13.08.01 – Reading File

December 2000

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

MEMORANDUM

TO: Bob Baldauf
Department of Interior

FROM: Molly McCammon
Executive Director

DATE: December 18, 2000

RE: Disbursement of Funds

Please disburse $342,800 from the Natural Resource Damage Assessment and Restoration fund to the U.S. Fish and Wildlife Service. The funds will be used to purchase the following small parcels.

Parcel Number	Purchase Price
KAP 2009	$16,000
KAP 2010	$16,000
KAP 2011	$18,000
KAP 2012	$9,000
KAP 2013	$18,000
KAP 2014	$19,000
KAP 2015	$12,000
KAP 2016	$18,000
KAP 2017	$18,000
KAP 2040	$11,000
KAP 2044	$22,800
KAP 2045	Included in KAP 2044
KAP 2048	$12,000
KAP 2049	$12,000
KAP 2050	$11,000
KAP 2052	$15,000
KAP 2053	$9,000
KAP 2054	$9,000
KAP 2055	$18,000
KAP 2056	$12,000
KAP 2057	$14,000
KAP 2058	$17,000
KAP 2059	$12,000
KAP 2064	$10,500
KAP 2065	$13,500

The court was notified of this disbursement on December 13, 2000.

Please disburse a total $1,010,400 per your schedule of disbursements to the USFS, Department of Interior, USGS, USFWS, and NOAA according to the designated amounts detailed in Second FY 2001 Court Notice.

The court was also notified of this disbursement on December 13, 2000.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

December 27, 2000

Dolly Reft
415 Erskine Ave.
Kodiak AK 99615

Dear Ms. Reft:

Thank you for your letters of December 14 and 21. Molly McCammon is out of the office and I am responding on her behalf.

A copy of the transcript from the December 4-5 Trustee Council meeting will be sent to you as soon as it is complete. Due to the holidays, that is expected some time in early January. In addition, Molly has asked the EVOS attorneys to prepare a summary of the legal questions concerning the Karluk IRA lands. That will be ready some time in early January also, and will be sent to you when we get it.

Regarding your questions about protection of subsistence and why habitat is an oil spill restoration activity, these are answered in detail in the enclosed documents:

Restoration Plan:
habitat – pages 22-24
subsistence – pages 54-55

Update on Injury:
subsistence – pages 25-27

2000 Status Report:
habitat – pages 20-21
subsistence – page 17.

I hope the materials are helpful.

Sincerely,

Paula Banks
Administrative Assistant II

Paula Banks

From: Molly McCammon [molly_mccammon@oilspill.state.ak.us]
Sent: Wednesday, December 13, 2000 12:46 PM
To: Carla B. Seibel
Cc: Sandra Schubert; Paula Banks
Subject: Bob and Mary Haeg

Importance: High

Hi Carla,

At the Council meeting last week a couple testified from Chinitna Bay about their concerns that all the marine resources around them seemed to be decreasing or disappearing. They were very concerned about unregulated use of air boats on nearby spawning streams. Frank made a note of it and told them he would follow-up.

This is just a reminder, plus their phone number and address:

Robert and Marianne Haeg
Chinitna Bay via
P.O. Box 338
Soldotna AK 99669-0338
907-398-1866 (a cell phone I believe)

Thanks. Molly

Molly McCammon
Executive Director
Exxon Valdez Oil Spill Trustee Council
645 G St., Suite 401
Anchorage, AK 99501
(907) 278-8012
molly_mccammon@oilspill.state.ak.us

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

MEMORANDUM

TO: Claudia Slater
ADF&G Liaison

FROM: Molly McCammon
Executive Director

RE: Authorization -- Project 01407
Harlequin Duck Population Dynamics

DATE: December 18, 2000

The purpose of this memorandum is to formally authorize work to proceed on Project 01407/Harlequin Duck Population Dynamics. The work must be performed consistent with the revised Detailed Project Description dated November 8, 2000 and the revised budget dated October 30, 2000.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

MEMORANDUM

TO: Claudia Slater
ADF&G Liaison

FROM: Molly McCammon
Executive Director

RE: Authorization -- Project 01340
Toward Long-Term Oceanographic Monitoring of the Gulf of Alaska Ecosystem

DATE: December 18, 2000

With recent receipt of a letter from Tom Weingartner describing the mooring deployment procedure for Project 01340/Toward Long-Term Oceanographic Monitoring of the Gulf of Alaska Ecosystem, this memo formally authorizes work to proceed on the project. The work must be performed consistent with the Detailed Project Description dated April 6, 2000 and the revised budget submitted June 30, 2000.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

MEMORANDUM

TO: Catherine Berg / DOI
Carol Fries / ADNR
Ken Holbrook / USFS
Celia Rozen / ADFG
Marianne See / ADEC
Bruce Wright / NOAA

FROM: Sandra Schubert
Program Coordinator

RE: Project Status -- Quarterly Update
DUE MONDAY, January 22, 2001

DATE: December 15, 2000

Please find attached Project Status Update Forms for the quarter ending December 31, 2000. The forms and the instructions for filling them out are the same as they were last quarter. The quarterly report is an opportunity for you to contact each PI to discuss project progress and to report your findings to the Restoration Office. If a PI has an overdue report, please work with the PI to determine when it will be submitted. If other project tasks have been delayed or canceled, please get an explanation from the PI. Also use the update forms to report any issues or other interesting events that have arisen with particular projects.

