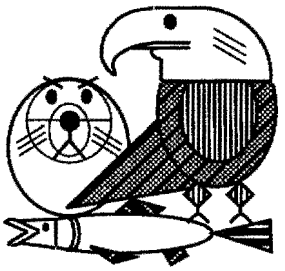
13.08.01 September 1994 (2 of 2)

Exxon Valdez Oil Spill Trustee Council

Restoration Office
645 G Street, Suite 401, Anchorage, Alaska 99501-3451
Phone: (907) 278-8012 Fax: (907) 276-7178



MEMORANDUM

To: Negotiators

From: Molly McCammon
Director of Operations

Date: September 9, 1994

Subj: September 13 Meeting

Just a reminder that there will be a Negotiators meeting/teleconference Tuesday, September 13, at 10:30 a.m. The Anchorage location will be the Simpson Building and the Juneau location will be John Harmening's or Walt Sheridan's office. Please call Rebecca Williams at the Restoration Office to confirm.

mm/raw

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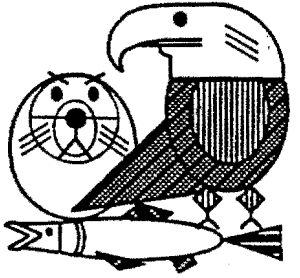

FAX COVER SHEET

To: See distribution below Number:

From: Molly McCammon Date: September 9, 1994

Comments: Total Pages: 2

Pls forward to the individual below in your ofc:

Glen Elison
Dave Gibbons
Chuck Gilbert
Carol Fries
Alex Swiderski
Bob Putz
John Harmening
Walt Sheridan

Document Sent By: Rebecca

****
*** MULTI TRANSACTION REPORT ***
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TX/RX NO. 2256

INCOMPLETE TX/RX

TRANSACTION OK	[09] 19075867589	J.AYERS
	[10] 19075867555	D.GIBBONS
	[14] 2572510	S.RABINOWITCH
	[15] 5624871	C.FRIES
	[36] 2787022	ALEX-CRAIG
	7863625 Elison	
	3048760739 Putz	
	5867843 Harmening	
	5867840 Sheridan	

ERROR

Spd dial

Ayers	Elison 786-3625
Gibbons	Putz 304-876-0739
Gilbert/Rabinowitch	Harmening 586-7843
Alex	Sheridan
Fries	

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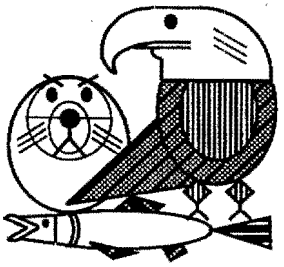


September 9, 1994

To Whom It May Concern:

Please be advised that Chris Woods is traveling on behalf of the State of Alaska and the U.S. Government, and, in that capacity is entitled to receive government rates for airfare and accommodations.

He will be working on government business until October 30, 1994. Any questions relating to this matter should be directed to:

Executive Director
Exxon Valdez Oil Spill Restoration Office
645 G Street Suite 401
Anchorage AK 99501-3451
(907) 278-8012

Thank you for your cooperation.

Sincerely,

James R. Ayers
Executive Director

jra/raw

DATE: **9/9/94**

TO: **Rebecca Williams, CACI**

FAX #: **(907) 276-7178**

FROM: **Susanna L. Chase, Administrative Assistant**

FAX # **(510) 373-7834**

Rebecca - Please issue a Travel Letter with an expiration date of **October 30, 1994** for the following Peer Reviewers.

Please send the letters directly to the reviewer and a copy to our office
Thank you for your help with this matter.

Sockeye Salomon Meeting
October 10-12th
Anchorage, Alaska

Chris Woods (604) 756-7140
Pacific Biological Station
Hammon Bay Road
Nanaimo, BC
V9R 5K6

Cordova panel to ask spill fund for money

The Associated Press

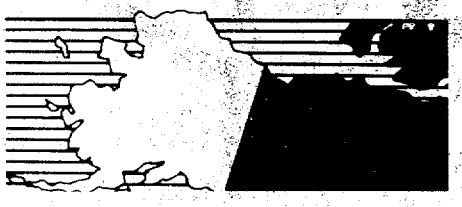
CORDOVA — City council members want $6.5 million in oil spill settlement money to replace municipal buildings that saw heavy use in 1989 during the Exxon Valdez spill.

Council member Ruth Steen initiated the idea of asking the Exxon Valdez Oil Spill Trustee Council to provide the money for a new library, museum, city hall and youth center. The council and Mayor Margy Johnson backed the action.

The city buildings are in need of repairs that would not be practical given the cost, said Scott Janke, Cordova's city manager.

"Our buildings are nearing the end of their lives," he said in the library-museum. "If OSHA (Occupational Safety and Health Administration) ever walks in here, they'll close this building."

Safety violations in the buildings include boiler room infractions in several buildings, said George Keeney, the city's public works director



"We were so busy during the cleanup diverting our services elsewhere we didn't have time to maintain them," Keeney said.

The city has its work cut out in getting the trustee council to agree to the request, said Janke. "We need to help them see the correlation between the need and the heavy use and deferred maintenance during the spill," he said.

Keeney envisions a new city complex built where the museum and library complex are now, with city hall occupying the first floor, opening onto First Street, and the second story holding the museum and library and opening onto Second Street.

The grant also would cover the construction of a new city shop and public safety building holding a fire and police station.

****
*** ACTIVITY REPORT ***
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TX/RX NO.	2240
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CONNECTION ID	ALEX-CRAIG
START TIME	09/09 08:28
USAGE TIME	01'07
PAGES	2
RESULT	OK

Exxon Valdez Oil Spill Trustee Council

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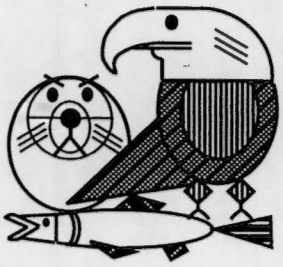

Sent to the PAG on 9/8/94

September 7, 1994

Dear Members of the Public Advisory Group:

Thank you for your recent candid and helpful recommendations regarding operations of the Trustee Council and the Public Advisory Group. I appreciate your continued support and involvement in this process, as well as your willingness to work together to improve the overall public involvement process.

I am enclosing in this packet a number of briefing materials and background items for your review. Please don't hesitate to contact me if you have any questions about any of these materials.

1. Trustee Council meeting notes

Enclosed are the notes from the August 23 meeting with attachments.

2. Habitat Protection and Acquisition

Enclosed are spreadsheets listing the status of negotiations and appraisals for those large parcels currently being considered for possible acquisition by the Trustee Council. If you have any questions about these, don't hesitate to call me. The Trustee Council also adopted at its August 23 meeting the PAG recommendation on the "less than fee" and "public access" negotiating guidelines, with some minor revisions by staff. You help on these issues was greatly appreciated.

3. Interim budget

The Trustee Council approved the PAG's recommendations for the group's budget, providing sufficient funding for at least five, and possibly six two-day meetings, depending on their location and cost.

4. Investment options

The Alaska Department of Revenue and the U.S. District Court have both provided information about possible investment options for Trustee funds. I have enclosed copies of that material for your information. I will be preparing an option paper and recommendation for the Trustee Council for their October meeting.

5. Financial report

Enclosed is the financial report prepared by the Director of Administration, June Arkoulis-Sinclair. Ms. Sinclair submitted her resignation to take a position in New York, and has been replaced by Ms. Traci Cramer of Juneau, who most recently worked as a budget analyst for the State of Alaska's Office of Management and Budget.

6. Draft FY95 Work Plan

By this time you should already have received copies of the Summary and Supplement Volume I of the Draft Work Plan. Please contact the Anchorage office if you have not received copies. Enclosed is Supplement Volume II. Budget information on each project is included as part of each brief project description. If you would like more detailed budget information about proposed projects, please let me know.

The public comment period on the Draft Work Plan lasts through October 3, with a teleconferenced public hearing scheduled for September 28. I will also be giving a detailed briefing on restoration activities at that time, including habitat protection and acquisition efforts. The Public Advisory Group is scheduled to meet on October 12 and 13, with the Trustees scheduled to take action on the FY95 Work Plan on or about October 31.

7. Dates to remember

Enclosed is a 1-page reference sheet on the meetings and activities scheduled for the next two months.

8. EIS for Restoration Plan

Enclosed is a summary of the public comments received on the Draft Environmental Impact Statement for the Draft Restoration Plan. The Final EIS is now being prepared, and is scheduled to be available to the public by September 28. Following a 30 day review, the Record of Decision on the Final EIS will be signed on October 31. The Trustee Council will adopt a final Restoration Plan after the ROD is signed.

9. PAG charter renewal and nominations

Due to the low response during the initial solicitation, the nomination period for PAG members has been extended through October 31. Renewal of the PAG charter is currently underway.

10. Report on OSPIC

At your last meeting you requested a report on OSPIC's activities. I have enclosed this for your information. If you have questions, please contact Ms. Carrie Holba at 278-8008.

11. Issues report

Also at your last meeting, the PAG agreed that all members would compile a list of all the restoration issues they believe are important along with alternative solutions, to serve as a final report for the current PAG. Please be sure to send those in to Molly McCammon in the Anchorage Restoration Office as soon as possible so we can have the list ready for the October meeting.

12. Next PAG meeting

The next PAG meeting is scheduled for October 12 - 13, beginning at 8:30 a.m. Lunch will be provided on the first day.

Again, I would like to thank you for your continuing participation in the Public Advisory Group process. Feel free to call me at 586-7238 or Molly McCammon at 278-8012 at any time if you have comments or questions.

Sincerely,

James R. Ayers
Executive Director

1. Trustee Council meeting notes

Exxon Valdez Oil Spill Trustee Council

Restoration Office
645 G Street, Suite 401, Anchorage, Alaska 99501-3451
Phone: (907) 278-8012 Fax: (907) 276-7178

TRUSTEE COUNCIL MEETING ACTIONS

August 23, 1994 @ 10:30 a.m.

By James R. Ayers
Executive Director

Trustee Council Members Present:

Phil Janik, USFS	Carl Rosier, ADF&G
•Deborah Williams, USDOI	*John Sandor, ADEC
Steve Pennoyer, NMFS	•Craig Tillery, ADOL

* Chair
• Alternates:

Deborah Williams served as an alternate for George T. Frampton, Jr. for the entire meeting.
Craig Tillery served as an alternate for Bruce Botelho for the entire meeting.

1. Approval of the Agenda

APPROVED MOTION: Approved the Agenda. (Attachment A) Added review of 1994 salmon returns by Carl Rosier to agenda.

APPROVED MOTION: Approved July 11, 1994 and July 18, 1994 Trustee Council meeting notes. (Attachment B)

2. Restoration Plan Update

APPROVED MOTION: Adopted motion on EIS and Restoration Plan as recommended by Executive Director (Attachment C). Carl Rosier moved, second by Phil Janik.

3. Less Than Fee and Public Access Policies

APPROVED MOTION: Adopted Public Advisory Group recommendation with minor changes from staff (Attachment D). Phil Janik moved, second by Steve Pennoyer.

4. Proposed Interim Budget

APPROVED MOTION: Adopted administrative and project interim budgets as recommended by Executive Director (Attachment E) with changes as identified. Carl Rosier moved, second by Steve Pennoyer.

5. Hiring of Director of Administration

APPROVED MOTION: Subject to Trustee Council approval, authorized hiring of a replacement for June Sinclair who has resigned to take a position in New York. Steve Pennoyer moved, second by Carl Rosier.

Meeting recessed.

nw

Attachment A

Exxon Valdez Oil Spill Trustee Council

Restoration Office
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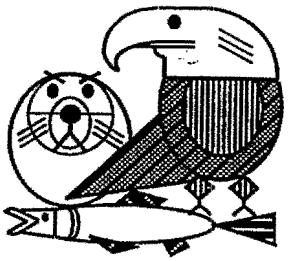
Phone: (907) 278-8012 Fax: (907) 276-7178



AGENDA
EXXON VALDEZ OIL SPILL SETTLEMENT
TRUSTEE COUNCIL

DRAFT

AUGUST 23, 1994 @ 10:30 A.M.

8/16/94
3:18 pm
DRAFT

Trustee Council Members:

PHIL JANIK/JIM WOLFE
Regional Forester/Trustee
Alaska Region/Representative
U.S. Department of Agriculture-Forest Service

BRUCE BOTELHO/CRAIG TILLERY
Attorney General/Trustee
State of Alaska/Representative

GEORGE T. FRAMPTON, JR./DEBORAH WILLIAMS
Assistant Secretary/Trustee Representative
U.S. Department of the Interior

STEVE PENNOYER
Director, Alaska Region
National Marine Fisheries Service

CARL L. ROSIER
Commissioner
Alaska Department of Fish & Game

JOHN A. SANDOR
Commissioner
Alaska Department of Environmental Conservation

, Chair
Anchorage - 645 G Street Fourth Floor

1. Call to Order 10:30 a.m.
   - Approval of Agenda
   - Order of the Day
   - Approval of July 11 and 18, 1994 Meeting Notes

2. Public Advisory Group Report (Brad Phillips) and
   Public Comment Period 10:30 - 11:30 a.m.

3. Restoration Plan Update (Jim Ayers) 11:30 a.m.
   - Summary of Public Comments on EIS (Rod Kuhn)
   - Adoption of Preferred Alternative for EIS*
   - Implementation/Final Restoration Plan

4. Habitat Protection and Acquisition
   - Update on Activities
     (Possible Executive Session for Strategy Discussion)

Trustee Agencies
State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

- "Less than fee" and "Public Access" Policies*

5. Proposed Interim Budget*
   - Administrative Budget
   - Project Interim Budgets

6. Executive Director's Report (Jim Ayers)
   - Financial Report
   - Court Request
   - Investment Options
   - Chief Scientist Contract (Possible Executive Session)
   - Institute of Marine Science Improvements Update
   - FY95 Draft Work Plan

7. Future Meeting Schedule

***Action Items**

Exxon Valdez Oil Spill Trustee Council
Restoration Office
645 G Street, Suite 401, Anchorage, Alaska 99501-3451
Phone: (907) 278-8012 Fax: (907) 276-7178

TRUSTEE COUNCIL MEETING ACTIONS

July 11, 1994 @ 1:00 p.m.
Reconvened from May 31, 1994 Meeting

By James R. Ayers
Executive Director

Trustee Council Members Present:

Phil Janik, USFS	Carl Rosier, ADF&G
•Deborah Williams, USDOI	*John Sandor, ADEC
•Don Collinsworth, NMFS	•Craig Tillery, ADOL

* Chair
• Alternates:

Deborah Williams served as an alternate for George T. Frampton, Jr. for the entire meeting.
Craig Tillery served as an alternate for Bruce Botelho for the entire meeting.
Don Collinsworth served as an alternate for Steve Pennoyer for the entire meeting.

1. Approval of the Agenda

APPROVED MOTION: Approved the Agenda. (Attachment A)

APPROVED MOTION: Approved May 31, 1994 Meeting Notes. (Attachment B)

2. Publication Policy

APPROVED MOTION: Adopted Publication Policy as recommended. (Attachment C) Motion by Deborah Williams, seconded by Phil Janik. Deborah Williams clarified that in lieu of the disclaimer language, in some cases it would be possible to seek Trustee Council and/or Chief Scientist endorsement of an article for publication. No action on other issue.

3. Peterson Resolution

APPROVED MOTION: Adopted resolution honoring Dr. Charles Peterson. Motion by Carl Rosier, seconded by Deborah Williams. (Attachment D)

4. Outline of Draft FY95 Work Plan

APPROVED MOTION: Adopted, with changes, a general outline for structure of the Draft FY95 Work Plan. Motion by Deborah Williams, seconded by Carl Rosier. (Attachment E)

Meeting recessed until July 18, 1994 @ 3:00 p.m.

Exxon Valdez Oil Spill Trustee Council

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Phone: (907) 278-8012 Fax: (907) 276-7178

TRUSTEE COUNCIL MEETING ACTIONS

July 18, 1994 @ 3:00 p.m.
Reconvened from July 11, 1994 Meeting

By James R. Ayers
Executive Director

Trustee Council Members Present:

•Jim Wolfe, USFS	Carl Rosier, ADF&G
•Deborah Williams, USDOI	*John Sandor, ADEC
•Don Collinsworth, NMFS	•Craig Tillery, ADOL

* Chair
• Alternates:

Deborah Williams served as an alternate for George T. Frampton, Jr. for the entire meeting.
Craig Tillery served as an alternate for Bruce Botelho for the entire meeting.
Don Collinsworth served as an alternate for Steve Pennoyer for the entire meeting.
Jim Wolfe served as an alternate for Phil Janik for the entire meeting.

1. Approval of the Agenda

APPROVED MOTION: Approved the Agenda. (Attachment A)

2. Habitat Acquisition Update

APPROVED MOTION: Trustee Council authorized an additional $1,500,000 to accommodate the U.S. Forest Service's proposed Appraisal Schedule & Cost Estimates. This is to include a timber cruise for Tatitlek @ $200,000 and an expedited Eyak timber cruise and report (mid-September) @ $600,000. Akhiok, Old Harbor and Koniag report due date to change from mid-September to late August. Also, requested was a written explanation from the contractor for the cost difference regarding the report due dates. Motion by Deborah Williams, seconded by Jim

Wolfe.

3. Upcoming Meeting Dates

APPROVED MOTION: The next Trustee Council meeting will be in Anchorage on August 23, 1994 @ 10:30 a.m.

Meeting adjourned

nw

DRAFT

MOTION ON EIS
(Draft 8/23/94)

MOVE THAT:

The Council pursue the array of alternatives as described in the Draft Environmental Impact Statement for the *Draft Restoration Plan*, with alternative 5 as the proposed action at this time in the Final EIS and

1) The Council request the Executive Director to direct the EIS team to appropriately address the public comments received on the DEIS; complete and print the Final Environmental Impact Statement; complete the process for the Record of Decision, and

2) Direct the Executive Director to prepare a review draft (preliminary) Final Restoration Plan which responds to public comments and incorporates the implementation management-by-objective structure and the restoration reserve, for consideration after the Record of Decision is final.

Milestones for FEIS

8/1/94	Close of comment period.
8/5/94	Package of Comment letters to TC.
8/12/94	Draft of comment summary to TC.
8/10/94	Send EIS and Comment letters to John Farrell followed by the draft responses to comments ASAP.
8/12/94	Send PFEIS to TC et.al. (Note: This is the DEIS plus Chapter 5 - Response to Comments. If there are no changes in the DEIS then all we are focusing on is Chapter 5. If there are changes of some significance then we may need to adjust this date.)
8/22/94	TC comments on PFEIS due to Rod.
8/22-9/9/94	Edit FEIS and prepare camera ready copy.
9/10/94	Send camera ready copy of FEIS to Printer.
9/21/94	Printer sends FEIS to EPA for Noticing on Federal Register.
9/30/94	Federal Register publishes Notice of Availability of FEIS.
10/31/94	Sign the Record of Decision (R.O.D.) after 30-day waiting period.
11/1-11/10/94	Print R.O.D.

August 15, 1994 4:24pm

DRAFT PREPARED FOR THE TRUSTEE COUNCIL BY THE PUBLIC ADVISORY GROUP

This draft document has been prepared Public Advisory Group. Edits proposed by Trustee Council staff are indicated by redline and strike out

POLICY GUIDELINES

General

The purpose of the Comprehensive Habitat Protection Process is to identify and protect habitats that will benefit the recovery of resources and services injured by the Exxon Valdez oil spill. Some of the protection tools available include: fee title acquisition; less than fee acquisitions including conservation easements, acquisition of partial interests, acquisition of commercial timber rights and term easements; land exchanges; and cooperative management agreements. Following an agreement for protection, acquired parcels or interests will be managed in a manner that is consistent with the restoration objectives for the injured resources and/or services.

Selection of the appropriate protection tool for a particular parcel or habitat area requires consideration of ~~will consider~~ the measures necessary to meet restoration objectives for the injured resources or services for that particular parcel. Factors to be considered include such things as habitat requirements of injured resources, cost effectiveness, restoration benefits to injured resources and services, restoration benefits ~~to lost or diminished services~~ of providing public access, and the cultural and economic needs of the existing land owners. Each proposed acquisition will address these and other factors on a case-by-case basis in order to ensure consistency with the restoration objectives and cost effective expenditure of settlement funds.

Acquisition of fee simple title

Fee simple title acquisitions have the potential to provide the highest level of habitat protection. Fee simple acquisitions also are more likely to avoid future ambiguities concerning future management, rights of sellers, public access and use, the possibility of development activities incompatible with restoration

objectives and other issues that may arise with less than fee simple acquisitions. Fee simple acquisitions are also less complex to negotiate and therefore more likely to be successfully completed. The purchase price for fee simple may be only slightly greater than the purchase price of lesser interests. Acquisition of commercial timber rights alone may not provide adequate habitat protection. The cost of future management of less than fee interests may be significantly higher than that of fee interests. Therefore, fee simple acquisition will, in many cases, be the preferred method of habitat acquisition and likely to receive a higher priority.

Acquisition of less than fee simple title

In some cases, restoration of injured resources and services can be achieved through acquisition of less than a fee simple title interest in the land. There are several reasons to pursue this strategy when it is adequate to meet restoration objectives. First, it may reduce the cost of the protection. Second, less than fee interests may be available that meet restoration objectives when fee simple title is not for sale. Third, it may allow the owner of the residual fee interest to pursue economic, cultural and other activities on the lands that are compatible with restoration objectives.

The density and type of commercial or other development has the potential to reduce the value for restoration purposes of the rights acquired in a less than fee simple transaction. In less than fee simple acquisitions the extent of development, if any, to be permitted should be specified. For example, the number of lodge sites or home sites, their size and location should be identified. The rights reserved to the seller, including the extent of development permitted, if any, must be delineated so as to preserve the value of the land for restoration purposes. The development rights reserved will differ from parcel to parcel depending on the particular needs for restoration and the needs of the seller. In addition to the issue of density and type of development which must be addressed, related concerns such as water usage and sewage disposal, shoreline and stream buffers for habitat values and recreation uses should be addressed to ensure that the rights being acquired will, in fact, provide the level of protection needed to facilitate realization of the restoration objectives now and in the future.

Acquisition of commercial timber rights

In addition to the considerations described above, acquisitions involving commercial timber rights should address the extent of timber removal permitted incidental to the fee owner's exercise of

retained rights.[1] The amount of incidental timber removal to be allowed must not reduce the value of acquiring the timber rights for restoration purposes. Factors to be considered are the extent of buffers for sensitive areas such as streams and shorelines, limitations on the amount of canopy removal and limitations on the clearing or substantial clearing of areas. Any revenue in excess of removal costs received from the sale of commercial timber removed incident to the exercise of retained rights should be paid to the Trust Fund or the managing agency if the Trust Fund no longer exists. Removal costs may not exceed normal customary charges.

Because of differing restoration needs for various parcels, the necessary limitations on incidental timber removal may differ for different parcels. The specific development to be permitted on parcels where commercial timber rights have been acquired should be described in sufficient detail to preclude future ambiguity. Descriptions should identify sites for development, including the size, locations and nature of development allowed.

In specific circumstances where it is not possible to identify all the development to be permitted, acquired habitat may be protected by setting limits on the removal of trees incidental to development. Such limitations could be used to assure that restoration objectives are achieved. They are a less preferred method of describing rights to be retained by the seller and must be carefully reviewed on a case-by-case basis. An example of a set of restrictions that could be considered would be as follows:

1) incidental timber removal could be limited to no more than some specified percent of the basal area of a parcel[2];

2) incidental timber removal could be further constrained by specifying the percentage of timber removal within portions of a parcel;

3) the size and juxtaposition of discrete blocks of timber harvested incidental to the fee owner's exercise of retained rights could also be limited;

4) incidental timber removal, if any, could be constrained so

---

[1] Normally commercial timber rights are purchased in order to harvest the timber and related development is not an issue. In these acquisitions, where the timber is being purchased in order to protect the habitat, development which could affect that habitat is an important consideration for the Trustee Council.

[2] Basal area is a per acre measure of the cross sectional area at chest height occupied by the standing timber.

that there would not be a disproportionate number of larger trees removed;

5) timber removal could be prohibited within some specific distance of anadromous streams, streams that support nesting of injured species, mean high water of salt water bodies, or fish bearing fresh water body shorelines except as may be specifically agreed upon after consideration of the restoration impact of the proposed removal.

The above is but one example of how incidental removal of timber might be addressed. Other methods might include acreage control rather than basal area, zoning for critical habitat within the overall parcel or some combination of these or other methods. The specific method of addressing incidental timber removal should be tailored to the specific parcel and designed to ensure that restoration objectives are met while, to the extent possible, meeting the needs of the seller for flexibility in the exercise of retained rights.

Public use

In view of the restoration benefits to lost or diminished services of providing public access to natural resources, and because of the expenditure of public funds, public access to lands where a less than fee interest is acquired may be an important acquisition consideration. In fee simple acquisitions public use is, to a large extent, determined by the nature of the state or federal land management status.

In less than fee simple acquisitions covenants governing public access shall be sought when two conditions are met. The first is that the interest to be acquired, for purposes of restoring natural resources and services injured by the oil spill, is less than fee simple but the price to be paid for the interest is a substantial portion of the value of fee simple. The second condition is that the acquisition of public use rights will also serve to benefit services lost or diminished as a result of the oil spill. Where the seller proposes to limit public use, the Trustee Council will consider approval of the transaction when it finds that the restoration benefits outweigh the disadvantages ~~cost~~ of limiting access to the public.

The determination of the specific public access rights to be obtained and the rights to be retained by the land owner will require a careful balancing of public and private needs and values including the need to restore lost services but at the same time protect the legitimate cultural and economic interests of the land owners. Such decisions can only be made on a case-by-case basis.

FY 95 Project Interim Budget Request
Trustee Council Action
August 23, 1994

PROJECT NUMBER	PROJECT DESCRIPTION	AGENCY	INTERIM FUNDS REQUESTED	ANALYSIS FUNDS REQUESTED	REMAINING FUNDS REQUESTED	INTERIM FUNDS APPROVED	ANALYSIS FUNDS APPROVED	TOTAL APPROVED	
Category 1									
95007A	Archaeological Site Restoration - Index Site Monitoring	ADNR		191.7	194.3		191.7	191.7	
95007B	Site SEW-488 Archaeological Site Restoration	USFS		32.2	83.8		32.2	32.2	
95024	Enhancement of PWS Pink Salmon Stocks	ADFG	53.3		131.0	0.0		0.0	
95039	Common Murre Productivity Monitoring	DOI		30.5	123.7		30.5	30.5	
95041	Introduced Predator Removal from Islands	DOI		20.4	46.1		20.4	20.4	
95064	Monitoring, Habitat Use and Trophic Interactions of Harbor Seals in Prince William Sound	ADFG		114.7	232.4		114.7	114.7	
95069	Restoration of Salmon Stocks of Special Importance to Native Cultures	ADFG	14.6		360.4	0.0		0.0	
95074	Herring Reproductive Impairment	NOAA		148.8	258.3		148.8	148.8	
95086C	Herring Bay Monitoring and Experimental Study	ADFG		327.3	576.9		327.3	327.3	(3)
95089	Information Management System	ADFG	304.8		285.9	304.8		304.8	
95090	Mussel Bed Restoration and Monitoring	NOAA		160.4	278.4		160.4	160.4	
95100	Administration, Public Information and Scientific Management	ALL	3,596.9		0.0	3,596.9		3,596.9	
95126	Habitat Protection Acquisition Support	ADNR	626.2		473.3	626.2		626.2	
95131	Nanwalek, Port Graham, Tatilek Clam Restoration	ADFG	82.5		362.5	0.0		0.0	
95137	Prince William Sound Salmon Stock Identification and Monitoring Studies	ADFG		55.8	221.7		55.8	55.8	
95163	Abundance Distribution of Forage Fish their Influence on Recovery of Injured Species	NOAA		194.8	1,135.7		194.8	194.8	(2)
95166	Herring Natal Habitats	ADFG	17.8	220.8	274.2	17.8	220.8	238.6	
95173	Factors Affecting the Recovery of PWS Pigeon Guillemot Recoveries	DOI		55.1	353.7		55.1	55.1	
95191A	Investigating and Monitoring Oil Related Egg and Alevin Mortalities	ADFG		68.4	196.6		68.4	68.4	
95191B	Injury to Salmon Eggs and Pre-emergent Fry Incubated in Oil Gravel (Laboratory Study)	NOAA	45.0	120.4	165.6	45.0	120.4	165.4	
95244	Seal and Sea Otter Cooperative Subsistence Harvest Assistance	ADFG	4.0	48.6	41.3	4.0	48.6	52.6	
95255	Kenai River Sockeye Salmon Stocks	ADFG	29.3	343.1	272.6	29.3	343.1	372.4	
95258	Sockeye Salmon Overescapement	ADFG	140.2	344.9	513.0	140.2	344.9	485.1	
95290	Hydrocarbon Data Analysis, Interpretation, and Database Maintenance for Restoration and NRDA Environmental	NOAA		91.9	71.5		91.9	91.9	

Note (1): All 95320 projects need policy clarification with respect to travel, travel rates, and tuition.

Note (2): Funding for Projects 95163 and 95320N is contingent upon Executive Director approval of cooperative working agreement of these two projects and any other nearshore or forage fish project.

Note (3): Future funding for Project 95086C should be dependent on further review and integrated with other intertidal work.

FY 95 Project Interim Budget Request
Trustee Council Action
August 23, 1994

PROJECT NUMBER	PROJECT DESCRIPTION	AGENCY	INTERIM FUNDS REQUESTED	ANALYSIS FUNDS REQUESTED	REMAINING FUNDS REQUESTED	INTERIM FUNDS APPROVED	ANALYSIS FUNDS APPROVED	TOTAL APPROVED	
95320A	Prince Salmon Growth and Mortality	ADFG		48.7	219.1		48.7	48.7	(1)
95320E	Juvenile Salmon and Herring Integration	ADFG	16.0	98.0	829.1	0.0	98.0	98.0	
95320G	Phytoplankton and Nutrients	ADFG	12.8	75.7	150.8	12.8	75.7	88.5	
95320H	Role of Zooplankton in the PWS Ecosystem	ADFG		51.9	195.5		51.9	51.9	
95320I(2)	Isotope Tracers - Food Webs of Fish	ADFG	2.0	28.0	49.4	2.0	28.0	30.0	
95320J	Information Systems and Model Development	ADFG	94.9	170.8	570.5	14.6	170.8	185.4	
95320M	Observational Physical Oceanography in PWS and the Gulf of Alaska	ADFG	34.3	104.4	439.1	34.3	104.4	138.7	
95320N	Nearshore Fish	ADFG	200.0	213.1	222.1	200.0	213.1	413.1	(2)
95320Q	Avian Predation on Herring Spawn	USFS	23.1		75.9	23.1		23.1	
95424	Restoration Reserve	ALL	12,000.0		0.0	0.0		0.0	
95427	Harlequin Duck Recovery Monitoring	ADFG		17.3	209.6		17.3	17.3	
Category 2									
95279	Subsistence Foods Testing Project	ADFG	14.2	66.9	129.5	14.2	66.9	81.1	
95320D	Prince William Sound Pink Salmon Genetics	ADFG		56.5	170.5		56.5	56.5	
95266	Shoreline Restoration	ADEC		97.9	1,313.2		97.9	97.9	
Category 5									
95102-CLO	Closeout: Murrelet Prey Foraging Habitat PWS	DOI		63.8	0.0		63.8	63.8	
95110-CLO	Habitat Protection - Data Acquisition Support	ADNR		144.0	0.0		144.0	144.0	
95139B	Salmon Instream Habitat Stock Restoration	USFS	5.2		0.0	5.2		5.2	
95199	Institute of Marine Science and Seward Improvement	ADF&G	46.5		0.0	46.5		46.5	
95285-CLO	Subtidal Sediment Recovery Monitoring	NOAA		121.0	0.0		121.0	121.0	
95422-CLO	Restoration Plan Environmental Impact Statement	USFS		20.0	0.0		20.0	20.0	
95428-CLO	Subsistence Restoration Planning and Implementation	ADFG	23.1	74.8	2.0	23.1	74.8	97.9	
Category 3									
95139D	Salmon Instream Restoration: Pink Creek and Horse Marine Bypass	ADFG	7.9		53.7	0.0		0.0	
95259	Restoration of Coghill Lake Sockeye Salmon Stocks	ADFG	7.8	78.8	246.4	7.8	78.8	86.6	

Note (1): All 95320 projects need policy clarification with respect to travel, travel rates, and tuition.
Note (2): Funding for Projects 95163 and 95320N is contingent upon Executive Director approval of cooperative working agreement of these two projects and any other nearshore or forage fish project.
Note (3): Future funding for Project 95086C should be dependent on further review and integrated with other intertidal work.

FY 95 Project Interim Budget Request
Trustee Council Action
August 23, 1994

PROJECT NUMBER	PROJECT DESCRIPTION	AGENCY	INTERIM FUNDS REQUESTED	ANALYSIS FUNDS REQUESTED	REMAINING FUNDS REQUESTED	INTERIM FUNDS APPROVED	ANALYSIS FUNDS APPROVED	TOTAL APPROVED
Category 4								
95320B	Coded Wire Tag Recoveries from Pink Salmon Closeout	ADFG		84.3	0.0		84.3	84.3
95320C	Otolith Thermal Mass Marking of Hatchery Pink Salmon in PWS	ADFG		1.9	640.3		1.9	1.9
Category 6 - Carry Forward Funding								
95043B	Cutthroat Trout and Dolly Varden Rehabilitation in Western Prince William Sound	USFS	134.8			134.8		134.8
95139A	Salmon Instream Restoration: Little Waterfall Creek Barrier Bypass	ADFG	90.0			90.0		90.0
95139C	Small Instream Restoration: Lowe River	ADFG	170.1			170.1		170.1
95417	Waste Oil Disposal Facilities	ADEC	232.2			232.2		232.2
Total			18,029.5	4,187.6	12,169.6	5,774.9	4,187.6	9,962.5

Note (1): All 95320 projects need policy clarification with respect to travel, travel rates, and tuition.
Note (2): Funding for Projects 95163 and 95320N is contingent upon Executive Director approval of cooperative working agreement of these two projects and any other nearshore or forage fish project.
Note (3): Future funding for Project 95086C should be dependent on further review and integrated with other intertidal work.

