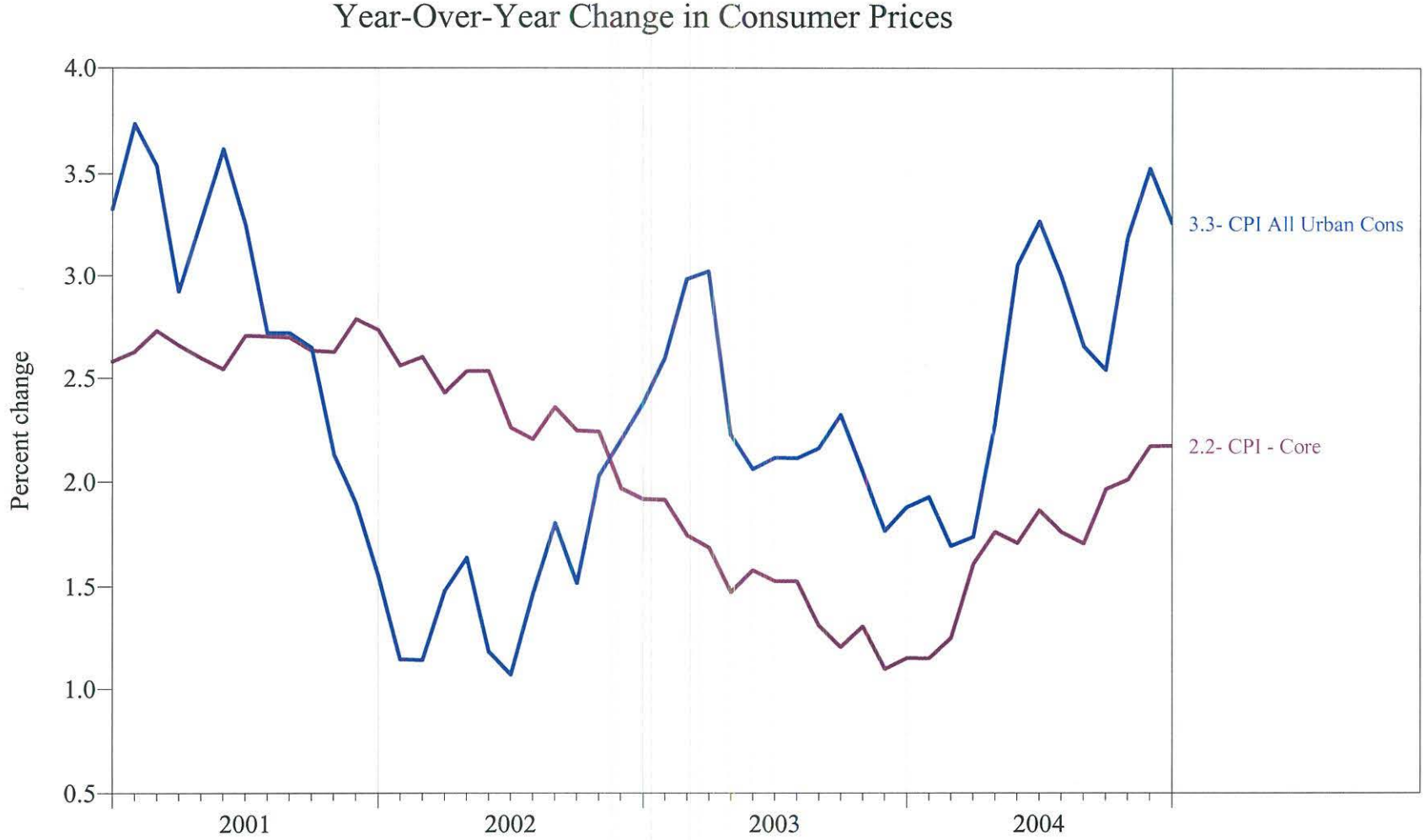
A higher index means homes are more affordable.



Inflation's (Temporary) Resurgence

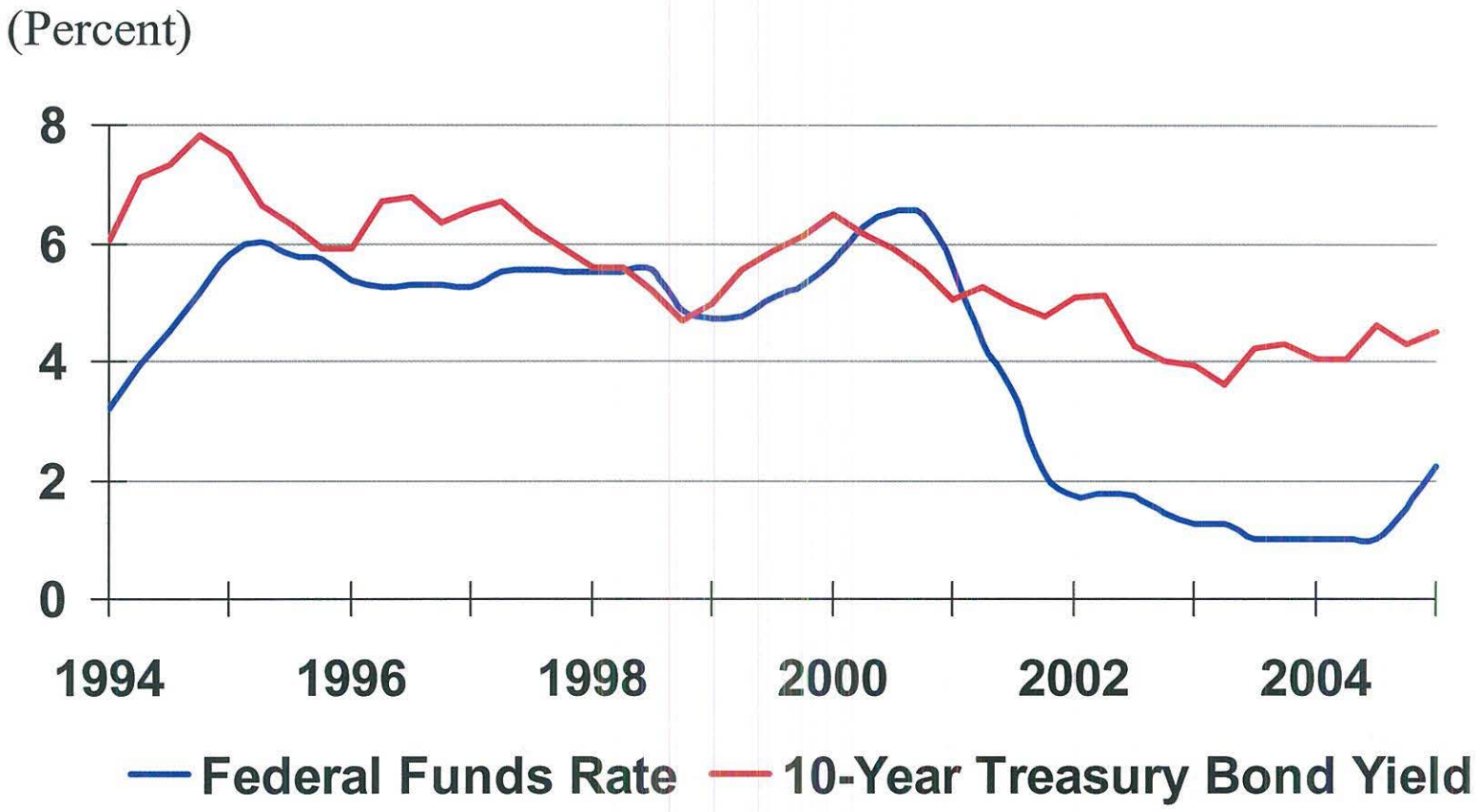
- Soaring energy costs, dollar depreciation, a synchronized (if modest) global expansion, and lean inventories have revived inflation.
- Global commodity prices also reached peaks at times in 2004.
- Consumer prices surged at a 4.1% annual rate in the first seven months of 2004, while core inflation reached 2.4%. For the full year, inflation was closer to 3%.
- Despite the headlines, this recent burst of inflation is temporary.
- Slack labor markets and rising productivity will keep unit labor cost increases in the 2% range.
- Oil prices in the $40s (or the $50s) don't mean the same now as in the early 1980s.
- Supply responses will eventually bring down energy prices.
- Bottom line: core inflation will settle in the 2.0-2.5% range after 2004.

Inflation Has Ticked Up...



The Fed is Moving Toward Neutral

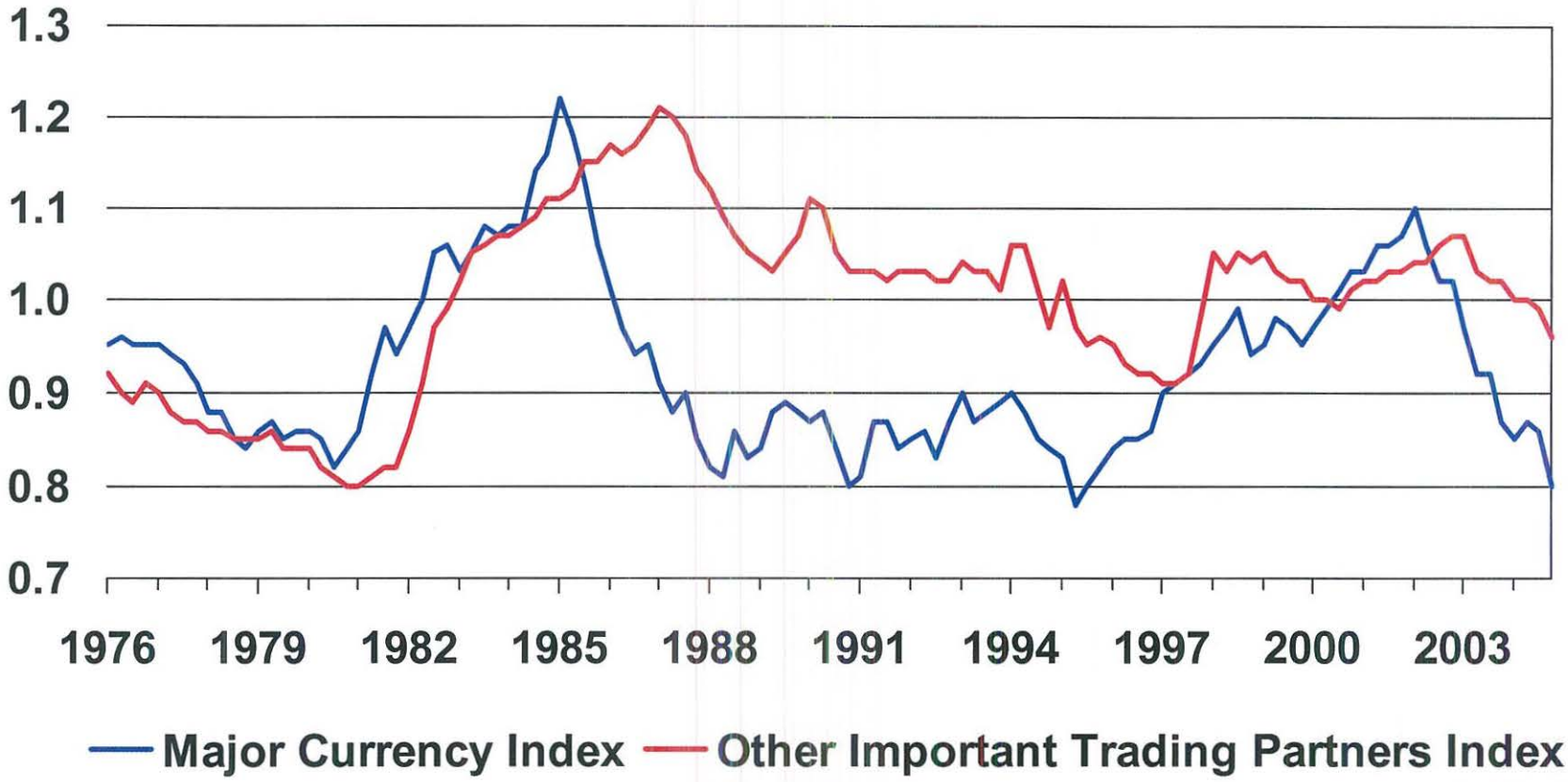
Interest Rate Increases Should Stay Gradual



Not Much Potential Left for Surges in Demand for Cars or Houses

The U.S. Dollar is ***Still*** Expected to Depreciate Further...