Also attached is a list of reports that are overdue. Your assistance in seeing that these reports are submitted would be appreciated.

Please return your completed update forms to me by Monday, January 22, 2001. Thank you for your cooperation.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

MEMORANDUM

TO: Catherine Berg / DOI
Carol Fries / ADNR
Ken Holbrook / USFS
Celia Rozen / ADFG
Marianne See / ADEC
Bruce Wright / NOAA

FROM: Sandra Schubert
Program Coordinator

RE: Project Status -- Quarterly Update
DUE MONDAY, January 22, 2001

DATE: December 15, 2000

Please find attached Project Status Update Forms for the quarter ending December 31, 2000. The forms and the instructions for filling them out are the same as they were last quarter. The quarterly report is an opportunity for you to contact each PI to discuss project progress and to report your findings to the Restoration Office. If a PI has an overdue report, please work with the PI to determine when it will be submitted. If other project tasks have been delayed or canceled, please get an explanation from the PI. Also use the update forms to report any issues or other interesting events that have arisen with particular projects.

Also attached is a list of reports that are overdue. Your assistance in seeing that these reports are submitted would be appreciated.

Please return your completed update forms to me by Monday, January 22, 2001. Thank you for your cooperation.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

MEMORANDUM

TO: Catherine Berg / DOI
Carol Fries / ADNR
Ken Holbrook / USFS
Celia Rozen / ADFG
Marianne See / ADEC
Bruce Wright / NOAA

FROM: Sandra Schubert
Program Coordinator

RE: Project Status -- Quarterly Update
DUE MONDAY, January 22, 2001

DATE: December 15, 2000

Please find attached Project Status Update Forms for the quarter ending December 31, 2000. The forms and the instructions for filling them out are the same as they were last quarter. The quarterly report is an opportunity for you to contact each PI to discuss project progress and to report your findings to the Restoration Office. If a PI has an overdue report, please work with the PI to determine when it will be submitted. If other project tasks have been delayed or canceled, please get an explanation from the PI. Also use the update forms to report any issues or other interesting events that have arisen with particular projects.

Also attached is a list of reports that are overdue. Your assistance in seeing that these reports are submitted would be appreciated.

Please return your completed update forms to me by Monday, January 22, 2001. Thank you for your cooperation.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

MEMORANDUM

TO: Catherine Berg / DOI
Carol Fries / ADNR
Ken Holbrook / USFS
Celia Rozen / ADFG
Marianne See / ADEC
Bruce Wright / NOAA

FROM: Sandra Schubert SSchubert
Program Coordinator

RE: Project Status -- Quarterly Update
DUE MONDAY, January 22, 2001

DATE: December 15, 2000

Please find attached Project Status Update Forms for the quarter ending December 31, 2000. The forms and the instructions for filling them out are the same as they were last quarter. The quarterly report is an opportunity for you to contact each PI to discuss project progress and to report your findings to the Restoration Office. If a PI has an overdue report, please work with the PI to determine when it will be submitted. If other project tasks have been delayed or canceled, please get an explanation from the PI. Also use the update forms to report any issues or other interesting events that have arisen with particular projects.

Also attached is a list of reports that are overdue. Your assistance in seeing that these reports are submitted would be appreciated.

Please return your completed update forms to me by Monday, January 22, 2001. Thank you for your cooperation.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

MEMORANDUM

TO: Catherine Berg / DOI
Carol Fries / ADNR
Ken Holbrook / USFS
Celia Rozen / ADFG
Marianne See / ADEC
Bruce Wright / NOAA

FROM: Sandra Schubert
Program Coordinator

RE: Project Status -- Quarterly Update
DUE MONDAY, January 22, 2001

DATE: December 15, 2000

Please find attached Project Status Update Forms for the quarter ending December 31, 2000. The forms and the instructions for filling them out are the same as they were last quarter. The quarterly report is an opportunity for you to contact each PI to discuss project progress and to report your findings to the Restoration Office. If a PI has an overdue report, please work with the PI to determine when it will be submitted. If other project tasks have been delayed or canceled, please get an explanation from the PI. Also use the update forms to report any issues or other interesting events that have arisen with particular projects.

Also attached is a list of reports that are overdue. Your assistance in seeing that these reports are submitted would be appreciated.

Please return your completed update forms to me by Monday, January 22, 2001. Thank you for your cooperation.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage. AK 99501-3451 907/278-8012 fax:907/276-7178

MEMORANDUM

TO: Catherine Berg / DOI
Carol Fries / ADNR
Ken Holbrook / USFS
Celia Rozen / ADFG
Marianne See / ADEC
Bruce Wright / NOAA

FROM: Sandra Schubert
Program Coordinator

RE: Project Status -- Quarterly Update
DUE MONDAY, January 22, 2001

DATE: December 15, 2000

Please find attached Project Status Update Forms for the quarter ending December 31, 2000. The forms and the instructions for filling them out are the same as they were last quarter. The quarterly report is an opportunity for you to contact each PI to discuss project progress and to report your findings to the Restoration Office. If a PI has an overdue report, please work with the PI to determine when it will be submitted. If other project tasks have been delayed or canceled, please get an explanation from the PI. Also use the update forms to report any issues or other interesting events that have arisen with particular projects.