2. Habitat Protection and Acquisition

LARGE PARCEL NEGOTIATION STATUS SUMMARY

DRAFT

Landowner	High Value Parcels	Region	Acres	LEAD/ Coop	Will Discuss	Ownership	Related Parcels **	Status	Anticipated Timeline
Afognak Joint Venture	AJV 01, Shuyak Strait AJV 03, Pauls/Laura Lake	KOD	13,400 27,100	DOL/ USFWS	Fee Simple, w/ add'l parcels included	Surface Estate AJV Subsurface Koniag Native Allotments	Moderate Parcels: AJV 04, 05, 06 Low Parcels: 07, 08 w/in & adjacent to Tonki Bay	Authority to appraise was received from AJV on June 20 and appraisal was requested June 22. AJV has requested an appraisal of moderate value lands in the previously indicated parcels and two low value parcels adjacent to Tonki Bay that have recently been evaluated by the HWG. A pre appraisal conference was held 8/19/94.	A draft appraisal is expected to be completed in mid Sept. Negotiations will resume upon acceptance of an approved appraisal.
Akhiok Kaguyak	AKI 04, Aliulik Peninsula AKI 06, North Olga Bay AKI 08, Upper Station Lk	KOD	34,300 16,900 15,600	USFWS/ DOL	Fee Simple, other parcels must be incl.	Surface estate AKI Subsurface, USA Native Allotments	AKI 01-05	The appraisal of twelve tracts of AKI lands (134,212 acres) is on going. Completion is expected late August. The landowner is conducting its own appraisal using TC specifications. The land is being appraised with and without a subsistence reservation. The reservation provides perpetual subsistence rights to AKI residents.	Appraisal review & acceptance Sept. Negotiations continue upon acceptance of approved appraisal. The earliest an agreement for sale would be available; late Sept.
Chenega	CHE 01, 02 Eshamy Bay Jackpot Bay	PWS	7,900 12,100	USFS/ DOL	Fee simple for core parcels, partial interests; timber, for remainder of Chenega lands.	Surface estate CHE Subsurface CAC	Remainder of Chenega lands	The completion of the appraisal is on schedule. The timber cruise portion of the appraisal is comlete and verification underway. Negotiations will continue upon acceptance of an approved	Draft appraisal completed early Sept. Negotiations, Sept. Proposal Oct.
English Bay	ENB 06	KEN	3,800	NPS/ DOL	Fee simple, surface estate	Surface Estate ENB Subsurface CAC	Other ENB holdings w/in Kenai Fjords NP: ENB 02, ENB 05	All remaining ANCSA acreage entitlement of ENB will be taken from lands within the boundary of Kenai Fjords NP. It would be advantageous to purchase selections and avoid the costs of conveyance. Total acreage, 17,600. Negotiations will resume upon acceptance of an approved appraisal.	If appraisal approved, a proposal could be available late Oct.
Eyak	EYA 01, Port Gravina EYA 02, Sheep Bay EYA 03, Windy/Deep Bay	PWS	3,400 9,100 7,100	USFS/ DOL	Eyak has submitted a detailed proposal which has raised issues surrounding public access and less than fee acquisitions, specifically the definition of timber rights.	Surface estate EYA Subsurface CAC	EYA 04-12	TC passed resolution on 5/3/94 to acquire the timber interest in Orca Narrows sub parcel, subject to detailed proposal being submitted by Eyak within 15 days. The proposal was submitted and an appraisal has been ordered. The appraisal of the Orca Narrows subparcel is nearing completion. An appraisal has been ordered on the remainder of Eyak lands.	Orca Narrows transaction complete early Sept. The larger appraisal due mid Sept. Further negotiations will commence upon acceptance of an approved appraisal.
Kodiak Island Borough	KIB 01, Shuyak Island	KOD	27,900	DOL/NPS	Fee simple	Surface Estate KIB Subsurface AK	none	The borough planning and zoning commission and the borough assembly have authorized the mayor to proceed with the transaction. DOL requested an appraisal April 12. KIB has commissioned an independent appraisal. Appraisal is underway.	Draft appraisal due early Sept. Appraisal review completed late Sept.
Koniag	KON 01, Brown's Lagoon KON 02, Uyak Bay KON 04, Karluk River	KOD	9,900 7,000 28,200	USFWS/ DOL	Fee simple, but must incl. a mix of high, mod, low parcels	Surface estate KON Subsurface USA Native Allotments	KON 03,05,06 Note: Some coastal areas, primarily in Uyak Bay have been removed.	Koniag has granted authority to appraise Koniag lands. Discussions on going to clarify legal descriptions and confirm Koniag's remaining entitlement and irrovocable prioritizaiton of selections. Appraisal of 100,000 acres in eleven tracts to commence in July. The land will be appraised with and without a subsistence reservation. The reservation would provide perpetual subsistence rights to residents of Larsen Bay and Karluk.	Appraisal review & acceptance Sept. Negotiations continue upon acceptance of approved appraisal. The earliest an agreement for sale would be available; late Sept.
Port Graham	PTG 05, Delight/ Desire Creeks	KEN	11,500	NPS/ DOL	Fee & Unspecified partial interest, possibility of conservation easements.	Surface Estate PTG Subsurface CAC	Other PTG holdings w/in Kenai Fjords NP: PTG 01, 02	All remaining ANCSA acreage entitlement of PTG will be taken from lands within the boundary of Kenai Fjords NP. It would be advantageous to purchase selections and avoid the costs of conveyance. Total acreage, 23,300. Negotiations will resume upon acceptance of an approved appraisal.	If appraisal approved, a proposal could be available late Oct.
Tatitlek	TAT 01, Bligh Island	PWS	8,800	USFS/ DOL	Possibly some fee simple, Heather Island, Emerald Bay, Sawmill Bay. Primary interest in less than fee for remainder.	Surface estate TAT Subsurface CAC	Undefined at this time.	HWG is currently evaluating Tatitlek lands pursuant to a request from the landowner. Tatitlek recently granted permission for TC contract appraisal to take place and a task order has been issued to the contract appraiser by the USFS.	Appraisal completion expected by late Sept. Further negotiations will commence upon acceptance of an approved appraisal.

NOTE:

Chugach Alaska Chugach has asked that its lands on Montague be evaluated. It has several holdings in Prince William Sound ranked moderate and low that it would like to sell. Chugach is the subsurface estate holder for all lands in PWS and Kenai Fjords presently being considered. Negotiators have met with Chugach attorneys and have asked that Chugach consider selling its subsurface estate for these parcels.

Old Harbor Appraisal is ongoing and is expected to be completed in August. It is being paid for with Federal restitution funds.Approximately 30,000 acres are being appraised for fee simple acquisition and 2,000 acres are being appraised for conservation easements. The appraisal is being conducted to address both fee and limited acquisition rights.

** Related parcels are included in discussions at the request of landowners in order to avoid unacceptable high grading of parcels.

DRAFT: 8/22/94

Trustee Council Appraisal Process Status Summary

DRAFT

Appraisal Process Steps — **Landowners**

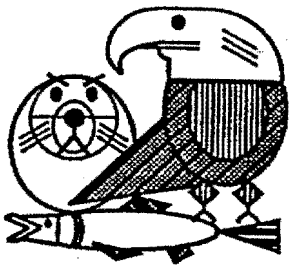
The Trustee Council at its Jan. 31, 1994 meeting directed the Executive Director to proceed with negotiations with the landowners of the 17 high values parcels identified by the Habitat Work Group in the Large Parcel Evaluation and Ranking. Appraisals are an integral part of the negotiation process.

		AJV	AKI	Chenega	ENB	Eyak Sub	Eyak Lg.	KIB	Koniag	PTG	Tatitlek	Chugach	Old Harbor
1	Landowner consent and any pertinent information received.												
2	Lead Nego Agency requests USFS conduct appraisal. Executive Director issues request.												
3	USFS Issues Task Order.												
	Preliminary Title Report submitted by lead agency.												
	Site maps submitted by lead agency.												
	Legal description submitted by lead agency.												
	Existing mineral surveys submitted by lead agency.	NA						NA					
	Existing and draft easements submitted by lead agency.	NA						NA					
	Existing timber information submitted by lead agency or landowner.		NA						NA			NA	NA
4	PreWork Conference with agency rep., appraiser, owner.												
5	Site Visit by appraiser, agency representative and landowner.												
	Timber cruise.		NA						NA				NA
	Check cruise/verification by lead agency.		NA						NA				NA
	Minerals survey.		NA						NA				NA
	Hazardous materials survey.												
	Spruce Bark Beetle review.		NA						NA				NA
6	Draft Appraisal Reports Submitted												
7	Appraisal reviews submitted. USFS forwards comments to appraiser(s).												
8	Draft appraisal report modified where appraiser deems appropriate. Final appraisal reports to review appraisers. This may be repeated.												
9	Review appraisers submit comments, Review Statement issued designating an approved or rejected appraisal.												
10	Lead agency submits approved Appraisal Report and Review Statement or review statement for rejected appraisal to Landowner for review/comment.												
11	Landowner comments submitted to review appraisers for consideration.												
12	Final Approved Appraisal and Final Review Statement issued.												
	Upon completion of the appraisal process negotiators and landowners develop a final package based upon appraisal information for Trustee Council consideration.												
	Purchase agreement submitted to landowner.												
	Trustee Council and landowner execute a purchase agreement.												

** Highlighted boxes indicate participation of landowner expected and encouraged.

KEY: Step Begun; Step Complete; Non Applicable (NA)

4. Investment Options



Investment Options

UNITED STATES COURTS

SOUTHERN DISTRICT OF TEXAS

HOUSTON DIVISION

FTS FAX No.: (713) 250-5812
COMMERCIAL FAX No.: (713) 250-5812

TRANSMITTAL COVER SHEET

TO: Ms. June Sinclair

FROM: Michael Milby

SUBJECT: Exxon Valdez Settlement Funds

TOTAL NUMBER OF PAGES: 20

UNITED STATES DISTRICT COURT
SOUTHERN DISTRICT OF TEXAS
OFFICE OF THE CLERK
P. O. BOX 61010
HOUSTON, TEXAS 77208

MICHAEL N. MILBY
CLERK OF COURT

August 11, 1994

Ms. June M. Arkoulis-Sinclair
Administrative Officer
Exxon Valdez Oil Spill Trustee Counsel
645 "G" Street
Anchorage, AK 99501

Dear Ms. Sinclair:

It has been a pleasure working with you, on a new Court Registry Investment System (CRIS) fund for the Exxon Valdez Settlement Funds. I believe that the CRIS fund can meet the long term investment needs for the Exxon Valdez Settlement Funds. As we discussed, implementation of the new investment fund will require that a court order establishing the fund be entered by Chief Judge Norman W. Black, as well as, an order from the presiding judge in Alaska to deposit the funds into the newly created account. These orders can be prepared once we determine the investment parameters of the new fund. I prepared the following information to assist the Trustee Council in its review of the CRIS alternatives.

As you know, we currently perform a very similar service with the CRIS - Term Fund for the Boesky, Milken and Drexel settlement funds. The Term Fund has a maximum maturity of 18 months and an average maturity of 365 days. In this fund a portion of the portfolio matures each quarter to meet projected cash needs. The proceeds from a maturing security can be used to meet disbursement requirements or rolled over into another 18 month security. In effect the Term Fund provides quarterly liquidity with a 365 day yield. For your information, attachment A depicts the CRIS - Term Fund yield verses the one year Treasury Bill.

Since the CRIS invests only in U. S. Treasury securities through the Federal Reserve Bank, no default risk, credit risk or collateral requirements exist. Therefore, the key investment decision becomes one of matching liquidity needs to investment maturities. When these variables are matched, yield increases through the purchase of longer maturities and market risk (interest rate risk) reduces since securities are held to maturity.

The following theoretical portfolios illustrate the reduced market risk exposure achieved through the matching of maturities to cash needs, and through the staggered purchase of securities.

Portfolio I

Strategy: Laddered quarterly maturities...December '94 to March '96.

Estimated Yield: 5.61%

If rates rise 100 basis points in the first three months, the market value of the portfolio remains higher than the original cost. Each quarter approximately $2 million in principal is available to reinvest or disburse.

Portfolio II

Strategy: Fixed three year maturity.

Estimated Yield: 6.50%

If rates rise 100 basis points in the first three months, the market value of the portfolio falls below the original cost. No funds are available to invest until the single security matures.

Portfolio III

Strategy: Laddered maturities with one year to five year maturities.

Estimated Yield: 6.41%

If the rates rise 100 basis points in the first three months, the market value of the portfolio plus cash flow received in the first three months is higher than the original cost. Under this scenario approximately $2 million in principal is available each year to reinvest or disburse.

Of course Portfolio II maybe the optimum choice if we know we will not need funds for three years.

The CRIS building blocks assure a safe, efficient portfolio for the reserve account. The only task that remains is to determine the most likely scenario for disbursement out of the fund. With this projection, the portfolio's investment horizon can be established to match liquidity need and minimize the portfolio's exposure to market risk. There are many possible strategies that could be employed to match liquidity to the disbursement horizon. A few follow:

- If the council knows with certainty that there will be no disbursements until the year 2002, then the first $12 million deposit could mature in the year 2002, the second $12 million deposit could mature in the year 2003, (etc). In 2002 the principal plus interest from the first $12 million could be reinvested in a staggered portfolio with quarterly liquidity or placed into the CRIS liquidity fund.

- Alternatively, we could break the first $12 million into $4 million blocks. One block would mature every quarter of 2002.

- As still another option, we could begin immediately to create a portfolio with an average maturity 2 to 4 years. The first $12 million dollars could be staggered throughout this range to provide a weighted maturity of three years.

I trust the above will assist the council in determining the best method of investing its projected $108 million reserve account. Attachment B includes sample orders and procedures that would govern the operation of the fund. Please do not hesitate to call me at (713) 250-5400 if I may provide any further information.

Sincerely,

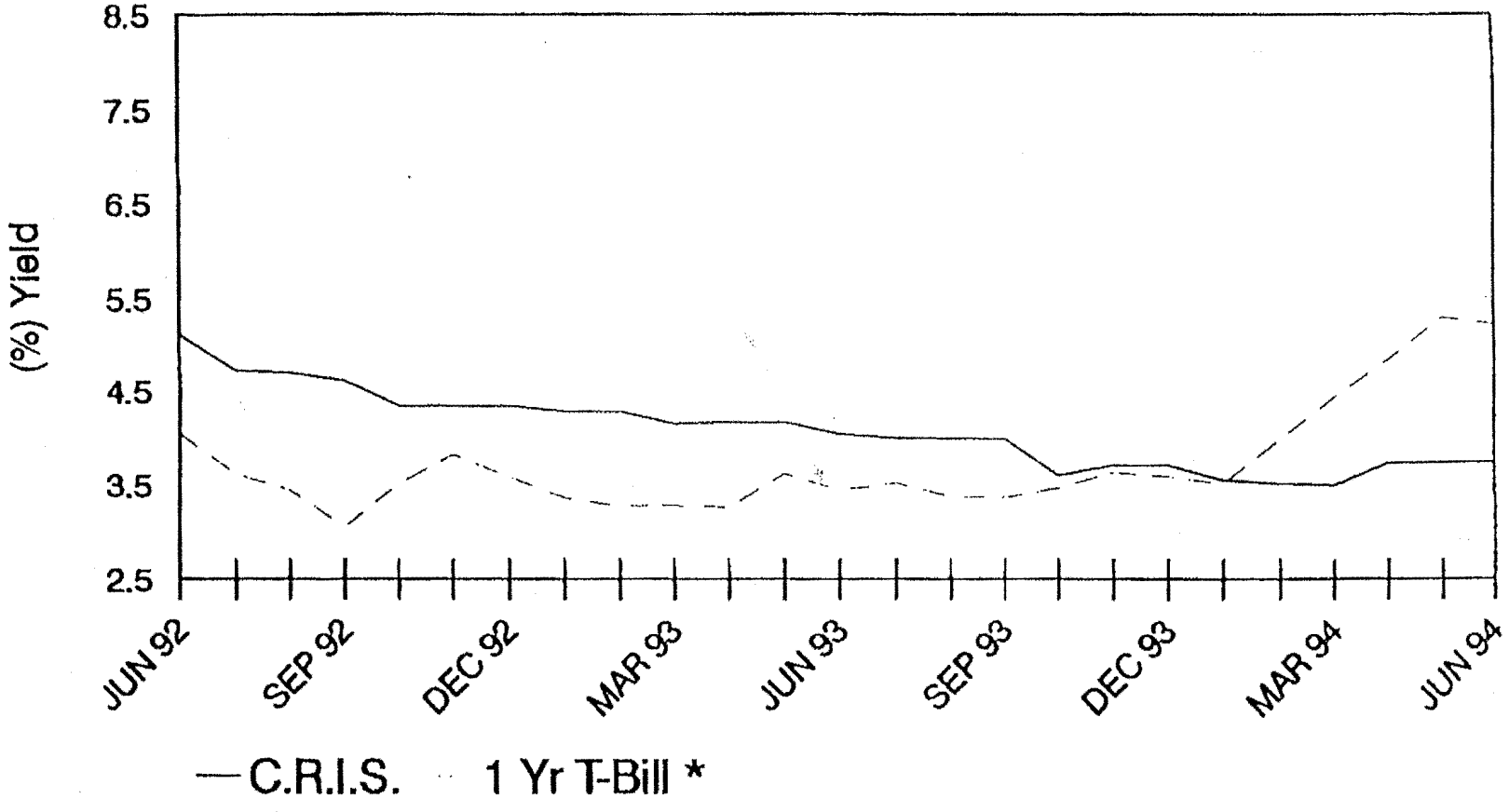
Michael N. Milby
Clerk of Court

Attachment A

COURT REGISTRY INVESTMENT SYSTEM
YIELD ANALYSIS

Attachment A

Court Registry Investment System
Term Portfolio
C.R.I.S. vs 1 Year T-Bill



* Bloomberg Financial Service

YIELD COMPARISON

DATE	CRIS TERM PORTFOLIO	1 YEAR T-BILL
JAN 92	6.08	4.19
FEB 92	6.08	4.30
MAR 92	6.08	4.49
APR 92	6.04	4.29
MAY 92	5.25	4.23
JUN 92	5.11	4.05
JUL 92	4.72	3.62
AUG 92	4.69	3.45
SEP 92	4.61	3.05
OCT 92	4.34	3.51
NOV 92	4.34	3.82
DEC 92	4.34	3.58
JAN 93	4.28	3.36
FEB 93	4.28	3.27
MAR 93	4.15	3.28
APR 93	4.17	3.26
MAY 93	4.17	3.62
JUN 93	4.04	3.44
JUL 93	4.00	3.52
AUG 93	3.99	3.37
SEP 93	3.99	3.36
OCT 93	3.60	3.47
NOV 93	3.71	3.63
DEC 93	3.71	3.59
JAN 94	3.55	3.51
FEB 94	3.51	3.98
MAR 94	3.49	4.43
APR 94	3.73	4.83
MAY 94	3.74	5.30
JUN 94	3.74	5.22

Attachment B

IN THE UNITED STATES DISTRICT COURT
FOR THE SOUTHERN DISTRICT OF NEW YORK

M10-468

ORDER ADOPTING COURT REGISTRY INVESTMENT SYSTEM ("C.R.I.S.") - TERM FUND DEVELOPED BY SOUTHERN DISTRICT OF TEXAS, DIRECTING CLERK TO DEPOSIT ALL INTEREST BEARING REGISTRY FUNDS PERTAINING TO BOESKY, DREXEL AND MILKEN CASES.

1.0 All money ordered to be paid into the court or received by its officers in the said Boesky, Drexel and Milken cases mentioned above, pending or adjudicated, except such of said money which this Court shall order be placed in bank custody referred to in paragraph 2.1 below, shall be deposited with the Treasurer of the United States in the name and to the credit of the Courts under the "C.R.I.S. - Term Fund" pursuant to 28 U.S.C. § 2041 through the Federal Reserve Bank, Houston Branch.

2.0 Investment of Registry Funds

2.1 The "C.R.I.S. - Term Fund" administered through the United States District Court for the Southern District of Texas, shall be an investment mechanism authorized for funds pertaining to said cases, except for funds to be ordered by this Court to be placed in bank custody for current expenses in said cases.

2.2 Under "C.R.I.S. - Term Fund", monies deposited to the credit of each said case under 1.0 will be "pooled" together with those on deposit with the Treasury to the credit of other courts in the "C.R.I.S. - Term Fund" and used to purchase Treasury securities which will be held at the Federal Reserve Bank, Houston Branch, in a Safekeeping Account in the name and to the credit of the Clerk, United States Court for the Southern District of Texas, hereby designated custodian for those cases in the "C.R.I.S. - Term Fund".

2.3 An account for each of said Boesky, Drexel and Milken cases is to be established in the "C.R.I.S. - Term Fund" titled in the name of the case giving rise to the investment in the system. Income received from fund investments will be distributed to each case based on the ratio each account's principal and income has to the aggregate principal and income total in the term fund each quarter. The investment strategy for securities purchased for the "C.R.I.S. - Term Fund" shall have an average maturity of 365 days. Quarterly reports showing the income earned and the principal amounts contributed in each case will be prepared and distributed to the United States District Court, Southern District of New York, as well as to the Clerk of the United States District Court, Southern District of Texas and made available to litigants and/or their counsel.

2.4 Upon instructions from the United States District Court for the Southern District of New York, all or part of the funds placed in the "C.R.I.S. - Term Fund" and the investments therein may be transferred and/or sold and may be reinvested in the C.R.I.S. - Liquidity Fund. The C.R.I.S. - Liquidity Fund provides weekly liquidity and a maximum of 100-day term Treasury Securities. Under such conditions, the Registry Funds would be subject to the management fee agreed upon with the contract brokerage service and with the provisions of paragraph 3.1.

3.0 **Registry Investment Fee**

3.1 The custodian is authorized and directed by this Order to deduct for maintaining accounts in the "C.R.I.S. - Term Fund" the fee on the above accounts as authorized in the Federal Register Vol. 55, No. 206 at p.42887 which has been reduced to 5 percent by special exception made by the Director of the Administrative Office of the United States Courts by letter dated December 11, 1990. The fee may be deducted on prorated basis over the course of the deposits in "C.R.I.S. - Term Fund".

4.0 This Order shall take precedence over Rule 67, Federal Rules of Civil Procedure.

Signed this 14 day of December, 1990.

Charles L. Brieant

Charles L. Brieant
Chief Judge

UNITED STATES DISTRICT COURT
FOR THE SOUTHERN DISTRICT OF NEW YORK

The individuals listed below are authorized to:

1. Transfer the accountability for registry funds deposited into this Court's registry to the United States District Court for the Southern District of Texas.

2. Provide the case number(s) that support each transfer, to the United States Court for the Southern District of Texas, for the purpose of receiving an interest allocation report.

3. Instruct the United States District Court for the Southern District of Texas to return the accountability over to this Court's registry funds as required by order of this Court.

Name	Signature	Title
Edmund Mullin 212-791-0551	Edmund Mullin	Administrative Support Services
Margaret Berran 212-791-0111	M. C. Berran	Cashier
Michael Lindner 212-791-0111	Michael Lindner	Assistant Financial Administrator

All previous authorizations are void.

Dated: December 14, 1990

Approved: Charles Brieant
Chief Judge

UNITED STATES DISTRICT COURT
FOR THE SOUTHERN DISTRICT OF NEW YORK

The individuals listed below are authorized to receive the confirmation callback from the United States District Court for the Southern District of Texas affirming the return of accountability over registry funds.

Name	Signature	Title
Raymond F. Burghardt 212-791-0108	Raymond F. Burghardt	Clerk of Court
Joseph F. Cloidt 212-791-0108	Joseph F. Cloidt	Chief Deputy Clerk
Gary L. Dilberian 212-791-0150	Gary L. Dilberian	Trial Support Service

All previous authorizations are void.

Dated: December 14, 1990

Approved: Charles Brieant
Chief Judge

Attachment B

IN THE UNITED STATES DISTRICT COURT
FOR THE SOUTHERN DISTRICT OF TEXAS

ORDER ESTABLISHING THE COURT REGISTRY INVESTMENT SYSTEM (CRIS)-TERM FUND *

ORDER NO. 90-46

ORDER

Registry deposits with known disbursement horizons exceeding 100 days require an investment strategy of purchasing longer term U. S. Treasury Securities. The CRIS-Term Fund meets this need. The objectives of the CRIS-Term Fund in order of importance are: 1) to assure the safety of Registry Funds; 2) to maintain sufficient quarterly liquidity to provide adequate and timely disbursement of funds as directed by the court, and 3) to achieve the highest rate of return consistent with objectives 1 and 2.

The Clerk, U. S. District Court for the Southern District of Texas is ORDERED to establish the CRIS-Term Fund. The initial CRIS-Term Fund investments shall be one year U. S. Treasury Securities or multiple U. S. Treasury Securities, which have an average maturity and an average yield approximately equal to one year U. S. Treasury Securities. The CRIS-Term Fund shall provide a minimum of quarterly liquidity, unless a special order of disbursement from a participating court is entered.

Subsequent investments shall meet the CRIS-Term Fund objectives and shall be made with judgment and care, under circumstances then prevailing, that persons of prudence, discretion and intelligence would exercise in the management of their own affairs.

DONE at Houston, Texas, on this the 27th day of December, 1990.

JAMES DEANDA
CHIEF JUDGE
United States District Court

Attachment B

MEMORANDUM OF PROCEDURES FOR INVESTMENT AND ALLOCATION OF EARNINGS ON ASSETS OF THE UNITED STATES DISTRICT COURT FOR THE SOUTHERN DISTRICT OF TEXAS FOR THE COURT REGISTRY INVESTMENT SYSTEM-TERM PORTFOLIO

ORDER NO. 90-

This memorandum sets forth the procedural and fee arrangements for certain trading and accounting services to be rendered by Texas Commerce Bank National Association ("Texas Commerce") to the United States District Court for the Southern District of Texas (the "Court") with respect to certain assets held by the Court on behalf of its own cases and on behalf of cases pending in other United States District Courts. The method of investment set forth herein shall be known as the Court Registry Investment System - Term Portfolio and the assets governed hereby are referred to herein as the "Term Portfolio".

This arrangement shall be effective commencing December 31, 1990.

1. Identification and Allocation of Initial Funds to be Invested. The Designated Representative (as described below) shall deliver to Texas Commerce a statement identifying the initial cash balance of funds to be invested. Such statement shall further include an allocation of such funds by court and case number.

2. Investment. Texas Commerce is authorized to execute, on behalf of the Court, purchase and/or sale transactions in United States treasury bills, United States treasury notes and securities representing separate trading of registered interest and principal ("STRIPS") of United States Treasury securities (hereinafter referred to collectively as "Securities") as instructed by a Designated Representative. On each trade date or the next business

day following, Texas Commerce will provide to any one of the Designated Representatives written documentation of the purchase and/or sale transaction. All investments will be made in book entry form through the Federal Reserve Bank of Dallas-Houston Branch. The Securities transactions on behalf of the Court will be delivered versus payment by Fed Wire.

3. Allocations.

(a) Texas Commerce shall allocate all income earned on the Term Portfolio between the cases that are a part thereof in the same proportions that the total balance of the assets attributable to each case bears to the total balance of assets of all such cases comprising the principal of the Term Portfolio as of the date such income is earned.

(b) Texas Commerce shall allocate all disbursements made by the Court from the Term Portfolio to the case or cases which a Designated Representative directs pursuant to Item 5 below.

4. Quarterly Reports. On a quarterly basis, Texas Commerce will provide quarter ending and quarter beginning reports regarding asset values and allocation between cases as described herein. Quarter end dates will be selected by a Designated Representative. The quarter ending reports provide the quarter end balances available for disbursement and allow the court to make additions to, withdrawals from or reinvestments in the Term Portfolio. Quarter ending reports will be available by 2:00 p.m. C.S.T. one business day before quarter end. The quarter beginning reports will reflect the additions to, withdrawals from and reinvestments

made in the Term Portfolio at the beginning of the new quarter. Quarter beginning reports will be available within 20 business days of the new quarter. There will be two types of quarter ending reports: the Quarter Ending Asset Report and the Quarter Ending Allocation Report. There will be two types of quarter beginning reports: the Quarter Beginning Asset Report and the Quarter Beginning Allocation Report. The purpose and content of each of these four reports are as follows:

(a) Asset Reports

(1) Quarter Ending Asset Report

The Quarter Ending Asset Report will include a list of assets held in the Term Portfolio showing updated market values for all Securities held at quarter end, priced for regular settlement. The total value of the Term Portfolio in such report shall equal the market value of all Securities held, based on regular settlement, plus odd dollars on deposit at the Federal Reserve Bank at quarter end.

(2) Quarter Beginning Asset Report

The Quarter Beginning Asset Report will include a list of assets held in the Term Portfolio showing updated market values for all Securities held at the beginning of the new quarter. The total value of the Term Portfolio in such report should equal the sum of the market value of Securities held plus odd dollars on deposit at the Federal Reserve Bank at the beginning of the new quarter.

(b) Allocation Reports

(1) Quarter Ending Allocation Report

The Quarter Ending Allocation Report will identify, for each case which is a participant in the Term Portfolio, the pro-rata portion of the assets shown on the Quarter Ending Asset Report attributable to such case. The sum of all balances shall equal the total value of the Term Portfolio as shown on the Quarter Ending Asset Report.

(2) Quarter Beginning Allocation Report

Quarter Beginning Allocation Report will identify, for each case which is a participant in the Term Portfolio, the pro-rata portion of the assets shown on the Quarter Beginning Asset Report attributable to such case. The sum of all case balances shall equal the total value of the Term Portfolio as shown on the Quarter Beginning Asset Report.

5. Additions and Withdrawals. From time to time the Court may make additions to the Term Portfolio. In such event, a Designated Representative shall provide the information described in Item 1 above within five (5) business days after the beginning of the quarter for which such addition is made. From time to time the Court may make withdrawals from the Term Portfolio. In such event, a Designated Representative shall advise Texas Commerce of the amount of the withdrawal and shall allocate such withdrawal between specified court and case number or numbers within five (5)

business days after the beginning of the quarter for which such withdrawal is made.

6. Designated Representatives. All investment decisions, asset and case data referenced hereunder shall be the responsibility of one or more of the individuals specified in writing by Judge James DeAnda, Chief Judge for the United States District Court for the Southern District of Texas, such persons to be hereinafter referred to as "Designated Representatives". The initial Designated Representatives for the Court, until Texas Commerce is notified otherwise in writing, shall be Jesse E. Clark, Michael N. Milby and James H. Suchma. Texas Commerce shall be entitled to rely upon information from or instructions of any one of such persons.

7. Fees and Expenses. Texas Commerce agrees to provide the trading, accounting and reporting services described herein for a fee limited to five (5) basis points per annum (one basis point is 1/100th of one percentage point). This fee arrangement assumes not more than three specific court cases participate in the Term Portfolio. The fee shall be charged by adjusting the yield on securities transactions for the Term Portfolio and is assessed at the time of the transactions.

8. Errors in Accounting. In the event that Texas Commerce or the Court (or a Designated Representative) makes an error in the earnings allocations or in the allocation of receipts and disbursements, such an error shall be corrected as of the next quarter end report or within 10 business days immediately following

the discovery of the error, whichever is deemed most appropriate by the party discovering the error. The Court acknowledges that Texas Commerce has the authority to adjust, either up or down, the account balances of all cases for which an accounting error was made. In the event that an error results in a case receiving less than its allocable portion of earnings or other receipts (reduced by losses or disbursements), damages, if any, shall be limited to the difference between the amount erroneously allocated and the amount which was properly allocable to that particular case. Texas Commerce will not be responsible for errors resulting from erroneous or unclear information supplied by a Designated Representative.

9. Limitations. No party other than the Court, and subject to the limitations set forth in Section 8, shall have any cause of action against Texas Commerce for any investment decisions or allocations made pursuant to the terms of this arrangement.

10. Termination and Notice. Texas Commerce or the Court may terminate this arrangement at any time upon thirty (30) days written notice delivered to the other party. All notices referenced herein shall be delivered to the appropriate party listed below. The address for notice purposes provided herein may be changed by written notice provided to the other parties at the addresses listed below:

Texas Commerce:

Daniel L. Austin
Texas Commerce Bank National
Association
P. O. Box 2558
Houston, Texas 77252-8032

Designated Representatives:

Jesse E. Clark
Clerk for the
United States District Court
for the Southern District of Texas
515 Rusk
Houston, Texas 77002

Michael N. Milby
Deputy Clerk
United States District Court
for the Southern District of Texas
515 Rusk
5th Floor - Financial Section
Houston, Texas 77002

James H. Suchma
Deputy Clerk
United States District Court
for the Southern District of Texas
515 Rusk
5th Floor - Financial Section
Houston, Texas 77002

The trading, allocation procedures and fee arrangements referenced herein are agreed to and approved of by the undersigned parties.

TEXAS COMMERCE BANK NATIONAL
ASSOCIATION

By: Allene S. Lucas
Allene S. Lucas
Senior Vice President

UNITED STATES DISTRICT COURT
FOR THE SOUTHERN DISTRICT OF
TEXAS

By: _____
Chief Judge James DeAnda

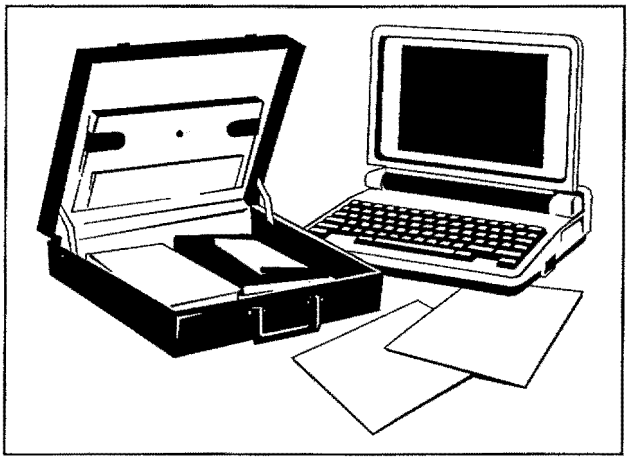
Attached hereto as proof of authorization by Judge James DeAnda, Chief Judge for the United States District Court for the Southern District of Texas, is a certified copy of the Court Order authorizing Texas Commerce Bank National Association to invest assets of the Court, and to provide for certain accounting services as provided herein.

SIGNED at Houston, Texas on this the 27th day of December, 1990.