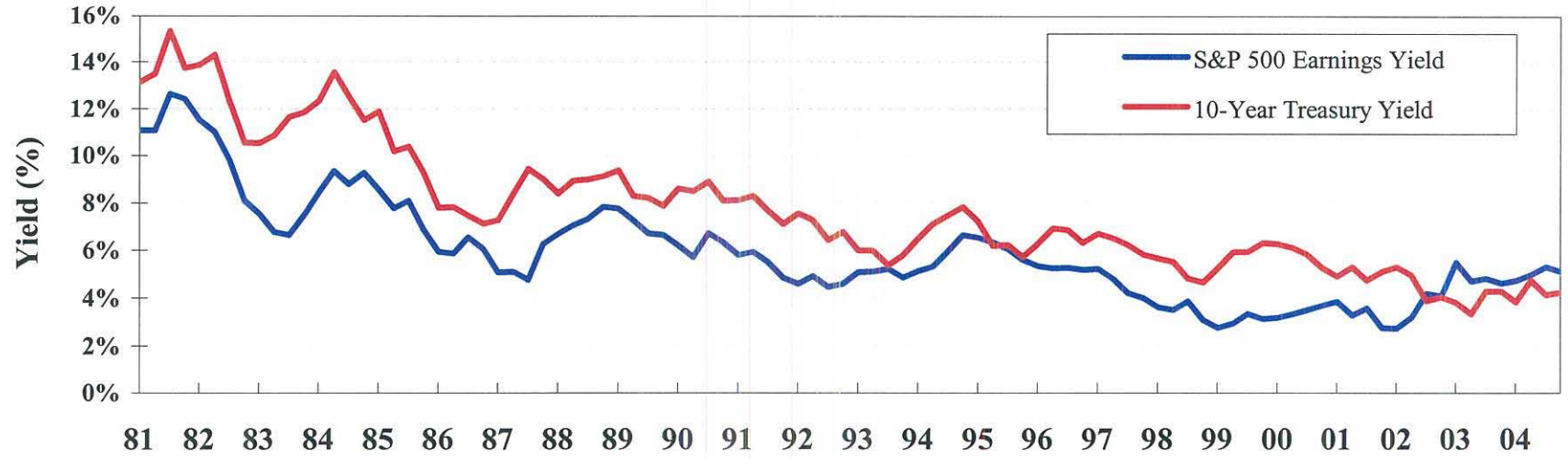
(Real Trade-Weighted Dollar Index, 2000=1.0)

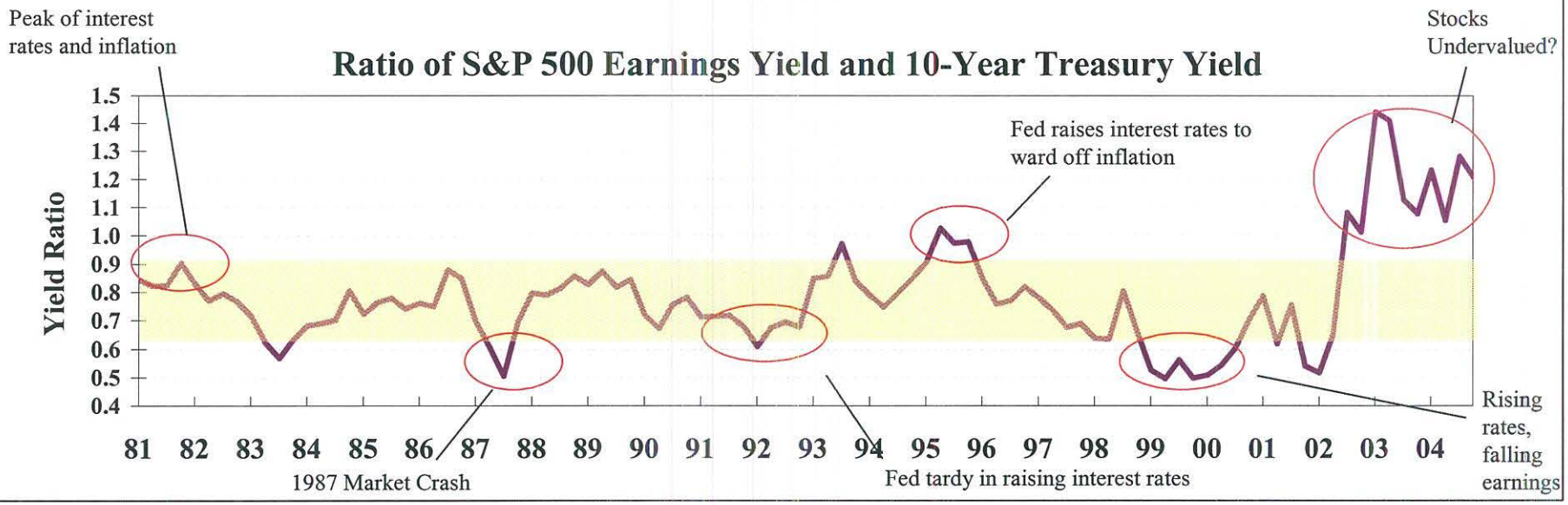


2005 Capital Market Preview: Keeping Those Expectations Low

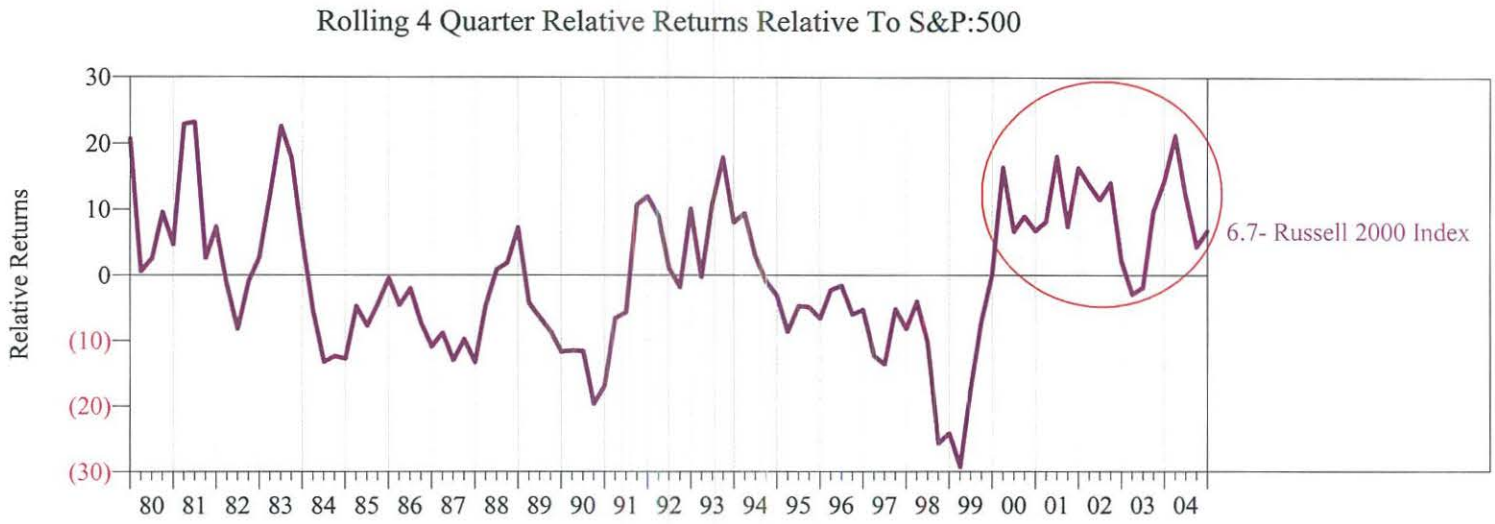
- The economic recovery will continue, but growth will remain modest. Capital spending will ultimately follow GDP.
- Fed has already shifted to tightening monetary policy.
- The stock market recovery will be slow. Profits cannot outpace GDP, share prices cannot outpace earnings.
- Callan's outlook in a nutshell: expect a low inflation, low interest rate, low return environment.
- Low return expectations mean 8% nominal return assumptions may be difficult to achieve. Callan's 2005 assumptions won't likely generate an expected return for a 60% stock/40% bond allocation greater than 7.4% over the next five years. To the extent possible, investors may need to shift their focus to real return expectations.

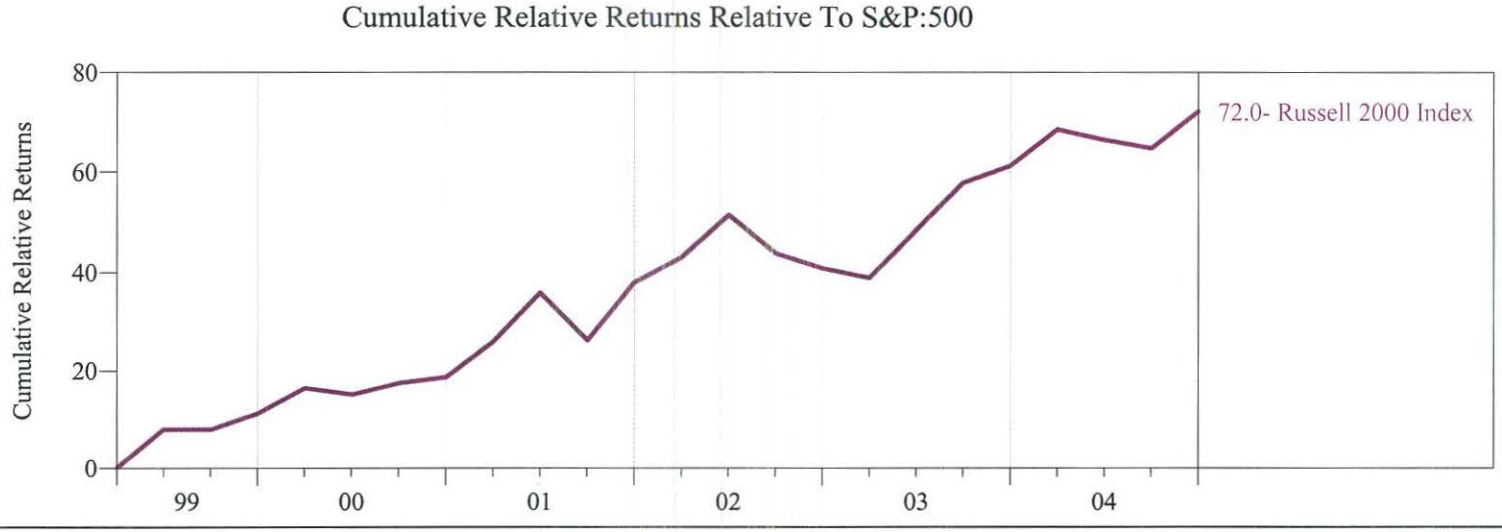
Domestic Equity vs. Bond Yields





Small Cap Had a Remarkable Run





Bond Market Faces a Challenging Environment

- With inflation in check, investors poured money into bonds following the bursting of the stock market bubble, driving prices up and yields to 40-year lows.
- Corporate (and particularly high yield) spreads widened through 2002, then staged a remarkable comeback in 2003 and 2004.
- Long-term secular decline in inflation since early 80s fueled bond market returns that may not be seen again for a long time.
- Looking forward, current yields and expectations for inflation and interest rates drive expected future returns. With low current yields and the potential for rising interest rates as the economy expands, prospects for future bond market gains may have faded. The best case for bonds is a faltering economy.

2005 Capital Market Projections

- Essentially no changes from last year's projections!
- Inflation is held at 2.6%, depicting inflation rising from current low levels.
- Cash returns reflect rising short-term yields, but still low real return of 0.4%.
- Bond returns held at 4.75% :
  - reflects current yield-to-worst, plus small adjustment
  - build in moderate increase in short rates, relatively stable long rates, higher realized yields on mortgages and shorter term debt is rolled.
- Equity returns built from fundamentals: 3-4% real GDP growth which means 5.5%-6.5% nominal earnings growth, 2% dividend yield, 0.5%-1% "buyback" yield.
- Real estate return held at 7.6%, reflecting income expectations as high as 7% but acknowledging potential valuation limits.
- Private equity return held at 12%, a 3% premium over public markets.
- Premiums of international equity over domestic and small cap over large cap have been narrowed, reflecting recent performance and relative valuations.

2005 Capital Market Projections

Summary of 5-Year Capital Market Projections (2005-2009)

Asset Class	Index	Projected Annual Return	Projected Standard Deviation (Risk)	Projected Yield	2005 Projections	
Equities						
Broad Domestic Equity	Russell 3000	9.00%	16.90	2.10	9.00%	16.90
Large Cap	S&P 500	8.85%	16.40	2.20	8.80%	16.20
Small/Mid Cap	Russell 2500	9.85%	22.70	1.20	10.10%	23.50
International Equity	MSCI EAFE	9.25%	20.10	2.20	9.30%	20.30
Emerging Markets Equity	MSCI EMF	9.80%	33.00	0.00	9.80%	33.00
Fixed Income						
Domestic Fixed	LB Aggregate	4.75%	4.50	4.75	4.75%	4.50
Defensive	LB Gov't 1-5 Year	4.00%	3.15	4.00	4.00%	3.15
TIPS	LB TIPS	4.40%	6.00	4.40	4.40%	6.00
High Yield	CSFB High Yield	6.75%	12.10	6.75	6.75%	12.30
Non US$ Fixed	Citi Non-US Gov't	4.65%	9.60	4.65	4.65%	9.60
Other						
Real Estate	Callan Real Estate	7.60%	16.50	7.00	7.60%	16.50
Private Equity	VE Post Venture Cap	12.00%	34.00	0.00	12.00%	34.00
Absolute Return	*	6.50%	10.50	0.00	6.50%	10.50
Cash Equivalents	90-Day T-Bill	3.00%	0.80	3.00	2.70%	0.70
Inflation	CPI-U	2.60%	1.40		2.60%	1.40