Also attached is a list of reports that are overdue. Your assistance in seeing that these reports are submitted would be appreciated.

Please return your completed update forms to me by Monday, January 22, 2001. Thank you for your cooperation.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

MEMORANDUM

TO: Dave Gibbons
US Forest Service

FROM: Molly McCammon
Executive Director

DATE: December 13, 2000

SUBJ: Unobligated/Lapse Funds

With the transfer of the EVOS trust funds from the Court Registry Investment System to the new investment fund, we are making a concerted effort to clean up all the past years' books in order to maximize interest earnings. According to our records the Forest Service's unobligated/lapse funds are as follows:

	Unobligated/Lapse Funds
Pre-FY 97	$229,401
FY 97	232,208
FY 98	46,222
FY 99	109,963
Estimated Total	**$617,794**

Since the Forest Service will not be able to provide our office with a fourth quarter report for FY 00 due to internal reporting problems beyond your control, perhaps this would be a good time to work on determining the exact amount of funds to be lapsed? As you know these funds are not being invested at this time and could be earning interest if returned to the investment fund.

The Council's auditors would be available to help your agency with this project, if you would like. I hope you can make this a priority.

Please give me a call to discuss this further, Dave. Thanks for your help.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

Michael J. O'Leary, CFA
Executive Vice President
Callan Associates Inc.
550 East 8th Avenue
Denver, CO 80203

December 13, 2000

Dear Mike:

Thank you for the investment training you presented to our Trustee Council on December 5, 2000. I appreciate the time and information you gave to us and that you were able to include us in your schedule. Your presentation was excellent. I was also very glad to meet you because many people told me such good things about you.

I hope your holiday season is joyous.

Sincerely,

Molly McCammon
Executive Director

Cc: John Jenks

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

MEMORANDUM

TO: Bruce Wright
NOAA Liaison

FROM: Molly McCammon
Executive Director

RE: Authorization -- Project 01468 / FEATS: Fundamental Estimations of Acoustic Target Strength

DATE: December 14, 2000

The purpose of this memorandum is to formally authorize work to proceed on Project 01468/FEATS: Fundamental Estimations of Acoustic Target Strength. The work must be performed consistent with the revised Detailed Project Description dated November 27, 2000 and the revised budget dated November 24, 2000.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

MEMORANDUM

TO: Bruce Wright
NOAA Liaison

FROM: Molly McCammon
Executive Director

RE: Authorization -- Project 01452-BAA: Assessing Prey and Competitor/Predators of Pink Salmon Fry

DATE: December 14, 2000

The purpose of this memorandum is to formally authorize work to proceed on Project 01452-BAA: Assessing Prey and Competitor/Predators of Pink Salmon Fry. The work must be performed consistent with the revised Detailed Project Description dated October 10, 2000 and the revised budget submitted November 2000.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

MEMORANDUM

TO: Bruce Wright
NOAA Liaison

FROM: Molly McCammon
Executive Director

RE: Authorization -- Project 01393-BAA / Prince William Sound Food Webs: Structure and Change

DATE: December 14, 2000

The purpose of this memorandum is to formally authorize work to proceed on Project 01393-BAA/Prince William Sound Food Webs: Structure and Change. The work must be performed consistent with the Detailed Project Description dated April 12, 2000 and the revised budget submitted November 2000.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

MEMORANDUM

TO: Claudia Slater
ADF&G Liaison

FROM: Molly McCammon
Executive Director

RE: Authorization -- Project 01610
Kodiak Island Youth Area Watch

DATE: December 14, 2000

The purpose of this memorandum is to formally authorize work to proceed on Project 01610/Kodiak Island Youth Area Watch. The work must be performed consistent with the revised Detailed Project Description and budget submitted December 14, 2000.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401. Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

December 13, 2000

Sven Haankanson, Executive Director
Alutiiq Museum & Archaeological Repository
215 Mission Rd, Suite 101
Kodiak, AK 99615

Dear Mr. Haankanson:

Congratulations on the Alutiiq Museum and Archaeological Repository's recent honor as a recipient of the 2000 National Award for Museum Service from the Institute of Museum and Library Services and the National Museum Services Board. This is indeed a great honor for which you, your staff, and the board should be very proud.

The Trustee Council is pleased to have been a part of creating this facility.

Sincerely,

Molly McCammon
Executive Director

cgw

cc: Trustee Council

The Institute of Museum and Library Services &
The National Museum Services Board

Cordially invite you to a Reception in honor of
Recipients of the 2000 National Award for Museum Service

Albright-Knox Art Gallery
Alutiiq Museum and Archaeological Repository
Youth Museum of Southern West Virginia

at
The Russell Senate Office Building
The Russell Caucus Room # 325
Washington, DC
(Please use the visitor's entrance on Constitution Avenue)

Tuesday, December 19, 2000
6:30 – 8:30 pm

R.S.V.P. to Elizabeth Lyons (202) 606-4649
by Friday, December 15, 2000

Non-transferable

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

December 13, 2000

Jan Konigsberg
7511 Labrador Circle, Suite 100
Anchorage, AK 99502

Dear Mr. Konigsberg:

This letter is to inform you of the status of nominations by the *Exxon Valdez* Oil Spill Trustee Council for appointment to the Public Advisory Group (PAG). We appreciate your desire to serve on this body. A number of excellent applications and nominations for membership on the PAG were received, and not all could be selected. Although your name was not chosen as one of those that have been put forward for official appointment for this term, I encourage you to continue to stay involved in the restoration process and consider applying again in two years.