DONAHOS\TCBNA-1(112666)

Exxon Valdez Oil Spill Trustee Council

Investment Presentation



State of Alaska
Department of Revenue
Treasury Division

August 23, 1994

INVESTMENT PRESENTATION

- **Determination of Portfolio Objectives and Constraints**

- **Historical Risk/Return Relationship**

- **Policies**

DETERMINATION OF PORTFOLIO OBJECTIVES AND CONSTRAINTS

Objectives

- Return Requirements
- Risk Tolerance

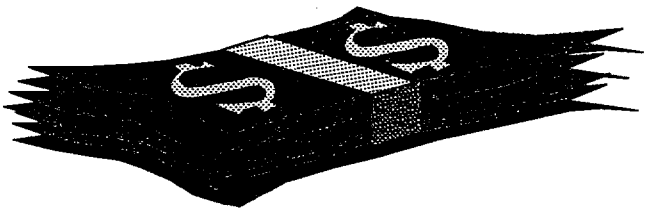
Constraints

- Liquidity
- Horizon
- Regulations
- Unique Needs

HISTORICAL RISK/RETURN RELATIONSHIP

1993 Value of $1 Invested at the end of 1925

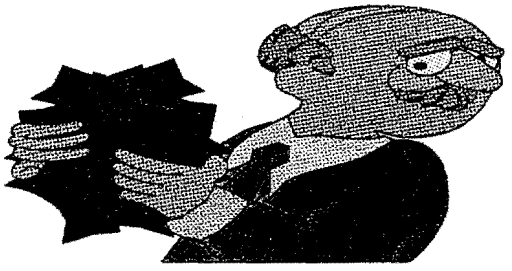
Stocks	**$800.08**
LT Govt Bonds	**$28.03**
Treasury Bills	**$11.73**
Inflation	**$ 8.13**



Source: Ibbotson Associates

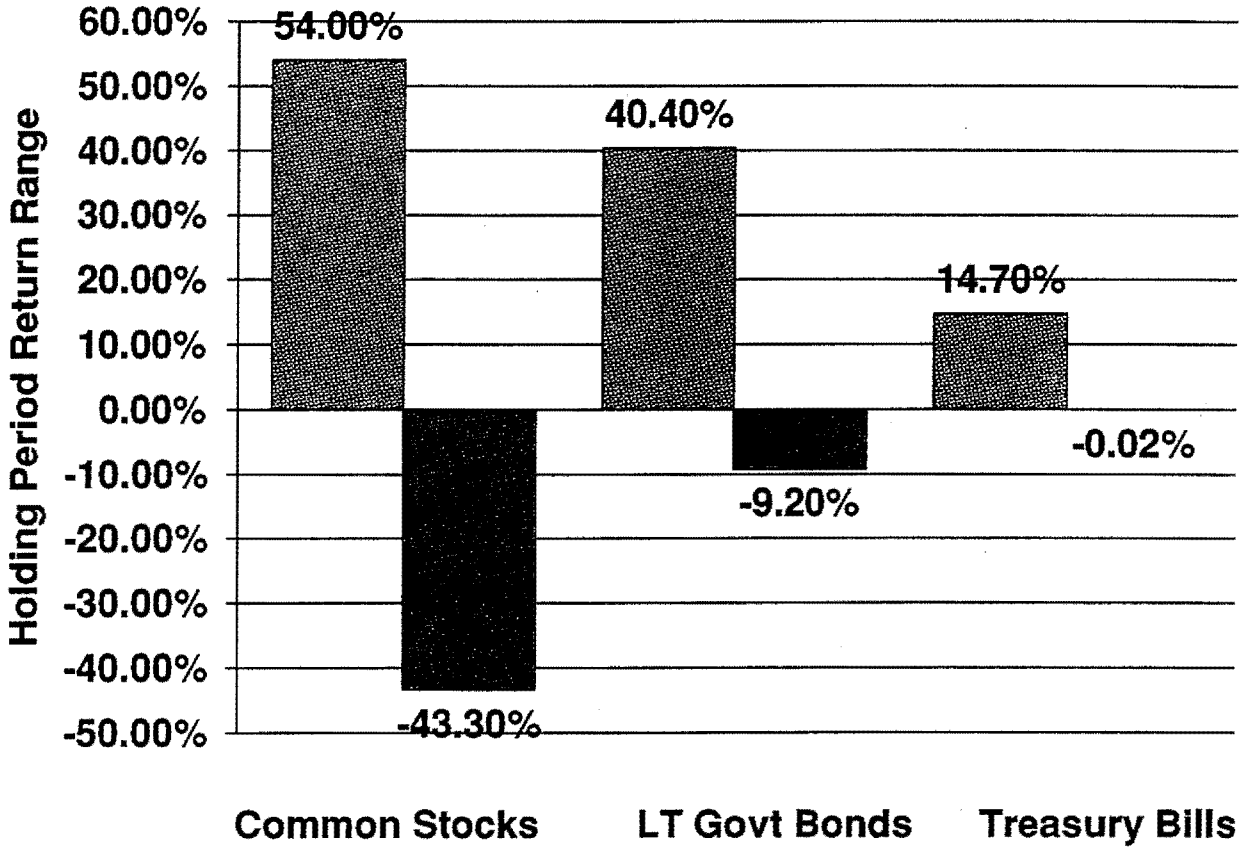
Summary Statistics of Annual Total Returns from 1926 to 1993

	Compound Return	Average Return	Risk (Standard Deviation)
Common Stocks	10.03%	12.3%	20.5%
LT Govt Bonds	5.3%	5.9%	8.4%
U.S. Treasury Bills	3.7%	3.7%	3.7%
Inflation	3.1%	3.2%	4.6%



Source: Ibbotson Associates

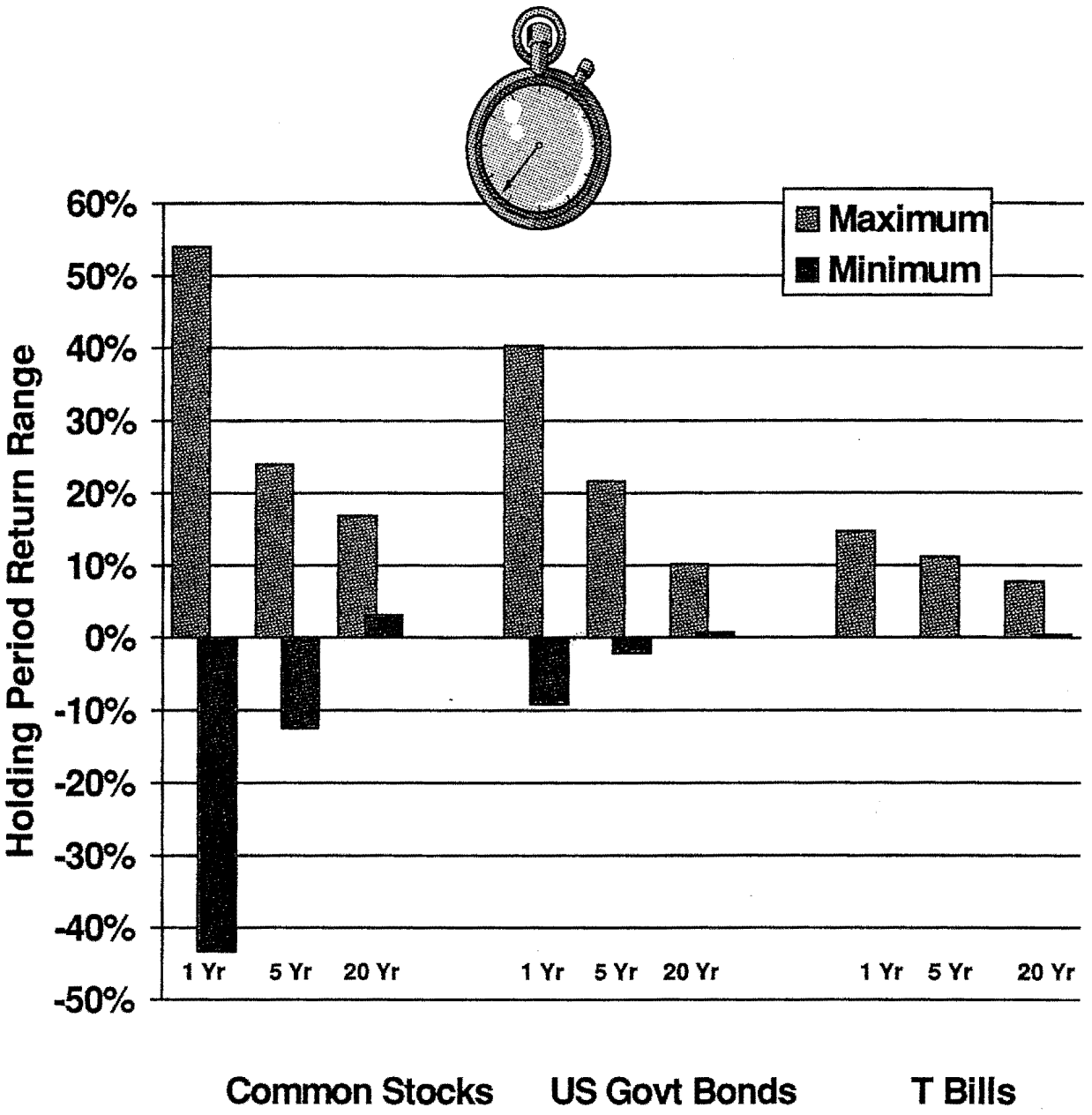
Ranges of Annual Returns



Each set of bars shows the range of annual total returns for each asset class over the period 1926-1993.

Source: Ibbotson Associates

Reduction of Risk Over Time

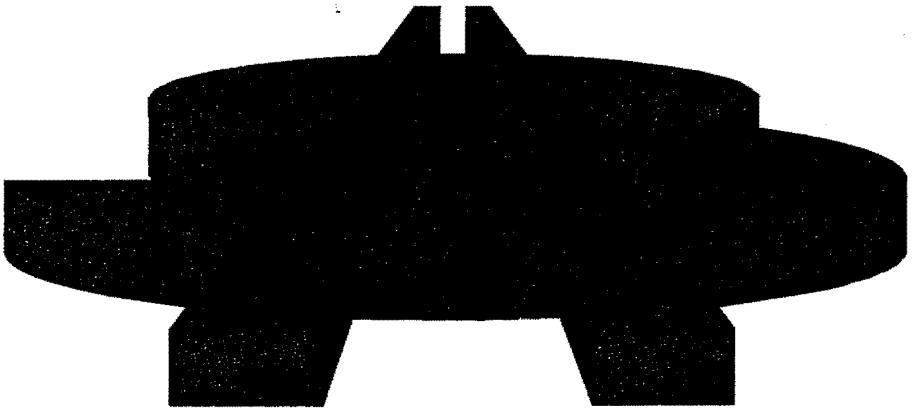


Maximum and Minimum Values of Returns for One, Five and Twenty Year Holding Periods

Source: Ibbotson Associates

Inflation Adjusted Returns

	Compound Return	Average Return	Risk (Standard Deviation)
Common Stocks	7.0%	9.0%	20.0%
LT Govt Bonds	1.8%	2.3%	10.1%
Treasury Bills	.5%	.6%	4.3%

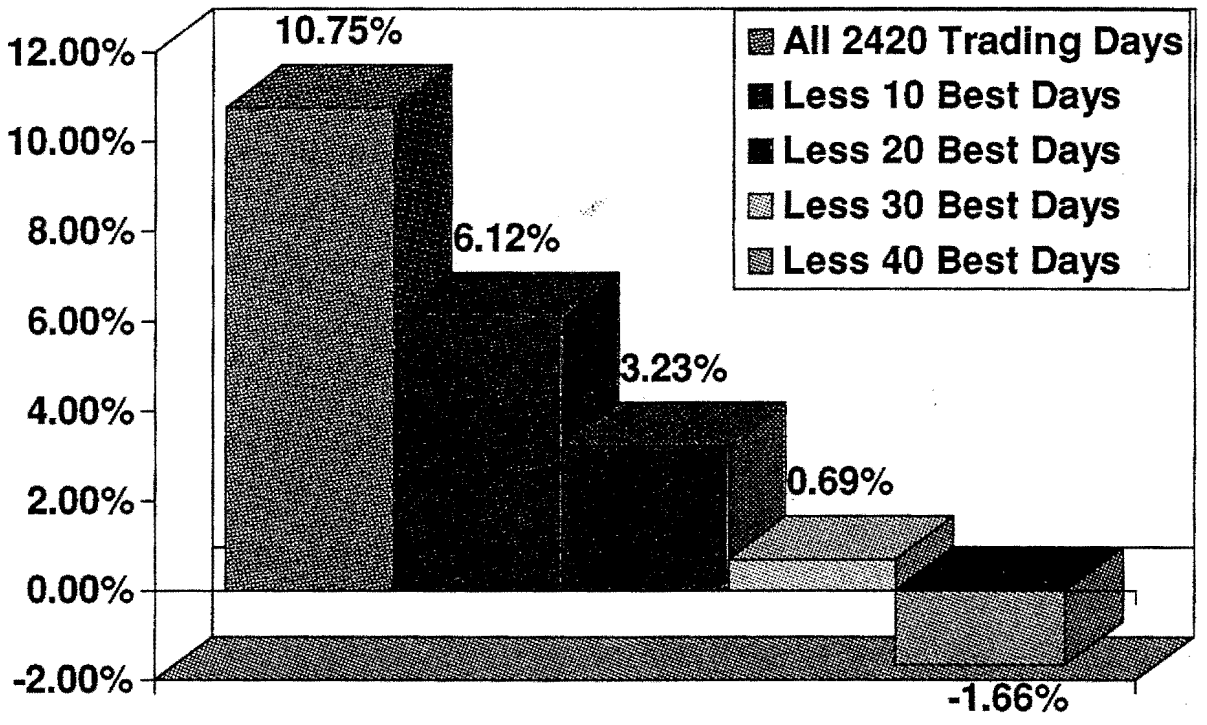


Source: Ibbotson Associates

To Time or Not to Time.....

The Penalty for Missing the Market

S&P 500 Index Annualized Return



1/1//65 through 6/30/94

Reference: Invesco Capital Management, Inc.

POLICIES

- **Asset Allocation**
- **Diversification**
- **Income Generation**

Correlations of Historical Returns From 1926-1993

	Stocks	Bonds	T-Bills	Inflation
Stocks	1			
Bonds	0.14	1		
T-Bills	-0.05	0.24	1	
Inflation	-0.02	0.15	0.42	1

Source: Ibbotson Associates

A Two-Asset Class Allocation Mix

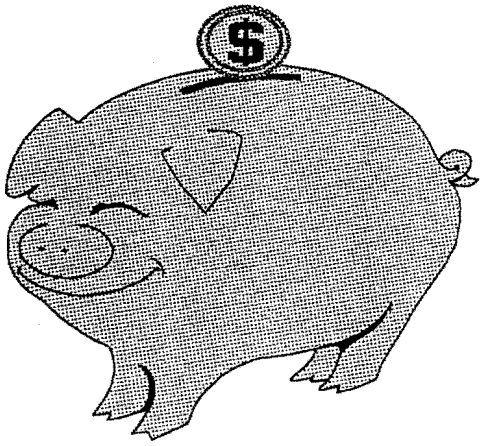
Assumptions:	Return	Risk
Common Stock:	14.0%	20.0%
Bonds:	8.0%	6.0%

Asset Mix			Standard Deviation		
Stocks	Bonds	Expected Return	1-Year Horizon	5-Year Horizon	10-Year Horizon
100%	0%	14.0%	20.0%	8.8%	6.2%
90	10	13.4	18.1	8.1	5.7
80	20	12.8	16.3	7.3	5.2
70	30	12.2	14.8	6.6	4.7
60	40	11.6	13.2	5.9	4.2
50	50	11.0	11.8	5.2	3.7
40	60	10.4	10.3	4.6	3.2
30	70	9.8	8.9	4.0	2.8
20	80	9.2	7.6	3.4	2.4
10	90	8.6	6.7	3.0	2.1
0	100	8.0	6.0	2.7	1.9

The Power of Compounding with Reinvestment of Income

	Compound Return	Average Return	Risk (Standard Deviation)
Common Stocks	**10.3%**	**12.3%**	**20.5%**
Income	4.7%	4.7%	1.3%
Capital Appreciation	5.4%	7.4%	19.7%
LT Govt Bonds	**5.0%**	**5.4%**	**8.7%**
Income	5.1%	5.1%	2.9%
Capital Appreciation	-0.2%	0.0%	7.4%

Source: Ibbotson Associates



5. Financial Report

Exxon Valdez Oil Spill Trustee Council
Restoration Office
645 "G" Street, Anchorage, AK 99501
Phone: (907) 278-8012 Fax: (907) 276-7178

MEMORANDUM

TO: James R. Ayers

FROM: June Arkoulis-Sinclair
Administrative Officer

DATE: August 15, 1994

RE: Financial Report

Status of Funds

1. The financial statements for the period ending July 31, 1994 are attached.

2. Status of settlement funds - as of July 31, 1994, $6,239,657 has been earned on settlement funds (including United States and State of Alaska accounts), $340,831,233 has been disbursed, and the total estimated funds available including receivables from Exxon are approximately $625,512,307.

3. Status of United States and State of Alaska Joint Trust Fund - as of July 31, 1994, the balance in the Joint Trust Fund was approximately $75,487,307.

4. Average earnings percentages -

   Court registry - 4.00%
   State of Alaska - 5.00%
   NRDA&R - 3.30%

5. Court requests - The $1.5 million court request to accommodate the U. S. Forest Service's proposed Appraisal Schedule & Cost Estimates is on hold until a decision is made by the Trustee Council on the Eyak appraisal at the August 23 meeting. The request is on hold until is it known whether additional funds will need to be drawn down.

6. Quarterly Financial Summaries - Brief third quarter (June 30, 1994) summary information is for the FFY 94 Work Plan presented below:

Authorized	$56.2
Expended/Obligated	(44.3
Unobligated Balance	$11,9

Investment of Funds

1. Court Registry - the Clerk of the Court has put together a long term reserve proposal for Trustee Council and Executive Director review and comment. The proposal is attached. The Clerk of the Court will be available to attend an October meeting.

2. State of Alaska - The Department of Revenue, Treasury Division has provided us with information regarding long term investments and asset allocation for review and comment. Bob Storer, Investment Officer will be available to attend an October meeting.

Attachments

DRAFT

Statement of Exxon Settlement Funds As of July 31, 1994

Beginning Balance of Settlement	900,000,000
Receipts:	
Interest Earned on Exxon Escrow Account	831,233
Net Interest Earned on Joint Trust Fund (See Note 1)	4,750,396
Interest Earned on United States and State of Alaska Accounts	658,028
Total Interest	6,239,657
Disbursements:	
Reimbursements to United States and State of Alaska	139,111,287
Exxon clean up cost deduction	39,913,688
Joint Trust Fund deposits	161,806,258
Total Disbursements	340,831,233
Funds Available	
Exxon future payments	560,000,000
Balance in Joint Trust Fund (See Statement 2)	75,487,307
Seal Bay acquisition payments due (See Note 3)	(9,975,000)
Other (See Note 2)	TBD
Total Estimated Funds Available	625,512,307

Note 1: Gross interest earned less District Court registry fees.

Note 2: Previously funded projects may have unobligated balances which will be available.

Note 3: Annual payments due in November 1994, 1995 and 1996.

DRAFT

Cash Flow Statement Exxon Valdez Oil Spill Settlement United States and State of Alaska Joint Trust Fund
July 31, 1994

Receipts:

Exxon payments		
Deposit December 1991	36,837,111	
Deposit December 1992	56,586,312	
Deposit September 1993	68,382,835	
Total Deposits	161,806,258	161,806,258
Interest Earned	5,272,794	
Total Interest	5,272,794	5,272,794
Total Receipts		167,079,052

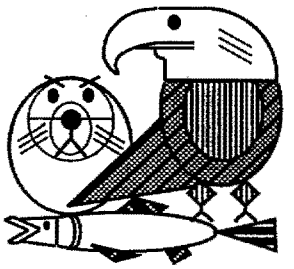
Disbursements:

Court requests		
Withdrawal June 1992	12,879,700	
Withdrawal December 1992	6,567,254	
Withdrawal June 1993	21,067,740	
Withdrawal November 1993	29,950,000	
Withdrawal November 1993	4,743,925	
Withdrawal June 1994	15,860,728	
Total Requests	91,069,347	91,069,347
District Court Fees	522,398	522,398
Total Disbursements		91,591,745
Balance in Joint Trust Fund		75,487,307

6. Draft FY 95 Work Plan - Supplement Volume II

Exxon Valdez Oil Spill Trustee Council

Restoration Office
645 G Street, Suite 401, Anchorage, Alaska 99501-3451
Phone: (907) 278-8012 Fax: (907) 276-7178



September 6, 1994

Dear Reviewer:

In late June, you received a three-ring binder that included all FY 95 proposals in response to the *Invitation to Submit Restoration Projects for Fiscal Year 1995*, followed by three "supplement" packets of proposals. Since that time, as a result of a preliminary technical and policy review, these FY 95 proposals have been organized for publication as part of a 4-volume set of documents:

- *Draft Fiscal Year 1995 Work Plan — Summary*
- *Draft Fiscal Year 1995 Work Plan — Supplement Volume I* (category 1 and 2 brief project descriptions)
- *Draft Fiscal Year 1995 Work Plan — Supplement Volume II* (category 3, 4, 5, and 6 brief project descriptions)
- *Draft Fiscal Year 1995 Work Plan — Supplement Volume III* (detailed project budget information)

These documents are being made widely available for public review and comment. (You should have already received a copy of the *Draft Fiscal Year 1995 Work Plan — Summary* and *Supplement I.*) **In order to avoid future confusion, further review and comment on FY 95 proposals should be on the basis of the current versions of the brief project descriptions.** That is, a number of the brief project descriptions you received in late June have been superseded. The most current version of each proposal is included in *Supplement Volume I* and *Supplement Volume II.* These documents will serve as the principle reference documents for FY 95 project proposals.

In a very few instances, there may be some further proposed project modifications. Any additional proposed revisions will be provided to you by September 15. Enclosed, for your reference, you will find a listing of projects indicating those proposals that have been modified since you received the initial 3-ring binder (Attachment A). In most cases, revisions were minor or involved only the budget. Also attached is a listing of projects that have had their numbers changed (Attachment B). If you have questions, please contact Sandra Schubert in the Anchorage Restoration Office (278-8012).

Sincerely,

Molly McCammon

Molly McCammon, Director of Operations

Attachment A

Project No.	Project Title		cat.
95007A	Archaeological Site Restoration - Index Site Monitoring	95007A and proposal intially submitted as 95007-CLO (closeout) were combined into a single project.	1
95007B	Archaeological Site Restoration	Further explanation added to BPD.	1
95019	Distribution and Abundance of Forage Fish as Indicated by Puffin Diet Sampling	Revisions to budget.	1
95021	Seasonal Movement and Pelagic Habitat Use by Common Murres from the Barren Islands	Revisions to budget.	2
95025A	Factors Affecting Recovery of Sea Ducks and Their Prey	Revised along with other parts of the nearshore vertebrate predator project package.	1
95025B	Sea Otter Abundance and Distribution, Food Habits and Population Assessment	Revised along with other parts of the nearshore vertebrate predator project package.	1
95025C	Pigeon Guillemots and River Otters as Bioindicators of Nearshore Ecosystem Health	Revised along with other parts of the nearshore vertebrate predator project package.	1
95025G	Relation of Clam Population Structure to Recovery of Injured Nearshore Vertebrate Predators	Revised along with other parts of the nearshore vertebrate predator project package.	3
95025H	Effects of Predatory Invertebrates on Nearshore Clam Populations in PWS	Revised along with other parts of the nearshore vertebrate predator project package.	1
95026	Hydrocarbon Monitoring: Integration of Microbial and Chemical Sediment Data	Modified methods, changed budget.	1
95027	Kodiak Shoreline Assessment: Monitoring Surface and Subsurface Oil	Modified methods, revised budget.	2
95039	Common Murre Productivity Monitoring	95039 and proposal intially submitted as 95039-CLO (closeout) were combined into a single project.	1
95041	Introduced Predator Removal from Islands - Follow-up Surveys	95041 and proposal intially submitted as 95041-CLO (closeout) were combined into a single project.	1
95075	Population Structure of Blue Mussels in Relation to Levels of Oiling and Densities of Vertebrate Predators	Revised along with other parts of the nearshore vertebrate predator project package.	2
95087	Relation of Sea Urchin Population Structure to Recovery of Injured Nearshore Vertebrate Predators	Revised along with other parts of the nearshore vertebrate predator project package.	1
95090	Mussel Bed Restoration and Monitoring in PWS and Gulf of Alaska	95090 and proposal intially submitted as 95090-CLO (closeout) were combined into a single project.	1

Attachment A

Project No.	Project Title		cat.
95093	PWSAC: Restoration of Pink Salmon Resources and Services	Substantial revisions to address wild stock restoration.	4
95102-CLO	Closeout: Murrelet Prey and Foraging Habitat in Prince William Sound	Revision regarding need for project.	5
95110-CLO	Closeout: Habitat Protection and Acquisition	Modified objectives.	5
95117-BAA	Harbor Seals and EVOS: Blubber and Lipids as Indices of Food Limitation	Substantial revisions.	1
95126	Habitat Protection and Acquisition Support	Changes to methods and implementation sections.	1
95139B	Closeout: Otter Creek/Shrode Creek Instream Restoration	This closeout project was not included in the initial preliminary review binder.	5
95139C	Montague Riparian Rehabilitation	Minor revision.	2
95141	Afognak Island State Park Interim Support	This project was not included in the initial preliminary review binder.	4
95173	Factors Affecting Recovery of PWS Pigeon Guillemot Populations	95173 and proposal intially submitted as 95173-CLO (closeout) were combined into a single project.	1
95199-CLO	Institute of Marine Science - Seward Improvements EIS	This project was not included in the initial preliminary review binder.	5
95266	Shoreline Assessment and Oil Removal	Revised substantially to include an RFP for shoreline cleanup. Large change in budget.	2
95279	Subsistence Restoration Project	Revised to include NOAA analysis role.	2
95285-CLO	Closeout: Subtidal Sediment Recovery Monitoring	This BPD was not included in the initial preliminary review binder.	5
95320A	Salmon Growth and Mortality	Reduced budget.	1
95320E	Juvenile Salmon and Herring Integration	Reduced budget. Modified objectives.	1
95320G	Phytoplankton and Nutrients	Reduced budget. Modified objectives.	1
95320H	Role of Zooplankton in the PWS Ecosystem	Reduced budget. Modified methods.	1
95320J	Information Systems and Model Development	Budget revisions.	1
95320M	Observational Physical Oceanography in PWS and the Gulf of Alaska	Budget revisions.	1

Attachment A

Project No.	Project Title		cat.
95320N	Nearshore Fish	Budget revisions. BPD revised significantly.	1
95320T	Juvenile Herring Growth and Habitat Partitioning	Budget revisions. Objectives modified.	1
95320U	Somatic and Spawning Energetics of Herring and Pollock	Budget revisions.	1
95422-CLO	Closeout: Restoration Plan EIS/Record of Decision	Minor revisions.	5
95505B	Data Analysis for Stream Habitat	Minor revisions.	1

Attachment B

FY 95 Project Proposals with Changed Project Numbers

Old No.	Project Title	New No.	Cat.
95054	Montague Riparian Rehabilitation	**95139C**	2
95139	Otter Creek/Shrode Creek Reports	**95139B**	5
95139B	Spawning Channel- Port Dick	**95139A**	2
95139C	Pink Creek and Horse Marine	**95139D**	3

9/2/94

7. Dates to remember

1995 WORK PLAN SCHEDULE and misc. other dates
9/7/94 Draft

Summary and Vol I distributed	8/29
Vol II BPDs & Budgets distributed to LIOS & libraries	8/29
Draft Work Plan public comment period	**8/29 - 10/3**
Herring research review*	9/12-13
Institute of Marine Science scientific work group*	9/14
Forage fish coordination session*	9/19 & 20
Teleconferenced public hearing, 7 p.m.	**9/28**
Pink salmon review*	9/29-30
Chief Scientist recommendations due (except 95320 & sockeye)	10/1(tentative)
Trustee Council meeting/briefing in Juneau	**10/5**
Project 95320/PWS Ecosystem Study Review*	10/4-6
Salmon and herring genetics review*	10/7
Sockeye review*	10/10-12
Briefing packet to PAG	**10/4**
PAG meeting	**10/12-13**
ED and RWF develop recommendations	10/17-18
ED recommendation & packet to Trustee Council	10/21
Trustee Council meeting	**11/2-3**

* Indicates review session for principal investigators, peer reviewers, Chief Scientist and restoration staff. All sessions in Anchorage, except 95320 review in Cordova.

8. EIS for Restoration Plan

August 16, 1994

Summary of Comments Received on the EIS for Restoration Plan

I. Introduction

It needs to be pointed out from the start that the public comment solicitation for the draft environmental impact statement (DEIS) was not intended or designed to be a statistically valid measure of public feelings about the direction of the restoration program. Many factors combine to prevent this from occurring. First, the timing was not conducive to measuring public sentiment. Second, the sample was very small. Last, responses were spontaneous. There was no instrument designed to allow a poll to be taken. The NEPA public comment process is not intended to be a public opinion poll. It is to serve as an avenue of information to the public and to solicit their involvement in reviewing the document.

II. The Comment Period

The 45-day public comment period for the DEIS for the Exxon Valdez Restoration Plan ended August 1. We received 211 written or telephone comments. Public meetings were held in Anchorage, Seward, Homer, Kodiak, Cordova, and Valdez. A total of 53 people attended these meetings. A teleconference was held on July 20, to provide another opportunity for up to 25 communities (apart from the meeting location in Anchorage) to participate if they so desired. Only three communities took advantage of this opportunity (Cordova, Seward, and Old Harbor) with ten people present.

III. Those Who Commented

Of the 211 responses received or postmarked by 8/1/94, 119 (56%) were from Alaska and 92 (44%) were from other locations, 1 of these from Canada. Of 92 Alaskan responses, 35 (29%) were from the EVOS area and 84 (29%) were from other areas of Alaska.

Geographic Breakdown of Responses to DEIS				
	EVOS Area	Other Alaska	Outside Alaska	Total
Number:	35	84	92	211
Percentage:	16.6%	39.8%	43.6%	100%

IV. The Comments

The comments can be broken down in five subject areas. These are: expressions of preference for a particular alternative; habitat protection and acquisition; general restoration; monitoring and

research; and restoration reserve. Because of the efforts of the Alaska Rainforest Campaign, habitat acquisition and general restoration were heavily commented on. The following represents a sampling of preferences and comments received.

A. Alternative Preference

Very few of those who commented clearly selected any alternative. Most comments focused on the restoration categories. Alternative preference was mostly given by saying which alternatives they, the public, did not like. However, among those few expressing a clear preference, Alternative 2 was chosen by seven people who commented and Alternative 5 by three. Alternatives 1, 3, and 4 were not chosen by any of those commenting.

Public Advisory Group (PAG) Comments: Supports Alternative 5--Draft Restoration Plan with some modifications to clarify areas. "Management by objective" implementation approach and an "Implementation Management Structure" should be included in the Final Restoration Plan. They also recommend using the restoration priorities in the "Approach to Restoration (7/15/93)" document.

B. Habitat Protection and Acquisition

This was by far the most commented on part of the restoration program. With those commenting asking for "most," "at least $500 million" (or more up to all the funds), or "2/3 of the funds" to be spent on acquiring lands. Of the 211 persons commenting, 134 wanted the Trustees to spend more than shown in Alternative 5 ($295-325 million).

Specific comments:

" best use of civil fines is purchase of land an/or timber rights on land that is important as habitat. At least two thirds of the funds should be spent to protect habitat."

" Strengthen the habitat Protection budget and deflate the budgets that will end up in some contractor's bank account."

" Strengthen habitat Protection budget for acquisitions of larger parcels of land."

" Most of what's left of the money should be spent to acquire large parcels of land, including inholdings."

" Spend money to have a permanent impact on lands. Acquire lands for the coastal forests and related areas in the Kenai-Afognak-Kodiak region."

" $300 million for Habitat Acquisition. Buy salmon streams and recreation sites in and adjacent to the EVOS area instead of conducting studies on fish stocks and recreation."

" Provide habitat that cannot be taken by government, military, farms, parks, personal use or any other. Disallow pollutants or even human interaction."

" there should be more emphasis on habitat protection and acquisition than on artificial enhancement of commercial and sport fisheries and recreation and tourism."

" The amount of money allocated to the habitat program in alternative 5 is inadequate. Emphasize Dangerous Passage, East Side of Knight Island, Bainbridge/Evans/Latouche Islands, South End of Knight Island, and Chenega Island."

" Forest habitat which will otherwise be logged should be preferred over habitat that is unlikely to be developed."

" use all of the settlement funds to acquire the private lands within Chugach National Forest, Kenai Fjords National Park, Afognak Island, and Kodiak National Wildlife Refuge."

" Reduce this! Does not support the ACE position to increase land acquisition."

" In my opinion this state already has far too many lands in the public sector. I also believe that public sector lands are less conducive to proper management and resource development. I hope that no more of our resources get locked up with this oil spill"

" Purchase large tracts of land so whole environmental habitats can be preserved."

" I urge you to use the settlement funds within Chugach National Forest, Kenai Fjords National Park, Afognak Island and Kodiak National Wildlife Refuge."

C. General Restoration

The opposite emphasis was made for general restoration. Comments ranged from "reduce" or "eliminate", to "slash the general restoration boondoggles." In most, if not all cases the same people expressed the idea that habitat should be increased while reducing general restoration. Of the 211 people commenting, 132 requested that funding for this restoration category be reduced or eliminated. The following statements taken from public comments received convey the thoughts expressed.

PAG Comments: use the 7/15/93 priorities.

Specific comments:

" 1/3 to 1/2 of the remaining funds should be used on General Restoration"

" No General Restoration boondoggles"

" Don't put money into lots of little General Restoration projects."

" don't see the sense of spending a lot of money to clean up little patches. Tanker spills from both world wars seem to have eventually been cleaned up on their own."

" Shift money from General Restoration to Habitat Protection and Acquisition"

" Eliminate support for facilities, including aquaculture, aquarium, and tourist facilities. Drop fish hatchery support and support for museums. Reduce scientific studies, both monitoring and hypothesis testing, to a total of $20 million."

" Use the money for acquisition of habitat and good, focused scientific studies with a preference going to Alaska based researchers and field technicians."

" Resist temptation to spend money on short term pork barrel research and General Restoration"

" No more spending for scientific studies."

" We oppose virtually all enhancement and manipulation forms of restoration."

" support general restoration projects that includes public education"

D. Monitoring and Research

Several of those commenting spoke directly to this category of restoration. The statements made are reflected below.

PAG Comments: "Management by objective" implementation approach and an "Implementation Management Structure" should be included in the Final Restoration Plan. They also recommend using the restoration priorities in the "Approach to Restoration (7/15/93)" document.

Specific comments:

" Cut in half proposed allocations for marine research"

" Limit studies of oil effects to long-term research on sub-lethal effects of Prudhoe Bay oil."

" Do support studies so we will know what is there come the next spill."

" Would like to see studies done on the Sound, but do so with extreme scrutiny, even researchers go overboard with their costs."