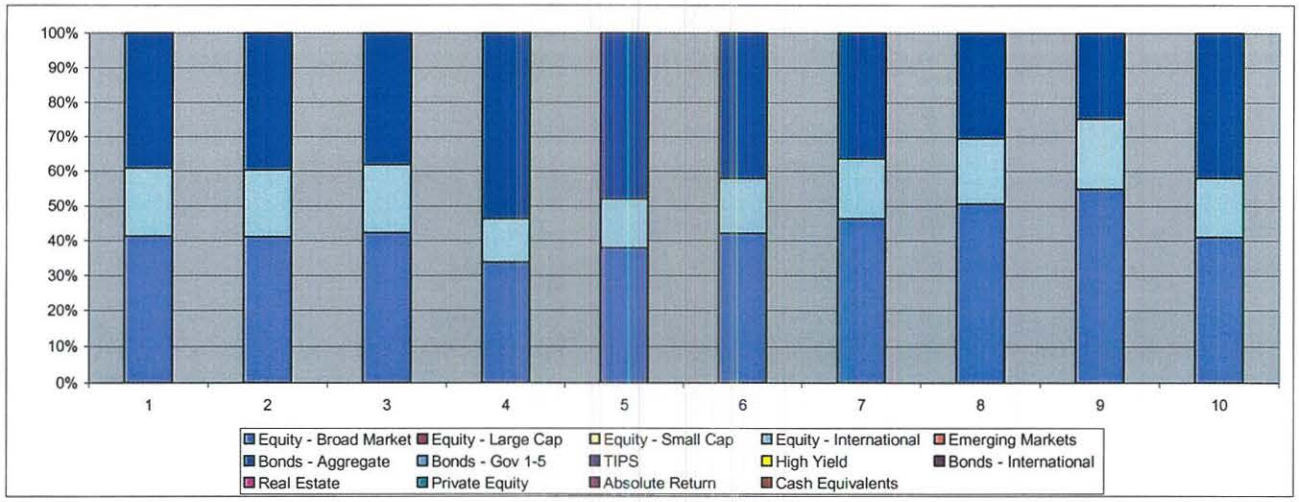
2005 Correlation Coefficient Matrix

Key to Constructing Efficient Portfolios

	Broad	Lrg Cap	Sml Cap	Int'l Eq	Dom Fix	NUS Fix	Real Est	Priv Eq	T-Bill
Broad Dom Eq	1.00								
Large Cap Eq	0.96	1.00							
Small Cap Eq	0.92	0.84	1.00						
Int'l Equity	0.73	0.73	0.61	1.00					
Domestic Fixed	0.25	0.27	0.19	0.21	1.00				
Non $US Fixed	0.01	0.03	-0.03	0.22	0.32	1.00			
Real Estate	0.62	0.63	0.52	0.47	0.20	0.03	1.00		
Private Equity	0.64	0.63	0.57	0.63	0.20	0.10	0.45	1.00	
T-Bills	-0.12	-0.10	-0.15	-0.25	0.30	-0.05	-0.06	0.07	1.00

shaded cells are changed from 2004

2005	Constraints		Asset Mix Alternatives										
Asset Classes	Min	Max	4/20/2005 Research Investment Fund	4/20/2005 Habitat	4/20/2005 Koniag	4	5	6	Recommended 7	8	9	Current Target	
Equity - Broad Market	0%	100%	41.25%	41.15%	42.27%	33.73%	37.94%	42.15%	46.36%	50.57%	54.79%	41.00%	+/-7%
Equity - Large Cap	0%	0%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Equity - Small Cap	0%	0%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Equity - International	0%	100%	19.64%	19.20%	19.65%	12.59%	14.17%	15.75%	17.32%	18.90%	20.48%	17.00%	+/-5%
Emerging Markets	0%	0%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Bonds - Aggregate	0%	100%	39.11%	39.65%	38.08%	53.68%	47.89%	42.10%	36.31%	30.52%	24.73%	42.00%	+/-7%
Bonds - Gov 1-5	0%	0%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
TIPS	0%	0%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
High Yield	0%	0%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Bonds - International	0%	0%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Real Estate	0%	0%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Private Equity	0%	0%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Absolute Return	0%	0%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Cash Equivalents	0%	0%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Totals			100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
Target Return						6.750%	7.000%	7.250%	7.500%	7.750%	8.000%		
Projected Return			7.387%	7.363%	7.431%	6.750%	7.000%	7.250%	7.500%	7.750%	8.000%	7.258%	
Projected Risk			10.794%	10.711%	10.942%	8.674%	9.487%	10.322%	11.172%	12.035%	12.909%	10.348%	
1 Yr. Probability of Loss			24.69%	24.59%	24.85%	21.82%	23.03%	24.12%	25.10%	25.98%	26.77%	24.16%	
5 Yr. Probability of Loss			6.30%	6.21%	6.44%	4.09%	4.95%	5.81%	6.67%	7.49%	8.29%	5.84%	
10 Yr. Probability of Loss			1.52%	1.49%	1.59%	0.69%	0.98%	1.32%	1.69%	2.09%	2.50%	1.33%	



 ADN

Permanent Fund investments get only minor tweak

■ **TRUSTEES:** Limits on growth, losses eased for future rebalancing.

By WESLEY LOY
Anchorage Daily News

Alaska Permanent Fund trustees recently decided to hold steady on fund investments, making no major changes on where to bet the state's nearly $30 billion oil revenue savings account.

Permanent Fund staffers, during an April 28-29 board meeting in Juneau, told the trustees that expected profits, market risks, inflation and other factors aren't expected to change much in coming years. Rick Shafer, the fund's chief investment officer, recommended the trustees make no changes in where the fund invests its money.

Managers invest the bulk of Permanent Fund money in U.S. and international stocks and bonds, plus real estate in Alaska and many other states. Last year, the fund diversified into other types of investments, plowing relatively small sums into alternative investments such as hedge funds.

Although the trustees didn't make changes on where to invest, they did vote to slightly relax the limits on how far a given type of investment can grow or shrink before managers would be forced to rebalance the portfolio.

Rebalancing involves shifting money around to maintain investment policies that managers believe will produce the best profits over the long term.

For example, if the fund's stock portfolio loses too much value in a given year, fund managers might shift more money into stocks to keep the stock portfolio in proper proportion to all the fund's other investments.

The change the trustees made will allow managers to "ride out volatile markets before being forced to rebalance the fund," according to a statement from the Permanent Fund.

Currently, stocks are the biggest investment holding, comprising about 55 percent of the fund. Bonds make up 32 percent, real estate 10 percent and alternative investments 3 percent.

Bob Bartholomew, the fund's chief operating officer, said Tuesday the fund is on track to meet its profit goal for this fiscal year, which ends June 30.

As of the end of April, the fund's investments were up an estimated 6.5 percent, Bartholomew said.

"If we stay on this pace," he said, the fund likely will reach its goal of 7.5 percent by the end of the fiscal year, he said.

■ Daily News reporter Wesley Loy can be reached at wloy@adn.com or 257-4590.

Cherri – Please include this article in the June 11 TC packet – Put it behind Bader's letter under the IWG presentation to the TC. Thanks – Gail

Cherri Womac

From: Gail Phillips
Sent: Monday, May 09, 2005 11:48 AM
To: Cherri Womac; Paula Banks
Subject: FW: Distribution from Research Account

Cherri - please include this message in the agenda for the Cordova meeting. Place it under the agenda heading where Gary Bader is going to speak on the recommendations from the IWG on policy changes. Put this as a second topic for him to discuss, in case any of the Trustees have a question regarding it. Thanks, Gail

-----Original Message-----
From: Gail Phillips
Sent: Monday, May 09, 2005 12:46 PM
To: 'Gary Bader'
Cc: Paula Banks; jmeade@fs.fed.us; 'David Marquez'; Drue_Pearce@ios. doi. gov (Drue_Pearce@ios.doi.gov); jim.balsiger@noaa.gov; 'Scott Nordstrand'; 'Kurt Fredriksson'; 'McKie Campbell'
Subject: RE: Distribution from Research Account

Gary: Please liquidate $28,000.00 from the Broad Market Fixed Income investments in the Research Account and transfer this $28,000.00 to the Short Term Pool of the Research Account. It is my understanding that this transfer, plus residuals already in the short term pool will be sufficient to accommodate the necessary $28,755.54 distribution that is needed.

Thanks for bringing this to my attention.

Gail

-----Original Message-----
From: Gary Bader [mailto:gary_bader@revenue.state.ak.us]
Sent: Monday, May 09, 2005 11:15 AM
To: Gail Phillips
Cc: Paula Banks
Subject: Distribution from Research Account

Dear Gail:

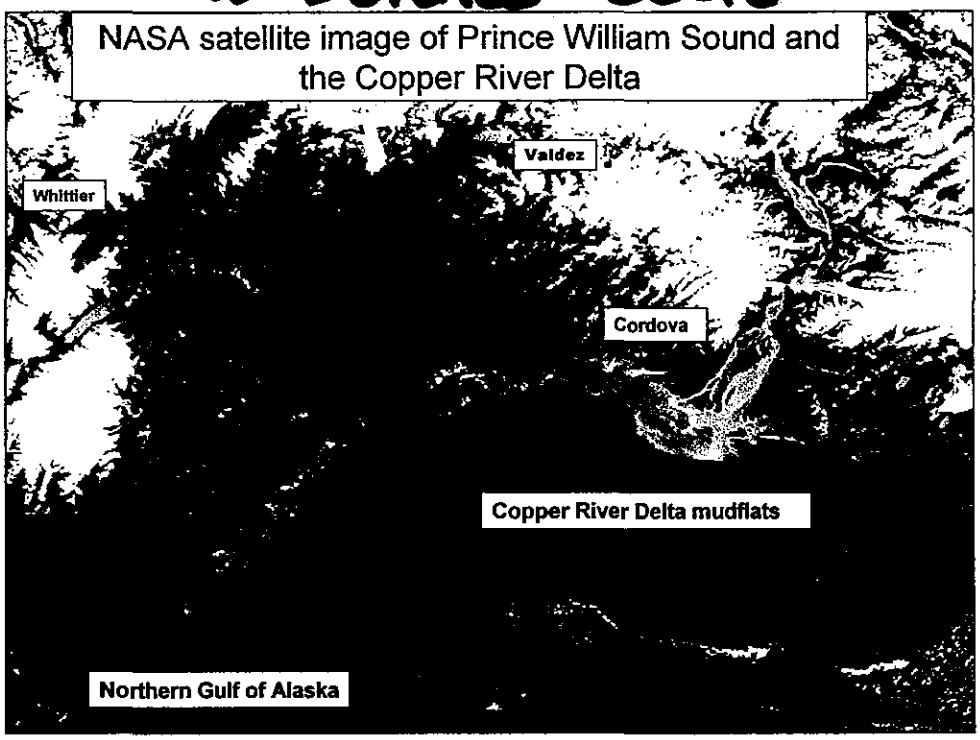
I have been advised of the need to distribute $28,755.54 from the Research fund. In order to facilitate the distribution I recommend you direct me to liquidate $28,000.00 from the Broad Market fixed Income investments in the Research Account and transfer $28,000.00 to the Short Term Pool of the Research Account. The $28,000.00 transfer plus residuals already in the short term pool will be sufficient to accommodate the $28,755.54 distribution.

Sincerely,

Gary

Presentation by Nancy Bird
PWS Science Center

June 11, 2005



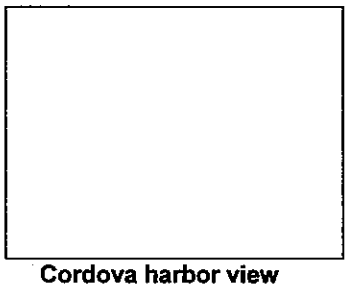
NASA satellite image of Prince William Sound and the Copper River Delta

Thanks for this opportunity to give you a very brief overview on the Prince William Sound Observing System. We are hosting a two-day workshop on this topic this week and I've left copies of the workshop agenda. I'm very pleased that the 75+ participant list for this workshop includes an very diverse group of researchers, mariners and other industry representatives. Today, I want to give you a quick synopsis on the evolution of this observing system and giving an accounting on the NOAA grant which the EVOS Trustee Council awarded to the Science Center.

This first orientation slide gives you a good image of the region included in this ocean observing system.

PWS Observing System (PWSOS)

- Pilot project of Alaska Ocean Observing System (AOOS)
- National/international observing system
- Building from the foundation established by the Oil Spill Recovery Institute's (OSRI) Nowcast Forecast System
- Enhancements of PWSOS in 2004-2006 are supported by NOAA grants awarded to PWSSC



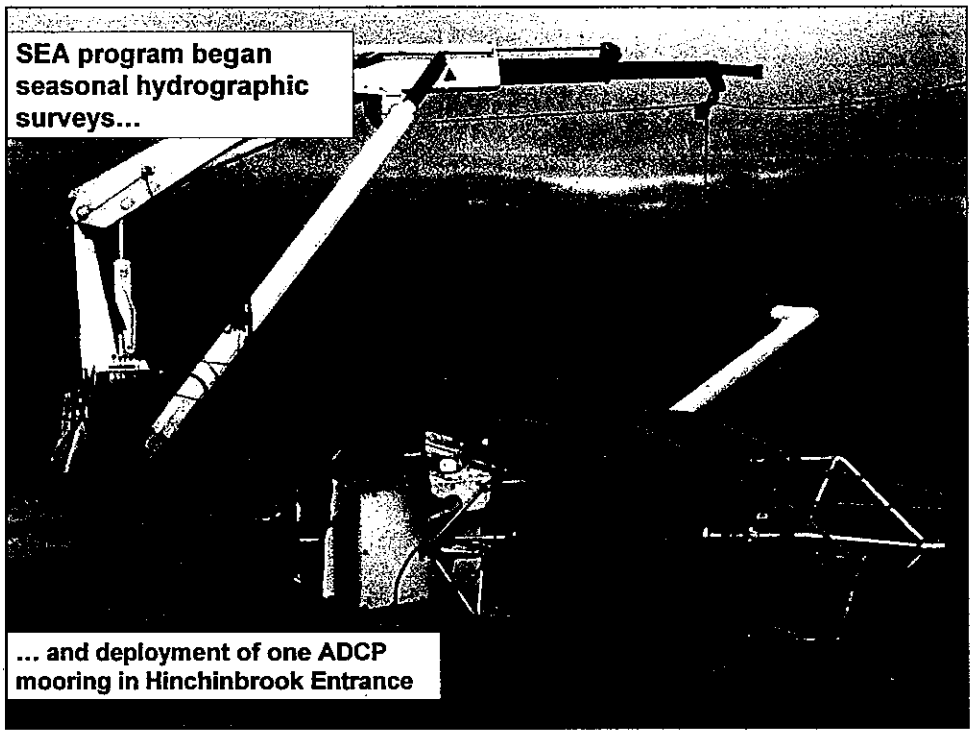
Cordova harbor view

- NOAA grants primarily providing equipment to enhance system and model development
- OSRI commitment - maintenance support through 2010
- Numerous partnerships
  - PWSSC, OSRI, EVOS, UAF, ASLC, NOAA, NRCS,

Just what is the PWS Observing System? For one, it is a pilot project for the Alaska Ocean Observing System and is part of the national and international observing systems that are developing through the Integrated Ocean Observing System or IOOS. The vision is to better coordinate observations, data management and analyses on ocean data so we can integrate these observations like the National Weather Service integrates weather data. There are seven primary goals for the national observing system. Among them are improving safety and efficiency of marine operations and sustaining marine resources.