Thank you for your time and interest in the restoration effort.

Sincerely,

Molly McCammon
Executive Director

Sorry Jan. We just ended up with too many people and a desire to balance new members with continuing ones. I hope we can still work on you to help with GEM. Molly

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

December 13, 2000

Reggie Ward
Kodiak Area Native Association
3449 E Rezanof Drive
Kodiak, AK 99615

Dear Mr. Ward:

This letter is to inform you of the status of nominations by the *Exxon Valdez* Oil Spill Trustee Council for appointment to the Public Advisory Group (PAG). We appreciate your desire to serve on this body. A number of excellent applications and nominations for membership on the PAG were received, and not all could be selected. Although your name was not chosen as one of those that have been put forward for official appointment for this term, I encourage you to continue to stay involved in the restoration process and consider applying again in two years.

Thank you for your time and interest in the restoration effort.

Sincerely,

Molly McCammon

Molly McCammon
Executive Director

Reggie, Thanks for applying. The Council had some concerns about having someone so new to the state on the PAG, especially representing Alaska Native subsistence users. Maybe you can try again after you've been here another year? Molly

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

December 13, 2000

Rupert Andrews
9416 Long Run Drive
Juneau, AK 99801

Dear Rupe:

I'll try to do this by phone, but just in case I don't reach you, I wanted to explain why the Trustee Council decided not to reappoint you to the Public Advisory Group. It was a tough decision, given that there were more candidates than available seats, with much discussion. What tipped the balance in the end was the desire to add new members and expand the constituency of the PAG, yet still have some continuity. Your seat in particular had a candidate from the Kenai River Sportfishing Association who could serve as an important participant as the Gulf Ecosystem Monitoring Program is developed throughout the Cook Inlet, Kodiak and Prince William Sound areas.

I wanted to assure you that the Trustee Council has always thought very highly of your participation in the PAG and appreciated your thoughtfulness of issues brought before you. I hope that you will continue to be involved in some way in our process. Perhaps we could have you as a PAG Emeritus?

I also learned from Cherri that you were recently hospitalized. I hope nothing too serious. Please take care of yourself, and all our best from the Restoration Office here.

Sincerely,

Molly

Molly McCammon
Executive Director

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

December 8, 2000

Julie Olson
Elgee, Rehfeld & Funk
9309 Glacier Highway, Suite B-200
Juneau, AK 99801

Dear Julie:

The 4th quarter report for FY 00 from Bob Baldauf (Department of Interior) that I sent you was incorrect. I sent it to you prior to reviewing it. After I reviewed I discovered a couple of mistakes. They have been corrected on the enclosed, revised report. The corrections are:

- Project 00126 (USFWS) had an adjustment of $32,300 which changed the negative estimated lapse from -$34,950 to -$2,650.
- Project 00423 (USGS) had previously been detailed on two lines to show that money came from two different court requests. The second line amount of $14,100 was not included in the project lapse total. The project amounts have now been totaled on one line and change the negative estimated lapse from -$2,442 to $11,658.

If you have any questions, please call me.