" Slash budget for scientific studies"

" Perhaps the isolated ares from the oil spill that are still degraded can be studied, but most concerned about proposed amount budgeted for studies"

" Stop studying how and why species are disappearing from the oil and do something about it."

" Spend no more than 10% on research"

" Please refuse to dole out money for porkbarrel make work projects."

" Research needs some money, but protection of habitat is highest priority"

" Much of the research which has been conducted or proposed has little chance of contributing to actual restoration"

" target scientific studies of the resources will be much better than buying land"

E. Restoration Reserve

There was a polarization of views here. Either people wanted to see the restoration reserve added to more alternatives or they were opposed to the idea altogether. Of the eight people commenting on this item, two directly support the concept, one wanted to limit the amount to $1-3 million, one wanted to wait until the last two years to set aside anything, and four people were opposed to setting any money aside.

PAG Comments: Supports "the concept of establishment of an endowment or trust that will provide funding for the purposes established by the settlement agreement." "The Public Advisory Group would like to see the restoration reserve account action clarified in alternative #5 and in the other alternatives. We would like to see specific criteria attached to the reserve for its expenditure."

Specific comments:

" Use the restoration reserve as a long-term investment strategy for acquiring additional sites should the results of monitoring and research reveal the need to obtain additional habitat areas for select species."

" Establish a small endowment to fund costs associated with conservation easements: $1 to $3 million."

" There is no rationale in the EIS for how the Reserve fund would improve restoration, or even how it would work or what it is. Therefore, the Reserve should not be included as part of the proposed action."

" Do not need to set aside funds each year, but can set aside payments from Exxon's last payment or two."

" The endowment option should be included in each of the alternatives, not just alternative 5."

10. Report on OSPIC

Oil Spill Public Information Center

Project 94423: Brief Status Report on Reference Service

September 1, 1994

The Oil Spill Public Information Center (OSPIC) provides public access to materials pertaining to the Exxon Valdez oil spill and subsequent restoration efforts. The OSPIC staff responds to information requests made by visitors to the library, or by telephone, fax, mail, electronic mail from around the world. Responses to reference requests may take anywhere from a few minutes to several hours over a period of days or weeks.

Summary of Statistics:

During the 1994 Fiscal Year (through 8/26/94), the OSPIC staff has received 1,464 visitors, responded to 2,810 requests for information, checked out 450 books, videos and slides, processed 359 interlibrary loan requests, performed 154 online database searches, and distributed 5,846 documents and publications.

See the chart on page 4 for more detail.

Who Uses the OSPIC?

Library users are not required to identify themselves, unless they wish to check out materials. Consequently, the OSPIC staff often does not know much, if anything, about some users, such as their identity, affiliation, the reason behind the request for information, where they are from or are calling from, and so on. Statistics are recorded for those requests in which the patron has provided information. (In accordance with Alaska Statute 09.25.140 and the ALA Library Bill of Rights, the identity of library users is kept strictly confidential.)

Generally, those library users that the staff does have information about can be put into the following categories: educators, students (from kindergarten through graduate school), information providers (information brokers and other librarians), scientists, writers and publishers, the media, lawyers and paralegals, business professionals, state and federal legislators, government agency personnel, and tourists.

While interest in all aspects of the spill continues, the OSPIC staff sees reference activity from different user groups increase periodically.

- Increases in teacher/student requests coincide with the academic year, from mid-August to mid-December and mid-January to May. Peak activity for teachers occurs just before each

semester, while peak activity for students takes place during the last half of the semester, when projects and term papers are due.

- Increases in reference activity occur just before and after Trustee Council meetings, Public Advisory Group meetings, and publication of new Trustee Council documents. This includes questions from agency personnel, the general public, and the media.

- With each new oil spill large enough to receive newspaper coverage, media attention returns to the Exxon Valdez oil spill. The OSPIC record for the greatest number of requests received in a single week took place in February 1993. After six weeks of increased reference activity following the T/V Braer spill in the Shetland Islands, activity peaked with 129 requests received during the week of February 12th.

- Litigation activities may result in an increase in reference questions and requests for specific documents and publications. During the week of July 25, 1994 (OSPIC's second busiest week on record), the OSPIC staff received 127 requests, a large number of which were from legal staff and the media.

- Articles mentioning the OSPIC may cause brief increases in reference activity. During the past month, 150 libraries have contacted the OSPIC requesting publications after an announcement appeared in a library periodical.

- The number of tourists visiting the OSPIC increases sharply in late April and falls off again in September.

Typical and Frequent Reference Questions:

The most frequent request received is "Please send me everything you have on the Exxon Valdez oil spill." After explaining that the entire OSPIC is focused on this spill, the staff then assists the user in narrowing their request.

Frequent requests include:

- Statistics and details regarding the tanker, the grounding, response, and cleanup, including amount of oil spilled and recovered, number of miles of shoreline oiled, and similar questions.

- Impact of the spill on the environment, especially the injury to various species and types of habitat, including the number of animals that died and how the oil hurts them.

- Impact of the spill on people in the spill area, including economic, social, psychological impacts, and specifically the impact on subsistence and other Native issues.

- Requests for photographs and slides for use in the publication of magazine and newspaper articles, books, and textbooks.

- Requests for video tape footage for use in news broadcasts, movies, documentaries, training films, and interactive videos.

- Assistance in locating newly published materials.

- Impact of the spill on the oil industry, laws and regulations.

- Assistance with class projects, reports, and science fair projects.

- Assistance with locating materials for class lessons on the spill.

- Information on Trustee Council meetings, decisions, and activities, and requests for copies of documents from the Trustee Council Administrative Record.

- Information on Public Advisory Group activities, meetings and transcripts.

Memorable questions:

While most requests fall into the general categories listed above, the OSPIC staff occasionally receives more unusual and memorable requests, such as the following:

- From a seventh grader in New Hampshire, "How do you make dispersants? I'm making an oil spill for my science project and I need to clean it up."

- From a student in Texas, "When you send the information on bioremediation, please send me some bacteria also."

- Requests for small amounts of crude oil and oiled rocks to use in class projects.

- Callers reporting small oil spills in Alaska and the West Coast.

Oil Spill Public Information Center

Statistics for FY 94 (through 8/26/94)

	Average/Week	FY 94	10/90 to Date
Visitors	32	1,464	6,980
Reference Requests (On site and off site)	60	2,810	9,422
Interlibrary Loans (Includes requests received by OSPIC from other libraries and requests placed by OSPIC.)	8	359	1,320
Documents Distributed (Does **not** include bulk mailings.)	125	5,846	17,129
Items Checked Out (Books, slides, videos, reports)	10	450	876
Online Database Searches (DIALOG, WLN, and Internet)	4	154	1,138

APPLIED
marine
SCIENCES

fax

September 8, 1994

TO: Byron Morris
Mark Broderson
Jerome Montague
Dave Gibbons
Sandy Rabinowich
Veronica Gilbert
Jeep Rice
A.J. Paul

FROM: Andy Gunther
Applied Marine Sciences

RE: Herring Meeting memorandum

It was brought to our attention this morning that some of you did not receive a copy of the following memorandum, for which we apologize.

Please note that the date contained in the memorandum is in error. The meeting will be held on Monday and Tuesday, September 12-13, beginning at 8:30 A.M. on the 12th in the 4th floor conference room at the Simpson Building (645 G Street) in Anchorage.

2155 Las Positas Court, Suite S
Livermore, CA 94550
510.373.7142
FAX 510.373.7834

No. of Pages ____

APPLIED
marine
SCIENCES

August 25, 1994

To: Distribution
From: Bob Spies, Chief Scientist
Re: Review of herring monitoring and research proposed for the 1995 workplan

A large number of proposals (Brief Project Descriptions, BPDs) submitted for 1995 work plan include monitoring or research on herring in Prince William Sound. Some of these BPDs were part of large multi-disciplinary programs, especially the SEA program and the forage fish investigations. However, other proposals focused specifically on herring biology. It is evident that we need to first define what information is needed for herring restoration and define a sensible and tractable program for 1995. We can then see how the proposals fit those needs, what gaps there may be, and eliminate work that is duplicative or impractical. A second goal is to make sure that the herring work in 1995 is integrated and coordinated as much as is possible with other ongoing work in the spill area, especially the above-mentioned programs.

The following preliminary list of issues should serve as a starting point for the discussions of research and monitoring needs relative to stock recovery:

1. The role of disease in restraining stock recovery.

2. Winter habitat and over-winter survival.

3. Is food limiting recovery? What is the condition of fish presently? Do fish have "normal" lipid reserves?

4. Is predation limiting recovery?

5. Possible reproductive impairment of herring.

5, How many stocks of herring are there in Prince William Sound?

6. Is the curent method of stock assessment by spawning biomass estimate, sufficient for management or are there other practical means for stock assessment?

I would like to structure the review as follows:

1. A summary presentation of current knowledge of Prince William Sound herring and fishery management practices--ADF&G

2. A discussion of the probable important factors constraining herring production--hypothesis formation--Group discussion

3. An elaboration of needed information and what is practical to obtain.

4. Construct a matrix of needs and proposed work.

5. Information avialable from other ongoing programs.

6. Construction of a tentative program for consideration by the Executive Director and the Trustee Council.

John Wilcox and Evelyn Biggs-Brown have generously offered to put together a prospectus on herring research and monitoring needs from the perspective of ADF&G. Either my office or the Restoration Office will also make available the BPDs submitted on herring.

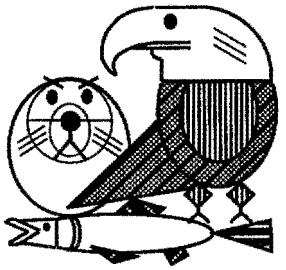
We have been fortunate in obtaining several key reviewers on relatively short notice that can all be free for two days in mid-September. To make this review truely sucessful we also need participation of key representives and investigators from the forage fish project, the SEA investigations and the Restoration Office. Your participation is important. However, if you can't talk intelligently about herring biology and ecology or don't have direct responsibility for program management in this area we do not want to waste your time in this very busy season !

After preliminary discussion with personnel from the Restoration Office, Alaska Department of Fish and Game. and a few key reviewers we have settled on dates for the review--September 13th and 14th. The review will be held in Anchorage at 645 G street, fourth floor. We will start at 8:30 AM on September 13th. THank you in advance for your participation in this important activity.

cc: J. Ayers
E. Biggs-Brown
J. June
M. McCammon
P. Mundy
A.J. Paul
J. Rice
J. Seeb
M. Stockner
J. Schweigert
J. Sullivan
G. Thomas
J. Wilcox
M. Willette
B. Wright

Exxon Valdez Oil Spill Trustee Council

Restoration Office
645 G Street, Suite 401, Anchorage, Alaska 99501-3451
Phone: (907) 278-8012 Fax: (907) 276-7178



MEMORANDUM

TO: Restoration Work Force

FROM: Molly McCammon
Director of Operations

DATE: September 8, 1994

RE: Miscellaneous items

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1. Revised schedule is attached. Please note Trustee Council meeting dates.

2. Also attached are the draft meeting notes from the August 23 meeting. Please let me know by next Monday if you have any changes/corrections, etc.

3. Also attached is the memo from Bob Spies with his recommendation for stable isotope studies in the 1995 work plan. This recommendation will be discussed at next week's work force meeting (September 15; Juneau location, USFS conference room).

4. By this time, you should have received a memo on the forage fish review session, as well as one on herring. Please let me know if you haven't. The herring review session is scheduled to begin Monday, September 12 at 8:30 a.m. and continue through Tuesday, September 13.

1995 WORK PLAN SCHEDULE and misc. other dates

9/8/94 Draft

Summary and Vol I distributed	8/29
Vol II BPDs & Budgets distributed to LIOS & libraries	8/29
Draft Work Plan public comment period	8/29 - 10/3
Herring research review*	9/12-13
Institute of Marine Science scientific work group*	9/14
Forage fish coordination session*	9/19 & 20
ED and RWF work plan discussion & review, 9 am	9/28
Teleconferenced public hearing, 7 p.m.	9/28
Pink salmon review*	9/29-30
Chief Scientist recommendations due (except 95320 & sockeye)	10/1(tentative)
Trustee Council meeting/briefing	10/5
Project 95320/PWS Ecosystem Study Review*	10/4-6
Salmon and herring genetics review*	10/7
Sockeye review*	10/10-12
Briefing packet to PAG	10/4
PAG meeting	10/12-13
ED and RWF develop recommendations	10/17-18
ED recommendation & packet to Trustee Council	10/21
Trustee Council action	11/2-3

* Indicates review session for principal investigators, peer reviewers, Chief Scientist and restoration staff. All sessions in Anchorage, except 95320 review in Cordova.

Exxon Valdez Oil Spill Trustee Council

Restoration Office
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Phone: (907) 278-8012 Fax: (907) 276-7178

TRUSTEE COUNCIL MEETING ACTIONS

August 23, 1994 @ 10:30 a.m.

By James R. Ayers
Executive Director

Trustee Council Members Present:

Phil Janik, USFS	Carl Rosier, ADF&G
•Deborah Williams, USDOI	*John Sandor, ADEC
Steve Pennoyer, NMFS	•Craig Tillery, ADOL

* Chair
• Alternates:

Deborah Williams served as an alternate for George T. Frampton, Jr. for the entire meeting.
Craig Tillery served as an alternate for Bruce Botelho for the entire meeting.

1. Approval of the Agenda

APPROVED MOTION: Approved the Agenda. (Attachment A) Added review of 1994 salmon returns by Carl Rosier to agenda.

APPROVED MOTION: Approved July 11, 1994 and July 18, 1994 Trustee Council meeting notes. (Attachment B)

2. Restoration Plan Update

APPROVED MOTION: Adopted motion on EIS and Restoration Plan as recommended by Executive Director (Attachment C). Carl Rosier moved, second by Phil Janik.

3. Less Than Fee and Public Access Policies

APPROVED MOTION: Adopted Public Advisory Group recommendation with minor changes from staff (Attachment D). Phil Janik moved, second by Steve Pennoyer.

4. Proposed Interim Budget

APPROVED MOTION: Adopted administrative and project interim budgets as recommended by Executive Director (Attachment E) with changes as identified. Carl Rosier moved, second by Steve Pennoyer.

5. Hiring of Director of Administration

APPROVED MOTION: Subject to Trustee Council approval, authorized hiring of a replacement for June Sinclair who has resigned to take a position in New York. Steve Pennoyer moved, second by Carl Rosier.

Meeting recessed.

rnw

Attachment A

Exxon Valdez Oil Spill Trustee Council

Restoration Office
645 G Street, Suite 401, Anchorage, Alaska 99501-3451
Phone: (907) 278-8012 Fax: (907) 276-7178

DRAFT

AGENDA
EXXON VALDEZ OIL SPILL SETTLEMENT
TRUSTEE COUNCIL

AUGUST 23, 1994 @ 10:30 A.M.

8/16/94
3:18 pm
DRAFT

Trustee Council Members:

PHIL JANIK/JIM WOLFE
Regional Forester/Trustee
Alaska Region/Representative
U.S. Department of Agriculture-Forest Service

BRUCE BOTELHO/CRAIG TILLERY
Attorney General/Trustee
State of Alaska/Representative

GEORGE T. FRAMPTON, JR./DEBORAH WILLIAMS
Assistant Secretary/Trustee Representative
U.S. Department of the Interior

STEVE PENNOYER
Director, Alaska Region
National Marine Fisheries Service

CARL L. ROSIER
Commissioner
Alaska Department of Fish & Game

JOHN A. SANDOR
Commissioner
Alaska Department of Environmental Conservation

, Chair
Anchorage - 645 G Street Fourth Floor

1. Call to Order 10:30 a.m.
   - Approval of Agenda
   - Order of the Day
   - Approval of July 11 and 18, 1994 Meeting Notes

2. Public Advisory Group Report (Brad Phillips) and
   Public Comment Period 10:30 - 11:30 a.m.

3. Restoration Plan Update (Jim Ayers) 11:30 a.m.
   - Summary of Public Comments on EIS (Rod Kuhn)
   - Adoption of Preferred Alternative for EIS*
   - Implementation/Final Restoration Plan

4. Habitat Protection and Acquisition
   - Update on Activities
     (Possible Executive Session for Strategy Discussion)

- "Less than fee" and "Public Access" Policies*

5. Proposed Interim Budget*
   - Administrative Budget
   - Project Interim Budgets

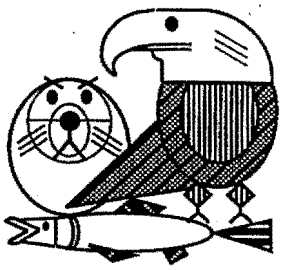
6. Executive Director's Report (Jim Ayers)
   - Financial Report
   - Court Request
   - Investment Options
   - Chief Scientist Contract (Possible Executive Session)
   - Institute of Marine Science Improvements Update
   - FY95 Draft Work Plan

7. Future Meeting Schedule

***Action Items**

Exxon Valdez Oil Spill Trustee Council

Restoration Office
645 G Street, Suite 401, Anchorage, Alaska 99501-3451
Phone: (907) 278-8012 Fax: (907) 276-7178



TRUSTEE COUNCIL MEETING ACTIONS

July 11, 1994 @ 1:00 p.m.
Reconvened from May 31, 1994 Meeting

By James R. Ayers
Executive Director

Trustee Council Members Present:

Phil Janik, USFS	Carl Rosier, ADF&G
•Deborah Williams, USDOI	*John Sandor, ADEC
•Don Collinsworth, NMFS	•Craig Tillery, ADOL

* Chair
• Alternates:

Deborah Williams served as an alternate for George T. Frampton, Jr. for the entire meeting.
Craig Tillery served as an alternate for Bruce Botelho for the entire meeting.
Don Collinsworth served as an alternate for Steve Pennoyer for the entire meeting.

1. Approval of the Agenda

APPROVED MOTION: Approved the Agenda. (Attachment A)

APPROVED MOTION: Approved May 31, 1994 Meeting Notes. (Attachment B)

2. Publication Policy

APPROVED MOTION: Adopted Publication Policy as recommended. (Attachment C) Motion by Deborah Williams, seconded by Phil Janik. Deborah Williams clarified that in lieu of the disclaimer language, in some cases it would be possible to seek Trustee Council and/or Chief Scientist endorsement of an article for publication. No action on other issue.

3. Peterson Resolution

APPROVED MOTION: Adopted resolution honoring Dr. Charles Peterson. Motion by Carl Rosier, seconded by Deborah Williams. (Attachment D)

4. Outline of Draft FY95 Work Plan

APPROVED MOTION: Adopted, with changes, a general outline for structure of the Draft FY95 Work Plan. Motion by Deborah Williams, seconded by Carl Rosier. (Attachment E)

Meeting recessed until July 18, 1994 @ 3:00 p.m.

raw

Exxon Valdez Oil Spill Trustee Council

Restoration Office
645 G Street, Suite 401, Anchorage, Alaska 99501-3451
Phone: (907) 278-8012 Fax: (907) 276-7178

TRUSTEE COUNCIL MEETING ACTIONS

July 18, 1994 @ 3:00 p.m.
Reconvened from July 11, 1994 Meeting

By James R. Ayers
Executive Director

Trustee Council Members Present:

•Jim Wolfe, USFS	Carl Rosier, ADF&G
•Deborah Williams, USDOI	*John Sandor, ADEC
•Don Collinsworth, NMFS	•Craig Tillery, ADOL

* Chair
• Alternates:

Deborah Williams served as an alternate for George T. Frampton, Jr. for the entire meeting.
Craig Tillery served as an alternate for Bruce Botelho for the entire meeting.
Don Collinsworth served as an alternate for Steve Pennoyer for the entire meeting.
Jim Wolfe served as an alternate for Phil Janik for the entire meeting.

1. Approval of the Agenda

APPROVED MOTION: Approved the Agenda. (Attachment A)

2. Habitat Acquisition Update

APPROVED MOTION: Trustee Council authorized an additional $1,500,000 to accommodate the U.S. Forest Service's proposed Appraisal Schedule & Cost Estimates. This is to include a timber cruise for Tatitlek @ $200,000 and an expedited Eyak timber cruise and report (mid-September) @ $600,000. Akhiok, Old Harbor and Koniag report due date to change from mid-September to late August. Also, requested was a written explanation from the contractor for the cost difference regarding the report due dates. Motion by Deborah Williams, seconded by Jim

Wolfe.

3. Upcoming Meeting Dates

APPROVED MOTION: The next Trustee Council meeting will be in Anchorage on August 23, 1994 @ 10:30 a.m.

Meeting adjourned

nw

DRAFT

MOTION ON EIS
(Draft 8/23/94)

MOVE THAT:

The Council pursue the array of alternatives as described in the Draft Environmental Impact Statement for the *Draft Restoration Plan*, with alternative 5 as the proposed action at this time in the Final EIS and

1) The Council request the Executive Director to direct the EIS team to appropriately address the public comments received on the DEIS; complete and print the Final Environmental Impact Statement; complete the process for the Record of Decision, and

2) Direct the Executive Director to prepare a review draft (preliminary) Final Restoration Plan which responds to public comments and incorporates the implementation management-by-objective structure and the restoration reserve, for consideration after the Record of Decision is final.

Milestones for FEIS

8/1/94	Close of comment period.
8/5/94	Package of Comment letters to TC.
8/12/94	Draft of comment summary to TC.
8/10/94	Send EIS and Comment letters to John Farrell followed by the draft responses to comments ASAP.
8/12/94	Send PFEIS to TC et.al. (Note: This is the DEIS plus Chapter 5 - Response to Comments. If there are no changes in the DEIS then all we are focusing on is Chapter 5. If there are changes of some significance then we may need to adjust this date.)
8/22/94	TC comments on PFEIS due to Rod.
8/22-9/9/94	Edit FEIS and prepare camera ready copy.
9/10/94	Send camera ready copy of FEIS to Printer.
9/21/94	Printer sends FEIS to EPA for Noticing on Federal Register.
9/30/94	Federal Register publishes Notice of Availability of FEIS.
10/31/94	Sign the Record of Decision (R.O.D.) after 30-day waiting period.
11/1-11/10/94	Print R.O.D.

August 15, 1994 4:24pm

DRAFT PREPARED FOR THE TRUSTEE COUNCIL BY THE PUBLIC ADVISORY GROUP

This draft document has been prepared Public Advisory Group. Edits proposed by Trustee Council staff are indicated by redline and strike out

POLICY GUIDELINES

General

The purpose of the Comprehensive Habitat Protection Process is to identify and protect habitats that will benefit the recovery of resources and services injured by the Exxon Valdez oil spill. Some of the protection tools available include: fee title acquisition; less than fee acquisitions including conservation easements, acquisition of partial interests, acquisition of commercial timber rights and term easements; land exchanges; and cooperative management agreements. Following an agreement for protection, acquired parcels or interests will be managed in a manner that is consistent with the restoration objectives for the injured resources and/or services.

Selection of the appropriate protection tool for a particular parcel or habitat area requires consideration of ~~will consider~~ the measures necessary to meet restoration objectives for the injured resources or services for that particular parcel. Factors to be considered include such things as habitat requirements of injured resources, cost effectiveness, restoration benefits to injured resources and services, restoration benefits ~~to lost or diminished services~~ of providing public access, and the cultural and economic needs of the existing land owners. Each proposed acquisition will address these and other factors on a case-by-case basis in order to ensure consistency with the restoration objectives and cost effective expenditure of settlement funds.

Acquisition of fee simple title

Fee simple title acquisitions have the potential to provide the highest level of habitat protection. Fee simple acquisitions also are more likely to avoid future ambiguities concerning future management, rights of sellers, public access and use, the possibility of development activities incompatible with restoration

objectives and other issues that may arise with less than fee simple acquisitions. Fee simple acquisitions are also less complex to negotiate and therefore more likely to be successfully completed. The purchase price for fee simple may be only slightly greater than the purchase price of lesser interests. Acquisition of commercial timber rights alone may not provide adequate habitat protection. The cost of future management of less than fee interests may be significantly higher than that of fee interests. Therefore, fee simple acquisition will, in many cases, be the preferred method of habitat acquisition and likely to receive a higher priority.

Acquisition of less than fee simple title

In some cases, restoration of injured resources and services can be achieved through acquisition of less than a fee simple title interest in the land. There are several reasons to pursue this strategy when it is adequate to meet restoration objectives. First, it may reduce the cost of the protection. Second, less than fee interests may be available that meet restoration objectives when fee simple title is not for sale. Third, it may allow the owner of the residual fee interest to pursue economic, cultural and other activities on the lands that are compatible with restoration objectives.

The density and type of commercial or other development has the potential to reduce the value for restoration purposes of the rights acquired in a less than fee simple transaction. In less than fee simple acquisitions the extent of development, if any, to be permitted should be specified. For example, the number of lodge sites or home sites, their size and location should be identified. The rights reserved to the seller, including the extent of development permitted, if any, must be delineated so as to preserve the value of the land for restoration purposes. The development rights reserved will differ from parcel to parcel depending on the particular needs for restoration and the needs of the seller. In addition to the issue of density and type of development which must be addressed, related concerns such as water usage and sewage disposal, shoreline and stream buffers for habitat values and recreation uses should be addressed to ensure that the rights being acquired will, in fact, provide the level of protection needed to facilitate realization of the restoration objectives now and in the future.

Acquisition of commercial timber rights

In addition to the considerations described above, acquisitions involving commercial timber rights should address the extent of timber removal permitted incidental to the fee owner's exercise of

retained rights.[1] The amount of incidental timber removal to be allowed must not reduce the value of acquiring the timber rights for restoration purposes. Factors to be considered are the extent of buffers for sensitive areas such as streams and shorelines, limitations on the amount of canopy removal and limitations on the clearing or substantial clearing of areas. Any revenue in excess of removal costs received from the sale of commercial timber removed incident to the exercise of retained rights should be paid to the Trust Fund or the managing agency if the Trust Fund no longer exists. Removal costs may not exceed normal customary charges.

Because of differing restoration needs for various parcels, the necessary limitations on incidental timber removal may differ for different parcels. The specific development to be permitted on parcels where commercial timber rights have been acquired should be described in sufficient detail to preclude future ambiguity. Descriptions should identify sites for development, including the size, locations and nature of development allowed.

In specific circumstances where it is not possible to identify all the development to be permitted, acquired habitat may be protected by setting limits on the removal of trees incidental to development. Such limitations could be used to assure that restoration objectives are achieved. They are a less preferred method of describing rights to be retained by the seller and must be carefully reviewed on a case-by-case basis. An example of a set of restrictions that could be considered would be as follows:

1) incidental timber removal could be limited to no more than some specified percent of the basal area of a parcel[2];

2) incidental timber removal could be further constrained by specifying the percentage of timber removal within portions of a parcel;

3) the size and juxtaposition of discrete blocks of timber harvested incidental to the fee owner's exercise of retained rights could also be limited;

4) incidental timber removal, if any, could be constrained so

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[1] Normally commercial timber rights are purchased in order to harvest the timber and related development is not an issue. In these acquisitions, where the timber is being purchased in order to protect the habitat, development which could affect that habitat is an important consideration for the Trustee Council.

[2] Basal area is a per acre measure of the cross sectional area at chest height occupied by the standing timber.

that there would not be a disproportionate number of larger trees removed;

5) timber removal could be prohibited within some specific distance of anadromous streams, streams that support nesting of injured species, mean high water of salt water bodies, or fish bearing fresh water body shorelines except as may be specifically agreed upon after consideration of the restoration impact of the proposed removal.

The above is but one example of how incidental removal of timber might be addressed. Other methods might include acreage control rather than basal area, zoning for critical habitat within the overall parcel or some combination of these or other methods. The specific method of addressing incidental timber removal should be tailored to the specific parcel and designed to ensure that restoration objectives are met while, to the extent possible, meeting the needs of the seller for flexibility in the exercise of retained rights.

Public use

In view of the restoration benefits to lost or diminished services of providing public access to natural resources, and because of the expenditure of public funds, public access to lands where a less than fee interest is acquired may be an important acquisition consideration. In fee simple acquisitions public use is, to a large extent, determined by the nature of the state or federal land management status.

In less than fee simple acquisitions covenants governing public access shall be sought when two conditions are met. The first is that the interest to be acquired, for purposes of restoring natural resources and services injured by the oil spill, is less than fee simple but the price to be paid for the interest is a substantial portion of the value of fee simple. The second condition is that the acquisition of public use rights will also serve to benefit services lost or diminished as a result of the oil spill. Where the seller proposes to limit public use, the Trustee Council will consider approval of the transaction when it finds that the restoration benefits outweigh the disadvantages~~cost~~ of limiting access to the public.

The determination of the specific public access rights to be obtained and the rights to be retained by the land owner will require a careful balancing of public and private needs and values including the need to restore lost services but at the same time protect the legitimate cultural and economic interests of the land owners. Such decisions can only be made on a case-by-case basis.

FY 95 Project Interim Budget Reques
Trustee Council Action
August 23, 1994

PROJECT NUMBER	PROJECT DESCRIPTION	AGENCY	INTERIM FUNDS REQUESTED	ANALYSIS FUNDS REQUESTED	REMAINING FUNDS REQUESTED	INTERIM FUNDS APPROVED	ANALYSIS FUNDS APPROVED	TOTAL APPROVED	
Category 1									
95007A	Archaeological Site Restoration - Index Site Monitoring	ADNR		191.7	194.3		191.7	191.7	
95007B	Site SEW-488 Archaeological Site Restoration	USFS		32.2	83.8		32.2	32.2	
95024	Enhancement of PWS Pink Salmon Stocks	ADFG	53.3		131.0	0.0		0.0	
95039	Common Murre Productivity Monitoring	DOI		30.5	123.7		30.5	30.5	
95041	Introduced Predator Removal from Islands	DOI		20.4	46.1		20.4	20.4	
95064	Monitoring, Habitat Use and Trophic Interactions of Harbor Seals in Prince William Sound	ADFG		114.7	232.4		114.7	114.7	
95069	Restoration of Salmon Stocks of Special Importance to Native Cultures	ADFG	14.6		360.4	0.0		0.0	
95074	Herring Reproductive Impairment	NOAA		148.8	258.3		148.8	148.8	
95086C	Herring Bay Monitoring and Experimental Study	ADFG		327.3	576.9		327.3	327.3	(3)
95089	Information Management System	ADFG	304.8		285.9	304.8		304.8	
95090	Mussel Bed Restoration and Monitoring	NOAA		160.4	278.4		160.4	160.4	
95100	Administration, Public Information and Scientific Management	ALL	3,596.9		0.0	3,596.9		3,596.9	
95126	Habitat Protection Acquisition Support	ADNR	626.2		473.3	626.2		626.2	
95131	Nanwalek, Port Graham, Tatilek Clam Restoration	ADFG	82.5		362.5	0.0		0.0	
95137	Prince William Sound Salmon Stock Identification and Monitoring Studies	ADFG		55.8	221.7		55.8	55.8	
95163	Abundance Distribution of Forage Fish their Influence on Recovery of Injured Species	NOAA		194.8	1,135.7		194.8	194.8	(2)
95166	Herring Natal Habitats	ADFG	17.8	220.8	274.2	17.8	220.8	238.6	
95173	Factors Affecting the Recovery of PWS Pigeon Guillemot Recoveries	DOI		55.1	353.7		55.1	55.1	
95191A	Investigating and Monitoring Oil Related Egg and Alevin Mortalities	ADFG		68.4	196.6		68.4	68.4	
95191B	Injury to Salmon Eggs and Pre-emergent Fry Incubated in Oil Gravel (Laboratory Study)	NOAA	45.0	120.4	165.6	45.0	120.4	165.4	
95244	Seal and Sea Otter Cooperative Subsistence Harvest Assistance	ADFG	4.0	48.6	41.3	4.0	48.6	52.6	
95255	Kenai River Sockeye Salmon Stocks	ADFG	29.3	343.1	272.6	29.3	343.1	372.4	
95258	Sockeye Salmon Overescapement	ADFG	140.2	344.9	513.0	140.2	344.9	485.1	
95290	Hydrocarbon Data Analysis, Interpretation, and Database Maintenance for Restoration and NRDA Environmental	NOAA		91.9	71.5		91.9	91.9	

Note (1): All 95320 projects need policy clarification with respect to travel, travel rates, and tuition.

Note (2): Funding for Projects 95163 and 95320N is contingent upon Executive Director approval of cooperative working agreement of these two projects and any other nearshore or forage fish project.

Note (3): Future funding for Project 95086C should be dependent on further review and integrated with other intertidal work.

FY 95 Project Interim Budget Request
Trustee Council Action
August 23, 1994

PROJECT NUMBER	PROJECT DESCRIPTION	AGENCY	INTERIM FUNDS REQUESTED	ANALYSIS FUNDS REQUESTED	REMAINING FUNDS REQUESTED	INTERIM FUNDS APPROVED	ANALYSIS FUNDS APPROVED	TOTAL APPROVED	
95320A	Prince Salmon Growth and Mortality	ADFG		48.7	219.1		48.7	48.7	(1)
95320E	Juvenile Salmon and Herring Integration	ADFG	16.0	98.0	829.1	0.0	98.0	98.0	
95320G	Phytoplankton and Nutrients	ADFG	12.8	75.7	150.8	12.8	75.7	88.5	
95320H	Role of Zooplankton in the PWS Ecosystem	ADFG		51.9	195.5		51.9	51.9	
95320I(2)	Isotope Tracers - Food Webs of Fish	ADFG	2.0	28.0	49.4	2.0	28.0	30.0	
95320J	Information Systems and Model Development	ADFG	94.9	170.8	570.5	14.6	170.8	185.4	
95320M	Observational Physical Oceanography in PWS and the Gulf of Alaska	ADFG	34.3	104.4	439.1	34.3	104.4	138.7	
95320N	Nearshore Fish	ADFG	200.0	213.1	222.1	200.0	213.1	413.1	(2)
95320Q	Avian Predation on Herring Spawn	USFS	23.1		75.9	23.1		23.1	
95424	Restoration Reserve	ALL	12,000.0		0.0	0.0		0.0	
95427	Harlequin Duck Recovery Monitoring	ADFG		17.3	209.6		17.3	17.3	
Category 2									
95279	Subsistence Foods Testing Project	ADFG	14.2	66.9	129.5	14.2	66.9	81.1	
95320D	Prince William Sound Pink Salmon Genetics	ADFG		56.5	170.5		56.5	56.5	
95266	Shoreline Restoration	ADEC		97.9	1,313.2		97.9	97.9	
Category 5									
95102-CLO	Closeout: Murrelet Prey Foraging Habitat PWS	DOI		63.8	0.0		63.8	63.8	
95110-CLO	Habitat Protection - Data Acquisition Support	ADNR		144.0	0.0		144.0	144.0	
95139B	Salmon Instream Habitat Stock Restoration	USFS	5.2		0.0	5.2		5.2	
95199	Institute of Marine Science and Seward Improvement	ADF&G	46.5		0.0	46.5		46.5	
95285-CLO	Subtidal Sediment Recovery Monitoring	NOAA		121.0	0.0		121.0	121.0	
95422-CLO	Restoration Plan Environmental Impact Statement	USFS		20.0	0.0		20.0	20.0	
95428-CLO	Subsistence Restoration Planning and Implementation	ADFG	23.1	74.8	2.0	23.1	74.8	97.9	
Category 3									
95139D	Salmon Instream Restoration: Pink Creek and Horse Marine Bypass	ADFG	7.9		53.7	0.0		0.0	
95259	Restoration of Coghill Lake Sockeye Salmon Stocks	ADFG	7.8	78.8	246.4	7.8	78.8	86.6	

Note (1): All 95320 projects need policy clarification with respect to travel, travel rates, and tuition.