Prince William Sound was chosen as a pilot project region for AOOS primarily because the Oil Spill Recovery Institute and the previous Sound Ecosystem Assessment program (funded by EVOS Trustee Council) had built a good foundation of ocean and weather observations and begun model development.

In later slides, I'll be describing in more detail the enhancements made possible by the NOAA grant which the Trustee Council awarded to us last year. I do want to note that our focus with these grants has been to invest in capital infrastructure, i.e., equipment. The Oil Spill Recovery Institute and other partners in the system will be providing the ongoing funds needed for its maintenance in the next five years.



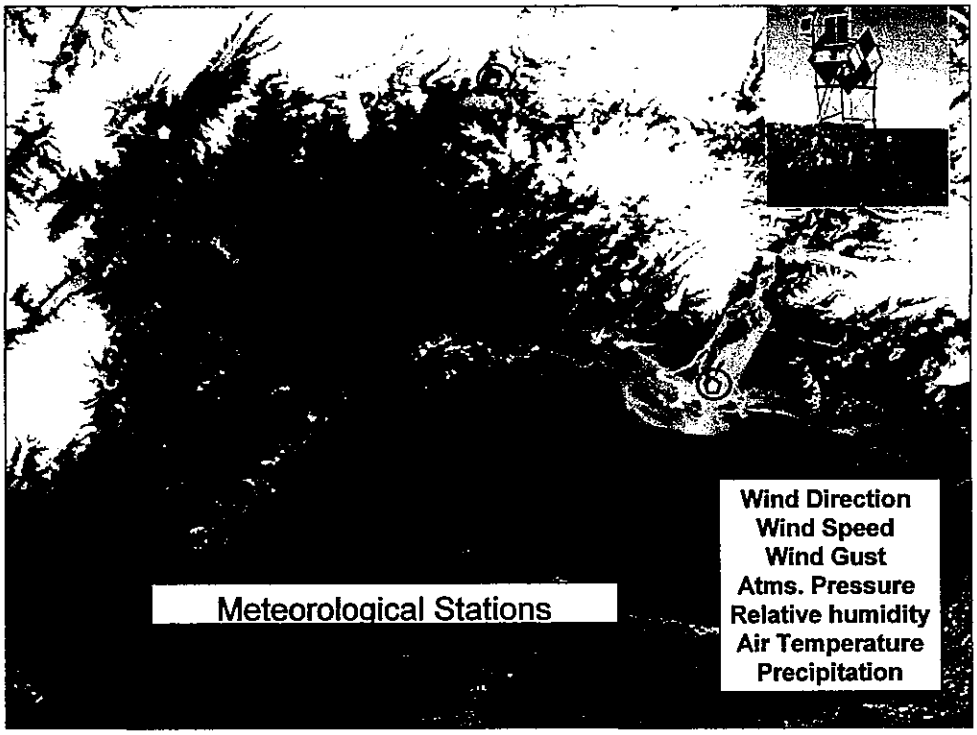
Initially, the PWS Observing System is focused on collecting physical oceanographic and atmospheric data. This data has many uses. One is to develop computer simulations of ocean and atmospheric circulation. Through both the SEA and Nowcast Forecast programs, a PWS ocean circulation model was developed and coupled to a regional atmospheric circulation model. The modeling program is now evolving to take better advantage of real-time data streams from satellites, enhanced weather stations, and an enhanced observational oceanography program consisting of moored buoys and seasonal hydrographic surveys.

Future plans *(as detailed in Jan 2004)*

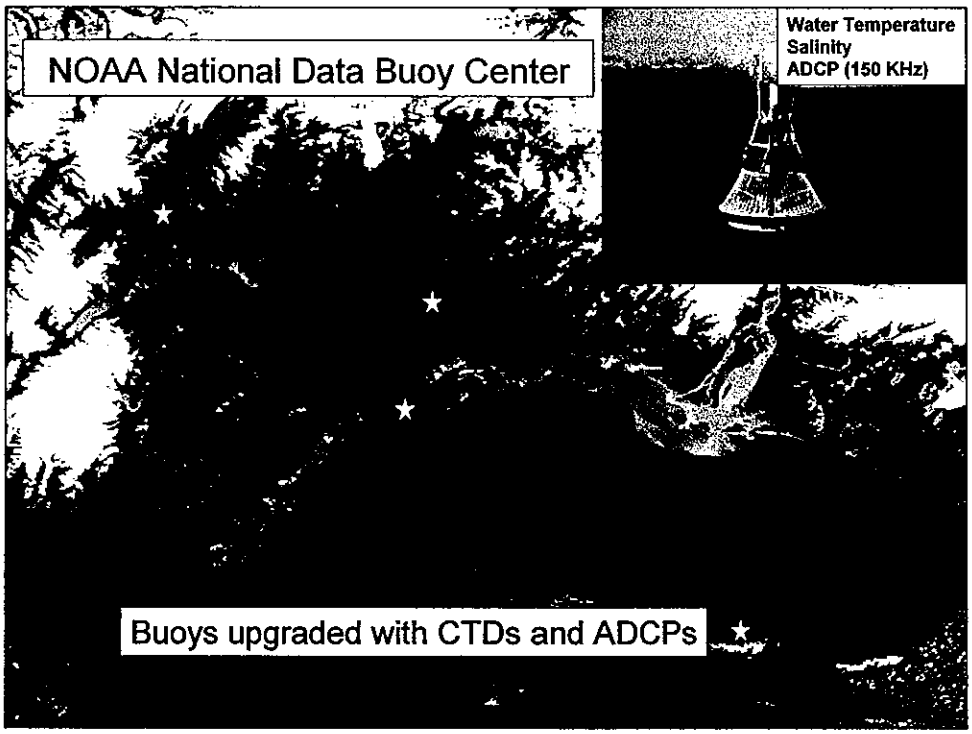
- **Build partnerships to**
  - **Enhance meteorological stations**
  - **Implement CODAR coverage in PWS**
  - **Deploy multiple moored ADCPs at entrances**

- **Improve web delivery of data from surveys**
- **Collaborate with AOOS to further Alaska's ocean observing systems**
- **Conduct field experiments evaluating models**

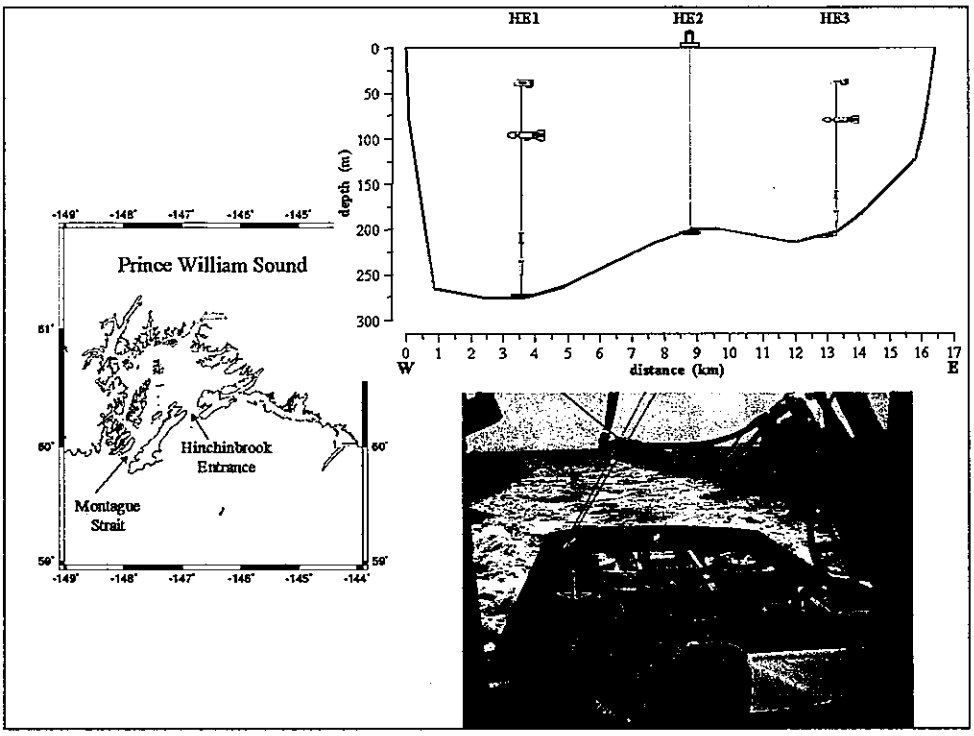
18 months ago I used this slide in a presentation at the 2004 Marine symposium and it's gratifying to be able to say our future plans back then are happening; I might add that it's in large part due to your support. As listed here, we've built partnerships to install and operate more reliable meteorological stations; CODAR, a high frequency radar system that measures surface currents is now operating through work of the University of Alaska Fairbanks; two arrays of multiple Acoustic Doppler current profilers (ADCPs) are being deployed in Hinchinbrook Entrance and Montague Strait as we speak; improved web delivery of the data is happening; we're working closely with AOOS to further Alaska's observing systems and last August we conducted a drifter buoy field experiment and I have copies of the final report from that experiment available.



These are the locations of new meteorological stations being installed this summer in partnership with the Natural Resources Conservation Service and with support from PWS Regional Citizens' Advisory Council and the PWS Aquaculture Corporation. The NRCS installs, operates, and maintains an extensive, automated system to collect snowpack and related climatic data in the Western United States called SNOTEL (for SNOwpack TELemetry). The system evolved from NRCS's Congressional mandate in the mid-1930's "to measure snowpack in the mountains of the West and forecast the water supply". SNOTEL uses meteor burst communications technology to collect and communicate data in near-real-time.



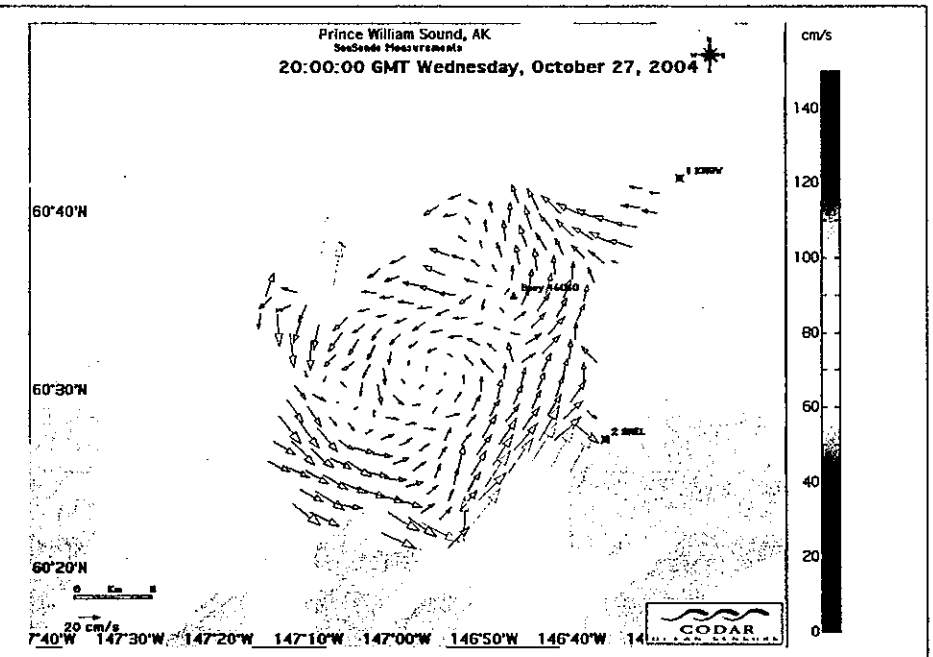
Another data source for the observing system are the NOAA C-Man and NDBC buoys. We've started and intend to continue adding instruments to these buoys to measure water salinity and temperature, as well as water velocities. An ADCP was added to the mid-Sound buoy last summer using Congressional grant funds awarded directly to the Science Center, and you can access the real-time current data it provides through the regular NDBC website. The buoy shown on this map at Montague Strait is not yet there but is on our future wish list.



The map on the left indicates the two entrances to the Sound where the two arrays of moorings, including ADCPs, are being deployed. These instruments will measure the direction and speed of currents flowing through these two major entrances linking PWS and the GOA. The schematic shows the approximate location of the moorings at the two sides of Hinchinbrook entrance with the existing NDBC buoy in the middle.

The goal of this observational project is to improve our understanding of the magnitude and frequency of the exchange of water between the GOA and PWS and the forces driving these exchanges. It will also provide data for calibrating the ocean models now under development.

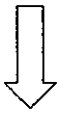
During the SEA program a single downward looking ADCP mooring was anchored in Hinchinbrook Entrance but it was unable to measure currents in the upper 30 meters of the water column. The new array of multiple ADCPs – both upward and downward looking - will capture the entire water column and will provide information on the cross channel variability of the flow.



http://halibut.ims.uaf.edu:8000/~salmon/CODAR/Data/raw_totals/Prince_William_Sound/

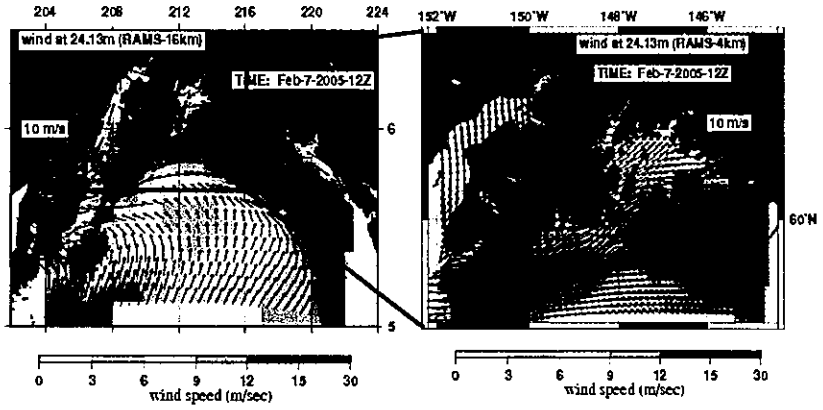
There are two CODAR radar systems deployed at Redhead, near Knowles Head, and near Johnstone Pt. This map depicts the data results and can be accessed through a University of Alaska website.