Sincerely,

Debbie Hennigh

Debbie Hennigh
Special Assistant

EXXON VALDEZ OIL SPILL RESTORATION PROGRAM - DEPARTMENT OF THE INTERIOR

Status of Funds for FY 2000 - October 1, 1999 to September 30, 2000

FY 2000 CIVIL SETTLEMENT FUNDS			Authorized	Project +/-	Authorized	Cumulative Obligations	Cumulative Obligations	Cumulative Obligations	Cumulative Obligations	Cumulative Obligations	Cumulative Obligations	Change From	Unoblig. Balance		
Project # / Court Request	Project Title	genc	FY2000 Total, YTD	djustment Reprogram	FY 2000 Adjusted	Thru 12/31/99	Thru 3/31/00	Thru 6/30/00	Thru 9/30/00	Thru 12/31/00	Thru 3/31/00	Prior Rpt/Qtr	as of 9/30/00	Estimated Lapse	Explan Notes
FEDERAL/STATE OF ALASKA JOINT TRUST FUNDS															
FWS															
00007A-CLO #4	Archaeological Index Site Monitoring	FWS	11,900	0	11,900	0	2,459	5,306	7,614			2,308	4,286	4,286	
00100 #40	Restoration Office Liaison	FWS	22,950	0	22,950	5,088	7,602	20,095	20,292			197	2,658	2,658	
00126 #40	Habitat Protection Acquisition Support	FWS	72,400	32,300	104,700	4,320	35,471	62,504	107,350			44,846	-2,650	-2,650	8/
00144A #40	Common Murre Population Monitoring	FWS	15,400	0	15,400	0	8,120	5,929	13,667			7,738	1,733	1,733	
00159 #40	Surveys - Marine Bird Abundance in PWS	FWS	233,600	0	233,600	4,525	50,003	124,923	239,946			115,023	-6,346	-6,346	
00163B #40	APEX: Seabird Interactions	FWS	90,000	0	90,000	24,097	49,305	75,813	81,972			6,159	8,028	8,028	
00163E #40	APEX: Kittiwakes	FWS	92,000	0	92,000	24,633	49,596	73,892	92,120			18,228	-120	-120	
00163F #40	APEX: Guillemots	FWS	83,100	0	83,100	24,121	49,335	68,437	84,122			15,685	-1,022	-1,022	
00163J #40	APEX: Barren Islands Seabird Studies	FWS	73,800	0	73,800	0	6,631	26,789	71,018			44,229	2,782	2,782	
00163K #40	APEX: Large Fish as Samplers	FWS	17,600	0	17,600	0	1,911	8,810	18,198			9,388	-598	-598	
00163R #40	APEX: Marbled Murrelet Productivity	FWS	92,800	0	92,800	15,139	40,020	63,801	94,601			30,800	-1,801	-1,801	
00250 #40	Project Management - J. Irons	FWS	32,200	0	32,200	0	708	18,344	32,081			13,737	119	119	
00423 #40	Pattern/Processes Pop Change Vert Preds	FWS	0	6,100	6,100	0	0	2,513	4,940			2,427	1,160	1,160	
00501 #40	Protocols - Long-term Seabird Monitoring in G	FWS	18,100	0	18,100	0	0	5,363	17,898			12,535	202	202	
00530 #40	Lessons Learned: Eval'n Scientific Sampling -	FWS	3,800	0	3,800	0	2,682	2,760	2,970			210	830	830	
	Subtotal, FWS		**859,650**	**38,400**	**898,050**	**101,923**	**303,843**	**565,279**	**888,789**	**0**	**0**	**323,510**	**9,261**	**9,261**	
USGS															
00025-CLO #4	Impact/Recov-Nearshore Vertebrate Pred	USG	138,000	0	138,000	19,194	131,694	132,952	137,841			4,889	159	159	
00163L #40	APEX: Barren Islands Survey/Historical Data	USG	7,300	0	7,300	0	7,300	7,300	7,300			0	0	0	
00163M #40	APEX: Response of Seabirds to Forage Fish	USG	161,300	0	161,300	0	95,166	122,699	143,471			20,772	17,829	17,829	
0[redacted]CLO #4	Genetic Study-Murres/Guillemots/Murrelets	USG	17,900	0	17,900	0	17,900	17,900	17,900			0	0	0	
0[redacted] #40	Project Management - DD Bohn	USG	38,000	0	38,000	9,755	18,282	27,176	37,745			10,569	255	255	
00306 #40	Ecology/Demographics of Pac. Sand Lance	USG	18,700	0	18,700	0	0	18,700	18,700			0	0	0	
00327 #40	Pigeon G Restor Research-AK SeaLife Cntr	USG	161,100	0	161,100	0	161,100	161,100	161,100			0	0	0	
00338 #40	Survival - Murres/Kittiwakes	USG	53,200	0	53,200	1,908	25,748	37,976	51,274			13,298	1,926	1,926	
00391 #42	Cook Inlet Information Mangmt System	USG	34,400	0	34,400	0	2,437	10,944	34,632			23,688	-232	-232	
00423 #40/44	Pattern/Processes Pop Change Vert Preds	USG	150,800	-6,100	144,700	88	38,892	75,682	133,042			57,360	11,658	11,658	
00459 #40	Residual Oiling of Armored Beaches/Mussel B	USG	32,400	0	32,400	0	15	4,394	29,790			25,396	2,610	2,610	
00466 #40	Recovery Status of Barrow's Goldeneye	USG	13,000	0	13,000	0	10,689	10,689	12,988			2,299	12	12	
00478 #43	Test Satellite Tags	USG	74,300	0	74,300	0	0	0	61,962			61,962	12,338	12,338	
00479 #40	Effects of Food Stress on Surv and Repro	USG	117,000	0	117,000	0	102,401	114,766	117,000			2,234	0	0	
00501 #40	Protocols - Long-term Seabird Monitoring in G	USG	19,400	0	19,400	0	0	19,400	19,400			0	0	0	
00530 #40	Lessons Learned: Eval'n Scientific Sampling -	USG	2,700	0	2,700	0	0	2,108	2,108			0	592	592	

00599 #42	Evaluation Yakataga Oil Seeps	USG	19,600	0	19,600	0	503	2,809	19,113			16,304	487	487	
00605 #40	Informat'n Transfer to Resource Mgrs/Stakeh/	USG	6,000	-6,000	0	0	0	6,000	0			-6,000	0	0	5/
From above proje	General Administration	USG	94,600	-900	93,700	0	29,045	85,669	90,721			5,052	2,979	2,979	5/
	Subtotal, USGS	**USG**	**1,159,700**	**-13,000**	**1,146,700**	**30,945**	**641,172**	**858,264**	**1,096,087**	**0**	**0**	**237,823**	**50,613**	**50,613**	
NPS															
00100 #40	Restoration Office Liaison	NPS	9,150	0	9,150	1,009	2,870	5,261	6,216			955	2,934	2,934	
00126 #40	Habitat Protection Acquisition Support	NPS	7,100	0	7,100	0	250	250	7,100			6,850	0	0	
00530 #40	Lessons Learned: Eval'n Scientific Sampling -	NPS	1,300	0	1,300	0	0	0	0			0	1,300	1,300	
	Subtotal, NPS	**NPS**	**17,550**	**0**	**17,550**	**1,009**	**3,120**	**5,511**	**13,316**	**0**	**0**	**7,805**	**4,234**	**4,234**	