Note (2): Funding for Projects 95163 and 95320N is contingent upon Executive Director approval of cooperative working agreement of these two projects and any other nearshore or forage fish project.

Note (3): Future funding for Project 95086C should be dependent on further review and integrated with other intertidal work.

FY 95 Project Interim Budget Request
Trustee Council Action
August 23, 1994

PROJECT NUMBER	PROJECT DESCRIPTION	AGENCY	INTERIM FUNDS REQUESTED	ANALYSIS FUNDS REQUESTED	REMAINING FUNDS REQUESTED	INTERIM FUNDS APPROVED	ANALYSIS FUNDS APPROVED	TOTAL APPROVED
Category 4								
95320B	Coded Wire Tag Recoveries from Pink Salmon Closeout	ADFG		84.3	0.0		84.3	84.3
95320C	Otolith Thermal Mass Marking of Hatchery Pink Salmon in PWS	ADFG		1.9	640.3		1.9	1.9
Category 6 - Carry Forward Funding								
95043B	Cutthroat Trout and Dolly Varden Rehabilitation in Western Prince William Sound	USFS	134.8			134.8		134.8
95139A	Salmon Instream Restoration: Little Waterfall Creek Barrier Bypass	ADFG	90.0			90.0		90.0
95139C	Small Instream Restoration: Lowe River	ADFG	170.1			170.1		170.1
95417	Waste Oil Disposal Facilities	ADEC	232.2			232.2		232.2
Total			18,029.5	4,187.6	12,169.6	5,774.9	4,187.6	9,962.5

Note (1): All 95320 projects need policy clarification with respect to travel, travel rates, and tuition.

Note (2): Funding for Projects 95163 and 95320N is contingent upon Executive Director approval of cooperative working agreement of these two projects and any other nearshore or forage fish project.

Note (3): Future funding for Project 95086C should be dependent on further review and integrated with other intertidal work.

APPLIED
marine
SCIENCES

August 10, 1994

To: James Ayers, Executive Director
Molly McCammon, Director of Operations

From: Robert Spies, Chief Scientist RBS

CC: Jerome Montague
ADF&G

Re: Stable isotope studies in the 1995 workplan

In response to the invitation to submit restoration projects, many proposals were offered that involved the use of stable isotopes. After the meetings of July 12-13 on the 1995 Work Plan, I was given the task of reviewing and determining the scope of a possible RFP for the stable isotope work. The purpose of this memo is to outline a consolidated approach to stable isotope studies in the 1995 workplan and to provide you with a brief background regarding the use of these tools in ecosystem studies. I also provide a draft scope of work for the consolidated proposal.

Summary

Currently the Trustee Council is funding a stable isotope study of the food web in Prince William Sound Ecosystem under the SEA Program. Many more Brief Project Descriptions (BPDs) submitted for the 1995 work plan propose isotope measurements:

1. 95009B, "Primary productivity as a factor in the recovery of injured resources in Prince William Sound"

2. 95009 C, "Trophic dynamics and energy flow: Impacts of herring spawn and sea otter predation on nearshore benthic community structure"

3. 94014, "Predation by killer whales in Prince William Sound: Feeding behavior and distribution of predators and prey"

4. 95019, "Food limitation on recovery of injured resources: an ecosystem approach to the restoration of marine birds; distribution and abundance of forage fish as indicated by puffin diet sampling"

5. 95023, "Food limitation on recovery of injured resources: an ecosystem approach to the restoration of marine birds; food-web relationships of pelagic species exhibiting long-term declines"

2155 Las Positas Court, Suite S Livermore, CA 94550 510.373.7142 FAX 510.373.7834

6. 95025 C, "Pigeon guillemots and river otters as bioindicators of nearshore ecosystem health in Prince William Sound"

7. 95025 J, "Primary productivity as a factor in the recovery of injured resources in Prince William Sound"

8. 95046, "Investigation of the long-term record in tree rings of climatic features that control key ecosystem variables related to the recovery in the spill-affected area"

9. 95055, "Prehistoric ecological baseline for Prince William Sound"

10. 95064, "Monitoring, habitat use and trophic interactions of harbor seals in Prince William Sound, Alaska"

11. 95073, "Impact of killer whale predation on harbor seals in Prince William Sound"

12. 95163, "Abundance and distribution of forage fish and their influence on recovery on injured species"

13. 95320 I (1),"SEA: Confirming food web dependencies in the Prince William Sound Ecosystem using stable isotope tracers"

14. 95320 I (2), "SEA: Confirming food web dependencies in the Prince William Sound Ecosystem using stable isotope tracers-Food webs of fishes".

15. 95114, "Eelgrass community structure restoration assessment using stable isotope tracers"

16. 95121, "Stable isotope ratios and fatty acid signatures of selected forage fish species in Prince William Sound, Alaska"

Some of the investigators proposing stable isotope measurements have national or even international reputations and have published numerous papers in the open scientific literature applying stable isotope ratios to ecological problems, while others have specialties in different areas of ecology but think that they might gain insight into their problems by utilizing this technique.

Stable isotope ratios can provide very useful information about food webs when appropriately applied and certain conditions pertain within the ecosystem under investigation. They cannot answer every question, but they often provide answers to some questions that are otherwise very difficult or impossible to approach in other ways. Interpretation of stable isotope ratios to draw ecological inferences about diet can in some instances be confounded by seasonal effects, by the major sources of primary production all have similar stable isotope signatures, or when the primary production is mainly from one invariant source.

Under project 94320 I measurements of stable isotope ratios are being carried out now in key species in Prince William Sound (e.g., plankton and fish). These are some of the first such measurements made in the Prince William Sound ecosystem, although stable isotope measurements have been used successfully in the other areas of Alaska, especially the Bering Sea, to unravel some ecological relationships. When these data on Prince William Sound become available it will help us determine how useful this approach will be in the oil spill area. Therefore, it seems unwise to embark on a really large program until we have such preliminary results.

Recommendation

I recommend that in the 1995 Work Plan all of the stable isotope studies be combined into one project funded at a somewhat higher level than the current work being carried in the 1994 Work Plan. This will avoid duplication and overlap between projects proposed for the 1995 Work Plan. If the work for FY95 is awarded on a competitive basis through issuing a Request for Proposals, we can be reasonably assured that the expertise to plan, implement and interpret the results of stable isotope studies will be of the highest caliber.

Background

The application of stable isotope ratios to ecological problems involves the measurement of small amounts of the rarer stable isotopes (for example ^{13}C and ^{15}N), which are present as only a few molecules for every thousand of ^{12}C and ^{14}N. These rarer isotopes are discriminated against in certain important chemical reactions in living organisms (e.g., in the respiratory pathway). As a result of this discrimination, the isotopic ratios of carbon and nitrogen of living organisms can differ depending upon their place in the food web. In general a species' place in the food web can be assigned based on its stable isotope ratios of carbon and nitrogen if many other species in the ecosystem at various levels are likewise analyzed. This is possible because the isotope ratios change in a predictable way with each step in the food chain and organisms acquire their stable isotope ratio in proportion to the amount of food derived from each distinct source. Thus, a top carnivore generally has more ^{13}C and ^{15}N relative to the predominant isotopes than plants at the base of the food web.

A short example might be helpful to illustrate the usefulness of these ratios. In nearshore areas that have both abundant sources of benthic diatoms and phytoplankton one can probably, in the absence of other predominant sources and knowing the trophic level of an organism from other information, determine how much of each source the organism eats by analyzing its stable carbon isotope ratio. Since we now know that the ratio of $^{13}C/^{12}C$ of PWS plankton is about -22.8 ‰ (parts per mill, or parts per thousand) and it is likely that the benthic diatoms in nearshore areas will be about -17 to -19 ‰, we can tell if a snail, for example eats predominantly one of these sources or a combination of these sources by

determining precisely (±0.1 ‰) it's carbon isotope ratio. A ratio of 20.5 ‰ would indicate that each source contributes about the same proportion of carbon to the snail. If we know the snail is strictly a herbivore we can place a good degree of confidence in this conclusion. If, however, the snail eats other animals, then considerable uncertainty is introduced.

Likewise we might be able to tell if a foraging sea bird has depended mainly on one forage fish species or another (provided the isotope ratios of the possible prey fish differ substantially). This later possible application illustrates how key information that is being gathered now will determine the ultimate usefulness of the stable isotope ratios in sorting out who eats who, when and where. If it turns out that many of the forage species (e.g., herring, pollack, capelin, sandlance) differ from one another in their stable isotope ratios, then this method may make invaluable contributions to sorting out the dependency of injured sea bird species on certain species of forage fish.

Experience has shown that the type of sample that is collected from an organism can greatly affect the stable isotope data obtained. Different answers may be obtained based on lipid content, type of tissue submitted for analysis, etc. Also the proper interpretation of stable isotope data often takes an investigator experienced in this field. For these reasons, we need to have one coordinated effort in stable isotope measurements with a qualified investigator (or investigators) who can oversee the collection, analyses and interpretation of stable isotope data.

Draft Scope of Work for a Consolidated Stable Isotope Project

The *Exxon Valdez* Oil Spill Trustee Council is sponsoring a major program to identify the factors limiting recovery of injured species in the oil spill area. These studies are taking an ecological approach to understanding the links between injured species and critical process controlling their populations, mainly through hypotheses about food limitation, predation and oil toxicity.

Stable isotope studies can provide information useful in determining predators, prey and trophic position in the food web. Such studies are therefore valuable in addressing hypotheses about trophic interactions and trophic status of injured species. In 1994 the Trustees are sponsoring one study of stable isotope ratios of pelagic organisms in Prince William Sound as part of the investigation of the food web of juvenile pink salmon. As a result of a issuing an *Invitation to Submit Restoration Projects for Fiscal Year 1995*, the Trustees received more than a dozen project ideas containing proposals for stable isotope ratio measurements in plankton, nearshore primary producers, invertebrates, fish, birds and mammals.

While the final scope of the 1995 studies have not been approved by the Trustees, it is anticipated that stable isotope measures will continue to provide needed information for the ecosystem approach to restoration. Rather than scatter the measurements among a number of different projects, it appears to be more

productive and efficient to fund one proposal for all of the stable isotope work. The scope of work would include the following activities:

1. In conjunction with ecosystem investigations being carried out in the oil spill area, propose independent hypotheses about trophic interactions of injured species answerable by application of stable isotope analysis.

2. Provide guidance for collection of specimens among the various ecosystem investigations. This would include specific written guidance on time and locations of samples needed to address the questions being posed, the tissues to be collected, any specimen preparation techniques and sample handling protocols.

3. Conduct stable isotope analyses in support of ecosystem studies, publishable as a separate coordinated study. The measurements will be made under the protocols developed in a separate Quality Assurance Project Plan.

4. Conduct stable isotope analyses in support of ecosystem studies solely as a service to other investigators. This service to constitute less than 15% of total sample analyses. Provide interpretive guidance and review the use of these data in reports and publications of other investigators.

5. Write yearly summary reports and a final report at the end of the project which summarize the findings. The interim reports will be produced in a timely manner in order to allow investigators in other ongoing projects to adjust their goals. Full publication of the results is expected in the peer reviewed open scientific literature after review by the Chief Scientist for the Trustee Council.

****
*** MULTI TRANSACTION REPORT ***
****

TX/RX NO. 2232

INCOMPLETE TX/RX

TRANSACTION OK	[09] 19075867589	J.AYERS
	[10] 19075867555	D.GIBBONS
	[11] 19074655375	M.BRODERSEN
	[13] 19077896608	MORRIS-WRIGHT
	[14] 2572510	S.RABINOWITCH
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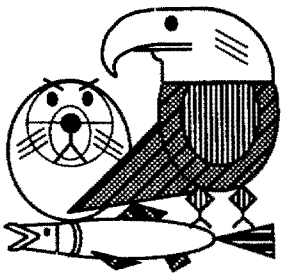
	[17] 2713992	R.THOMPSON
	[18] 5223148	J.SULLIVAN
	[19] 7863636	L.BARTELS
	[20] 7863350	C.BERG
	[35] 15103737834	B.SPIES
	[38] 2715827	G.BELT
ERROR	[12] 19074654759	J.MONTAGUE

Exxon Valdez Oil Spill Trustee Council

Restoration Office
645 G Street, Suite 401, Anchorage, Alaska 99501-3451
Phone: (907) 278-8012 Fax: (907) 276-7178



FAX COVER SHEET

Copies - For in house files!!

To: Restoration Work Force Number: _____

From: Molly Date: September 8, 1994

Comments: Total Pages: 25

Pls forward to the RWF member in your dfc. Thank you

RESTORATION WORK FORCE MEMBERS INCLUDE:

Ayers, Jim	Loeffler, Bob
Bartels, Leslie	Montague, Jerome
Berg, Catherine	Morris, Byron
Brodersen, Mark	Rabinowitch, Sandy
Bruce, David	Spies, Bob
Fries, Carol	Sullivan, Joe
Gibbons, Dave	Thompson, Ray
Gilbert, Veronica	Wright, Bruce

Document Sent By: Rebecca

Exxon Valdez Oil Spill Trustee Council

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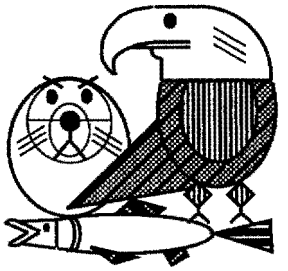


MEMORANDUM

To: Renee @ P. Janik's Office
Linda @ S. Pennoyer's Office
Carla @ C. Rosier's Office
Martha @ J. Sandor's Office
Vicki @ C. Tillery's Office
Wanda @ D. Williams' Office

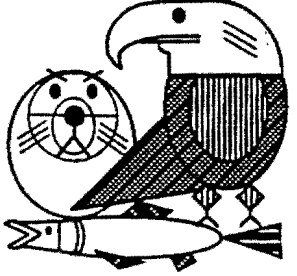
From: Rebecca Williams RAW
Exxon Valdez Restoration Office

Date: September 8, 1994

Subj: Change of Venue For October 5 Trustee Council Meeting

Jim Ayers has requested that we move the tentative Wednesday, October 5 Trustee Council (TC) meeting to Juneau. As I stated in my memo of September 7, Commissioner Rosier was the only TC member unable to make an October 5 meeting. Mr. Ayers will brief Commissioner Rosier prior to the meeting since the agenda will not include any action items. Could you each call me (265-9326 or 278-8012) and confirm or let me know if this creates any additional problems? Thank you!

Exxon Valdez Oil Spill Trustee Council
Restoration Office
645 G Street, Suite 401, Anchorage, Alaska 99501-3451
Phone: (907) 278-8012 Fax: (907) 276-7178



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Thank You

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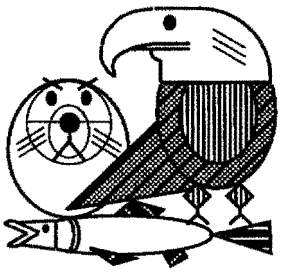

MEMORANDUM

TO: Agency Liaisons
Andy Gunther
Judy Bittner
Jim Bodkin
Kathy Frost
Dave Irons
Bob Loeffler
Joe Sullivan
Bruce Wright
Alex Wertheimer

FROM: Molly McCammon
Director of Operations

DATE: September 8, 1994

SUBJ: **Science Workshop Planning Meeting Follow-up**

Here is a recap of our discussions and an update for those of you who were not able to attend yesterday's meeting.

- **Objectives:** Annual meetings are a key element in the Trustee's adaptive management program. The overall objectives of a science workshop were identified as:

  1. Review the results of the prior year's field season and report this information to the public.
  2. Review and discuss ongoing projects with all the principal investigators. Synthesize the information gathered and discuss methods of integrating and coordinating restoration activities to the greatest extent possible.
  3. Determine if there should be modifications in the current projects already approved by the Trustee Council.
  4. Set priorities for restoration activities for the next fiscal year.
  5. Inform participants and the public of any changes to the list of injured resources or services.

- **Date:** The optimal timing suggested was the third week of January, beginning on Tuesday, January 17 (the day after the Martin Luther King holiday). The

closing date will depend on discussions and decisions to be made at our next meeting. Alternate dates: Week of January 23rd.

- **Plenary Session:** I heard consensus for a public session as part of the program, taking place as the first event. It was variously called a plenary session or a forum, but it would consist of perhaps half a day of overview talks and keynote speaker(s) presenting the most up-to-date information available in a large meeting space for assembled interested scientists and the general public. It would be followed by an evening social event.
- **Technical Sessions:** There was support for technical sessions open to the public which would include synthesized, integrated presentations on science topics. The exact form for this part was not decided upon. It ranged from allowing each P.I. the opportunity to give a presentation, to more comprehensive sessions.
- **Concurrent vs. continuous sessions:** There was support for both options. No consensus was reached. Those supporting concurrent sessions suggested that if there were continuous presentations some people would decide only to show up for "their" subject matter, thus precluding the informal cross-fertilization and idea exchange the group deemed so valuable at meetings of this type. Those supporting continuous presentations countered that they were interested in hearing what scientists in other disciplines are learning, especially if these findings are somewhat condensed and synthesized.
- **Prioritizations:** There was discussion about whether or not we should spend the final 1 to 1½ days developing priorities for the '96 work plan, or if that should be done at a separate meeting 1 to 2 weeks later with a smaller, more focused group.

Homework assignments:

- **Develop a draft program:** Everyone who has a strong idea on how the meetings should be formatted please write out a draft program and fax it to L.J. Evans at 276-7178 by Friday, September 16. These will be distributed to all participants prior to the next meeting.
- **Investigate space availability:** L.J. will scout out space available with the following general parameters:

  Day 1: Large meeting space, 400 people +, Anchorage area

  Day 2: Large meeting space, approx. 200 people, Anchorage area, for technical sessions w/option of breaking out into concurrent sessions

Day 3 & 4: Smaller meeting space - investigate options both within Anchorage and somewhat more remote.

In all cases, space is preferred which will foster informal interactions and continuations of discussions begun in the meeting rooms.

- **Next Meeting:** Monday, September 26, 9:00 AM. The Anchorage meeting site will be the fourth floor conference room in the Simpson building. Those who wish to participate via teleconference need to inform Rebecca Williams at 278-8012 prior to the meeting.

Exxon Valdez Oil Spill Trustee Council
Restoration Office
645 G Street, Suite 401, Anchorage, Alaska 99501-3451
Phone: (907) 278-8012 Fax: (907) 276-7178

MEMORANDUM

TO: Byron Morris
Bruce Wright
Al Tyler
Scott Hatch
Dave Irons
Gary Thomas
D. Lindsey Hayes
Micheal Castellini
Daniel Roby
Graham Worthy

FROM: James R. Ayers, Executive Director

DATE: September 7, 1994

SUBJ: FY 95 Forage Fish Projects — September 19-20 Work Session

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The purpose of this memorandum is to provide you with a copy of the memorandum I recently received from the Chief Scientist regarding the development of an appropriate forage fish investigation effort for FY 95.

During the preliminary review of FY 95 work plan proposals held July 12-13, a substantial number of projects were identified that proposed various research efforts involving forage fish. At that time, I directed the Chief Scientist to take the lead in developing a recommendation regarding what would constitute an appropriate work effort in FY 95. As discussed in the attached memorandum, based upon the core reviewer assessments and further consultations with principle investigators, the Chief Scientist has developed an initial set of recommendations regarding the appropriate scope and scale of forage fish investigations for FY 95.

On September 19-20, a forage fish work session will be held in Anchorage to discuss the progress of forage fish research efforts to date and to assess future

APPLIED
marine
SCIENCES

September 2, 1994

TO: James Ayers
Molly McCammon

FROM: Robert Spies, Chief Scientist
(with the assistance of Andy Gunther)

RE: Forage Fish Proposals

The core reviewers rated several proposals concerning the link between recovery of injured resources and forage fish resources as "Category 1" projects, provided that certain modifications to these projects were made. After the meetings of July 12-13 on the 1995 Work Plan, I was given the task of synthesizing the individual opinions of the core reviewers into a recommended forage fish package, and this memorandum presents my recommendation. Based upon the core reviewers assessments and further discussion with the principal investigators, I support my recommendation by presenting a discussion of (1) why the restoration program should study forage fish, (2) what aspects of forage fish we need to study to achieve restoration goals, and (3) a general description of how those aspects should be studied. Discussion and recommendations regarding the individual Brief Project Descriptions (BPDs) are then provided.

Recommendation

1. The Trustee Council Work Plan for 1995 should include studies of forage fish because their composition, abundance, and distribution may be controlling the recovery of injured species. Successful restoration activities for injured species will not be possible if the factors controlling their recovery remain unknown.

2. Determining if forage fish composition, abundance, and distribution are controlling the recovery of injured species will require measurements of their productivity and health, diet (composition, quantity, and quality), foraging habitat and efficiency, and forage fish availability as prey. Measurements of prey availability are not straightforward, and will need to be carefully evaluated. Certain additional measurements should also be taken to explore alternative hypotheses for the lack of recovery of injured species.

3. The principal investigators involved in forage fish investigations must jointly develop a program management plan for their group of projects. This plan should include topics such as investigative team organization, scheduling and reporting (including an integrated final report), coordination between investigators and other existing programs and projects (communications, sharing logistical support, equipment, and information), data management, quality assurance, and contingency planning. Principal investigators must identify performance milestones

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and the process by which to assess if those milestones are being achieved. Resources and individuals to implement this program management plan should be identified.

4. The forage fish study should examine pigeon guillemots and kittiwakes in the first year. Estimates of abundance and distribution of forage fish will have to be interpreted using information about foraging ranges and behavior to make statements about prey availability for injured species, and the uncertainty associated with these interpretations will be critical for determining the value of the program.

5. It is essential that project 95163 and project 95320N utilize similar hydroacoustic methods to produce comparable data, and that the sampling programs be integrated in time and space to maximize the coverage of Prince William Sound. In this way the two projects together can provide a more complete broad-scale picture of the distribution and abundance of forage fish. The data from the forage fish project (especially 95163) should be made available to the SEA program for use in their data visualization and modeling efforts (Project 95320-J).

6. Until the scope of work for each component of the forage fish study is more clearly defined, it will not be possible to determine the project's budget. However, at this time it is my opinion that a useful study can be conducted in FY95 for approximately $1.15 million. To achieve the objectives discussed above, the forage fish project would need to be conducted for a minimum of 3-5 years.

My recommendation that a forage fish project be authorized to go forward assumes that sufficient progress is made with regards to the critiques provided in this memorandum. I hope this memorandum provides enough detail to allow principal investigators to make the necessary changes to their BPDs, and I will certainly make myself available if you so request to discuss my concerns with the principal investigators. As always, I recommend the Detailed Project Descriptions prepared as part of the 1995 Work Plan be subjected to peer review in a continued process of assessment and refinement of proposed research and monitoring. In particular, the clear identification of interim performance milestones and the process to assess progress against those milestones will be required.

Rationale for Studying Forage Fish

Monitoring projects sponsored by the Trustee Council (and other entities) indicate that several injured species are not currently recovering. The populations of several of these injured species, including harbor seals, pigeon guillemots, marbled murrelets, and black-legged kittiwakes[1], were apparently in decline prior to

[1] Although kittiwakes are not currently on the list of injured species, a petition to include them has been delivered to my office. Preliminary assessment by the core reviewers suggests that a recommendation will be forwarded to include black-legged kittiwakes on the injured species list.

the spill. Determining what is limiting the recovery of these species is critical if we are to affect their restoration. Consequently, one of the five priority ecosystem issues identified in the *Invitation to Submit Restoration Projects for Fiscal Year 1995* (the *Invitation*) was "What is causing the long-term decline in some marine mammals and seabirds."

Although the failure of the injured seabirds to recover has been attributed to poor reproduction, there is relatively little solid information regarding the cause of these failures. The oil spill undoubtedly exacerbated the decline of many sea birds in Prince William Sound and other parts of the spill area. Many scientists studying this issue hypothesize that the declines monitored as poor reproduction are due to changes in the composition and abundance of certain prey ("forage fish").[2] The oil spill could have exacerbated food supply problems by further depressing or changing the composition of prey populations or by further stressing birds and mammals.

If a stronger connection between the lack of recovery of top predators and the composition and abundance of their prey can be established, then restoration actions may be identified that will assist in restoring the injured populations. For example, it would be possible to encourage a commercial pollock fishery in Prince William Sound, as adult pollock may compete with injured species for prey. Even if no direct restoration actions are feasible, understanding the processes controlling recovery of injured resources will produce more informed projections of the time line for recovery, and can be used to refine recovery monitoring strategies.

Summary: The Trustee Council Work Plan for 1995 proposes to study forage fish because their composition, abundance, and distribution may be controlling the recovery of injured resources.

Subjects for Forage Fish Investigations

In order to obtain the information needed to assess the influence of forage fish on recovery of injured resources, several key measurements must be made. First, census of the population of injured resources must be made to monitor recovery.[3] Second, measurements must be made of the productivity and physiological condition of injured species (clutch size, growth of chicks, fledging age, fat stores at fledging), and these measurements assessed in relation to dietary measurements (feeding rate, food composition, quantity, and quality).[4] Measurements of foraging efficiency (effort expended per unit food) should also be collected. This will determine what dietary factors exert the most influence over

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[2] This hypothesis was reflected in the *Invitation* by the question "Is it Food?" that is limiting recovery.

[3] These measurements are proposed in other projects, such as 95159 (for seabirds).

[4] The key food quality issue is the caloric content of prey items. In his BPD (95118), Dr. Roby provides the example that for a given mass, laternfish contain twice the energy of juvenile pollock, and thus are a much higher quality food.

productivity in the different species, and allow us to make well-supported statements regarding the importance of diet to the recovery of injured resources.

The other important aspect of the forage fish study is obtaining independent measure of prey availability by using hydroacoustic techniques to study the abundance and distribution of forage fish. Having this independent measure will allow us complete the line of reasoning: productivity is low because of dietary deficiencies that are correlated with certain patterns of prey resources. For example, Dr. Irons' work has shown that there is a significant variation across Prince William Sound in the productivity of kittiwake colonies, with some colonies producing many young birds and other colonies producing very few. Successfully making the measurements described above would allow us to determine, for example, that kittiwake colonies with poor reproduction had low feeding rates, and the foraging areas of these colonies contained relatively few, poor quality prey resources during the key chick provisioning period. With such results, especially if consistent over several years at different sites, allow us to make well-supported statements regarding the probable cause of the poor recovery of this injured resource.

The validity of our interpretations will depend upon a determination that the proposed combination of hydroacoustic techniques and foraging observations provide a satisfactory measurement of prey availability. Hydroacoustic techniques are a proven method of estimating relative abundance and distribution of schooling fishes, and with concurrent net collections can be used to estimate species composition. However, estimates of abundance and distribution will have to be interpreted using information about foraging ranges and behavior to make statements about prey availability for injured species.

Finally, there is also the need to explore alternate hypothesis to explain the lack of recovery of injured resources. Although the major focus of this project must remain on food limitation to assure this hypothesis is correctly tested, once a project goes forward into the field other measurements can be included to test for residual effects of oil toxicity or impacts of predation on chick survival. In addition, determining forage fish diet (through analysis of stomach contents) will help us understand what prey species support the forage fish species. This knowledge would be important for restoration actions designed to increase the size of forage fish populations.

Summary: Determining if forage fish composition, abundance, and distribution are controlling the recovery of injured species will require measurements of species productivity and physiological condition, dietary parameters, foraging habitat, and forage fish availability as prey. Measurements of prey availability are not straightforward, and will need to be carefully evaluated. Certain additional measurements should also be taken to explore alternative hypotheses for the lack of recovery of injured species.

General Structure of Forage Fish Study

After presentation above of the rationale for forage fish research and the subjects for the investigations, I now turn to how the program should be designed. The comments of the core reviewers in this regard can be synthesized into three general areas: (1) management and integration of project components, including identification of performance milestones and assessment of their achievement, (2) selection of bird predators for study and designing the hydroacoustic research in support of the predator studies, and (3) integration of the hydroacoustics, data management, and modeling with project 95320 (SEA).

Program Management and Integration

The core reviewers felt it to be essential that the projects addressing food limitation of injured resources be carefully managed to keep them coordinated, and their results integrated and presented in a synthesis report.[5] As I stated to you in my recommendation regarding Project 94320, I believe that high-quality scientific investigation on the part of principal investigators is necessary but not sufficient to assure the success of larger, multi-disciplinary ecosystem assessments. These projects must also demonstrate how the results of the study components will be integrated to address the overall restoration issues, and how adaptive management techniques can be applied to track interim progress and make programmatic adjustments as necessary.

Therefore, I have included in my recommendation that the principal investigators involved in forage fish investigations must jointly develop a program management plan for their group of projects. This plan should include topics such as investigative team organization, scheduling and reporting (including performance milestones and an integrated final report), coordination between investigators and other existing programs and projects (communications, sharing logistical support, equipment, and information), data management, quality assurance, and contingency planning. Resources and individuals to implement this plan should be identified. Creating a reasonable and effective plan will demonstrate that the forage fish investigators have the ability to work together to achieve the level of coordination and integration of their work that is a pre-requisite to successfully addressing the recovery of injured resources with a large, multidisciplinary study.

I should point out that the principal investigators for Project 94163 (and by extension, 95163) have made significant strides in this regard already, and these efforts can be used as the foundation for a program management plan. This project

[5] Although several of the BPDs referenced a major study entitled *Food Limitation on Recovery of Injured Resources: An Ecosystem Approach to Restoration of Marine Birds and Mammals*, a description of this major study was not actually included in any of the forage fish proposals.

has been proposed jointly by three agencies working together. NOAA will be managing a subcontractor conducting the hydroacoustic studies, USFWS personnel will be on board these vessels making foraging observations, and ADF&G will conducting nearshore net sampling (in water too shallow for hydroacoustics) and stomach contents analyses. NOAA is *requiring* that their subcontractor provide a report that integrates data from all three participating agencies, and other relevant research and monitoring being conducted by USFWS (kittiwakes) and those sponsored by the Trustee Council (marbled murrelets, murres, harbor seals). The first task NOAA has required of the contractor is to meet with the SEA investigators to carefully coordinate the hydroacoustic work being performed by these two projects.

Research Program Design

Initially, the forage fish research program should focus upon a few predators. Given the life histories and feeding habits of the different injured species, the individual core reviewers agreed with the proposals that suggested focusing upon pigeon guillemots and kittiwakes.[6] Although it is also possible to study puffins, and a very elegant proposal was submitted to this regard, I believe the program should begin on a more restricted basis until we can demonstrate success at achieving key interim goals.[7]

There are two important issues relative to the research program design that need to be tested. First, with regards to the use of guillemots, data from project 94173 and other observations will need to verify that guillemots in Prince William Sound are preying upon small schooling fish. Guillemots are also known to feed on demersal fish, and the abundance and distribution of these species will not be documented by hydroacoustic methods. If guillemots are preying upon demersal species, then the demersal fish sampling component of Project 95173 will be the only independent measure of prey availability for pigeon guillemots. There are no details in the BPD for project 95173 regarding the proposed demersal fish sampling.

The second critical issue to be addressed in relation to study design is utilizing hydroacoustic methods to produce data on prey availability. As mentioned previously, hydroacoustic techniques are a proven method of estimating relative abundance and distribution of schooling fishes, and with concurrent net collections can be used to estimate species composition. However, estimates of abundance and distribution will have to be interpreted using information about foraging ranges and behavior to make statements about prey availability for injured species.

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[6] It is difficult to assess diet composition for murres without disrupting their breeding colonies. Marbled murrelets nest in very inaccessible locations high in trees, and chick provisioning tends to occur at night.

[7] In addition, puffins are not very widespread within Prince William Sound (where associated hydroacoustic work is proposed), and are not considered injured species.

I cannot at this time predict how effectively these interpretations will be able to be made, and consider the assessment of the results from the 1994 pilot study (Project 94163) to be essential in this regard.[8] Hydroacoustic techniques will not provide us with estimates of biomass; we will not be able to state that forage fish stocks are up are down from year to year. Instead, we will obtain information about the relative abundance of fish based upon the frequency of encounters along specific transects. For the broad scale transects, especially in conjunction with the SEA program, we will be able to develop an understanding of the relative richness of different areas over time with regards to forage fish assemblages. In the finer scale work (more frequent transects in foraging areas), we will have information about the presence or absence of forage fishes to relate to predator productivity and health. These measurements will certainly be useful in making more informed judgments about food limitation of injured resources, but the strength of our interpretations will depend upon factors such as (1) our ability to correctly identify foraging habitat, (2) developing confident understanding of predator-prey relationships (i.e., in relation to guillemots as discussed above and from stable isotope studies)[9], (3) relating distribution of schooling fish at depth to foraging of kittiwakes at the surface, or (4) providing confident statements regarding the species composition of forage fish assemblages. If the validity of our interpretations remains weak because of the inherent uncertainties in the methods being used, the program should not continue until these problems can be rectified.

Integration with SEA (Project 95320)

The third point raised by the core reviewers with regards to research program design is integration of the hydroacoustics project with project 95320N (SEA nearshore fish). It is essential that these hydroacoustic projects utilize methods that produce comparable data, and that the sampling programs be integrated in time and space to maximize the coverage of Prince William Sound. In this way the two projects together can provide a more complete broad-scale picture of the distribution and abundance of forage fish in space and time. The data from the forage fish project (especially 95163) should be made available to the SEA program for use in their data visualization and modeling efforts (Project 95320-J).[10]

Summary: The forage fish study should examine pigeon guillemots and kittiwakes in the first year. A project management plan that describes the coordination and integration of the various forage fish projects, and the resources devoted to those ends, is essential. Principal investigators must identify performance milestones and the process by which to assess if those milestones are being achieved. Estimates of abundance and distribution of forage fish will have to be interpreted using information

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[8] Although the start-up of the 1994 program has been delayed, there will be two cruises conducted this year (August and October).