What is all this data used for?



- Weather forecasts
- Wave forecasts
- Ocean circulation/atmospheric models

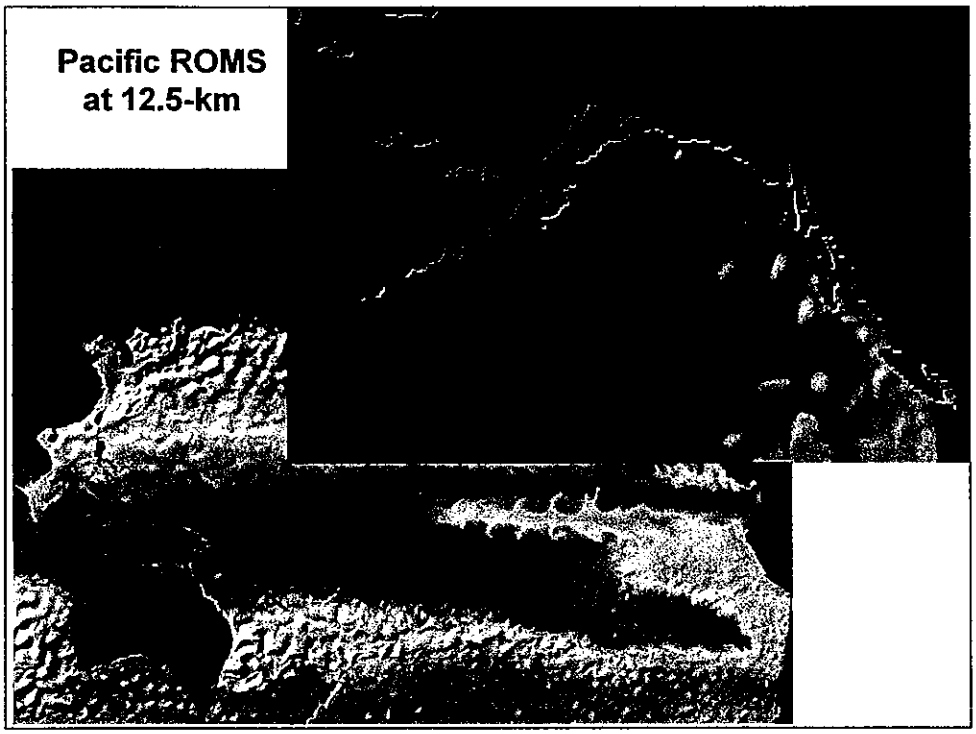
Regional Atmospheric Modeling System (RAMS) Real-Time Updated Every 24 hours



Images: Yi Chao, Jet Propulsion Laboratory, California Institute of Technology; Peter Olsson at University of Alaska, Anchorage – Alaska Experimental Forecast Facility

Atmospheric data is used to model winds at various altitudes for the PWS area. Here is a plot generated by a model developed by scientists at the Jet Propulsion Laboratory at California Institute of Technology and the University of Alaska.

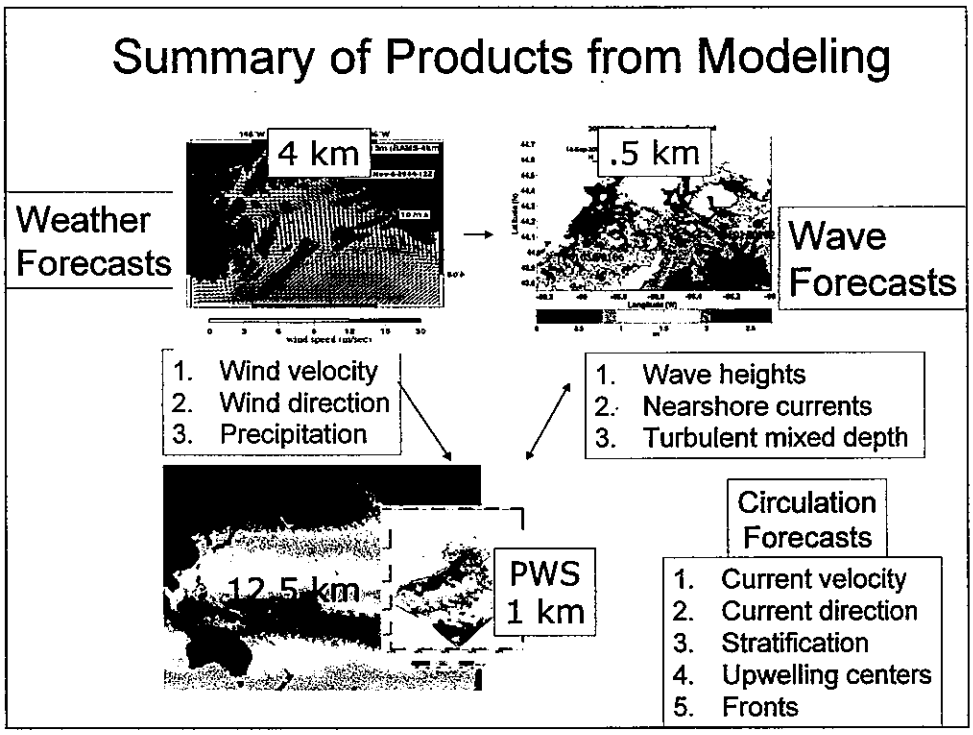
The RAMS model relies on the real time data stream for validation of modeled nowcasts.



Ocean data is being used to generate high-resolution estimates of sea surface temperature, as well as velocity fields.

At the core of many ocean observing systems are the predictive capabilities of ocean circulation models, i.e., simulation models that can be used to forecast the flow of ocean currents. We are now working with NASA's Jet Propopulsion lab to develop a real time data assimilation model for PWS.

A unique feature of the Regional Ocean Modeling System, or ROMS, is its capability of *nesting* several models with different spatial resolutions. In such a nested model, the boundary conditions from the smaller domain are obtained from the larger domain. Assimilation models are particularly relevant for our applications since they allow the scientist to "plug in" real-time or near real-time observations to fill-in observation gaps (e.g., where HF radar resolution is insufficient) and to improve or validate model predictions.



We're also contracting with Texas A&M to adapt the SWAN wave model to PWS. It can accurately predict wave heights, nearshore current velocities based on radiation stress, and wave induced turbulence. By coupling this model to a circulation model, the current velocities and directions can be extended to the shoreline. These capabilities will be valuable to mariners, oil spill responders, fishery managers, search and rescue, and the scientific research community.

Beneficiaries of Models

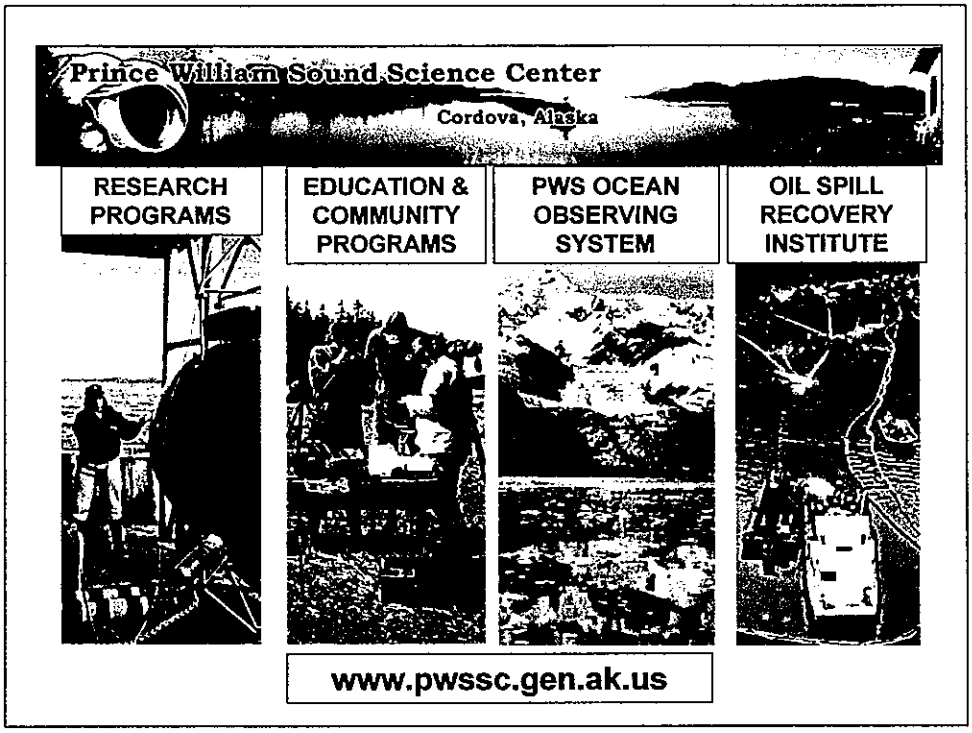
- navigational services
- commercial fishers
- recreational boaters
- oil & gas transportation industries
- oil spill responders
- search & rescue
- fishery managers
- hatchery managers
- tourism industry
- aviators
- educators
- scientists

Many benefit from the models.

Budget – NOAA grant to PWSSC for coastal observing efforts

- Total award to PWSSC: $730,956
- Salaries: $20,784
- Equipment: $513,490
  - 12 acoustic Doppler current profilers (ADCPs)
  - 3 conductivity temperature depth (CTDs)
- Contracts & supplies: $175,580
  - NASA Jet Propulsion Lab, ROMS development – one of three years @ $150,000/year
  - Natural Resources Conservation Service – Meteorological stations - $19,295
  - Phone, postage, computer networking & supplies: $6,285
- Indirect costs @ 29.57%: $21,102

The two major budget items included in this NOAA grant were equipment to deploy moored oceanographic buoys in Hinchinbrook Entrance and Montague Strait. Data from these instruments will improve our understanding of the mechanisms and exchange rates of water between the Gulf of Alaska and the Sound. The second major budget item is the first year of a three-year contract with NASA's Jet Propulsion Lab for development of a real time data assimilation ROMS ocean circulation model. This will allow for a better understanding of the circulation patterns in PWS and water exchange mechanisms between the Gulf and the Sound to provide a solid scientific foundation for addressing fisheries and ecosystem management needs related to long-term oceanic and climatic variability.


Prince William Sound Science Center
Cordova, Alaska
RESEARCH PROGRAMS
EDUCATION & COMMUNITY PROGRAMS
PWS OCEAN OBSERVING SYSTEM
OIL SPILL RECOVERY INSTITUTE
www.pwssc.gen.ak.us

Demonstration of the Alaska Ocean Observing System in Prince William Sound

A workshop to discuss existing and new components
June 13-14, 2005 – Frontier Bldg., Cordova, Alaska

Background

Alaska's Prince William Sound (PWS) includes about 4900 km of shoreline and it contains an extensive system of tidewater glaciers descending from the highest coastal mountain range in North America. The Trans Alaska Pipeline carries oil to the Port of Valdez in northern PWS. The oil is then shipped to southern refineries on large tankers, making the environment of PWS highly vulnerable to oil spills, as evidenced by the 1989 Exxon Valdez spill. The Oil Spill Recovery Institute (OSRI) and its partner organizations conduct research in PWS to enable detection and prediction of oil-spill related impacts and subsequent recovery. This mission led to the development of a PWS ocean circulation model coupled to a regional atmospheric circulation model. The modeling program is now rapidly evolving to integrate with the Alaska Ocean Observing System (AOOS) and to take better advantage of real-time data streams from satellites, weather stations, and an enhanced observational oceanography program consisting of moored buoys and seasonal hydrographic surveys.

The PWS observing system has two primary goals. The first goal is to combine long-term monitoring with short-term hypothesis-driven process studies to understand mechanisms underlying the dynamics of the interactions between the major coastal currents and the production of flora and fauna of the Pacific Ocean, the Gulf of Alaska, and PWS. Of particular interest is the understanding of predominant mechanisms of ecological variability. Understanding the circulation and the patterns of water exchange will provide a solid scientific foundation for addressing fisheries management and ecosystem needs related to long term oceanic and climatic variability.

The second goal is to provide physical and biological information to the major user groups in PWS including the coastal communities, oil and gas transportation industry (tanker traffic and oil spill response), air taxis, commercial fishermen, recreational and commercial boaters, and Coast Guard search and rescue operations. For example, the high-resolution wind, wave and ocean current forecast products will provide improved weather forecasts to commercial and recreational vessel and aircraft operators, and it will enhance the safety of oil tanker traffic in PWS. The improved physical and ecological forecasting products will enable resources managers (e.g., PWS hatchery and commercial fishing organizations) to make better management decisions on food supply, predation, and human activities such as commercial and recreational fishing.

Register at www.pwssc.gen.ak.us/pwsosmeeting/

Schedule

Sunday June 12, 2005

Field Trips

Prince William Sound and Copper River Delta Tours
Private charter boat operators offer reservations for birding and fishing trips from Cordova Harbor. River rafting, hiking and fishing are popular on the delta and car rentals are available. For more information visit the Cordova Chamber of Commerce.
Kayak rentals are available at the harbor.