FY 2000	**CIVIL SETTLEMENT FUNDS**					**Cumulative**	**Cumulative**	**Cumulative**	**Cumulative**	**Cumulative**	**Cumulative**	**Change**	**Unoblig.**		
			Authorized	**Project +/-**	**Authorized**	**Obligations**	**Obligations**	**Obligations**	**Obligations**	**Obligations**	**Obligations**	**From**	**Balance**		
Project #			**FY2000**	**djustment**	**FY 2000**	**Thru**	**Thru**	**Thru**	**Thru**	**Thru**	**Thru**	**Prior**	**as of**	**Estimated**	**Explan**
Court Request	**Project Title**	**genc**	**Total, YTD**	**Reprogram**	**Adjusted**	**12/31/99**	**3/31/00**	**6/30/00**	**9/30/00**	**12/31/00**	**3/31/00**	**Rpt/Qtr**	**9/30/00**	**Lapse**	**Notes**
FEDERAL/STATE OF ALASKA JOINT TRUST FUNDS															
BLM															
00100 #40	OSPIC Merger with ARLIS	BLM	48,200	0	48,200	12,000	12,000	33,000	48,000			15,000	200	200	
	Subtotal, BLM	**BLM**	**48,200**	**0**	**48,200**	**12,000**	**12,000**	**33,000**	**48,000**	**0**	**0**	**15,000**	**200**	**200**	
SOL															
[redacted] #40	Habitat Protection Acquisition Support	SOL	5,000	0	5,000	0	1,670	2,857	4,983			2,126	17	17	
[redacted]EMX08]	**Subtotal, SOL**	**SOL**	**5,000**	**0**	**5,000**	**0**	**1,670**	**2,857**	**4,983**	**0**	**0**	**2,126**	**17**	**17**	
SEC															
00100 #40	Admin, Public Info and Scientific Mngmt														
	[Heiman: 1030EMX01]; [Baldauf: 6021EMX09];														
	[Mutter: 6011EMX04]	SEC	29,900	0	29,900	7,000	11,296	20,000	26,900			6,900	3,000	3,000	6/
	Subtotal, SEC	**SEC**	**29,900**	**0**	**29,900**	**7,000**	**11,296**	**20,000**	**26,900**	**0**	**0**	**6,900**	**3,000**	**3,000**	
Subtotal, FY2000 Work Plan, Interior Dept.			**2,120,000**	**25,400**	**2,145,400**	**152,877**	**973,101**	**1,484,911**	**2,078,075**	**0**	**0**	**593,164**	**67,325**	**67,325**	
DOI LAND ACQUISITION SUMMARY:															

98126A #30	Carryover: English Bay Corp Large Parcel	NPS	414,430	0	414,430	0	0	0	0						7/
98126B #30	Carryover: AKI Large Parcel (money in field)	FWS	[57,760]	0	[57,760]	0	0	0	0	[Brackets = prior year funding, where money is in the field.]					3/
98126D #32	Carryover: Salamotof Small Parcel ($ in field)	FWS	[33,500]	0	[33,500]	0	[33,500]	[33,500]	[33,500]	[Brackets = prior year funding, where money is in the field.]					4/
00126A CN #3A	Kodiak Sm Parcels - D. Naumoff [9825-X127]	FWS	16,000	0	16,000	0	16,000	16,000	16,000						
00126A CN #3B	Kodiak Sm Parcels - C. Christensen [9825-X1	FWS	72,000	0	72,000	0	72,000	72,000	72,000						
00126B #43A	Kodiak S. Parcels - Conservation Fund [9825-	FWS	180,000	0	180,000	0	180,000	180,000	180,000						
00126B #43B	Kodiak S. Parcels - D. Easter [9825-X129]	FWS	18,000	0	18,000	0	18,000	18,000	18,000						
	Subtotal, DOI Land Acquisition		**700,430**	**0**	**700,430**	**0**	**286,000**	**286,000**	**286,000**			**0**	**0**	**0**	
TOTAL, DOI, FY 2000			**2,820,430**	**25,400**	**2,845,830**	**152,877**	**1,259,101**	**1,770,911**	**2,364,075**	**0**	**0**	**593,164**	**67,325**	**67,325**	

Financing Summary EVOS-TC-Approved FY 2000 Work Plan:		
•Department of the Interior, NPS EBC Carryover	**414,430**	
•Court request #40 - Department of the Interior - Net FY 2000 Funding	**1,967,000**	**1/ 2/**
•Court request #40 - USFS: $192.8K; NOAA: $2,700.0K - Net FY 2000 Funding	**2,892,800**	**1/ 2/**
•Court request #41 - USFS for EYAK [FY 1999: $14,096,850]	**0**	**1/ 2/**
•Court request #42 Interior - USGS	**61,200**	
•Court request #42 USFS: $7.2K and NOAA: $17.1K	**24,300**	
•Joint Notice #3 FWS Small Pacels, Kodiak KAP 126 & KAP 1090	**88,000**	
•Court request #43 USFS: $150,254; FWS: $198,000 (land acq) and USGS: $77,000	**425,254**	
•Court request #44 NOAA: $99,300 and USGS: $14,800	**114,100**	
•Court request #45: USFS: $5 million for Eyak; FWS: $32.3K for Land acq. Support.	**5,032,300**	
•EVOS - Hennigh fax dated 8/4/00: FWS: 32,300 for land acquisition spt. Se #45 above.	**[32,300]**	
Total Federal Financing	**11,019,384**	