[9] The role of stable isotope studies is discussed in a separate memorandum (August 8, 1994)

[10] NOAA has made this data sharing a requirement for their hydroacoustics subcontractor. As a cost sharing opportunity, projects 95163 and 95320N should investigate joint data processing.

about foraging ranges and behavior to make statements about prey availability for injured species, and the uncertainty associated with these interpretations will be critical for determining the value of the program.

Project Specific Comments

This section presents a synthesis of the individual comments of the core reviewers and my recommendations by project.

Project 95163 ("Abundance and Distribution of Forage Fish and Their Influence on Recovery of Injured Species")

Proposed FY95 Budget: $1,203,700

This project contains the hydroacoustic component of the forage fish program, and also funds foraging observations by USFWS and a forage fish diet study by ADF&G. It is a continuation and expansion of project 94163, and the hydroacoustic work and synthesis report are to be completed by a contractor to NOAA. The reviewers were supportive of this project in concept, with careful consideration of the issues raised above concerning the ability to use hydroacoustic measurements to estimate prey availability in a manner useful to the principal investigators of predator projects.

The actual work to be conducted is poorly defined, however, in part because this is to be specified in conjunction with the contractor. The proposed modeling effort is almost completely undefined, and would seem to have significant overlap with project 95320-J. The proposal to conduct fine-scale hydroacoustic surveys on a monthly basis needs more support, as this does not seem frequent enough for the fine scale work (e.g., those surveys related specifically to foraging). The fine scale work should focus in western Prince William Sound, where there are many important bird and seal foraging areas.

Given the late start of the 1994 work, reviewers expressed concern that there is no evidence of the ability of the investigators to successfully implement this multidisciplinary project. Given this fact, combined with the as yet poor definition of what is actually going to be done, makes me conclude that the program is not yet ready for the requested increase in the budget. The reviewers questioned the magnitude of the personnel costs for USFWS. The late award of the $350,000 contract for 1994 work suggests that the proposed $700,000 contract for FY95 is excessive, as the 1994 contract funding will be carried forward into FY95. In addition, NOAA will not bear the costs of issuing an RFP for work in FY95.

I recommend that the proposed work be more clearly defined pursuant to the comments above, and that the principal investigators propose a project in the range

of $600,000. This should be sufficient funding to obtain useful data and validate the proposed methods.

Project 95019 ("Food Limitation on Recovery of Injured Resources: An Ecosystem Approach to the Restoration of Marine Birds; Distribution and Abundance of Forage Fish as Indicated by Puffin Diet Sampling")

Proposed FY95 Budget: $284,400

This project proposes to study the diet of tufted puffins, in combination with hydroacoustic surveys, as a way estimating the abundance and distribution of forage fish in puffin foraging areas. Puffin diet is relatively easy to study, and the concept here is to in essence use the puffins as low cost samplers of the forage fish population. Once we understand the relationship between puffin diet and particular forage fish distributions, we can use the less expensive puffin dietary data as a cost-effective means of collecting forage fish abundance and distribution information.

The reviewers were very impressed with the quality of this proposal, and the qualifications of the principal investigator. However, they raised many specific questions of great importance. They disagreed with the assertion that puffins are representative of many seabirds foraging on a common prey base, and they question whether the diet of any one species is truly representative of forage fish assemblages. Since puffins are not an injured resource, the rationale for studying them is closely tied to their ability to reflect information about prey availability for injured resources.

The proposed study locations are at the edge of the Sound at the Hinchinbrook entrance (Porpoise Rocks) and southern Montague Island (Wooded Islands). One of the reasons to use these study sites is that the distribution of puffins is very limited within the Sound. The proposal states these sites are strategically located to observe interactions between out-migrating salmon juveniles and puffins, but I believe the passes in the southwestern part of the Sound are much more important to the salmon. The budget also seemed excessive to the reviewers.

It is my recommendation that this study not go forward in 1995. I believe this project, although of great scientific merit, will be much better used if we first identify an important forage fish region within Prince William Sound that can be "sampled" using puffin dietary studies. I also agree with the reviewers that this project seems expensive, and that the extensive work done on puffins by the National Biological Survey suggests that this research may be supported outside of the Trustee Council's 1995 Work Plan. Additional data on kittiwake colonies outside Prince William Sound for Project 95033 would not be collected if Project 95019 does not go forward.

Project 95033 ("Kittiwakes as Indicators of Forage Fish Availability")

Proposed FY95 Budget: $198,500

This project is designed specifically to study kittiwake productivity and dietary parameters in conjunction with the prey availability data to be collected as part of Project 95163. If successfully executed this project should provide valuable information for assessing the reproductive and dietary parameters needed to test the "Is it Food" question posed in the *Invitation*. Foraging areas for individual kittiwakes from colonies under study will be identified using radio-tagging procedures.

The key issue raised by the reviewers concerning this project is whether kittiwakes were injured by the spill. Dr. Irons has presented a petition to include kittiwakes as injured species, and preliminary review of this petition was favorable. There were significant questions raised about the cost of the project, which was the case for several DOI projects. This BPD indicates that the USFWS is proposing to augment the Trustee Council's budget with $89,000 of base funds.

I anticipate recommending that this project go forward during my final review in October. Careful attention must be paid to the detailed budget of this project and those of 95118 (bird prey energetics), 95173 (pigeon guillemots), 95031 (murrelets) and 95163 (forage fish hydroacoustics). Significant economies with regard to field costs (personnel, transportation, and equipment) should be available among these projects, especially the bird studies that are proposing to share a field camp at Naked Island.

Project 95173 ("Factors Affecting the Recovery of Prince William Sound Pigeon Guillemot Populations")

Proposed FY95 Budget: $337,000

This project will collect detailed measurements of reproductive and dietary parameters of pigeon guillemots at two sites in Prince William Sound. Foraging areas for individual guillemots from colonies under study will be identified using radio-tagging procedures. The project will also investigate predation and persistent oiling of eggs as factors limiting guillemot recovery. The reviewers were impressed with the qualifications of the principal investigator for this project.

Pigeon guillemots are the central subject of two other projects (95025c ["Bioindicators of Nearshore Health"] and 95118 ["Diet composition, reproductive energetics, and productivity of seabirds damaged by the *Exxon Valdez* oil spill']). The following matrix indicates the measurements being proposed by these three studies, and clearly demonstrates a significant amount of overlap. The principal

investigators for these projects need to revise their BPDs to indicate clearly which of these projects will be collecting what data to avoid duplication of effort.

Measurement	95173	95118	95025c
egg volume	√		
chick feeding rate	√	√	√
chick meal size	√	√	√
taxonomic composition of chick diet	√	√	√
biochemical composition of food items		√	√
chick growth rate		√	√
nestling survival			√
fledging age, body mass, body composition	√	√	√
energy density of food items		√	
flight feather development		√	
adult body composition		√	√
gross foraging efficiency of parents	√	√	

The proposed measurements of oil in unhatched eggs seems unlikely to produce positive results, as the amount of oil transmitted to the eggs (presumably by feathers of parents) would probably by small. However, these measurements would be of value as they might be able to eliminate oil as a source of embryotoxicity. GC/MS techniques will have to be used to look for petroleum hydrocarbons and their metabolites, as developing avian embryos can probably metabolize petroleum hydrocarbons.

The methods by which this project will assess the abundance of nearshore demersal fishes must be much more well defined. The hydroacoustic methods used by project 95163 will not be useful for demersal species, but it is quite possible that demersal fish will make up a large portion of the guillemot's diet. If this is the case, the demersal surveys conducted by the project will be essential for developing an estimate of prey availability. It may be necessary to commit a significant amount of resources to obtain useful data on the abundance and distribution of demersal fish in guillemot foraging areas.

I anticipate recommending that this project go forward during my final review in October, though I expect the cost should be able to be reduced. These cost reductions should be available by eliminating some duplicate measurements, carefully planning and sharing logistical support with projects 95033 (kittiwakes), 95031 (murrelets), 95118 (bird prey energetics), and any other projects planning to use the Naked Island research camp or other joint operations.[11] The reviewers also felt that the personnel costs for this project were high.

[11] For example, review of the detailed budgets for Projects 95033 and 95173 indicate placing 11 people in the field with 7 boat supply trips from Anchorage to Whittier, and identical (and

Project 95118 ("Diet Composition, Reproductive Energetics, and Productivity of Seabirds Damaged by the *Exxon Valdez* Oil Spill")

Proposed FY95 Budget: $137,682

This project proposes to measure the energy content and nutritional value of the forage fishes used by injured seabirds in Prince William Sound, and relate these measures to reproductive success and physiological condition of the birds. These measurements, when combined with the information on seabird diets and prey availability, should allow us to make critical inferences about the relative value of different forage fishes to the recovery of injured resources. This was considered by several reviewers to be the best proposal submitted in response to the *Invitation* or the Broad Agency Announcement.

I anticipate recommending that this project go forward during my final review in October. This project includes assessment of the diet of puffins, which I recommend be delayed (see discussion of project 95019 above). The principal investigator also needs to describe in more detail how the samples will be preserved after collection. The BPD calls for immediate freezing, which may not be possible at all locations. Treatment of samples should be consistent between this project and project 95120. As indicated in the discussion for Project 95173 above, the measurements proposed as part of this project overlap significantly with projects 95173 and 95025c, and the principal investigators of these projects must coordinate their research to prevent duplication. Similar coordination between project 95118 and project 95120 is also needed (see discussion of 95120 below). The principal investigator for 95118 is also a co-principal investigator for 95025c, and he may consider combining these proposals.

Project 95117 ("Harbor Seals and EVOS: Blubber and Lipids as Indices of Food Limitation")

Proposed FY95 Budget: $82,947

Although recovery of harbor seals may also be limited by the abundance and distribution of forage fishes, studying harbor seals as part of the forage fish package is much more problematic. It is not really possible to study harbor seal diet without collecting animals, and collection provides data only on recent food items. Seals are quite difficult to capture, and repeated

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possibly duplicative) budgets for camp equipment, radios, and other materials. There are at least two other projects that will be sharing the Naked Island study site, and I expect we have yet to exhaust the possible economies associated with joint budgeting of supplies, equipment, and logistics.

handling of young is not possible as it is when studying birds. This project proposes to assess recent changes in the physiological condition of seals by utilizing historical blubber samples archived by ADF&G, and comparing these samples to blubber collected from animals in Prince William Sound during the next few years. If food has become limiting to seals since the time when the historical samples were taken, this should be demonstrated by a reduction in physiological condition as determined by the chemical composition of the blubber samples.

This project provides an opportunity to gather evidence to support or refute the hypothesis that food availability is limiting harbor seal recovery. However, this will only be the case is several methodological conditions are met. First, the principal investigators must provide documentation regarding changes in frozen blubber samples over time. We must be confident that the frozen samples are actually representative of the physiological condition of harbor seals in the past, and we thus must be able to discount the effects of the duration and methods of storage.

The proposal indicates that the historical samples have complete data sets associated with them that document details about the animal from which they were taken, and this will also be essential to the success of the study. The proposed measurements of physiological condition will vary with season of sampling, and the age and sex of the individual sampled. In addition, the proposal must also address the possibility that blubber composition is different throughout the body, as the part of an animal that is sampled could also affect the success of the comparisons of historical with contemporary samples.

I anticipate recommending in October that this project go forward, assuming that the principal investigator can address the potentially confounding issues raised above. The budget of this proposal should be carefully reviewed, as the reviewers also questioned the amount of senior labor included in the project. It is also surprising that much of the equipment included in the proposal is not already available in an established laboratory.

Project 95120 ("Proximate Composition and Energetic Content of Selected Forage Fish Species in Prince William Sound, Alaska"

Proposed FY95 Budget: $38,400

This project proposes to measure the composition and energetic content of forage fish species to determine the quality of prey available to injured species, a goal very similar to project 95118. The key difference between these projects is that Project 95120 proposes to study fish collected in nets, rather than the fish actually brought back to nests by foraging birds as in

Project 95118.[12] Assessment of net-collected fish during the year, as opposed to the analysis of fish collected by the birds, will provide us with a much broader understanding in time and space of the quality of the forage fish as a prey resource. We know from limited previous work, for example, that there is a significant seasonal variation in the quality of individual forage fish species.[13] Documenting these variations in Prince William Sound will be important when designing potential restoration actions for the forage fish resource.

Project 95120 will also supply a valuable link for our interpretation of the hydroacoustic data, as it will allow us to compare the quality of the prey identified by hydroacoustic methods (fish in the water) to that being obtained by the birds (fish returned to the nest). Without these measurements we would need to assume that the quality of the fish obtained by the birds was the same as the quality of the fish identified hydroacoustically. Due to our limited ability to observe foraging in progress, it will be valuable to obtain this independent measurement of forage fish composition and energetic content.

The principal investigator needs to describe in more detail how the samples will be preserved after collection. The BPD calls for immediate freezing, which may not be possible.[14] I raised this point above for Project 95118 as well. In order for the project to assess the changes in forage fish quality among sites and times, it is essential that samples be treated consistently. Consistent treatment of fish samples between projects is also important if the data from 95118 and 95120 are to be comparable.

It is essential that this project be well coordinated with Project 95118, as there is otherwise the possibility of duplicating effort. The principal investigators should document how they will assure that projects 95118 and 95120 will not be performing the same analyses (they should also investigate the possibility of preparing a joint report). While it may be appropriate to have only one laboratory perform the analyses of prey composition and energetic content, the sample load in 1995 may be too large to consolidate the work in this manner. Without additional details beyond what is normally included in BPDs, it is not possible to determine how many samples each project is proposing for analysis. The principal investigators for both projects 95118 and 95120 have excellent reputations, and I believe it would benefit the overall program to have both of these scientists involved.

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[12] Project 95120 has no field component; it proposes to obtain fish from project 95163 and other ongoing fisheries investigations.

[13] Dr. Worthy points out in his proposal, for example, that herring can vary from 3-22% lipid seasonally. This type of variation is well documented for many marine organisms, and is often driven by metabolic changes induced by the reproductive cycle.

[14] This is especially the case when purchasing fish from local fishermen.

I anticipate recommending that this project go forward, assuming that the critiques raised above are addressed by the principal investigator.

UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Marine Fisheries Service
Office of Oil Spill Damage
Assessment and Restoration
P.O. Box 210029
Auke Bay, Alaska 99821

August 17, 1994

MEMORANDUM FOR: Molly McCammon
Operations Director

FROM: Bruce Wright
Program Manager

SUBJECT: Hydroacoustics

NOAA, with input from ADF&G, was assigned the task of identifying the projects funded by the EVOS Trustee Council which use hydroacoustics. The following projects have used or are using hydroacoustic equipment; transducers, sounders, data storage units, etc. during the 1994 field season:

Project #	Project Title
94163	Forage Fish Influence on Recovery of Injured Species
94255	Kenai River Sockeye Salmon Restoration
94258	Sockeye Salmon Overescapement
94259	Coghill Lake Sockeye Salmon Restoration
94320 N	Nearshore Fish

Projects 94255, 94258, and 94259 use hydroacoustics to enumerate juvenile sockeye salmon in freshwater systems, usually in the lakes, or to count the number of adults returning to the lake system to spawn (sonar counters), and for stock separation of sockeye salmon.

Projects 94163 and 94320 N use hydroacoustic equipment to determine abundance and distribution of forage fish, juvenile salmon and macrozooplankton in the marine environment. Project 94320 N, nearshore fish, uses a wide variety of hydroacoustic equipment enabling the researchers to detect a range of targets from small zooplankton to large fishes. Project 94163, forage fish, subcontracted for basic hydroacoustic equipment and expertise enabling the researches to determine distribution and abundance of targets from the size of macrozooplankton to large fishes.

Nearshore fish project objectives require the hydroacoustic surveys take place in spring to mid-summer, April to July, with some plankton surveys in the fall. The forage fish project surveys will be August 16-27, and October 1-14.

The areas of survey are also different for these two projects. The nearshore fish project surveys concentrate in the far western portion of Prince William Sound west of Knight Island as the

researchers track the outmigration of pink salmon from PWS, and zooplankton surveys. The forage fish project August survey will include the waters of Bainbridge Island region, north Knight Island region, Green Island region, Port Nellie Juan region, south Knight Island region, Perry Island region, south Naked Island to Applegate Rocks, ship channel (Middle Point to 60°40'N), north Naked Island region, Glacier Island region, and Valdez Arm. The October forage fish survey will include the same areas as the August survey including additional eastern PWS locations as time permits.

The forage fish surveys will track some of the nearshore fish transects in Knight Island Passage in order to produce a continuous data set for that area. More importantly, the forage fish project will collect oceanographic data at some of the same SEA data points, again to augment that data set.

The data collected by 94163 and 94320 N will be necessary to complete the objectives of the following projects:

Project #	Project Title
94064	Harbor Seal Habitat Use and Monitoring
94102	Marbled Murrelet Prey & Foraging Habitat in PWS
94163	Forage Fish Influence on Recovery of Injured Species
94166	Herring Spawn Deposition and Reproductive Impairment
94173	Pigeon Guillemot Recovery Monitoring
94320 A	Salmon Growth and Mortality
94320 E	Salmon Predation
94320 J	Information Systems and Model Management
94320 N	Nearshore Fish

Several workshops and meetings are planned to coordinate the FY95 field effort of the nearshore fish, forage fish and associated projects. Although the objectives and methods of the nearshore fish and forage fish projects are different, we hope the coordination between the projects will produce some continuity in the data sets. The following projects, proposed for FY95, will use hydroacoustics:

Project #	Project Title
95163	Forage Fish Influence on Recovery of Injured Species
95255	Kenai River Sockeye Salmon Restoration
95258	Sockeye Salmon Overescapement
95259	Coghill Lake Sockeye Salmon Restoration
95320 N	Nearshore Fish
95320 T	Juvenile Herring Growth and Habitat Partitioning

If you have any questions please contact me.

cc:

J. Ayers	D. Irons	D. Schmidt
E. Brown	J. Montague	K. Tarbox
T. Coonie	B. Morris	G. Thomas
K. Frost	V. Patrick	M. Willette

Exxon Valdez Oil Spill Trustee Council

Restoration Office
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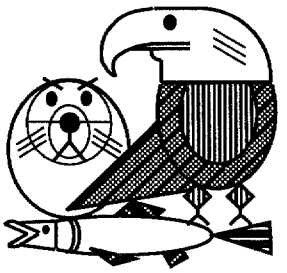

MEMORANDUM

To: Renee @ P. Janik's Office
Linda @ S. Pennoyer's Office
Carla @ C. Rosier's Office
Martha @ J. Sandor's Office
Vicki @ C. Tillery's Office
Wanda @ D. Williams' Office

From: Rebecca Williams RAW
Exxon Valdez Restoration Office

Date: September 7, 1994

Subj: Latest Word on Next Trustee Council Meeting

I just wanted to let you all know that nothing has been confirmed for the TC meeting the week of October 3. After talking with each of you, it appeared Wednesday, October 5 is our best bet, except that Commissioner Rosier is unavailable on that day. I'll continue to work on it and keep you posted.

Exxon Valdez Oil Spill Trustee Council

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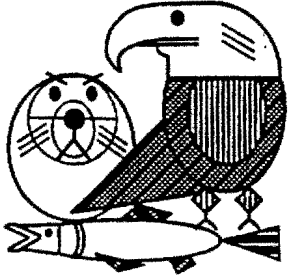

FAX COVER SHEET

To: Jim Ayers See distribution next pg Number:

From: Rebecca Williams Date: September 7, 1994

Comments: Total Pages: 2

Pls forward to the individuals listed on next pg. Thank You

Document Sent By: Rebecca

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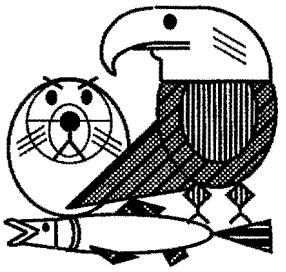

MEMORANDUM

TO: Restoration Work Force

FROM: Molly McCammon
Director of Operations

DATE: September 7, 1994

RE: Schedules

As we discussed during this morning's work force meeting, I'm sending you a draft of Bob Spies' memo listing the schedule for various scientific reviews in September and October. I've also attached a list of dates to remember that I prepared for internal use. Information on the forage fish review session is being sent separately today. You should already have received information on the herring review session, but let me or Bob Spies know if for some reason you have not.

Just as a reminder, next week's Restoration Work Force meeting will be scheduled for Thursday, September 15 at 9 a.m. The 9/6 memo on changes to the Draft Restoration Plan will be on the agenda.

APPLIED
marine
SCIENCES

September 2, 1994

TO: Jim Ayers
Executive Director

FROM: Bob Spies
Andy Gunther

CC: Molly McCammon
Carol Fries

RE: Schedule for scientific reviews
in September and October 1994

Per your request, his memorandum summarizes the scientific review sessions scheduled for September and October of 1994. The sessions and their participants are described below, and listed on the attached calendar. The Chief Scientist will produce a memorandum summarizing the discussion and recommendations for each project or set of projects. Particular attention will be given to integration and coordination between proposed studies. These memos should assist you in preparing your recommendation to the Trustee Council regarding the 1995 Work Plan.

If possible, we strongly recommend that participation in these review sessions be limited to the principal investigators, peer reviewers, Chief Scientist, and restoration staff with direct managerial responsibilities for the projects under consideration. These sessions will need to cover a lot of material in a relatively short time, and with fewer people the proceedings should be more efficient and effective. It is particularly important to keep these sessions focused upon scientific questions, and not let them get side-tracked by bureaucratic or policy issues.

The scientific review sessions, including their dates, locations, and scheduled peer reviewers in attendance, are as follows:

Session Title: 1995 herring research proposals
Dates: September 12-13, 1994
Location: Anchorage
Reviewers attending: Mundy, Stocker, Schwigert
Chairperson: Spies

Session Title: Institute of Marine Science
Dates: September 14, 1994
Location: Anchorage
Reviewers attending: Mundy, Peterson
Chairperson: to be announced

Session Title: 1994-95 Forage Fish Projects/Proposals
Dates: September 19-20, 1994
Location: Anchorage
Reviewers attending: Springer
Chairpersons: Gunther/Wright

Session Title: Pink Salmon/PWSAC
Dates: September 29-30, 1994
Location: Anchorage
Reviewers attending: Mundy
Chairperson: Spies

Session Title: PWS Ecosystem Study
Dates: October 4-6, 1994
Location: Cordova
Reviewers attending: Rose, Pearcy, Peterson, Mundy, Gunther
Chairperson: Spies

Session Title: Sockeye salmon, pink salmon, and herring genetics
Dates: October 7, 1994
Location: Anchorage
Reviewers attending: Mundy, May
Chairperson: Spies

Session Title: Sockeye Salmon
Dates: October 10-12, 1994
Location: Anchorage
Reviewers attending: Mundy, others to be determined
Chairperson: Spies

September - October 1994

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12 Spies, Mundy, Stocker, Schwigert, Herring Mtg./Anchorage	13	14 Spies, Mundy, Peterson IMS/Anch.	15	16	17
18	19 AG, Springer, Forage Fish/Anchorage	20	21	22	23	24
25	26	27	28	29 Spies, Mundy, Pink Salmon/PWSAC-Anchorage	30	1

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
25	26	27	28	29 Spies, Mundy,	30	1
2	3	4 * Spies, AG Rose, Fenrey, Mundy, Peterson, PWS Ecosystem study-Cordova	5	6	7 Spies, May, Mundy Sockeye Salmon/Anch.	8
9	10 Spies, Mundy, Sockeye Salmon Mtg. - Anchorage	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	1	2	3	4	5

DNR Workshops/Mtgs. Sept-Oct

1995 WORK PLAN SCHEDULE and misc. other dates

9/7/94 Draft

Summary and Vol I distributed	8/29
Vol II BPDs & Budgets distributed to LIOS & libraries	8/29
Draft Work Plan public comment period	8/29 - 10/3
Herring research review*	9/12-13
Institute of Marine Science scientific work group*	9/14
Forage fish coordination session*	9/19 & 20
ED and RWF work plan discussion & review, 9 am	9/28
Teleconferenced public hearing, 7 p.m.	9/28
Pink salmon review*	9/29-30
Chief Scientist recommendations due (except 95320 & sockeye)	10/1(tentative)
Trustee Council meeting/briefing	Week of 10/3-7
Project 95320/PWS Ecosystem Study Review* Public session in Cordova evening of 10/3 (tentative)	10/4-6
Salmon and herring genetics review*	10/7
Sockeye review*	10/10-12
Briefing packet to PAG	10/4
PAG meeting	10/12-13
ED and RWF develop recommendations	10/17-18
ED recommendation & packet to Trustee Council	10/21
Trustee Council action (tentative)	10/31

* Indicates review session for principal investigators, peer reviewers, Chief Scientist and restoration staff. All sessions in Anchorage, except 95320 review in Cordova.

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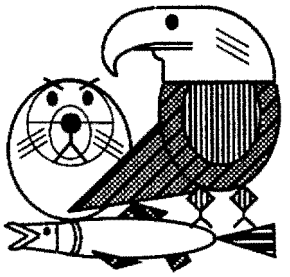

FAX COVER SHEET

To: Restoration Work Force Number: _____

From: Molly Date: September 7, 1994

Comments: Total Pages: 6

Pls forward to the RWF Member in your ofc. Thanks!

RESTORATION WORK FORCE MEMBERS INCLUDE:

Ayers, Jim	Loeffler, Bob
Bartels, Leslie	Montague, Jerome
Berg, Catherine	Morris, Byron
Brodersen, Mark	Rabinowitch, Sandy
Bruce, David	Spies, Bob
Fries, Carol	Sullivan, Joe
Gibbons, Dave	Thompson, Ray
Gilbert, Veronica	Wright, Bruce

Document Sent By: Rebecca

MEMORANDUM

Exxon Valdez Oil Spill Trustee Council
Restoration Office
645 G St, Anchorage, Alaska 99501

To: Agency Liaisons

Andy Gunther	510-373-7834
Judy Bittner	762-2628
JimBodkin	786-3636
Kathy Frost	452-6410
Dave Irons	786-3641
Joe Sullivan	522-3148
Bruce Wright	789-6608
Alex Wertheimer	789-6608

Date: September 7, 1994

From: Molly McCammon MM

Subj: **Science Workshop Planning Meeting**

The agenda for today's meeting to plan the January Science Workshop and a "straw man" description of how the workshop might be structured is attached. The Anchorage meeting site is the 4th floor conference room of the Simpson Building. Please contact Rebecca Williams at 278-8012 if you plan to participate via teleconference.

Agenda
September 7, 1994 1:30 PM
1995 Science Workshop Planning Meeting

1. Review proposed structure for the workshop
   a. changes/additions
   b. ideas for panel discussion topics
      i) Applying an ecosystem approach: scientific and management issues
      ii) Restoration: can human intervention improve on mother nature?
      III) Potential interactions between the EVOS Restoration Program and other major research efforts:
         - NOAA FOCI in the Shelikof Strait
         - PICES
         - Arctic Research Commission
   c. invite scientific presentations from NOAA FOCI, PICES, or other scientists?
2. Administrative questions
   a. when is it going to be?
   b. who's going to organize it?
   c. where's it going to be and what kind of space do we need?
      i) how many concurrent sessions?
      ii) estimate attendance at plenary session, concurrent sessions?
   d. what do we call it?
   e. is it free?
   f. written program
      i) abstracts
      ii) description of Trustee's program
      iii) who writes this?
      iv) what kind of reproduction and distribution? (i.e. photocopied? printed?)
3. Next steps

Annual Workshop Scope

Day 1 AM Plenary session

Welcome
Statement by the Governor, Trustee(s)
Goals and objectives: Jim Ayers

Overview of recovery status of injured resources: Chief Scientist

Day 1 PM. Concurrent scientific sessions

social hour

Day 2 AM. Sessions continue

Day 2 PM. Sessions continue

another social hour

Day 3 AM Panel discussions

Day 3 PM wrap up and adjourn

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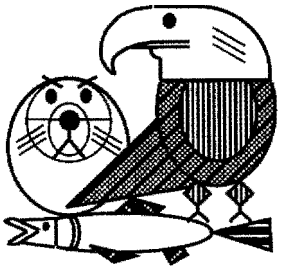

MEMORANDUM

To: Restoration Work Force

From: Molly McCammon
Director of Operations

Date: September 6, 1994

Subj: September 7 RWF Meeting

Please note that the September 7, RWF meeting will begin at 8:30 a.m. instead of 9:00. The Juneau location will be the Forest Service conference room. Items to be discussed will include:

- o Structure of Final Restoration Plan (Attachment A)
- o Final EIS
- o Other

mm/raw

Exxon Valdez Oil Spill Trustee Council

Restoration Office
645 "G" Street, Anchorage, AK 99501
Phone: (907) 278-8012 Fax: (907) 276-7178

TO: Agency Liaisons

DATE: September 6, 1994

FROM: Molly McCammon
Director of Operations

TELE: 278-8012
FAX: 276-7178

SUBJECT: Changes to the Draft Restoration Plan

The following are proposed changes to the Draft Restoration Plan in order to reflect inclusion of the Implementation Management Structure. They do not represent significant changes to the current draft plan. Please bring any comments or suggestions to the discussion of this subject at the regular workforce meeting.

Chapter 1. Introduction: No significant changes.

Chapter 2. Policies:

- Add the Mission Statement adopted by the Trustee Council.
- Replace existing policies with the Guiding Principles, but call them Policies. It is confusing to publish two groups of pronouncements, similar in form and function, that are different from each other. Because the Guiding Principles incorporate the Chapter 2 policies, we recommend replacing the Policies with the Guiding Principles in Chapter 2 (but include all of the appropriate text currently in Chapter 2). An enclosure compares the Policies with the Guiding Principles.

Chapter 3. Categories of Restoration Actions:

- Divide Monitoring from Research. We tend to treat the two activities differently. They were separately discussed in the Church-group workshops, the Invitation, and in the Draft Work Plan. So we might as well divide them in the Final Restoration Plan.
- Add a section to discuss the *Exxon Valdez* Restoration Reserve. This will take language from the 1994 and 1995 BPDs. It is a reserve for all potential restoration activities.

Chapter 4. Objectives: Keep general overview of Restoration Goals, Objectives, and Strategies; put detailed status, objective & strategy alphabetically by resource and service in an new Chapter 5. The new Chapter would also include the process for adding or removing a species to or from the injured resources list.

Notes:

- The detailed monitoring schedule, since it has not yet been peer reviewed, would not be included specifically in the plan. It would be referenced, however.
- Trustee Council Adaptive Management Cycle. A simplified chart will be included in the plan. The exact location has not yet been determined.

DRAFT

Appendices. (Appendices may be re-ordered, but a new order is not reflected.)

A. Allocation of the Civil Settlement Funds: Delete. Information will be in the annual status report. Schedule of payments information will be moved to introduction, Chapter 1.
B. Injury and Recovery: Delete. This information will change annually and so should be included in the annual status report, not the plan.
C. Areas Recommended by the Public for Purchase or Protection: No longer relevant. Delete appendix.
D. *Exxon Valdez* Planning Publications: Delete

New Appendices:

Possibly Glenn Juday's Ecosystem 101 Appendix. After reading a draft of this appendix (which is not yet available), it is possible it is appropriate for another location rather than the Final Restoration Plan.

Items in some Implementation Management Structure handouts that are *not* recommended to be included are those that reflect the internal organization of the restoration bureaucracy. That was *not* the discussed in the Draft Restoration Plan, nor the Draft EIS. Committee structures are poor things to memorialize in semi-permanent large plans. (They change to reflect changing staffing needs, capabilities, and restoration priorities.) In addition, how the bureaucracy organizes itself is generally a boring subject to the public which is supposed to the major consumer of the document. Thus, the following handouts will not be included in the plan:

Management and Science Management Organizational Chart (i.e., the squares v. circles chart)

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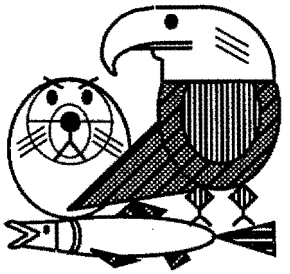

FAX COVER SHEET

To: Restoration Work Force Number: _____

From: Molly Date: September 6, 1994

Comments: Total Pages: 4

Pls forward to the RWF member in your ofc. Thank you

FAX COMPLETE

RESTORATION WORK FORCE MEMBERS INCLUDE:

Ayers, Jim	McCammon, Molly
Bartels, Leslie	Montague, Jerome
Berg, Catherine	Morris, Byron
Brodersen, Mark	Myers, Eric
Bruce, David	Rabinowitch, Sandy
Fries, Carol	Spies, Bob
Gibbons, Dave	Sullivan, Joe
Gilbert, Veronica	Thompson, Ray
Loeffler, Bob	Wright, Bruce

Document Sent By: Rebecca

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*** ACTIVITY REPORT ***
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TRANSMISSION OK

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CONNECTION ID	R.THOMPSON
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*** MULTI TRANSACTION REPORT ***
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	[13] 19077896608	MORRIS-WRIGHT
	[14] 2572510	S.RABINOWITCH
	[15] 5624871	C.FRIES
	[18] 5223148	J.SULLIVAN
	[19] 7863636	L.BARTELS
	[20] 7863350	C.BERG
	[35] 15103737834	B.SPIES
	[38] 2715827	G.BELT
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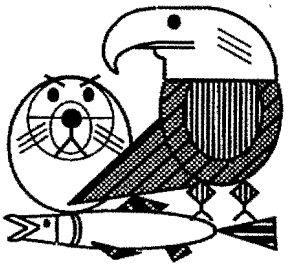
Exxon Valdez Oil Spill Trustee Council

Restoration Office
645 G Street, Suite 401, Anchorage, Alaska 99501-3451
Phone: (907) 278-8012 Fax: (907) 276-7178



September 6, 1994

Chip Thoma
2 Marine Way, Suite 203
Juneau, AK 99801

Dear Mr. ~~Thoma~~ Chip:

Thank you for your suggestions regarding public access to Trustee Council documents. After discussions of your concerns and suggestions with Jim Ayers, L.J. Evans and staff in the Juneau office, we have taken the following actions:

- In the future, notice of Trustee Council meetings will be published in the Juneau Empire at least a week in advance of the meeting whenever possible.
- Standard procedures have always been to send a packet of the same public materials which go to the Legislative Information Offices to Jim Ayers' office in Juneau before a Trustee Council meeting. Unfortunately, the person who usually oversees distribution of the packets was on annual leave the week before the August 23 meeting and her replacement did not know this was part of the task, an oversight which has been remedied. These documents are often undergoing review and revision until just a few days before Trustee Council meetings. They will be available to the public in the Juneau office as much in advance of the meeting as possible, at about the same time they are available at the Legislative Information Offices.
- A space has been designated in the Juneau office for the public to review copies of Trustee Council documents. However, since they do not have space to store enough documents to accommodate requests for copies, those requests will have to be routed through the Oil Spill Public Information Center or our office in Anchorage.