Or join the Prince William Sound Science Center for a van trip 50 miles out to **Childs Glacier and the Million Dollar Bridge.**
This tour is offered at no charge, reserve your spot when you register for the workshop.
(for more information contact Nancy DiNapoli: 907-424-5800 x 227)

Monday June 13, 2005

Existing components of the observing system: observations and predictions of environmental variability

Focus question: What are the data and information needs and how should they be provided?

7:00 - 8:00 Breakfast (on your own)

8:00 - 10:00 am Presentations (status reports: 15 min talks plus 5 min for questions)

8:00 Introduction to AOOS and the PWS demonstration (Carl Schoch, PWSSC)
8:20 Snotel weather stations (Rick McClure, NCRS)
8:40 NDBC weather buoys (Mike Burdette, NDBC)
9:00 PWS mooring and hydrography program (Claude Belanger, PWSSC)
9:20 Surface Current Mapping (Hank Statscewich, UAF)
9:40 Circulation of PWS (Steve Okkonen, UAF)

10:00 - 10:20 am Break (catered)

10:20 - 12:00 am Presentations (status reports:15 min talks plus 5 min for questions)

10:20 Data management (Rob Cermak, UAF)
10:40 Regional Atmospheric Circulation Modeling System (Peter Olsson, UAA)
11:00 Simulating Waves in the Nearshore (Vijay Panchang, TAMU)
11:20 Regional Ocean Modeling System (Xavier Capet, UCLA)
11:40 Data assimilation and modeling products (Yi Chao, JPL)

12:00 - 1:00 pm Lunch (catered)

1:00 - 3:00 pm Public information needs and observing system products

1:00 Introduction to user needs (Molly McCammon, AOOS)
1:15 Accessing observing system products (Brian Dixon, PangoMedia)
1:45 - 3:00 pm Data user group discussions (What information is needed, at what space and time scales, does it need to be real-time, and how should it be delivered?)

3:00 - 3:30 pm Break (catered)

3:30 - 4:30 pm Data user group reports

3:30 Ocean policy
3:40 Oil spill response
3:50 Maritime transportation
4:00 Commercial charters
4:10 Aquaculture
4:20 Fishing
4:30 Education

4:40 - 5:00 pm Summary discussion (Yi Chao)

(Dinner on your own)

Tuesday June 14, 2005

Adding new components to the observing system: monitoring the biological response to environmental variability

Focus question: How should we measure a biological response to changes in oceanic conditions as part of an ocean observing system?

7:00 - 8:00 Breakfast (on your own)

8:00 - 8:15 am Review of Day 1 (Molly McCammon)

8:15 - 9:45 am Presentations (status reports: 25 min talks plus 5 min for questions)

8:15 Nutrients, phytoplankton, and zooplankton - Ted Cooney, UAF (emeritus)
8:45 Benthic plants and animals - Tom Dean, Coastal Resources Associates
9:15 Fishes and shellfishes - Bill Bechtol, UAF

9:45 - 10:15 am Break (catered)

10:15 - 11:45 am Presentations (status reports: 25 min talks plus 5 min for questions)

10:15 Aquaculture - Ray RaLonde, Alaska Sea Grant
10:45 Birds - David Irons, USFWS
11:15 Mammals - Kathy Frost, UAF

11:45 - 12:00 Summary discussion (Tom Kline, PWSSC)

12:00 - 1:00 pm Lunch (catered)

1:00 - 3:00 Discussion groups (topic: how to monitor a biological response to environmental variability utilizing the observing system?)

3:00 - 3:30 Break (catered)

3:30 - 4:30 pm Group reports and discussion (priorities for what to monitor and how)

3:30 Nutrients, phytoplankton, and zooplankton
3:40 Benthic plants and animals
3:50 Fishes and shellfishes
4:00 Aquaculture
4:10 Birds
4:20 Mammals

4:30 - 5:00 General discussions and summary (Ted Cooney)

(Dinner on your own)

Cherri Womac

From: Gail Phillips
Sent: Friday, May 13, 2005 2:06 PM
To: Cherri Womac
Subject: FW: May Update

Please place this in the information only section of the Cordova meeting agenda. Thanks, Gail

-----Original Message-----
From: Cathy Sherman [mailto:infoservices@cityofcordova.net]
Sent: Friday, May 13, 2005 12:09 PM
To: infoservices@cityofcordova.net
Subject: May Update

Greetings…

Here's a quick update on the Cordova Center Project.

Phase 4 – the Design Development Drawings are complete. This is a very detailed set of plans that include everything from details of proposed lighting, plumbing and mechanical systems to flooring. Reviews of these documents are currently underway and will be completed shortly. The only remaining step is the completion of the Construction documents. Funding for these phases has been provided through grants from the Economic Development Administration and Rural Economic Development (USFS).

Since mid-March work has been ongoing on the development of a Business Plan for the Cordova Center. This document is a fairly detailed evaluation of the long term sustainability of the project. Many have asked how the city can afford to operate and maintain the facility once it is completed. The business plan takes long hard looks at things like projected energy costs, rental income, maintenance costs, management, etc. Although detailed and lengthy, a summary will also be completed and both long and short versions of the Business Plan will be available to the community and potential funders.

Fund raising for the facility is now ongoing. Of the $15.5 million needed for the total project budget, $2.7 million has been secured. Keep your fingers crossed and call your state legislators to support the $1 million the Governor placed in his capital project budget. This would be a huge help to the Cordova Center cause and show true commitment to the project from the State of Alaska. A recent trip to Washington D.C. enabled the Mayor to meet directly with the Congressional delegation regarding financial support for the project, hopefully reaping rewards for the project. Local fund raising has netted over $13,000 for the project since October. Recently the library raised over $200 through a used book sale for the project – every little bit helps!

Mark your calendars for the next public meeting on the project – June 2nd; 7:30 in the library meeting room. We will have the Design Development Drawings, the Business Plan and a 3 dimensional model of the Cordova Center available.

As always, questions, concerns, comments are welcome and encouraged. Please stop by the museum!

Cathy Sherman
Information Services Director
City of Cordova

"Do all you can, with what you have, in the time you have, in the place you are."
Nkosi Johnson

Ms. Gail Phillips
Executive Director
Exxon Valdez Oil Spill Trustee Council
441 W. 5th Ave., Suite 500
Anchorage, AK 99501

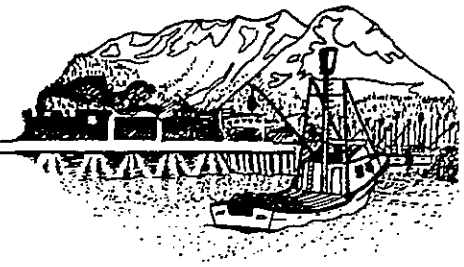
Dear Gail,

Please find enclosed a copy of a letter of support we've received from the mayor and city council of Cordova for the work we've undertaken in Prince William Sound . As you're aware, we are attempting to achieve application of science for improved fisheries management for stakeholder and community benefit. We appreciate the opportunity offered by the Trustee Council to advance toward this goal.

Yours truly,

Ken Adams Ross Mullins

CITY OF CORDOVA



April 20, 2005

Prince William Sound Fisheries Research Application and Planning
PO Box 1848
Cordova, AK 99574

Re: Letter of Support

Dear Mr. Adams:

The City of Cordova agrees with the recommendation of the Fisheries Advisory Committee to the City Council to support the work undertaken by the Prince William Sound Fisheries Research Application and Planning (PWSFRAP) group. We acknowledge the desirability of science application for improved fishery management. The Sound Ecosystem Assessment (SEA) program funded by the EVOS Trustee Council did vast quantities of research, which provided insight into the mechanisms governing salmon and herring production in Prince William Sound. Unfortunately, the information gained from that research has not been put into practice for use in managing those fisheries. PWSFRAP is attempting to develop methods for utilizing the information collected by the SEA project, which will benefit Prince William Sound and Cordova. As such, the City of Cordova continues to support your efforts.

Sincerely,

Timothy L. Joyce
Mayor

TLJ:lk

602 Railroad Avenue P.O. Box 1210 Cordova, Alaska 99574 Telephone (907) 424-6200 Fax (907) 424-6000

PAC Items

Gail Phillips

From: Gail Phillips
Sent: Wednesday, June 01, 2005 12:50 PM
To: Gail Phillips
Cc: 'John Gerster (jgerster@alaska.net)'
Subject: Items for discussion for the joint TC/PAC dialogue

To the Trustee Council and Public Advisory Committee:

During their April 28th meeting, I requested that the members of the PAC submit a list of items to me that they would like to discuss with the Trustees during the joint dialogue session on June 11th. Following is a list of the questions I received from individual PAC members:

1. How does the TC view the GEM Program and its future?

2. What is the TC's vision of the Community Involvement Program and what kinds of projects does the TC think are most appropriate for future funding?

3. Will the TC honor the established process of approving the Work Plan, i.e. supporting the recommendations of peer reviewers, the STAC, the Science Director or Coordinator and the PAC?

4. What is the TC's view of the EVOS Small Parcel and Habitat Restoration Plan? Is the TC supportive or not supportive of this Plan?

5. What is the status of the contract with Integral Consulting?

6. What is the TC's position on creating and sustaining a healthy marine science network in Alaska? What does the TC understand their role to be in sustaining this marine science network?

In the past, EVOS helped establish the goal of creating marine science institutions in Alaska. Several of these programs are legacies of the spill that continue to support restoration efforts and advancement of marine science overall. Some predate the spill. These include:

U of A Institute of Marine Science
Alaska Sea Life Center
PWSSC and PWSOSRI
Alaska Ocean Observing System
North Pacific Research Board
Fishery Industrial Technology Center
Alutiq Museum.

The Trustees need to be aware of the value their program has had towards sustaining the marine science network in Alaska. Ups and downs of the funding cycle from EVOS (discontinuation of the SEA program and suspension of the GEM program) have caused real headaches for any group trying to keep together a team of scientists, develop long-term data sets without holes and providing continuity in communities.

7. What is the TC's goal or plan for 2007, after the synthesis work is completed?

8. Does the TC plan to continue long-term monitoring projects in the future – in the 2007 Work Plan?

Gail

Briefing Summary

A. GROUP: *Exxon Valdez* Oil Spill (EVOS) Public Advisory Committee (PAC)

B. DATE/TIME: March 18, 2005

C. LOCATION: Anchorage, Alaska

D. MEMBERS IN ATTENDANCE:

Name	Principal Interest
Jason Brune	Public-at-Large
Gary Fandrei (T)	Aquaculture/Mariculture
John Gerster	Science/Technical
Lisa Ka'aihue	Regional Monitoring
RJ Kopchak (T)	Commercial Fishing
Chuck Meacham (T)	Sport Hunting/Fishing
Brenda Norcross	Science/Technical and STAC
Pat Norman (T)	Tribal Government
Stacy Studebaker (T)	Recreation Users
Andrew Teuber (T)	Subsistence

(T = via teleconference)

E. NOT REPRESENTED:

Name	Principal Interest
Torie Baker	Commercial Fishing
Larry Evanoff	Native Landowners
Randy Hagenstein	Recreation Users
Pat Lavin	Conservation/Environmental
Ed Page	Marine Transportation
Robert Patterson	Public-at-Large
Ron Peck	Commercial Tourism
Martin Robards	Conservation/Environmental
Mead Treadwell	Science/Technical
Ed Zeine	Local Government

F. OTHER PARTICIPANTS:

Name	Organization
Barat LaPorte	Patton Boggs
Ross Mullins (T)	Public, Cordova
Michael Baffrey (T)	U.S. Department of the Interior
Norman Kroening	Alaska Digestive Inc.
Brett Huber	Alaska Dept. of Fish and Game
Doug Mutter	Designated Federal Officer, Dept. of the Interior
Richard Dworsky	Trustee Council Staff

Cherri Womac Trustee Council Staff

G. SUMMARY:

The meeting was opened by Chairperson John Gerster at 10:10 a.m. Doug Mutter read the roll call, a quorum was not present.

Public comments: Ross Mullins encouraged the PAC to support continued funding of the Juvenile Pink Salmon project, which is a multi-year community involvement effort. He said if they did not obtain funding, it would not be possible to maintain the team. A briefing paper was distributed.

Richard Dworsky stated that there were budget limitations and a current focus on injured species and lingering oil. The Juvenile Pink Salmon proposal could be dealt with as a supplement.

Stacy Studebaker asked how to proceed, as this is a good community involvement project.

Brenda Norcross outlined the schedule for FY 2006 proposals in response to the invitation as: proposals are due April 15, PAC review will be June 11, and a Trustee Council decision will be in August. She suggested submitting an unsolicited proposal that might fit within the topic of synthesis.

Brett Huber noted that this proposal could be submitted a continuing multi-year project. RJ Kopchak agreed that it should be submitted, since it was intended as a 3-year effort.

Dworsky summarized the status of proposals related to herring and lingering oil. Two herring projects are continuing, a new herring proposal was viewed as unacceptable, and 2 lingering oil proposals were submitted. He is recommending funding of 1 of 2 proposals submitted on lingering oil (the Research Planning Inc. [RPI] proposal) and re-advertising for herring proposals and adding additional funding (up to $125,000) for the herring project. Herring proposals are now due April 22, with a decision to be made May 2.

Norcross said the Science and Technology Committee (STAC) agreed with the Science Director's recommendations. The RPI proposal was excellent. More funds and time are needed to obtain a good herring proposal--a synthesis from a collaboration of scientists is needed.

Kopchak supported the suggestion for more money and time to obtain improved herring proposals.

Gerster asked if it was the sense of the PAC members present to support the recommendation to proceed with the RPI proposal and to re-do the herring RFP, adding money, as recommended above. It was agreed, with one dissenting view.

Gerster stated that the PAC will need to meet between April 22 and May 2 to discuss the herring proposals. Some PAC members asked that the proposals or summaries of the proposals be distributed as soon as possible.