CFP of 9/29/0	11,019,384
Check	
Diff	0

1/ Court Request #40 provided annual funding for EVOS projects.
Court Disbursement #40: $4,951,500; FY 2000 Work Plan: $4,859,800; FY 1999 Work plan: $91,700.
FY 1999: Net adjustment for changes previously referenced by EVOS TC Memoranda. Net: DOI: $96,900; USFS: -$5,200.
2/ There are no FY 1999 projects that are capitalized, authorized for carry over from FY99 into FY00. No work is authorized on FY99 projects in FY 2000. The capitalization (carryover) rule does not apply to land acquisitions.
3/ Prior Year funds already in field; expect closing Fall 2000.
4/ Prior z Year funds in field; closed/obligated.
5/ $6,900 transferred from USGS to ADF&G: $6K direct; $.9K indirect.
6/ 9/30/00 Total Obligations: Trustee Travel: $0; PAG: $6,900; and Budget Officer: $24,625 (to be adjusted to $20,000).
7/ Being held in NRDAR for 3rd closing, estimated to be 11/2001.
8/ Court Req #45, dated August 28,2000, added $32,300 to FWS project 00126. Funding comes from NRDAR Fund unobligated balances.

NOTE. 9/30/00 OBLIGATIONS ARE PRELIMINARY FINALS. ADJUSTMENTS ARE LIKELY OVER THE NEXT TWO QUARTERS.

Rev 12/7/2000

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

December 08, 2000

Kathryn J. Frost
ADF&G Division of Wildlife Conservation
1300 College Rd.
Fairbanks, AK 99701-1559

RE: Project 01064-CLO / Monitoring, Habitat Use, and Trophic Interactions of Harbor Seals in Prince William Sound

Dear Kathy:

The *Exxon Valdez* Oil Spill Trustee Council took action on additional projects for the Fiscal Year 2001 Work Plan on December 5, 2000. These were projects on which a decision had been deferred by the Council at its late summer meeting, pending review of results from the 2000 field season or availability of funds. I am pleased to inform you that the Council approved funding in the amount of $22,600 (including agency General Administration costs) for Project 01064/Monitoring, Habitat Use, and Trophic Interactions of Harbor Seals in Prince William Sound. A copy of the Council's action on your project is enclosed. Please note that this is expected to be the final year of Council contribution to this project.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. Once NEPA is documented, you will be authorized by the Executive Director to begin spending on your project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

Sandra Schubert for

Molly McCammon
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

SPREADSHEET B -- TRUSTEE COUNCIL'S ACTION ON DEFERRED PROJECTS / FY 01 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Approved	Deferred to Jan.	FY02 Estimate	Total FY01-02
01064-CLO	Monitoring, Habitat Use, and Trophic Interactions of Harbor Seals in Prince William Sound	K. Frost, ADFG	ADFG	Cont'd 7th yr. 7 yr. project	$22.6	$0.0	$0.0	$22.6

Project Abstract

This project will fund an additional year of data analysis and manuscript preparation for this multi-year study of harbor seals in Prince William Sound. FY 00 was to be the closeout year for this project. However, at the end of FY 00 some data will remain unanalyzed and unpublished. FY 01 funding will cover analysis and final write-up of (a) August 2000 harbor seal aerial surveys, (b) a comparison of 2000 counts with previous years (i.e., an updated analysis of population trend), (c) 1999 seal pup tagging data, and (d) integration of 1999 pup tagging data with other years and a synoptic analysis of movements and diving behavior of harbor seal pups in Prince William Sound.

Chief Scientist's Recommendation

This is a request for an additional closeout year for this project. The principle investigator has commitments to produce four manuscripts with FY 00 funding. Progress on manuscript preparation is satisfactory. Fund.

Trustee Council Action

Fund an additional closeout year for the Principal Investigator to prepare four additional manuscripts for submittal to the peer reviewed literature. In general, this project is helping to explain the decline in harbor seals in Prince William Sound and document recent trends. The project has found that the decline in harbor seal populations has slowed in recent years and the Prince William Sound harbor seal population may be stabilizing.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

December 08, 2000

David Cameron Duffy, PhD
Paumanok Solutions
102 Aikahi Lp
Kailua, HI 96734-1642

RE: Project 01163 / APEX: Alaska Predator Ecosystem Experiment in Prince William Sound and the Gulf of Alaska

Dear Dave:

The *Exxon Valdez* Oil Spill Trustee Council took action on additional projects for the Fiscal Year 2001 Work Plan on December 5, 2000. These were projects on which a decision had been deferred by the Council at its late summer meeting. I am pleased to inform you that the Council approved funding in the amount of $199,600 for Project 01163/APEX: Alaska Predator Ecosystem Experiment in Prince William Sound and the Gulf of Alaska contingent on submittal of the APEX final report. Funding includes $182,900 in direct project costs and $16,700 for NOAA's administrative costs. A copy of the Trustee Council action on your project is enclosed.