We checked our mailing list database and found that you are indeed listed with the address above. You should continue to receive all Trustee Council documents. If you think you are having any problems with receiving Trustee Council documents, please let us know. We appreciate your continued interest and involvement in the ExxonValdez oil spill process.

Sincerely yours,

Molly

Molly McCammon
Director of Operations

Exxon Valdez Oil Spill Trustee Council

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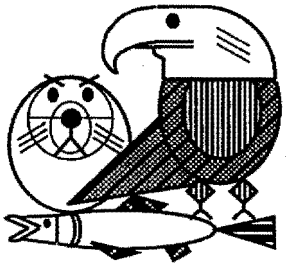

September 6, 1994

Dear Reviewer:

In late June, you received a three-ring binder that included all FY 95 proposals in response to the *Invitation to Submit Restoration Projects for Fiscal Year 1995*, followed by three "supplement" packets of proposals. Since that time, as a result of a preliminary technical and policy review, these FY 95 proposals have been organized for publication as part of a 4-volume set of documents:

- *Draft Fiscal Year 1995 Work Plan — Summary*
- *Draft Fiscal Year 1995 Work Plan — Supplement Volume I* (category 1 and 2 brief project descriptions)
- *Draft Fiscal Year 1995 Work Plan — Supplement Volume II* (category 3, 4, 5, and 6 brief project descriptions)
- *Draft Fiscal Year 1995 Work Plan — Supplement Volume III* (detailed project budget information)

These documents are being made widely available for public review and comment. (You should have already received a copy of the *Draft Fiscal Year 1995 Work Plan — Summary* and *Supplement I.*) **In order to avoid future confusion, further review and comment on FY 95 proposals should be on the basis of the current versions of the brief project descriptions.** That is, a number of the brief project descriptions you received in late June have been superseded. The most current version of each proposal is included in *Supplement Volume I* and *Supplement Volume II.* These documents will serve as the principle reference documents for FY 95 project proposals.

In a very few instances, there may be some further proposed project modifications. Any additional proposed revisions will be provided to you by September 15. Enclosed, for your reference, you will find a listing of projects indicating those proposals that have been modified since you received the initial 3-ring binder (Attachment A). In most cases, revisions were minor or involved only the budget. Also attached is a listing of projects that have had their numbers changed (Attachment B). If you have questions, please contact Sandra Schubert in the Anchorage Restoration Office (278-8012).

Sincerely,

Molly McCammon

Molly McCammon, Director of Operations

Attachment A

Project No.	Project Title		cat.
95007A	Archaeological Site Restoration - Index Site Monitoring	95007A and proposal intially submitted as 95007-CLO (closeout) were combined into a single project.	1
95007B	Archaeological Site Restoration	Further explanation added to BPD.	1
95019	Distribution and Abundance of Forage Fish as Indicated by Puffin Diet Sampling	Revisions to budget.	1
95021	Seasonal Movement and Pelagic Habitat Use by Common Murres from the Barren Islands	Revisions to budget.	2
95025A	Factors Affecting Recovery of Sea Ducks and Their Prey	Revised along with other parts of the nearshore vertebrate predator project package.	1
95025B	Sea Otter Abundance and Distribution, Food Habits and Population Assessment	Revised along with other parts of the nearshore vertebrate predator project package.	1
95025C	Pigeon Guillemots and River Otters as Bioindicators of Nearshore Ecosystem Health	Revised along with other parts of the nearshore vertebrate predator project package.	1
95025G	Relation of Clam Population Structure to Recovery of Injured Nearshore Vertebrate Predators	Revised along with other parts of the nearshore vertebrate predator project package.	3
95025H	Effects of Predatory Invertebrates on Nearshore Clam Populations in PWS	Revised along with other parts of the nearshore vertebrate predator project package.	1
95026	Hydrocarbon Monitoring: Integration of Microbial and Chemical Sediment Data	Modified methods, changed budget.	1
95027	Kodiak Shoreline Assessment: Monitoring Surface and Subsurface Oil	Modified methods, revised budget.	2
95039	Common Murre Productivity Monitoring	95039 and proposal intially submitted as 95039-CLO (closeout) were combined into a single project.	1
95041	Introduced Predator Removal from Islands - Follow-up Surveys	95041 and proposal intially submitted as 95041-CLO (closeout) were combined into a single project.	1
95075	Population Structure of Blue Mussels in Relation to Levels of Oiling and Densities of Vertebrate Predators	Revised along with other parts of the nearshore vertebrate predator project package.	2
95087	Relation of Sea Urchin Population Structure to Recovery of Injured Nearshore Vertebrate Predators	Revised along with other parts of the nearshore vertebrate predator project package.	1
95090	Mussel Bed Restoration and Monitoring in PWS and Gulf of Alaska	95090 and proposal intially submitted as 95090-CLO (closeout) were combined into a single project.	1

Attachment A

Project No.	Project Title		cat.
95093	PWSAC: Restoration of Pink Salmon Resources and Services	Substantial revisions to address wild stock restoration.	4
95102-CLO	Closeout: Murrelet Prey and Foraging Habitat in Prince William Sound	Revision regarding need for project.	5
95110-CLO	Closeout: Habitat Protection and Acquisition	Modified objectives.	5
95117-BAA	Harbor Seals and EVOS: Blubber and Lipids as Indices of Food Limitation	Substantial revisions.	1
95126	Habitat Protection and Acquisition Support	Changes to methods and implementation sections.	1
95139B	Closeout: Otter Creek/Shrode Creek Instream Restoration	This closeout project was not included in the initial preliminary review binder.	5
95139C	Montague Riparian Rehabilitation	Minor revision.	2
95141	Afognak Island State Park Interim Support	This project was not included in the initial preliminary review binder.	4
95173	Factors Affecting Recovery of PWS Pigeon Guillemot Populations	95173 and proposal intially submitted as 95173-CLO (closeout) were combined into a single project.	1
95199-CLO	Institute of Marine Science - Seward Improvements EIS	This project was not included in the initial preliminary review binder.	5
95266	Shoreline Assessment and Oil Removal	Revised substantially to include an RFP for shoreline cleanup. Large change in budget.	2
95279	Subsistence Restoration Project	Revised to include NOAA analysis role.	2
95285-CLO	Closeout: Subtidal Sediment Recovery Monitoring	This BPD was not included in the initial preliminary review binder.	5
95320A	Salmon Growth and Mortality	Reduced budget.	1
95320E	Juvenile Salmon and Herring Integration	Reduced budget. Modified objectives.	1
95320G	Phytoplankton and Nutrients	Reduced budget. Modified objectives.	1
95320H	Role of Zooplankton in the PWS Ecosystem	Reduced budget. Modified methods.	1
95320J	Information Systems and Model Development	Budget revisions.	1
95320M	Observational Physical Oceanography in PWS and the Gulf of Alaska	Budget revisions.	1

Attachment A

Project No.	Project Title		cat.
95320N	Nearshore Fish	Budget revisions. BPD revised significantly.	1
95320T	Juvenile Herring Growth and Habitat Partitioning	Budget revisions. Objectives modified.	1
95320U	Somatic and Spawning Energetics of Herring and Pollock	Budget revisions.	1
95422-CLO	Closeout: Restoration Plan EIS/Record of Decision	Minor revisions.	5
95505B	Data Analysis for Stream Habitat	Minor revisions.	1

Attachment B

FY 95 Project Proposals with Changed Project Numbers

Old No.	Project Title	New No.	Cat.
95054	Montague Riparian Rehabilitation	**95139C**	2
95139	Otter Creek/Shrode Creek Reports	**95139B**	5
95139B	Spawning Channel- Port Dick	**95139A**	2
95139C	Pink Creek and Horse Marine	**95139D**	3

9/2/94

Exxon Valdez Oil Spill Trustee Council
Restoration Office
645 "G" Street, Anchorage, AK 99501
Phone: (907) 278-8012 Fax: (907) 276-7178

September 2, 1994

Mr. Michael Milby
Clerk of Court
United States District Court
P. O. Box 61010
Houston, TX 77208

Dear Mr. Milby:

Thank you for sending the long term reserve information package in time for the Trustee Council meeting. The package was distributed at the meeting and the Trustee Council members were very pleased.

We are in the process of reviewing this information and expect to be in contact with you in the near future. Before we proceed with our review, however, we do need to know if CRIS investments are limited to U. S. Treasury securities. Your letter mentions that CRIS invests only in U. S. Treasury securities but it is not clear if that is a requirement. Please let us know if there are any restrictions.

We would still like you to attend a Trustee Council meeting if your schedule will allow. A meeting has been tentatively scheduled for October 31 in Anchorage. Please let us know if you can attend.

Sincerely,

June M. Arkoulis-Sinclair

June M. Arkoulis-Sinclair
Administrative Officer

cc: James R. Ayers, Executive Director

milby3.wpd

Exxon Valdez Oil Spill Trustee Council

Restoration Office
645 "G" Street, Anchorage, AK 99501
Phone: (907) 278-8012 Fax: (907) 276-7178

MEMORANDUM

TO: See Distribution
FROM: June Arkoulis-Sinclair
Administrative Officer

DATE: September 2, 1994

RE: Revised documents

Attached, for your information, are revised/updated spreadsheets, budgets, etc.

Distribution

Agency Liaisons
Jim Ayers
Molly McCammon

DRAF

Project 95320COR
Prince William Sound System Investigation
Draft FFY 95 Budget Summary by Agency

Agency/Sub-Project	Personal Services	Travel	Contractual	Commodities	Equipment	Capital Outlay	General Admin.	FY 95 Total	FTEs
94 Report/'95 Interim									
ADFG									
95320A	39.5	0.0	0.0	3.3	0.0	0.0	5.9	48.7	0.8
95320E	76.9	0.0	0.0	7.8	17.8	0.0	11.5	114.0	1.6
95320G	3.0	0.0	83.5	0.0	0.0	0.0	2.0	88.5	0.0
95320H	0.0	0.0	50.6	0.0	0.0	0.0	1.3	51.9	0.0
95320 - I - (2)	0.0	0.0	29.4	0.0	0.0	0.0	0.6	30.0	0.0
95320J	0.0	0.0	261.5	0.0	0.0	0.0	4.2	265.7	0.0
95320K	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95320M	0.0	0.0	134.2	0.0	0.0	0.0	4.5	138.7	0.0
95320N	3.0	0.0	399.3	0.0	0.0	0.0	10.8	413.1	3.8
95320T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95320U	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	122.4	0.0	958.5	11.1	17.8	0.0	40.8	1,150.6	6.2
USFS									
95320Q	17.3	1.4	1.7	0.0	0.0	0.0	2.7	23.1	0.4
	139.7	1.4	960.2	11.1	17.8	0.0	43.5	1,173.7	6.6
Remaining Budget									
ADFG									
95320A	130.6	1.2	49.8	14.4	0.0	0.0	23.1	219.1	2.3
95320E	298.0	2.8	374.4	89.2	0.0	0.0	64.7	829.1	4.5
95320G	0.0	0.0	146.7	0.0	0.0	0.0	4.1	150.8	0.0
95320H	3.0	0.0	187.5	0.0	0.0	0.0	5.0	195.5	0.0
95320 - I - (2)	3.0	0.0	45.0	0.0	0.0	0.0	1.4	49.4	0.0
95320J	3.0	0.0	550.9	0.0	0.0	0.0	16.6	570.5	0.0
95320K	0.0	0.0	43.8	0.0	0.0	0.0	3.5	47.3	0.0
95320M	3.0	0.0	426.1	0.0	0.0	0.0	10.0	439.1	0.0
95320N	0.0	0.0	217.1	0.0	0.0	0.0	5.0	222.1	1.8
95320T	58.1	2.0	248.8	6.3	0.0	0.0	25.1	340.3	0.8
95320U	3.0	0.0	92.6	0.0	0.0	0.0	3.8	99.4	0.0
	501.7	6.0	2,382.7	109.9	0.0	0.0	162.3	3,162.6	9.4
USFS									
95320Q	46.5	0.9	12.6	5.6	2.5	0.0	7.8	75.9	1.3
	548.2	6.9	2,395.3	115.5	2.5	0.0	170.1	3,238.5	10.7
Total FFY 95 Budget	687.9	8.3	3,355.5	126.6	20.3	0.0	213.6	4,412.2	17.3

Project 95100
Administration, Public Information and Scientific Management
Draft FFY 95 Budget Summary by Agency

DRAFT

Sub-Project	Personal Services	Travel	Contractual	Commodities	Equipment	Capital Outlay	General Admin.	FY 95 Total	FTEs
Chief Scientist and Peer Review									
ADNR	6.5	1.4	450.0	0.0	0.0	0.0	22.5	480.4	0.1
Subtotal	6.5	1.4	450.0	0.0	0.0	0.0	22.5	480.4	0.1
Executive Director's Office									
ADEC	0.0	0.0	67.3	9.7	8.0	0.0	4.7	89.7	0.0
ADF&G	260.4	25.6	0.0	0.0	0.0	0.0	16.6	302.6	3.0
NOAA	0.0	0.0	72.5	0.0	0.0	0.0	5.1	77.6	0.0
Subtotal	260.4	25.6	139.8	9.7	8.0	0.0	26.4	469.9	3.0
Operations									
ADEC	85.0	12.0	426.1	34.7	20.0	0.0	33.8	611.6	1.0
ADF&G	634.9	92.4	0.0	0.0	0.0	0.0	95.2	822.5	8.5
ADNR	0.0	0.0	24.0	0.0	0.0	0.0	1.7	25.7	0.0
Subtotal	719.9	104.4	450.1	34.7	20.0	0.0	130.7	1,459.8	9.5
Public Advisory Group									
ADEC	0.0	0.0	28.0	0.0	0.0	0.0	2.0	30.0	0.0
ADF&G	46.1	63.5	0.0	0.0	0.0	0.0	6.9	116.5	1.0
DOI	6.0	0.0	0.0	0.0	0.0	0.0	0.9	6.9	0.1
Subtotal	52.1	63.5	28.0	0.0	0.0	0.0	9.8	153.4	1.1
Restoration Work Force									
ADEC	139.5	18.0	17.9	6.2	2.5	0.0	22.2	206.3	1.5
ADF&G	150.0	0.0	0.0	0.0	0.0	0.0	22.5	172.5	1.7
ADNR	132.8	4.5	20.4	7.8	0.0	0.0	21.3	186.8	1.6
DOA-FS	118.0	9.3	0.0	5.0	0.0	0.0	17.7	150.0	2.0
DOI	111.8	17.1	2.3	2.0	0.0	0.0	16.9	150.1	1.5
NOAA	120.0	25.0	0.0	5.0	0.0	0.0	18.0	168.0	1.3
Subtotal	772.1	73.9	40.6	26.0	2.5	0.0	118.6	1,033.7	9.6
Total	1,811.0	268.8	1,108.5	70.4	30.5	0.0	308.0	3,597.2	23.3

DRAFT

FY 95 Project Interim Budget Request
Revised Executive Director Recommendations

		INTERIM FUNDS REQUESTED	*ANALYSIS FUNDS REQUESTED*	*REMAINING FUNDS REQUESTED*	*TOTAL FUNDS REQUESTED*	***Executive Director Recommendation***
Category 1						
95007A	ADNR		191.7	194.3	386.0	Fund
95007B	USFS		32.2	83.8	116.0	Fund for completion
95024	ADFG	53.3		131.0	131.0	Do not fund at this time. New project.
95039	DOI		30.5	123.7	154.2	Fund for completion
95041	DOI		20.4	46.1	66.5	Fund for completion
95064	ADFG		114.7	232.4	347.1	Fund for completion
95069	ADFG	14.6		360.4	360.4	Do not fund at this time. New project.
95074	NOAA		148.8	258.3	407.1	Fund for completion
95086C	ADFG		327.3	576.9	904.2	Fund with understanding that these are high cost projects and future funding should be dependent on further review and integrated with other intertidal work.
95089	ADFG	304.8		285.9	590.7	Fund. OSPIC portion only at this time.
95090	NOAA		160.4	278.4	438.8	Fund
95100	ALL	3,596.9		0.0	3,596.9	Fund, approximately $35.0 increase included for PAG Transfer Restoration Specialist ($42.5) position to Operations - DEC . Transfer $12.0 travel from Operations - ADFG to Operations - DEC
95126	ADNR	626.2		473.3	1,099.5	Fund. Additional funding for FY 95 to be determined
95131	ADFG	82.5		362.5	445.0	Hold for consideration with '95 Work Plan and rewrite as a pilot project
95137	ADFG		55.8	221.7	277.5	Fund
95163	NOAA		194.8	1,135.7	1,330.5	Fund, conditioned upon approval of a cooperative working agreement between agencies involved with this project and Project 95320N/Nearshore Fish. (This figure reflects inclusion of $21.6 for NOAA)
95166	ADFG	17.8	220.8	274.2	512.8	Fund
95173	DOI		55.1	353.7	408.8	Fund
95191A	ADFG		68.4	196.6	265.0	Fund
95191B	NOAA	45.0	120.4	165.6	331.0	Fund
95244	ADFG	4.0	48.6	41.3	93.9	Fund
95255	ADFG	29.3	343.1	272.6	645.0	Fund. Review and discussion of entire Kenai River Sockeye salmon restoration effort in mid-October.
95258	ADFG	140.2	344.9	513.0	998.1	Fund. Review and discussion of entire Kenai River Sockeye salmon restoration effort in mid-October.
95290	NOAA		91.9	71.5	163.4	Fund

DRAFT

FY 95 Project Interim Budget Request
Revised Executive Director Recommendations

		INTERIM FUNDS REQUESTED	*ANALYSIS FUNDS REQUESTED*	*REMAINING FUNDS REQUESTED*	*TOTAL FUNDS REQUESTED*	*Executive Director Recommendation*
95320A	ADFG		48.7	219.1	267.8	Fund
95320E	ADFG	16.0	98.0	829.1	927.1	Fund, except for acquisition of skiff and motor ($16.0).
95320G	ADFG	70.7	17.8	150.8	168.6	Fund
95320H	ADFG	51.9		195.5	195.5	Fund
95320I(2)	ADFG	30.0		49.4	49.4	Fund, any project involving stable isotopes should be aware of possible RFP for FY 95 stable isotope work.
95320J	ADFG	265.7		570.5	836.2	Fund. Transfer Rosentiel contract ($80.3) to Remaining Funds Requested column.
95320M	ADFG	138.7		439.1	577.8	Fund
95320N	ADFG	413.1		222.1	635.2	Fund contingent on Executive Director approval of cooperative working agreement of this project, Project 95163 and any other Nearshore or Forage Fish project.
95320Q	USFS	23.1		75.9	99.0	Fund
95424	ALL	12,000.0		0.0	12,000.0	Do not fund at this time
95427	ADFG		17.3	209.6	226.9	Fund. Includes recommendation for methodology for future Harlequin duck recovery monitoring
Category 2						
95279	ADFG	14.2	66.9	129.5	210.6	Fund
95320D	ADFG		56.5	170.5	227.0	Fund
95266	ADEC		97.9	1,313.2	1,411.1	Fund
Category 5						
95102-CLO	DOI		63.8	0.0	63.8	Fund
95110-CLO	ADNR		144.0	0.0	144.0	Fund. Closeout of small parcel. Includes $84.0 carryforward of anticipated FY 94 lapsed funds. Request reauthorization of these funds plus $60.0.
95139B	USFS	5.2		0.0	5.2	Fund
95199	ADF&G	46.5		0.0	46.5	Fund
95285-CLO	NOAA		121.0	0.0	121.0	Fund
95422-CLO	USFS		20.0	0.0	20.0	Fund
95428-CLO	ADFG	26.4	71.5	2.0	99.9	Fund. Portion of funding is lapsed funds and request reauthorization
Category 3						
95139D	ADFG	7.9		53.7	61.6	Defer decision to October. These are new projects

FY 95 Project Interim Budget Request
Revised Executive Director Recommendations

DRAFT

		INTERIM FUNDS REQUESTED	*ANALYSIS FUNDS REQUESTED*	*REMAINING FUNDS REQUESTED*	*TOTAL FUNDS REQUESTED*	*Executive Director Recommendation*
						for FY 95.
95259	ADFG	7.8	78.8	246.4	333.0	Fund. Full project will be subject to further sockeye
						review.
Category 4						
95320B	ADFG		84.3	0.0	84.3	Fund. J. Montague to have report written
95320C	ADFG		1.9	640.3	642.2	Fund
Category 6 - Carry Forward Funding						
95043B	USFS	134.8			134.8	Fund. Represents reauthorization of FY 94 funding
95139A	ADFG	90.0			90.0	Fund. Represents reauthorization of FY 94 funding
95139C	ADFG	170.1			170.1	Fund. Reauthorization of FY 94 funding. Detailed
						budget will be revised to reflect cooperative work
						effort on project involving both ADFG ($110.8) and
						USFS ($59.3)
95417	ADEC	232.2			232.2	Fund. Represents reauthorization of FY 94 funding
Total		18,658.9	3,558.2	12,169.6	34,150.2	
Summary of Executive Director Recommended Funding						
Interim			5,777.2			
Analysis			3,558.2			
Carry-Forward			627.1			
Total recommended funding			**9,962.5**			
	Note: All 95320 projects need policy clarification with respect to travel, travel rates, and tuition.					

DRAFT

FY 95 Project Interim Budget Request
Trustee Council Action
August 23, 1994

PROJECT NUMBER	PROJECT DESCRIPTION	AGENCY	INTERIM FUNDS REQUESTED	ANALYSIS FUNDS REQUESTED	REMAINING FUNDS REQUESTED	INTERIM FUNDS APPROVED	ANALYSIS FUNDS APPROVED	TOTAL APPROVED
Category 1								
95007A	Archaeological Site Restoration - Index Site Monitoring	ADNR		191.7	194.3		191.7	191.7
95007B	Site SEW-488 Archaeological Site Restoration	USFS		32.2	83.8		32.2	32.2
95024	Enhancement of PWS Pink Salmon Stocks	ADFG	53.3		131.0	0.0		0.0
95039	Common Murre Productivity Monitoring	DOI		30.5	123.7		30.5	30.5
95041	Introduced Predator Removal from Islands	DOI		20.4	46.1		20.4	20.4
95064	Monitoring, Habitat Use and Trophic Interactions of Harbor Seals in Prince William Sound	ADFG		114.7	232.4		114.7	114.7
95069	Restoration of Salmon Stocks of Special Importance to Native Cultures	ADFG	14.6		360.4	0.0		0.0
95074	Herring Reproductive Impairment	NOAA		148.8	258.3		148.8	148.8
95086C	Herring Bay Monitoring and Experimental Study	ADFG		327.3	576.9		327.3	327.3
95089	Information Management System	ADFG	304.8		285.9	304.8		304.8
95090	Mussel Bed Restoration and Monitoring	NOAA		160.4	278.4		160.4	160.4
95100	Administration, Public Information and Scientific Management	ALL	3,596.9		0.0	3,596.9		3,596.9
95126	Habitat Protection Acquisition Support	ADNR	626.2		473.3	626.2		626.2
95131	Nanwalek, Port Graham, Tatilek Clam Restoration	ADFG	82.5		362.5	0.0		0.0
95137	Prince William Sound Salmon Stock Identification and Monitoring Studies	ADFG		55.8	221.7		55.8	55.8
95163	Abundance Distribution of Forage Fish their Influence on Recovery of Injured Species	NOAA		194.8	1,135.7		194.8	194.8
95166	Herring Natal Habitats	ADFG	17.8	220.8	274.2	17.8	220.8	238.6
95173	Factors Affecting the Recovery of PWS Pigeon Guillemot Recoveries	DOI		55.1	353.7		55.1	55.1
95191A	Investigating and Monitoring Oil Related Egg and Alevin Mortalities	ADFG		68.4	196.6		68.4	68.4
95191B	Injury to Salmon Eggs and Pre-emergent Fry Incubated in Oil Gravel (Laboratory Study)	NOAA	45.0	120.4	165.6	45.0	120.4	165.4
95244	Seal and Sea Otter Cooperative Subsistence Harvest Assistance	ADFG	4.0	48.6	41.3	4.0	48.6	52.6
95255	Kenai River Sockeye Salmon Stocks	ADFG	29.3	343.1	272.6	29.3	343.1	372.4
95258	Sockeye Salmon Overescapement	ADFG	140.2	344.9	513.0	140.2	344.9	485.1
95290	Hydrocarbon Data Analysis, Interpretation, and Database Maintenance for Restoration and NRDA Environmental	NOAA		91.9	71.5		91.9	91.9

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FY 95 Project Interim Budget Request
Trustee Council Action
August 23, 1994

PROJECT NUMBER	PROJECT DESCRIPTION	AGENCY	INTERIM FUNDS REQUESTED	ANALYSIS FUNDS REQUESTED	REMAINING FUNDS REQUESTED	INTERIM FUNDS APPROVED	ANALYSIS FUNDS APPROVED	TOTAL APPROVED
95320A	Prince Salmon Growth and Mortality	ADFG		48.7	219.1		48.7	48.7
95320E	Juvenile Salmon and Herring Integration	ADFG	16.0	98.0	829.1	0.0	98.0	98.0
95320G	Phytoplankton and Nutrients	ADFG	12.8	75.7	150.8	12.8	75.7	88.5
95320H	Role of Zooplankton in the PWS Ecosystem	ADFG		51.9	195.5		51.9	51.9
95320I(2)	Isotope Tracers - Food Webs of Fish	ADFG	2.0	28.0	49.4	2.0	28.0	30.0
95320J	Information Systems and Model Development	ADFG	94.9	170.8	570.5	14.6	170.8	185.4
95320M	Observational Physical Oceanography in PWS and the Gulf of Alaska	ADFG	34.3	104.4	439.1	34.3	104.4	138.7
95320N	Nearshore Fish	ADFG	200.0	213.1	222.1	200.0	213.1	413.1
95320Q	Avian Predation on Herring Spawn	USFS	23.1		75.9	23.1		23.1
95424	Restoration Reserve	ALL	12,000.0		0.0	0.0		0.0
95427	Harlequin Duck Recovery Monitoring	ADFG		17.3	209.6		17.3	17.3
Category 2								
95279	Subsistence Foods Testing Project	ADFG	14.2	66.9	129.5	14.2	66.9	81.1
95320D	Prince William Sound Pink Salmon Genetics	ADFG		56.5	170.5		56.5	56.5
95266	Shoreline Restoration	ADEC		97.9	1,313.2		97.9	97.9
Category 5								
95102-CLO	Closeout: Murrelet Prey Foraging Habitat PWS	DOI		63.8	0.0		63.8	63.8
95110-CLO	Habitat Protection - Data Acquisition Support	ADNR		144.0	0.0		144.0	144.0
95139B	Salmon Instream Habitat Stock Restoration	USFS	5.2		0.0	5.2		5.2
95199	Institute of Marine Science and Seward Improvement	ADF&G	46.5		0.0	46.5		46.5
95285-CLO	Subtidal Sediment Recovery Monitoring	NOAA		121.0	0.0		121.0	121.0
95422-CLO	Restoration Plan Environmental Impact Statement	USFS		20.0	0.0		20.0	20.0
95428-CLO	Subsistence Restoration Planning and Implementation	ADFG	23.1	74.8	2.0	23.1	74.8	97.9
Category 3								
95139D	Salmon Instream Restoration: Pink Creek and Horse Marine Bypass	ADFG	7.9		53.7	0.0		0.0
95259	Restoration of Coghill Lake Sockeye Salmon Stocks	ADFG	7.8	78.8	246.4	7.8	78.8	86.6
Category 4								
95320B	Coded Wire Tag Recoveries from Pink Salmon Closeout	ADFG		84.3	0.0		84.3	84.3

FY 95 Project Interim Budget Request
Trustee Council Action
August 23, 1994

DRAFT

PROJECT NUMBER	PROJECT DESCRIPTION	AGENCY	INTERIM FUNDS REQUESTED	ANALYSIS FUNDS REQUESTED	REMAINING FUNDS REQUESTED	INTERIM FUNDS APPROVED	ANALYSIS FUNDS APPROVED	TOTAL APPROVED
95320C	Otolith Thermal Mass Marking of Hatchery Pink Salmon in PWS	ADFG		1.9	640.3		1.9	1.9
Category 6 - Carry Forward Funding								
95043B	Cutthroat Trout and Dolly Varden Rehabilitation in Western Prince William Sound	USFS	134.8			134.8		134.8
95139A	Salmon Instream Restoration: Little Waterfall Creek Barrier Bypass	ADFG	90.0			90.0		90.0
95139C	Small Instream Restoration: Lowe River	ADFG	170.1			170.1		170.1
95417	Waste Oil Disposal Facilities	ADEC	232.2			232.2		232.2
Total			18,029.5	4,187.6	12,169.6	5,774.9	4,187.6	9,962.5

Note (1): All 95320 projects need policy clarification with respect to travel, travel rates, and tuition.

Note (2): Funding for Projects 95163 and 95320N is contingent upon Executive Director approval of cooperative working agreement of these two projects and any other nearshore or forage fish project.

1995 EXXON VALDEZ TRUSTEE COUNCIL PROJECT BUDGET

October 1, 1994 - September 30, 1995

Project Description: Administration, Public Information and Scientific Management - This project provides for overall management, administration and implementation of the Trustee Council's restoration program. This project makes extensive use of existing Trustee Council agency structures to keep administrative costs to a minimum. The FFY 95 project represents the final step in reorganization of the administration of Trustee Council executive staff and operations.

Budget Category:	1994 Project No. 940ED Authorized FFY 94	'94 Report/ '95 Interim* FFY 95	Remaining Cost** FFY 95	Total FFY 95	FFY 96	Comment
Personnel	$1,960.0	$0.0	$1,811.0	$1,811.0	$1,811.0	This project has five sub-projects: Chief
Travel	$305.0	$0.0	$268.8	$268.8	$268.8	Scientist: Science Review Board and Peer
Contractual	$1,385.0	$0.0	$1,108.5	$1,108.5	$1,058.5	Review, Office of the Executive Director,
Commodities	$112.2	$0.0	$70.4	$70.4	$70.4	Operations, Public Advisory Group and
Equipment	$113.3	$0.0	$30.5	$30.5	$30.5	Community Involvement, and Restoration
Capital Outlay	$0.0	$0.0	$0.0	$0.0	$0.0	Work Force.
Subtotal	$3,875.5	$0.0	$3,289.2	$3,289.2	$3,239.2	
General Administration	$349.3	$0.0	$308.0	$308.0	$307.0	The proposed FFY 95 budget represents
Project Total	$4,224.8	$0.0	$3,597.2	$3,597.2	$3,546.2	a substantial reduction in costs relative to
						FFY 94 budget.
Full-time Equivalents (FTE)	26.0	0.0	23.3	23.3	23.3	
	Dollar amounts are shown in thousands of dollars.					

Budget Year Proposed Personnel: Position Description	Reprt/Intrm Months	Reprt/Intrm Cost	Remaining Months	Remaining Cost
See Individual 3A Forms for Personnel Details				
Personnel Total	0.0	$0.0	0.0	$0.0

NEPA Cost: $0.0

*Oct 1, 1994 - Dec 31, 1994

**Jan 1, 1995 - Sep 30, 1995

Project Number: 95100
Project Title: Administration, Public Information & Scientific Management
Agency: All

FORM 2A PROJECT DETAIL

1995 EXXON VALDEZ TRUSTEE COUNCIL PROJECT BUDGET

October 1, 1994 - September 30, 1995

Project Description: This sub-project provides the funding for staff support for key planning, coordination, communications, and project management functions of the Trustee Council. This budget also includes funds for public meetings, teleconferences, Trustee Council meetings, newsletters, brochures and other publications, as well as the operating costs for offices in the Simpson building in Anchorage.

Budget Category:	1994 Project No. 940ED Authorized FFY 94	'94 Report/ '95 Interim* FFY 95	Remaining Cost** FFY 95	Total FFY 95	FFY 96	Comment
Personnel	$478.3	$0.0	$719.9	$719.9	$719.9	
Travel	$82.7	$0.0	$104.4	$104.4	$104.4	
Contractual	$706.1	$0.0	$450.1	$450.1	$450.1	
Commodities	$69.6	$0.0	$34.7	$34.7	$34.7	
Equipment	$85.8	$0.0	$20.0	$20.0	$20.0	
Capital Outlay	$0.0	$0.0	$0.0	$0.0	$0.0	
Subtotal	$1,422.5	$0.0	$1,329.1	$1,329.1	$1,329.1	
General Administration	$110.9	$0.0	$130.7	$130.7	$130.7	
Project Total	$1,533.4	$0.0	$1,459.8	$1,459.8	$1,459.8	
Full-time Equivalents (FTE)	7.2	0.0	9.5	9.5	9.5	
	Dollar amounts are shown in thousands of dollars.					

Budget Year Proposed Personnel: Position Description	Reprt/Intrm Months	Reprt/Intrm Cost	Remaining Months	Remaining Cost
See individual sub-project 3A forms for personnel details				
Personnel Total	0.0	$0.0	0.0	$0.0

NEPA Cost: $0.0

*Oct 1, 1994 - Dec 31, 1994

**Jan 1, 1995 - Sep 30, 1995

Project Number: 95100
Project Title: Administration, Public Information and Science Management
Sub-Project: Operations
Agency: Operations Summary

FORM 3A SUB-PROJECT DETAIL

1995 EXXON VALDEZ TRUSTEE COUNCIL PROJECT BUDGET

October 1, 1994 - September 30, 1995

Project Description: This sub-project provides the funding for staff support for key planning, coordination, communications, and project management functions of the Trustee Council. This budget also includes funds for public meetings, teleconferences, Trustee Council meetings, newsletters, brochures and other publications, as well as the operating costs for offices in the Simpson building in Anchorage.

Budget Category:	1994 Project No. 940ED Authorized FFY 94	'94 Report/ '95 Interim* FFY 95	Remaining Cost** FFY 95	Total FFY 95	FFY 96	Comment
Personnel	$42.7	$0.0	$85.0	$85.0	$85.0	
Travel	$32.3	$0.0	$12.0	$12.0	$12.0	
Contractual	$414.1	$0.0	$426.1	$426.1	$426.1	
Commodities	$69.6	$0.0	$34.7	$34.7	$34.7	
Equipment	$85.8	$0.0	$20.0	$20.0	$20.0	
Capital Outlay	$0.0	$0.0	$0.0	$0.0	$0.0	
Subtotal	$644.5	$0.0	$577.8	$577.8	$577.8	
General Administration	$27.2	$0.0	$33.8	$33.8	$33.8	
Project Total	$671.7	$0.0	$611.6	$611.6	$611.6	
Full-time Equivalents (FTE)	0.6	0.0	1.0	1.0	1.0	
Dollar amounts are shown in thousands of dollars.						