Jason Brune asked if the RFP listed specific criteria regarding a Principal Investigator's experience in the region. Dworsky stated that 50% of the scoring related to Principal

Investigator qualifications.

Norman Kroening asked about safeguarding proprietary technologies that may be put forward in proposals. Dworsky stated that he thought all information would be made public.

The meeting adjourned at 11:00 a.m.

H. FOLLOW-UP:

1. Womac will distribute to PAC members, the Juvenile Pink Salmon Project Briefing paper.
2. Womac will distribute information to PAC members about the upcoming field trip and PAC meeting in Cordova.
3. Dworksy will distribute to PAC members, information on new herring proposals, as soon as practicable.

I. NEXT MEETINGS:

--April 28 teleconference at 10:00 a.m.
--June 10-11-12 in Cordova, including a field trip, with a PAC meeting on the 11th

J. ATTACHMENTS: (Handouts, for those not present)

1. Juvenile Pink Salmon Project Briefing Paper

K. CERTIFICATION:

_____ _____

PAC Chairperson **Date**

Meeting Summary

A. GROUP: *Exxon Valdez* Oil Spill (EVOS) Public Advisory Committee (PAC)

B. DATE/TIME: April 28, 2005

C. LOCATION: Anchorage, Alaska

D. MEMBERS IN ATTENDANCE:

Name	Principal Interest
Jason Brune	Public-at-Large
Gary Fandrei (T)	Aquaculture/Mariculture
Lisa Ka'aihue	Regional Monitoring
Chuck Meacham (T)	Sport Hunting/Fishing
Brenda Norcross	Science/Technical and STAC
Pat Norman (T)	Tribal Government
Ron Peck (T)	Commercial Tourism
Martin Robards (T)	Conservation/Environmental
Stacy Studebaker (T)	Recreation Users
Mead Treadwell (T)	Science/Technical
Andrew Teuber (T)	Subsistence
Ed Zeine (T)	Local Government

(T = via teleconference)

E. NOT REPRESENTED:

Name	Principal Interest
Torie Baker	Commercial Fishing
Larry Evanoff	Native Landowners
John Gerster	Science/Technical
Randy Hagenstein	Recreation Users
RJ Kopchak	Commercial Fishing
Pat Lavin	Conservation/Environmental
Ed Page	Marine Transportation
Robert Patterson	Public-at-Large

F. OTHER PARTICIPANTS:

Name	Organization
Barat LaPorte	Patton Boggs
Gina Belt	U.S. Department of Justice
Brett Huber	Alaska Dept. of Fish and Game
Doug Mutter	Designated Federal Officer, Dept. of the Interior
Gail Phillips	Trustee Council Staff
Richard Dworsky	Trustee Council Staff
Cherri Womac	Trustee Council Staff

Bryn Clark	Trustee Council Staff
Nancy Bird	Prince William Sound Science Center
Ross Mullins	Cordova Fisherman

G. SUMMARY:

In the absence of the Chairperson, Doug Mutter opened the meeting at 10:10 a.m. and served as chair of the meeting. He read the roll call, a quorum was present.

The summaries of the January 27 meeting and the March 18 briefing were unanimously approved. Gary Fandrei suggested that all future summaries include an explanation of any dissenting votes.

Public comments: Ross Mullins said he was glad that the herring problem in Prince William Sound was going to be addressed. He also stated that the project he and Ken Adams were working on now had information on a web site: http://www.pwsfrap.org

Gail Phillips reported that Brenda Norcross would be serving for the next few months at the Trustee Council offices to assist with EVOS science reviews.

Norcross gave a brief overview of the Science and Technical Advisory Committee (STAC) reviews of the two herring proposals (Rice and Kiefer, both previously distributed). The STAC recommended funding the Rice proposal, as it is most responsive to the Request for Proposals.

Chuck Meacham moved (second by Fandrei) that the Rice herring proposal be accepted.

Mead Treadwell said that new information and an ecosystem approach (including predator-prey relationships) seemed to be useful elements of the Keifer proposal. He asked if the Keifer computer analysis would be useful. He also noted that other herring-related work had been done. Norcross replied that the computer analysis would be interesting if additional funds were available, but that it did not focus on the question to be researched. She said she would pass along the information on additional studies to examine, and the need to address ecosystem elements, to the Principal Investigator after the project was awarded. Mullins stated that some good herring-related work had been done at the Prince William Sound Science Center. Nancy Bird said she would be glad to make their research results available.

The motion (moved by Meacham, second by Fandrei, with the amendment proposed by Treadwell): that the Rice herring proposal be accepted; with the encouragement that further attention be given to the study of ecosystem factors, such as productivity, prey availability, predator abundance, and cold and dry marine conditions in Spring 1989. Passed unanimously.

Phillips outlined the agenda for the June 11-12 meeting in Cordova. A 1-2 hour dialog session will be held with Trustee Council and PAC members. She asked what topics PAC members would like to discuss related to future activities. Pat Norman mentioned community involvement. Stacy Studebaker suggested the small parcel program and the format of the annual symposium and how more non-scientists could be involved in the symposium. Martin Robards offered the status and future of GEM. Treadwell suggested it would be useful to hear from science institutions that EVOS funds have been invested in as to their outlook for both science

and capital funding.

Phillips said that the Trustee Council tabled the small parcel program pending a review of the restoration results gained from the parcel program thus far. They will take up the program at their August meeting.

Cherri Womac outlined the travel logistics for the Cordova trip (see previous email). We will fly from Anchorage to Cordova the evening of June 10. The PAC meeting will be at the Masonic Hall. Hotel rooms are reserved at the Reluctant Fisherman. A field trip will be available for those not participating in the Salmon Nouveau. On June 12 we will take Stan Stephen's charter boat from Cordova to Whittier, visiting sites of interest. A bus from Whittier will deliver everyone at the Anchorage airport around 7 p.m.

The FY 2006 Work Plan will be reviewed by the STAC prior to the PAC meeting. Materials on the Work Plan will be provided PAC members before the June 11 meeting. This will be a featured topic of the meeting.

The meeting adjourned at 11:00 a.m.

H. FOLLOW-UP:

1. PAC members are to email to Phillips by May 15, suggested questions for discussion with the Trustee Council.
2. Norcross will provide the Herring Project Principal Investigator with information on additional studies to review and ecosystem elements to consider, as discussed above.
3. PAC members attending the Salmon Nouveau dinner while in Cordova must, on their own, register and make their payments to the Prince William Sound Science Center by May 15.

I. NEXT MEETINGS:

--June 10-11-12 in Cordova, including a field trip and discussion session with the Trustee Council, and a PAC meeting on the 11th

J. ATTACHMENTS: (Handouts, for those not present) NONE

K. CERTIFICATION:

_____ _____

PAC Chairperson **Date**

Cherri Womac

From: Brenda L. Norcross [norcross@ims.uaf.edu]

Sent: Thursday, June 09, 2005 8:11 PM

To: Stacy Studebaker; Chuck Meacham; Dr. John Gerster; RJ Kopchak; Martin Robards; Gary Fandrei; Richard Dworsky; Torie Baker; Doug Mutter; Ed Zeine; Randy Hagenstein; Lisa Ka'aihue; Mead Treadwell; Pat Norman; Ron Peck

Cc: Gail Phillips; Cherri Womac; Richard Dworsky; Carolyn Rosner

Subject: STAC reviews of FY06 proposals and modifications

Dear PAC members and TC liaisons -

I apologize for the tardiness of this email. I know I promised it sooner.
Attached you will find the STAC reviews and recommendations on each of the proposals received for FY06 funding as well as for requests for modifications that were received.

The FY06 Invitation asks for "**synthesis of information relevant to the determination of the status of injured resources and services. Included in this synthesis should be a critical evaluation of the status of injury, recovery, current strategies for storing these resources and services and potential future actions for restoring these resources and services.**"

The STAC has no agenda of its own. The sole objective of the STAC meeting at which the proposals were reviewed (26-27 Ma7 2005) was to evaluate the proposals based on each one's ability to satisfy the needs as laid out by the TC in the FY06 Invitation. The STAC's objective is to get the best scientific answers to the questions posed by the TC and to get them for the most reasonable price. The STAC very closely followed the FY06 Invitation for guidelines for review of proposals (p. 15-16, FY06 Invitation, Technical Review) and used these criteria in our evaluations. The attached reviews and recommendations are based on these criteria. There is a separate recommendation for each proposal the STAC reviewed. An overall review and recommendation will follow in a separate email.

The proposals were classified by the EVOS staff as FY06 synthesis (review all species), FY06 limited synthesis (review one or several species), FY06 unsolicited (not synthesis), and modification (to a currently funded proposal). This is the terminology that I employ throughout. Here are the proposals for which the STAC recommendations are attached.

Adams -	limited synthesis	060784
Ben-David	unsolicited	060781
Bickford	unsolicited	060782
Bodkin and Dean	modification	050750
Bodkin and Dean	limited synthesis	060788
Esler	limited synthesis	060777
Hoover-Miller	limited synthesis	060789
Irons and Bodkin	limited synthesis	060787
Irvine	modification	040708
Jacobs (*Integral*)	synthesis	060783
Kiefer	limited synthesis	060792
Rusanowski	synthesis	060785
Saupe	modification	050764
Short	limited synthesis	060786

Walker modification 040726

Brenda

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Adams – limited synthesis 060784

Recommendation: Do not fund.

Note that pink salmon is recovered and therefore that is a species that is not a target to be addressed. There is no evidence of participation (no letters of support, no matching funds) from cooperators, e.g., ADF&G. FY05 funding was specifically for one year funding to test the concept. Thus, though this project was funded for a year, no results from the first year of work were included in the proposal. The basis of this proposal is that a model for pink salmon will be available to be used by fishermen. However, this proposal does not state what the model does. Additionally, the budget only has money for "transporting" the model to PWSFRAP. There is nothing about the model in here, i.e., there is no testing of model. There is no plan for implementing the model. IDL software is a renewal license, requires a competent person to run this. There is not evidence of such a person available to run it. Nothing is promised to be produced from this one year of work.

This is very expensive for no product. This is obviously a multi-year effort, as all costs appear to be recurring annually. This is only a request to support the office in Cordova. Note this proposal also asks EVOS to buy computer for UMD, which is inappropriate as the model is to be transferred from Maryland to PWSFRAP. If TC thinks this is important (STAC does not think the technical content is important), then TC needs to define a commitment to this project with a long-term plan because most of the costs in the proposal appear to be fixed. If this is to be funded, STAC suggests site visits.

Ben-David – unsolicited 060781

Recommendation: Do not fund.

This proposal is not responsive to call in FY06. It is not synthesis and the proposed study is for a recovered species, river otters, which is not a target of research this year. The conceptual design is not good (as per peer reviews). The premise is that a climate change will affect schooling fishes (p. 5 ref are inadequate), which will then affect river otters and finally affect landscape. However, they have not shown proof that schooling fishes will change with climate. There also is no reference to support the statement that river otters feed on schooling fishes. There is poor coordination because model input on which this is dependent (Kiefer) does not exist. The model as proposed is not predictive; the result should be a nice conceptual model that cannot be disproved for years.

Bickford – unsolicited 060782

Recommendation: Fund as proposed.

Bickford's unsolicited proposal does not respond to the FY 2006 EVOS Request for Proposals, but is potentially a valuable addition to the FY06 work plan. Because herring is not a recovered or recovering species in Prince William Sound, new information on this fishery might help answer the question as to why it has not recovered. The proposed study uses chemical analyses of the herring otoliths to determine the spawning location of herring larvae and path of drift in PWS. While the technique is straightforward it has not been applied previously to this fishery. It will be used to test the validity of the 3-D transport model, which could be critical to the management of herring and its recovery. The proposal has great potential, is exciting science, addresses the herring issue and is moderately priced. The investigator is well versed in the techniques and is very competent to carry out this work. STAC recommends funding this proposal at the requested level.

Bodkin and Dean - modification request

Recommendation: Fund the function, i.e., data base management, which is requested; however consider where the function is conducted.

This is a critical function and the modification needs to be funded to finish this project. Ideally this should be conducted by a database management person in the EVOS. Therefore we strongly recommend that a database management person be hired as an EVOS staff member to perform the services proposed as the beginning of a shift of long-term management of data and meta-data to EVOS as an in-house function. While that is our preference, STAC recognizes that other arrangements may be necessary in the transition period.

Bodkin and Dean – limited synthesis 060788

Recommendation: Fund the function, i.e., data base management, which is requested; however consider where the function is conducted. Funding for the data manager should not be within this proposal, but rather as part of the EVOS staff. See funding recommendation for Bodkin and Dean request for modification.

On the assumption that a database manager will be hired within EVOS, the proposers should submit a modified proposal to support the personnel who will work with the EVOS database manager to ensure proper database development. The best synthesis product will be obtained by having these scientists provide expert advice to assemble the appropriate database.

Esler – limited synthesis 060777

Recommendation: Suggest modification of this proposal to incorporate this PI, as expert on harlequin ducks, into a larger overall synthesis.

This proposal is excellent. It is well written and clear. Esler has done all the work and published it already and just needs to update what he has done. Esler is an exceptional young scientist who produces and publishes as promised. The value added beyond what has been published, besides updating a year or two, is the quantitative model. Having a clear conceptual model and adding a quantitative model may or may not help, but it should be investigated. However, there is no form of model in proposal and nothing to demonstrate that Esler has modeling experience.

If individual species syntheses are needed and desired by TC, then Esler is the expert who should be tasked to do harlequin ducks. There is a philosophical question about the value of paying $50K for synthesis of one species. EVOS has paid for publication of a summary by Esler, which would be the foundation for a revised and updated synthesis. Yes, this should produce two papers, one qualitative, one quantitative, but it is still only one species. The amount of funding that is being requested and the allotted time is more than is need to write a review of one species. Renegotiation is needed.

Hoover-Miller – limited synthesis 060789

Recommendation: Suggest modification of this proposal to incorporate this PI, as expert on harbor seals, into a larger overall synthesis.

This proposal addresses an injured resource, harbor seals, and service, subsistence. This proposal is, in part, responsive to the Invitation. The PIs are capable and have published previous findings. Unfortunately the proposal not tight, it is unclear what is being used to develop the work, and it is unclear what products will be produced. Note, when there is a cost share element as with the PIs here, the budget must show what these persons will do and how much time will be matched, i.e., the persons must be accountable and committed for sufficient time to complete the project.

This has a strong TEK component and earmarking $25K for the AK Harbor Seal Commission is good, however, the person at the Harbor Seal Commission who is capable of doing this synthesis must be identified. There are insufficient specific methods given as to how this synthesis will be done or how the subcontractors will work. STAC questions the cost $25K for TEK.

Again, if individual species syntheses are needed and desired by TC, then Hoover-Miller is the expert who should be tasked to do harbor seals. There is still the philosophical question about how much to pay for synthesis of one species. This project would examine harbor seals as a resource and as a subsistence item. This is still the same problem of an expensive single species review. Again, because of what the PI has already produced, we expect this project to be less expensive. Renegotiation is needed.

Irons and Bodkin – limited synthesis 060787

Recommendations: Do not fund in current form.
Suggest modification of this proposal to incorporate these PIs, as experts on sea birds (Irons) and sea otters (Bodkin) into a larger overall synthesis.

There is an uncomfortable level casualness in this proposal and a lack of rigor on the part of these scientists. The methods are almost non-existent. The only place that methods can be found is under "Data Management" and is apparently taken from another document as it cites figures that are not included here. The budget seems excessive and does not state who is doing what for all the person months that are requested. The proposal states that a TEK survey will be done, but there is no example of how the survey will be designed and conducted or by whom. The budget requests 12 trips to oil-spill affected communities, yet there are no methods as to what would be done there and where the communities are. The details are insufficient to adequately evaluate this proposal and recommend funding. While we agree that the PIs are very competent scientists, we cannot recommend funding of the proposal in its present form on that basis alone.

These scientists are experts in their fields for birds (Irons) and sea otters (Bodkin) in PWS. STAC suggests that these are two of the experts who should be invited to submit proposals or who should be given limited contracts to produce a synthesis for the species in their areas of expertise. This is separate from and different from the proposal that was submitted, although it could be resubmitted as a modification of this proposal for purposes of contract negotiation.

Jacobs – *Integral Consulting* – synthesis 060783

Recommendation: Do not fund in current form.
The PI could be invited to submit an amended and much reduced proposal that incorporates and coordinates syntheses produced by the experts on the species and services in PWS.

Responsiveness (10%)
Integral Consulting proposes to provide a review of the status of unrecovered and recovering species and the status of lingering oil and its effects in PWS. They propose to meet the time line.

Project design/conceptual soundness (40%)
The proposal outlines five tasks that are reasonable and that they may be able to accomplish in the required time frame. Development of the synthesis is laid out in a reasonable order. It is good that they begin with an early identification of the necessary scientists. The idea of a series of workshops in Alaska is very good. They have provided a detailed outline for the resource recovery assessments. They have included a statement for limited application of statistical analyses for the determination of resource assessments.

This group is currently being funded to provide an independent evaluation of the recovery status of injured resources. This proposal adds injured services and recovery recommendations. However, the focus is on design matrix and recovery terminology, not on species and ecosystems.

An outline of an appropriate approach is seen in Table 2 and Figure 3, but there is no evidence of methods to explain how the "metrics" will be determined. For example when they ask "are metapopulations (table 2 – spatial/temp)…", approaches to answering such questions are unspecified.

As stated above, the intention for early identification of necessary scientists not employed by *Integral* is good. However, the proposal depends on volunteer, outside, unnamed resource experts to come to meetings/workshops, to inform *Integral's* consultants of needed information. However, there is no list of who these people are, or whether anyone has agreed to participate and meet the proposed schedule.

Defined milestones distributed across duration of project allow course correction and program oversight.

Project management (25%)
There is no obvious project leader dedicating full time to the project over a sufficiently long period to demonstrate that the project can be completed in a comprehensive manner.

The majority of personnel are employed by *Integral* and physically located in the same place, which is good. The specific identification of personnel responsible for tasks is critical to this project, but this identification is not detailed in this proposal. The distributed nature of the effort of the individuals, as seen in the budget, does not suggest effective organization. No evidence of past corporate performance by *Integral Consulting* has been presented.

Skills in population status and ecology are needed to address the questions in Table 2. The resumes of the personnel are strong in ecotoxicology, but among fifteen personnel none appear qualified to address the population questions nor does any have PWS experience. Again, the input of "volunteer" scientists in the field (called "Trustee Scientists" in the proposal) is required, but it is unclear what incentives there are for these volunteers to participate.

Project cost effectiveness (15%)
Lack of detailed breakdown of duties and associated costs makes cost effectiveness very difficult to evaluate. Individual remuneration is at extremely high rates for Ph.D.-level personnel nationally.

It is irresponsible on the part of the proposers to assume that the EVOS staff will deal with support of Trustee Scientists, other outside people, etc., providing additional costs of $99K for this purpose. The mechanics for working with outside experts are unspecified, and associated costs are not detailed. Given the level of *Integrals'* budget request, they should have money to organize and pay for the consultative meetings they propose.

The proposal does not make clear how much of the product will be new work or how much has already been accomplished under the proposer's project funded currently by the Alaska Department of Law. EVOS needs assurance that new work is intended in return for new funding, and we think this new proposal should be more cost-effective given work already completed. The proposers themselves raise this issue on page 13: "It is anticipated that a portion of the required work effort for those resources classified as recovering and not recovered will have been addressed by the ongoing work of Jacobs et al. (2005)."

Project Collaboration and Coordination Efforts (10%)
Here we reiterate our concern that mechanisms for obtaining cooperation with Trustee Scientists and other appropriate experts are unspecified. The list of outside scientists (no specific names, just agencies) expected to contribute (page 4) does not include university personnel who have been major contributors to EVOS-supported PWS research.

Proposed (see budget explanation) meetings to be conducted by *Integral Consultants* in Anchorage do not present an opportunity for its analysts to interact with the EVOS-affected communities. Inclusion of traditional ecological knowledge would be appropriate but has been relegated to future planning.

Overall Recommendation

The project should not be funded as proposed. We think a different process to obtain the review of EVOS recovery status would be more productive, one with direct and specific access to the experts who know the ecosystem and the history of events following the oil spill. Major modification to address proposal deficiencies should be required before EVOSTC considers a contract with *Integral Consultants* for review of EVOS damage to PWS populations and environment.

Keifer – Limited synthesis **060792**

Recommendation Do not fund.

This proposal is not really a synthesis. The objective of the proposal is to only use some data to incorporate in a GIS data base.

The physical presentation of the proposal was poor, i.e., the fonts changed frequently, making it difficult to read. The design concept was not detailed enough to judge the merits adequately. The PI is doing something similar for NPRB. It is uncertain as to much how much has been developed because results from previous project not included in this proposal. The project is expensive, with no projection given of cost to maintain and cost to expand beyond prototype. There is no description of what each person will do; e.g., Evelyn Brown is listed as a consultant, but there is no description of what she will do. There is no outreach, no training of PIs or others to use this.

Funding this project would be premature until EVOS has an overall strategic plan for database management. Making a decision to fund this would be a long-term commitment to EASy, as opposed to ESRI products (ArcGIS) which are the standard. This is not a decision to make lightly without a solid database foundation. EVOS needs a work plan developed for data management and then put out RFP for specifics.

Rusanowski - *Shipley Group* – **synthesis** **060785**

Recommendation: Do not fund.
What is needed is an amended and much reduced proposal that incorporates and coordinates syntheses produced by the experts on the species and services in PWS.

Responsiveness (10%)
Shipley Group proposes to provide a review of the status of unrecovered and recovering species and the status of lingering oil and its effects in PWS. They propose to meet the time line.

The proposed deliverables, if in fact delivered on schedule, should meet the requirements of the invitation. There will be 25 chapters, an introduction, 23 reviews of individual species and services, and a conclusion.

Project design/conceptual soundness (40%)
Shipley Group offers both a philosophy (i.e., a cyclic adaptive management approach) and indications that an appropriate list of EVOS-affected species and services will be considered in the review.

The proposed project design depends upon cooperation of experts outside of the *Shipley* staff and its dispersed consultants (Humboldt State University and elsewhere). These outside experts are not identified in the proposal, and the risk is high that they will be unable to cooperate in timely fashion. There needs to be an explicitly stated plan for how these experts will work together and what individual tasks they are assigned. There are no methods stated for generating the synthesis; there are no funds allocated for the scientists to collaborate.

Gathering of people from around Alaska and from sites distributed across the lower 48 for a one-day workshop is not efficient for an information-synthesis workshop lasting only one day. People will not have recovered from travel exhaustion before they are headed home. The workshop, scheduled just three days before the report is due to EVOSTC, appears to imply that no time will be required to synthesize the meeting discussions and to develop an overview from presentations by the reviewers of the status of 23 species. The meeting plan does not provide enough time to gather input from attendees other than the presenters. It is stated that suggestions arising at the workshop will be used to modify the conclusion section of the final report. However, no time has been left for this, given the late date of the workshop. It appears that the workshop is merely to present final results as a formality, with no actual involvement of the experts in PWS.

There are words written that ostensibly link the proposed synthesis to ecosystem-based management, however there is nothing in the study plan that acknowledges or addresses the ecosystem concept. The anticipated result is 23 individual reports. There is no

reference to the three major ecosystem-based projects, SEA, NVP, APEX, that have been funded by EVOS.

The proposal lacks defined project milestones. Explicit stages of progress need to be identified and distributed across the duration of the project to allow course corrections and recurring EVOSTC program oversight.

Project management (25%)
Dr. Rusanowski apparently (budget) proposes to commit 10 months to the project, but at only $1824/month, which is illogical. His net income would be below the poverty level, which is surely not his intention. For $18,240 it is more likely he intends to commit one to two months to the PWS recovery evaluation. Thus, while the proposal appears to provide for dedicated, focused leadership, a very limited time commitment is intended. This appears to have resulted from misunderstanding by *Shipley* of the standard EVOS budget format.

Problems with budgeting process also have affected presentation of planned remuneration for other *Shipley* staff. None of the other staff have positions that are likely to allow the 7-month commitments listed in the proposal budget.

It is a concern that none of the expert consultants working with the *Shipley Group* listed in the proposal has presented high-level credentials in the subject areas required for an EVOS/PWS status review. The level of personnel excellence may be good, but that is not obvious from the very limited resumes in the proposal. There is very limited expertise included in fishery science, mammology and population-level biology. Expertise in ornithology is better represented, with two workers who have published on seabird issues, and both nearshore biology and population biology are represented. Toxicology is not covered in any credentials presented for the consultants. Roles for several economists are not clearly specified. Overall, the consultants retained for this work by *Shipley Group* do not appear to be consistently appropriate for the proposed tasks.

No evidence is provided that there is a history of this team working together. There is no catalog of their success at previous projects done as the *Shipley Group*. This is a concern, because so many dispersed individuals are involved and required to work semi-independently.

Project cost effectiveness (15%)
The proposal is to use $435,741 for tasks involved in generating the review. Personnel costs consume $377,270 of the total request. Exactly how tasks are distributed to each of the contributing panel of *Shipley* consultants is unclear. There is no specification of who will do what. If such specification had been included it would indicate that there was serious planning and preparation of the recovery review.

One, one-day workshop is proposed at a cost of $4,942, which is a low estimate if any travel reimbursement is intend for contributing scientists. Probably that isn't planned, which makes it unlikely that anyone outside of Anchorage would attend. Travel is

budgeted at $17,550, which should be adequate to bring *Shipley* investigators to Alaska and to bring presenters to the workshop. However, it is not adequate to pay for invitees to attend.

Project Collaboration and Coordination Efforts (10%)
As noted above, no arrangements are specified for obtaining the scientific expertise with Prince William Sound and EVOS issues that will be required to produce an excellent review.

Overall Recommendation

The project should not be funded. We think a different process to obtain the review of EVOS recovery status would be more productive, one with direct and specific access to the experts who know the ecosystem and the history of events following the oil spill. Major modification to address proposal deficiencies should be required before EVOSTC considers a contract with the *Shipley Group* for review of EVOS damage to PWS populations and environment.

Saupe - modification request 050764

Recommendation: Do not fund.

The request for additional years of funding to add new research falls outside of the concept of modification to a currently funded proposal. The FY05/06 was funded for Kodiak not for PWS.

This is a valuable product conducted by competent people. STAC supports the project for future funding. However, it is not time critical for FY06 when syntheses are needed. STAC suggests that this be given serious consideration for funding in FY07.

Short – limited synthesis **060786**

Recommendation: Suggest modification of this proposal to incorporate this PI, as expert on oiled sediments, into a larger overall synthesis.

However, EVOS needs to receive outstanding reports prior to recommending additional funding for this PI.

The PIs are fully qualified and have access to all publications and reports. STAC assumes that the milestones for Objectives 1-4 (assemble, collate, review) will be completed by December 2005, not 2006 as written. STAC does not understand from this proposal what the technique is for acquiring samples under water in sub-tidal areas as the intertidal standard technique is a pit hole. We disagree with proposers and recommend that additional synthesizing statistical analyses need to be included in the review. The cost of this proposal for updating work that has been funded for years is much more reasonable than similar proposals submitted.

Walker - modification request 040726

Recommendation: Do not fund.

The request for additional years of funding to add new research falls outside of the concept of modification to a currently funded proposal. Additionally, the proposal as written does not provide enough information for STAC to understand the basis of conclusions on which the modification for new research is based.