Budget Year Proposed Personnel: Position Description	Reprt/Intrm Months	Reprt/Intrm Cost	Remaining Months	Remaining Cost
Restoration Specialist	0.0	$0.0	6.0	$42.5
Restoration Specialist	0.0	$0.0	6.0	$42.5
Personnel Total	0.0	$0.0	12.0	$85.0

NEPA Cost: $0.0

*Oct 1, 1994 - Dec 31, 1994

**Jan 1, 1995 - Sep 30, 1995

Project Number: 95100

Project Title: Administration, Public Information and Science Management

Sub-Project: Operations

Agency: AK Dept. of Env hmental Conservation

FORM 3A SUB-PROJECT DETAIL

1995 EXXON VALDEZ TRUSTEE COUNCIL PROJECT BUDGET

October 1, 1994 - September 30, 1995

	Reprt/Intrm	Remaining
Travel:		
Juneau to/from Anchorage and spill area communities ($450 air fare/trip + 3 days per diem @ $150/day -- 13 trips)		$12.0
Travel Total	$0.0	$12.0
Contractual:		
Central data management and support		$12.0
Postage, postage meter rental, courier, mail sorting and labelling		$19.0
Simpson building lease ($11,383/month) and parking		$148.0
Telecommunications		$60.0
Equipment maintenance agreements, equipment maintenance		$20.0
Meeting space rental for annual workshops		$30.0
Printing and design (newsletter, annual report, brochures)		$70.0
Trustee Council meeing costs (advertising, teleconferencing, transcribing)		$37.2
Public meeting costs		$2.0
Photo and video processing for annual report, workshop newsletter		$7.0
Training tuition and fees		$5.0
Aircraft charters to the spill area for public meetings		$5.0
Freight and cartage		$3.6
Miscellaneous advertising		$7.0
Subscriptions		0.3
Contractual Total	$0.0	$426.1

Project Number: 95100
Project Title: Administration, Public Information and Science Management
Sub-Project: Operations
Agency: AK Dept. of Env)hmental Conservation

FORM 3B SUB-PROJECT DETAIL

1995 EXXON VALDEZ TRUSTEE COUNCIL PROJECT BUDGET
October 1, 1994 - September 30, 1995

Commodities:	Reprt/Intrm	Remaining
Software and upgrades		$15.0
Expendable office supplies, ink packs, ribbons, paper products, and postage meter tapes		$12.7
Data processing supplies (disks, tapes, cables, connectors, printer cartridges, etc.)		$7.0
Commodities Total	$0.0	$34.7
Equipment:		
Computer 486/66 w/240M hard drive - 3@$2,900		$8.7
15" monitor - 3@ $800		$2.4
Computer repair parts (hard drives, floppy drives, boards, power supplies, etc.)		$8.9
Equipment Total	$0.0	$20.0

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Project Number: 95100
Project Title: Administration, Public Information and Science Management
Sub-Project: Operations
Agency: AK Dept. of Env hmental Conservation

FORM 3B
SUB-PROJECT DETAIL

1995 EXXON VALDEZ TRUSTEE COUNCIL PROJECT BUDGET

October 1, 1994 - September 30, 1995

Project Description: This sub-project provides the funding for staff support for key planning, coordination, communications, and project management functions of the Trustee Council. This budget also includes funds for public meetings, teleconferences, Trustee Council meetings, newsletters, brochures and other publications, as well as the operating costs for offices in the Simpson building in Anchorage.

Budget Category:	1994 Project No. 940ED Authorized FFY 94	'94 Report/ '95 Interim* FFY 95	Remaining Cost** FFY 95	Total FFY 95	FFY 96	Comment
Personnel	$410.1	$0.0	$634.9	$634.9	$634.9	
Travel	$36.0	$0.0	$92.4	$92.4	$92.4	
Contractual	$0.0	$0.0	$0.0	$0.0	$0.0	
Commodities	$0.0	$0.0	$0.0	$0.0	$0.0	
Equipment	$0.0	$0.0	$0.0	$0.0	$0.0	
Capital Outlay	$0.0	$0.0	$0.0	$0.0	$0.0	
Subtotal	$446.1	$0.0	$727.3	$727.3	$727.3	
General Administration	$61.5	$0.0	$95.2	$95.2	$95.2	
Project Total	$507.6	$0.0	$822.5	$822.5	$822.5	
Full-time Equivalents (FTE)	6.3	0.0	8.5	8.5	10.0	
Dollar amounts are shown in thousands of dollars.						

Budget Year Proposed Personnel: Position Description	Reprt/Intrm Months	Reprt/Intrm Cost	Remaining Months	Remaining Cost
Director of Operations	0.0	$0.0	12.0	$105.2
Project Coordinator	0.0	$0.0	12.0	$86.2
Information Management Specialist	0.0	$0.0	12.0	$86.2
Executive Secretary III	0.0	$0.0	12.0	$57.2
Administrative Assistant	0.0	$0.0	12.0	$57.2
Restoration Specialist	0.0	$0.0	12.0	$78.6
Restoration Specialist	0.0	$0.0	6.0	$42.5
(Continued next page)				
Personnel Total	0.0	$0.0	102.0	$634.9

NEPA Cost: $0.0

*Oct 1, 1994 - Dec 31, 1994

**Jan 1, 1995 - Sep 30, 1995

Project Number: 95100

Project Title: Administration, Public Information and Science Management

Sub-Project: Operations

Agency: AK Dept. of Fish & Game

FORM 3A SUB-PROJECT DETAIL

1995 EXXON VALDEZ TRUSTEE COUNCIL PROJECT BUDGET
October 1, 1994 - September 30, 1995

Budget Year Proposed Personnel: Position Description	Reprt/Intrm Months	Reprt/Intrm Cost	Remaining Months	Remaining Cost
(Continued from previous page)				
Information Specialist	0.0	$0.0	12.0	$60.9
Analyst Programmer	0.0	$0.0	12.0	$60.9

Travel:	Reprt/Intrm	Remaining
Anchorage to Juneau and spill area ($450 air fare/trip + 3 days per diem @ $150/day -- 31 trips		$27.9
Travel and per diem for staff training ($700 air fare/trip + 5 days per diem @ $150/day -- 3 trips		$4.5
Public meetings (travel to the spill affected area by staff to inform the public and gather input)		$15.0
Miscellaneous public outreach and workshop participation		$45.0
Travel Total	$0.0	$92.4

Contractual:		
Contractual Total	$0.0	$0.0

Project Number: 95100
Project Title: Administration, Public Information and Science Management
Sub-Project: Operations
Agency: AK Dept. of Fish & Game

FORM 3B
SUB-PROJECT DETAIL

1995 EXXON VALDEZ TRUSTEE COUNCIL PROJECT BUDGET
October 1, 1994 - September 30, 1995

Commodities:	Reprt/Intrm	Remaining
Commodities Total	$0.0	$0.0
Equipment:		
Equipment Total	$0.0	$0.0

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Project Number: 95100
Project Title: Administration, Public Information and Science Management
Sub-Project: Operations
Agency: AK Dept. of Fish & Game

FORM 3B
SUB-PROJECT DETAIL

1995 EXXON VALDEZ TRUSTEE COUNCIL PROJECT BUDGET

October 1, 1994 - September 30, 1995

Project Description: This sub-project provides the funding used to support staff who function as agency liaisons. These liaisons serve as overseers of work plan development and generally represent the Trustee Council members in matters related to implementation of the restoration program. Agencies also receive funding for project management in association with individual projects. Costs involved in this budget are salaries, benefits, travel, per diem, equipment and commodities.

Budget Category:	1994 Project No. 940ED Authorized FFY 94	'94 Report/ '95 Interim* FFY 95	Remaining Cost** FFY 95	Total FFY 95	FFY 96	Comment
Personnel	$1,197.1	$0.0	$772.1	$772.1	$772.1	
Travel	$142.0	$0.0	$73.9	$73.9	$73.9	
Contractual	$128.9	$0.0	$40.6	$40.6	$40.6	
Commodities	$31.7	$0.0	$26.0	$26.0	$26.0	
Equipment	$14.5	$0.0	$2.5	$2.5	$2.5	
Capital Outlay	$0.0	$0.0	$0.0	$0.0	$0.0	
Subtotal	$1,514.2	$0.0	$915.1	$915.1	$915.1	
General Administration	$188.6	$0.0	$118.6	$118.6	$118.6	
Project Total	$1,702.8	$0.0	$1,033.7	$1,033.7	$1,033.7	
Full-time Equivalents (FTE)	14.9	0.0	9.6	9.6	9.6	
	Dollar amounts are shown in thousands of dollars.					

Budget Year Proposed Personnel: Position Description	Reprt/Intrm Months	Reprt/Intrm Cost	Remaining Months	Remaining Cost
See individual sub-project 3A forms for personnel details				
Personnel Total	0.0	$0.0	0.0	$0.0

NEPA Cost: $0.0

*Oct 1, 1994 - Dec 31, 1994

**Jan 1, 1995 - Sep 30, 1995

Project Number: 95100

Project Title: Administration, Public Information and Science Management

Sub-Project: Restoration Work Force

Agency: Restoration Wor orce Summary

FORM 3A SUB-PROJECT DETAIL

1995 EXXON VALDEZ TRUSTEE COUNCIL PROJECT BUDGET

October 1, 1994 - September 30, 1995

Project Description: This sub-project provides the funding used to support staff who function as agency liaisons. These liaisons serve as overseers of work plan development and generally represent the Trustee Council members in matters related to implementation of the restoration program. Agencies also receive funding for project management in association with individual projects. Costs involved in this budget are salaries, benefits, travel, per diem, equipment and commodities.

Budget Category:	1994 Project No. 94OED Authorized FFY 94	'94 Report/ '95 Interim* FFY 95	Remaining Cost** FFY 95	Total FFY 95	FFY 96	Comment
Personnel	$213.1	$0.0	$139.5	$139.5	$139.5	
Travel	$39.9	$0.0	$18.0	$18.0	$18.0	
Contractual	$61.9	$0.0	$17.9	$17.9	$17.9	
Commodities	$11.7	$0.0	$6.2	$6.2	$6.2	
Equipment	$2.5	$0.0	$2.5	$2.5	$2.5	
Capital Outlay	$0.0	$0.0	$0.0	$0.0	$0.0	
Subtotal	$329.1	$0.0	$184.1	$184.1	$184.1	
General Administration	$36.3	$0.0	$22.2	$22.2	$22.2	
Project Total	$365.4	$0.0	$206.3	$206.3	$206.3	
Full-time Equivalents (FTE)	2.6	0.0	1.5	1.5	1.5	
Dollar amounts are shown in thousands of dollars.						

Budget Year Proposed Personnel: Position Description	Reprt/Intrm Months	Reprt/Intrm Cost	Remaining Months	Remaining Cost
Restoration Chief	0.0	$0.0	12.0	$97.0
Restoration Specialist	0.0	$0.0	6.0	$42.5
Personnel Total	0.0	$0.0	18.0	$139.5

NEPA Cost: $0.0

*Oct 1, 1994 - Dec 31, 1994

**Jan 1, 1995 - Sep 30, 1995

Project Number: 95100

Project Title: Administration, Public Information and Science Management

Sub-Project: Restoration Work Force

Agency: AK Dept. of Env mental Conservation

FORM 3A SUB-PROJECT DE IL

1995 EXXON VALDEZ TRUSTEE COUNCIL PROJECT BUDGET
October 1, 1994 - September 30, 1995

	Reprt/Intrm	Remaining
Travel:		
Juneau to/from Anchorage and spill area communities ($450 air fare/trip + 3 days per diem @ $150/day -- 20 trips)		$18.0
Travel Total	$0.0	$18.0
Contractual:		
Long distance telecommunications, postage, adn courier		$7.0
Aircraft charters to spill area		$0.6
Newspaper and periodical subscripions		$0.5
Printing and reproduction		$3.5
Photographic developing and printing		$0.1
Minor repair and maintenance		$1.4
Tuition and fees for seminars and training		$1.0
Risk management (mandatory insurance)		$3.0
Freight and cartage of equipment and supplies		$0.8
Contractual Total	$0.0	$17.9

Project Number: 95100
Project Title: Administration, Public Information and Science Management
Sub-Project: Restoration Work Force
Agency: AK Dept. of Env hmental Conservation

FORM 3B
SUB-PROJECT DETAIL

1995 EXXON VALDEZ TRUSTEE COUNCIL PROJECT BUDGET
October 1, 1994 - September 30, 1995

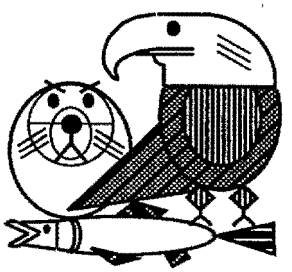
Commodities:	Reprt/Intrm	Remaining
Computer software and upgrades		$1.5
Consumable office supplies (paper, letterhead, pens, ink packs,toner cartridges, etc.)		$2.3
Data processing supplies (disks, tapes, cables, connecotrs, printer cartridges, etc.)		$1.4
Replacement parts and upgrades for equipment		$1.0
Commodities Total	$0.0	$6.2
Equipment:		
Data processing equipment repair parts		$1.5
Office equipment (chairs, cabinets, calculators, shelves, typewriters, etc.)		$1.0
Equipment Total	$0.0	$2.5

Project Number: 95100
Project Title: Administration, Public Information and Science Management
Sub-Project: Restoration Work Force
Agency: AK Dept. of En)nmental Conservation

FORM 3B
SUB-PROJECT DETAIL

Exxon Valdez Oil Spill Trustee Council

Restoration Office
645 G Street, Suite 401, Anchorage, Alaska 99501-3451
Phone: (907) 278-8012 Fax: (907) 276-7178



September 2, 1994

Bill Brighton
U.S. Department of Justice
Environmental & Natural Resources Division
1425 New York Avenue NW, Room 13073
Washington, D.C. 20005-2106

Dear Mr. Brighton:

Enclosed are copies of three documents: Draft Fiscal Year 1995 Work Plan - Summary, Supplement Volume I which contains brief project descriptions of all category 1 and 2 projects, and Supplement Volume II which contains brief project descriptions of all other project proposals, including category 4 - those with legal and/or policy concerns. (A complete listing of all projects, organized by project number, with basic information about project objectives, cost, category, etc., can be found as Appendix A of the Summary document.)

As you will note, these projects have received a preliminary review by myself and staff, including the Chief Scientist. I appreciated receiving your preliminary draft confidential letter and used this analysis to assist in categorizing some projects in July. However, in order to make a final recommendation to the Trustee Council, I need a final review by you and the other federal attorneys. Hopefully, this final review by the federal attorneys will be a document we can share with interested individuals and communities.

Please use the enclosed published project descriptions as the basis for your review. I would ask that you give particular attention to those in category 4 and provide a clear legal observation that reflects the collective wisdom of the federal attorneys involved. It would be most helpful if we had this analysis no later than October 1, 1994.

As you conduct your final review, please note that Project 95093 (PWSAC: Restoration of Pink Salmon Resources and Services) and Project 95266 (Shoreline Assessment and Oil Removal) both have substantially revised brief project descriptions. Also note that Supplement Volume II contains the BPD for Project 95141 (Afognak Island State Park Interim Support), a project which you may not have previously reviewed.

In addition, you will be receiving under separate cover no later than September 15 revised BPDs for the following projects:

95115 - Sound Waste Management Plan
95080 - Fleming Spit Recreation Area Enhancements
A number of the subsistence restoration projects

It is my understanding that Project 95199 is being reviewed separately.

Bill, thank you for your recent assistance. I look forward to working with you on this review. Please let me know if there is anything I or my staff can do to help with this.

Sincerely,

James R. Ayers

cc: Gina Belt, DOJ
Louise Milkman, DOJ
Kathy Chorostecki, NOAA
Maria Lisowski, USFS
Barry Roth, DOI
Alex Swiderski, ADOL

DRAFT

Attachment A

List of Projects That Have Been Revised

Project No.	Project Title		cat.
95007A	Archaeological Site Restoration - Index Site Monitoring	95007A and proposal intially submitted as 95007-CLO (closeout) were combined into a single project.	1
95007B	Archaeological Site Restoration	Further explanation added to BPD.	1
95019	Distribution and Abundance of Forage Fish as Indicated by Puffin Diet Sampling	Revisions to budget.	1
95021	Seasonal Movement and Pelagic Habitat Use by Common Murres from the Barren Islands	Revisions to budget.	2
95025A	Factors Affecting Recovery of Sea Ducks and Their Prey	Revised along with other parts of the nearshore vertebrate predator project package.	1
95025B	Sea Otter Abundance and Distribution, Food Habits and Population Assessment	Revised along with other parts of the nearshore vertebrate predator project package.	1
95025C	Pigeon Guillemots and River Otters as Bioindicators of Nearshore Ecosystem Health	Revised along with other parts of the nearshore vertebrate predator project package.	1
95025G	Relation of Clam Population Structure to Recovery of Injured Nearshore Vertebrate Predators	Revised along with other parts of the nearshore vertebrate predator project package.	3
95025H	Effects of Predatory Invertebrates on Nearshore Clam Populations in PWS	Revised along with other parts of the nearshore vertebrate predator project package.	1
95026	Hydrocarbon Monitoring: Integration of Microbial and Chemical Sediment Data	Modified methods, changed budget.	1
95027	Kodiak Shoreline Assessment: Monitoring Surface and Subsurface Oil	Modified methods, revised budget.	2
95039	Common Murre Productivity Monitoring	95039 and proposal intially submitted as 95039-CLO (closeout) were combined into a single project.	1
95041	Introduced Predator Removal from Islands - Follow-up Surveys	95041 and proposal intially submitted as 95041-CLO (closeout) were combined into a single project.	1
95075	Population Structure of Blue Mussels in Relation to Levels of Oiling and Densities of Vertebrate Predators	Revised along with other parts of the nearshore vertebrate predator project package.	2
95087	Relation of Sea Urchin Population Structure to Recovery of Injured Nearshore Vertebrate Predators	Revised along with other parts of the nearshore vertebrate predator project package.	1
95090	Mussel Bed Restoration and Monitoring in PWS and Gulf of Alaska	95090 and proposal intially submitted as 95090-CLO (closeout) were combined into a single project.	1

DRAFT

Attachment A

Project No.	Project Title		cat.
95093	PWSAC: Restoration of Pink Salmon Resources and Services	Substantial revisions to address wild stock restoration.	4
95102-CLO	Closeout: Murrelet Prey and Foraging Habitat in Prince William Sound	Revision regarding need for project.	5
95110-CLO	Closeout: Habitat Protection and Acquisition	Modified objectives.	5
95117-BAA	Harbor Seals and EVOS: Blubber and Lipids as Indices of Food Limitation	Substantial revisions.	1
95122	Mapping Potential Nesting Habitat of Marbled Murrelets in PWS Using Geographic Databases	Minor revision.	3
95126	Habitat Protection and Acquisition Support	Changes to methods and implementation sections.	1
95139B	Closeout: Otter Creek/Shrode Creek Instream Restoration	This closeout project was not included in the initial preliminary review binder.	5
95139C	Montague Riparian Rehabilitation	Minor revision.	2
95141	Afognak Island State Park Interim Support	This project was not included in the initial preliminary review binder.	4
95173	Factors Affecting Recovery of PWS Pigeon Guillemot Populations	95173 and proposal intially submitted as 95173-CLO (closeout) were combined into a single project.	1
95199-CLO	Institute of Marine Science - Seward Improvements EIS	This project was not included in the initial preliminary review binder.	5
95266	Shoreline Assessment and Oil Removal	Revised substantially to include an RFP for shoreline cleanup. Large change in budget.	2
95279	Subsistence Restoration Project	Revised to include NOAA analysis role.	2
95285-CLO	Closeout: Subtidal Sediment Recovery Monitoring	This BPD was not included in the initial preliminary review binder.	5
95320A	Salmon Growth and Mortality	Reduced budget.	1
95320E	Juvenile Salmon and Herring Integration	Reduced budget. Modified objectives.	1
95320G	Phytoplankton and Nutrients	Reduced budget. Modified objectives.	1
95320H	Role of Zooplankton in the PWS Ecosystem	Reduced budget. Modified methods.	1
95320J	Information Systems and Model Development	Budget revisions.	1

DRAFT

Attachment A

Project No.	Project Title		cat.
95320M	Observational Physical Oceanography in PWS and the Gulf of Alaska	Budget revisions.	1
95320N	Nearshore Fish	Budget revisions. BPD revised significantly.	1
95320T	Juvenile Herring Growth and Habitat Partitioning	Budget revisions. Objectives modified.	1
95320U	Somatic and Spawning Energetics of Herring and Pollock	Budget revisions.	1
95422-CLO	Closeout: Restoration Plan EIS/Record of Decision	Minor revisions.	5
95505B	Data Analysis for Stream Habitat	Minor revisions.	1

Attachment B

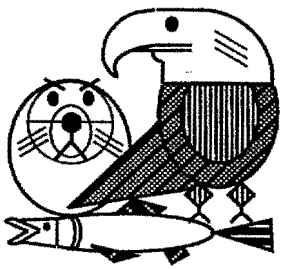
FY 95 Project Proposals with Changed Project Numbers

Old No.	Project Title	New No.	Cat.
95054	Montague Riparian Rehabilitation	**95139C**	2
95139	Otter Creek/Shrode Creek Reports	**95139B**	5
95139B	Spawning Channel- Port Dick	**95139A**	2
95139C	Pink Creek and Horse Marine	**95139D**	3

9/2/94

Exxon Valdez Oil Spill Trustee Council

Restoration Office
645 G Street, Suite 401, Anchorage, Alaska 99501-3451
Phone: (907) 278-8012 Fax: (907) 276-7178



September 2, 1994

To Whom It May Concern:

Please be advised that Alan Springer is traveling on behalf of the State of Alaska and the U.S. Government, and, in that capacity is entitled to receive government rates for airfare and accommodations.

He will be working on government business until October 30, 1994. Any questions relating to this matter should be directed to:

Executive Director
Exxon Valdez Oil Spill Restoration Office
645 G Street Suite 401
Anchorage AK 99501-3451
(907) 278-8012

Thank you for your cooperation.

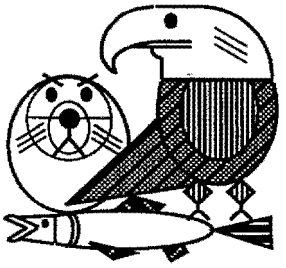
Sincerely,

James R. Ayers
Executive Director

jra/raw

Exxon Valdez Oil Spill Trustee Council

Restoration Office
645 G Street, Suite 401, Anchorage, Alaska 99501-3451
Phone: (907) 278-8012 Fax: (907) 276-7178



September 2, 1994

To Whom It May Concern:

Please be advised that Dr. Charles Peterson is traveling on behalf of the State of Alaska and the U.S. Government, and, in that capacity is entitled to receive government rates for airfare and accommodations.

He will be working on government business until October 30, 1994. Any questions relating to this matter should be directed to:

Executive Director
Exxon Valdez Oil Spill Restoration Office
645 G Street Suite 401
Anchorage AK 99501-3451
(907) 278-8012

Thank you for your cooperation.

Sincerely,

James R. Ayers
Executive Director

jra/raw

Exxon Valdez Oil Spill Trustee Council

Restoration Office
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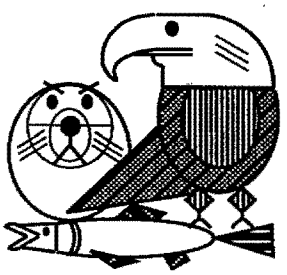
Phone: (907) 278-8012 Fax: (907) 276-7178



September 2, 1994

To Whom It May Concern:

Please be advised that Dr. Philip Mundy is traveling on behalf of the State of Alaska and the U.S. Government, and, in that capacity is entitled to receive government rates for airfare and accommodations.

He will be working on government business until October 30, 1994. Any questions relating to this matter should be directed to:

Executive Director
Exxon Valdez Oil Spill Restoration Office
645 G Street Suite 401
Anchorage AK 99501-3451
(907) 278-8012

Thank you for your cooperation.

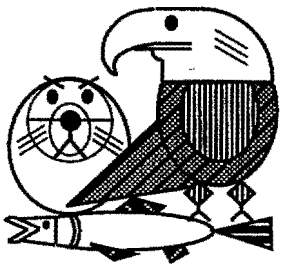
Sincerely,

James R. Ayers
Executive Director

jra/raw

Exxon Valdez Oil Spill Trustee Council

Restoration Office
645 G Street, Suite 401, Anchorage, Alaska 99501-3451
Phone: (907) 278-8012 Fax: (907) 276-7178



September 2, 1994

To Whom It May Concern:

Please be advised that Dr. William Pearcy is traveling on behalf of the State of Alaska and the U.S. Government, and, in that capacity is entitled to receive government rates for airfare and accommodations.

He will be working on government business until October 30, 1994. Any questions relating to this matter should be directed to:

Executive Director
Exxon Valdez Oil Spill Restoration Office
645 G Street Suite 401
Anchorage AK 99501-3451
(907) 278-8012

Thank you for your cooperation.

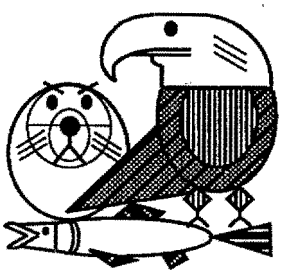
Sincerely,

James R. Ayers
Executive Director

jra/raw

Exxon Valdez Oil Spill Trustee Council

Restoration Office
645 G Street, Suite 401, Anchorage, Alaska 99501-3451
Phone: (907) 278-8012 Fax: (907) 276-7178



September 2, 1994

To Whom It May Concern:

Please be advised that Dr. George Rose is traveling on behalf of the State of Alaska and the U.S. Government, and, in that capacity is entitled to receive government rates for airfare and accommodations.

He will be working on government business until October 30, 1994. Any questions relating to this matter should be directed to:

Executive Director
Exxon Valdez Oil Spill Restoration Office
645 G Street Suite 401
Anchorage AK 99501-3451
(907) 278-8012

Thank you for your cooperation.

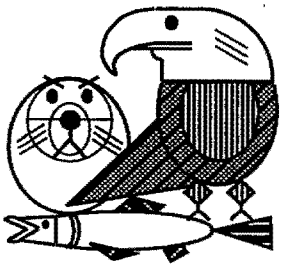
Sincerely,

James R. Ayers
Executive Director

jra/raw

Exxon Valdez Oil Spill Trustee Council

Restoration Office
645 G Street, Suite 401, Anchorage, Alaska 99501-3451
Phone: (907) 278-8012 Fax: (907) 276-7178



September 2, 1994

To Whom It May Concern:

Please be advised that Dr. Bernie May is traveling on behalf of the State of Alaska and the U.S. Government, and, in that capacity is entitled to receive government rates for airfare and accommodations.

He will be working on government business until October 30, 1994. Any questions relating to this matter should be directed to:

Executive Director
Exxon Valdez Oil Spill Restoration Office
645 G Street Suite 401
Anchorage AK 99501-3451
(907) 278-8012

Thank you for your cooperation.

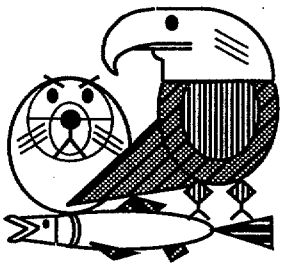
Sincerely,

James R. Ayers
Executive Director

jra/raw

Exxon Valdez Oil Spill Trustee Council

Restoration Office
645 G Street, Suite 401, Anchorage, Alaska 99501-3451
Phone: (907) 278-8012 Fax: (907) 276-7178



September 2, 1994

To Whom It May Concern:

Please be advised that Dr. Robert Spies is traveling on behalf of the State of Alaska and the U.S. Government, and, in that capacity is entitled to receive government rates for airfare and accommodations.

He will be working on government business until October 30, 1994. Any questions relating to this matter should be directed to:

Executive Director
Exxon Valdez Oil Spill Restoration Office
645 G Street Suite 401
Anchorage AK 99501-3451
(907) 278-8012

Thank you for your cooperation.

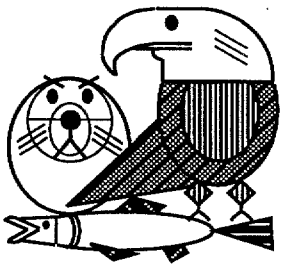
Sincerely,

James R. Ayers
Executive Director

jra/raw

Exxon Valdez Oil Spill Trustee Council

Restoration Office
645 G Street, Suite 401, Anchorage, Alaska 99501-3451
Phone: (907) 278-8012 Fax: (907) 276-7178



September 2, 1994

To Whom It May Concern:

Please be advised that Dr. Andrew Gunther is traveling on behalf of the State of Alaska and the U.S. Government, and, in that capacity is entitled to receive government rates for airfare and accommodations.

He will be working on government business until October 30, 1994. Any questions relating to this matter should be directed to:

Executive Director
Exxon Valdez Oil Spill Restoration Office
645 G Street Suite 401
Anchorage AK 99501-3451
(907) 278-8012

Thank you for your cooperation.

Sincerely,

James R. Ayers
Executive Director

jra/raw

APPLIED
marine
SCIENCES

DATE: 9/2/94

PAGES: 1

TO: Rebecca Williams, CACI

FAX #: ((907) 276-7178

FROM: Susanna L. Chase

FAX # (510) 373-7834

RE: Travel Letters

m-
ok.?
R. OK m.

Please issue Travel letters with an expiration date of **October 30, 1994** for the following Peer Reviewers. We will request letters on an as needed basis for the Peer Reviewers who will be traveling on Alaska DNR EVOS business. Send the letters directly to the reviewers, and a copy to our offices, as the first meeting begins September 12th.

Some of the reviewers listed below have Travel letters, but, the letters expire on September 30, 1994. We have meetings scheduled which require their participation through October.

Alan Springer FALCO 1708 Marmot Hill Road Fairbanks, AK 99709	(907)-479-8006
Dr. Charles Peterson Institute of Marine Science University of North Carolina, Chapel Hill Moorehead City, NC 28557	(919)726-6841 (919)726-2426 (fax)
Dr. Philip Mundy 1015 Sher Lane Lake Oswego, OR 97034-1744	(503) 636-6335 (fax) & (home)
Dr. William Pearcy Department of Oceanography Oregon State University Corvallis, OR 97331	(503) 737-2601
Dr. George Rose Dept. of Fish & Oceans, Science Branch P.O. Box 5667 St. Johns, New Foundland A1C 5X1	(709) 772-2997 (709) 772-4188 FAX
Dr. Bernie May Dept. of Natural Resources Fernow Hall Cornell University Ithaca, NY 14853	(607) 255-8231 (607) 255-2428 FAX
Dr. Robert Spies	send to AMS
Dr. Andrew Gunther	send to AMS

Exxon Valdez Oil Spill Trustee Council

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645 G Street, Suite 401, Anchorage, Alaska 99501-3451
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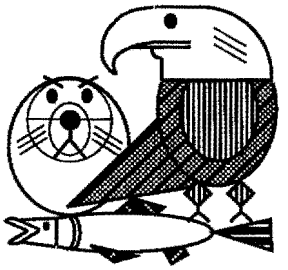


MEMORANDUM

To: Jim Ayers
Kim Sundberg
Leif Selkregg
Darryl Shaefermeyer
Alex Swiderski
Nancy Swanton
Barry Roth
Sandy Rabinowitch

From: Molly McCammon
Director of Operations

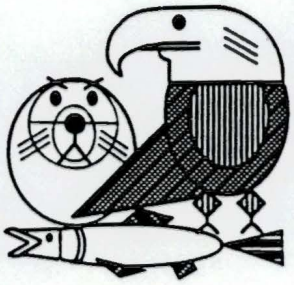
Date: September 2, 1994

Subj: Institute of Marine Science Meeting

There will be an Institute of Marine Science meeting (teleconference) on Tuesday, September 6 at 12:30 p.m. Please note the start time, it is slightly different from last week. Please call Rebecca Williams at the number above to confirm your attendance and phone number.

mm/raw

Exxon Valdez Oil Spill Trustee Council
Restoration Office
645 G Street, Suite 401, Anchorage, Alaska 99501-3451
Phone: (907) 278-8012 Fax: (907) 276-7178



FAX COVER SHEET

To: see distribution Number: _____

From: Molly McCammon Date: September 2

Comments: Total Pages: _____

Pls forward to the individuals in your qc that are listed below.

Jim Ayers
Kim Sundberg
Leif Selkregg
Darryl Shaefermeyer
Alex Swiderski
Nancy Swanton
Barry Roth
Sandy Rabinowitch

Kim Sundberg
Jim ✓
Molly
Leif ✓
Nancy Swanton ✓
Darryl Shaefermeyer ✓
Barry Roth ✓
Sandy R. ✓
Alex ✓

Document Sent By: Rebecca

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	Dan	2243597				
	nancy	2716507				
	Barry	2022083877				
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*** ACTIVITY REPORT ***
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TRANSMISSION OK

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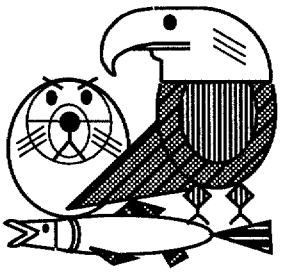


MEMORANDUM

To: Jim Ayers
Agency Liaisons

From: Molly McCammon
Director of Operations

Date: September 2, 1994

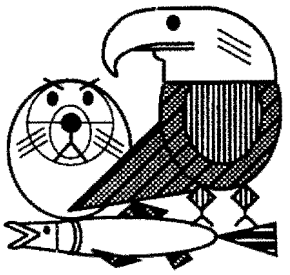
Subj: Science Workshop Planning Group Meeting

On Wednesday, September 7 at 1:30 p.m., the Science Workshop Planning Group will hold a teleconference to discuss the parameters for the January workshop. If you would like to participate please contact Rebecca Williams.

mm/raw

Exxon Valdez Oil Spill Trustee Council

Restoration Office
645 G Street, Suite 401, Anchorage, Alaska 99501-3451
Phone: (907) 278-8012 Fax: (907) 276-7178



FAX COVER SHEET

To: Jim Ayers Agency Liaisons Number: _____

From: Molly Date: September 2

Comments: Total Pages: _____

PLS forward to the individual in your ofc. listed below.

AGENCY LIAISON MEMBERS INCLUDE:

Ayers, Jim	Montague, Jerome
Brodersen, Mark	Morris, Byron
Gibbons, Dave	Rabinowitch, Sandy
Gilbert, Veronica	Spies, Bob

Document Sent By: Rebecca

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INCOMPLETE TX/RX

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	[13] 19077896608	MORRIS-WRIGHT
	[14] 2572510	S.RABINOWITCH
	[15] 5624871	C.FRIES

ERROR