In addition to satisfying the condition specified above, before a project may begin the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. Once NEPA is documented and the above condition is met, you will be authorized by the Executive Director to begin spending on your project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

Projects approved for FY 01 are approved in the expectation that they will be funded to their completion. However, the Trustee Council will annually evaluate a project's future funding needs based on its progress or results to date, overall restoration needs, and restoration funding constraints. The future funding projection for your project is $20,000 for FY 02 (including agency administrative costs); this will be reviewed again next year.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

Sandra Schubert for

Molly McCammon
Executive Director

Enclosure

cc: Bruce Wright, NOAA Liaison

SPREADSHEET B -- TRUSTEE COUNCIL'S ACTION ON DEFERRED PROJECTS / FY 01 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Approved	Deferred to Jan.	FY02 Estimate	Total FY01-02
01163-CLO	Alaska Predator Ecosystem Experiment in Prince William Sound and the Gulf of Alaska (APEX)	D. Duffy/Paumanok Solutions, et al	NOAA	Cont'd 8th yr. 9 yr. project	$199.6	$0.0	$20.0	$219.6

Project Abstract

This project will fund a second closeout year for Project /163, which is using seabirds as probes of the trophic (foraging) environment of Prince William Sound and Cook Inlet, comparing their reproductive and foraging biologies, including diet. These measurements are being compared with hydroacoustic, aerial, and net sampling of fish to calibrate seabird performance with fish distribution and abundance. This will allow a determination of the extent to which food limits the recovery of seabirds from the oil spill. Historical data from a variety of sources is being used to detect shifts in forage fish abundance and to test hypotheses explaining such shifts. In FY 01, APEX results will be produced and published as scientific papers.

Chief Scientist's Recommendation

APEX was a major undertaking by the Trustee Council and publication of results is necessary to legitimize the effort in the broad scientific community. The revised Detailed Project Description indicates substantial progress toward achieving a synthesis of results from individual APEX subprojects. Although titles and numbers of manuscripts have changed over the last year, I am confident that the needed synthesis is on track and that the project overall remains very productive. Fund.

Trustee Council Action

Fund contingent on submittal of the APEX final report (which was due September 30, 2000). This project was deferred pending submittal and approval of a revised Detailed Project Description and budget that lay out a two-year plan (FY 01 and FY 02) for bringing the APEX project to completion; the revised documents have now been reviewed and approved. In addition, several of the manuscripts funded in FY 00 had not been submitted as planned. However, substantial progress has been made on many of these manuscripts and work is expected to continue on them in FY 01.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

December 08, 2000

Lowell H. Suring
Chugach National Forest
3301 C St., Suite 300
Anchorage, AK 99503

RE: Project 01339 / Prince William Sound Human Use and Wildlife Model

Dear Lowell:

The *Exxon Valdez* Oil Spill Trustee Council took action on additional projects for the Fiscal Year 2001 Work Plan on December 5, 2000. These were projects on which a decision had been deferred by the Council at its late summer meeting. Project 01339/Prince William Sound Human Use and Wildlife Model had been deferred pending submittal of the model and recommendations funded in prior years. Because the model and recommendations have not yet been submitted, the Council voted to not provide funds for the project in FY 01.

I appreciate your interest in the restoration program.

Sincerely,

Sandra Schubert for

Molly McCammon
Executive Director

Enclosure

cc: Ken Holbrook, USFS Liaison

SPREADSHEET B -- TRUSTEE COUNCIL'S ACTION ON DEFERRED PROJECTS / FY 01 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Approved	Deferred to Jan.	FY02 Estimate	Total FY01-02
01339	Prince William Sound Human Use and Wildlife Disturbance Model	L. Suring/USFS	USFS	Cont'd 4th yr. 4 yr. project	$0.0	$0.0	$0.0	$0.0

Project Abstract

This project will fund two manuscripts for publication in professional journals. One manuscript will describe the use of GIS techniques to describe current human-use patterns in western Prince William Sound and to model potential changes in those use patterns as a result of additional development. A second manuscript will document use of the GIS generated maps of present and projected human-use patterns and their incorporation with GIS maps of the distribution of injured resources, as a basis for identifying areas where there may be conflicts between human use and wildlife. Identification of potential areas of conflict has allowed development of recommended management practices that may eliminate or minimize the negative effects of increasing human use. All injured species are being addressed in a general approach but specific management recommendations will be provided for harbor seal, pigeon guillemot, and cutthroat trout.

Chief Scientist's Recommendation

This proposal is for publishing the results of this project as two journal papers and would inform a broad community about the work. Reconsider for FY 02 after final report has been completed and reviewed. Do not fund.

Trustee Council Action

Do not fund. This project was deferred pending submittal of model and recommendations, which were due December 31, 1999. Because the model and recommendations still have not been submitted, it is premature to provide funding for additional work at this time. In general, this project is developing and testing in western Prince William Sound a model for projecting future impacts of human use on resources injured by the oil spill. The FY 01 proposal was for preparation of two manuscripts for publication in the peer reviewed literature.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

December 08, 2000

Thomas C. Kline, Jr., Ph.D.
PWS Science Center
P.O. Box 705
Cordova, AK 99574

RE: Project 01393-BAA / Prince William Sound Food Webs: Structure and Change

Dear Tom:

The *Exxon Valdez* Oil Spill Trustee Council took action on additional projects for the Fiscal Year 2001 Work Plan on December 5, 2000. These were projects on which a decision had been deferred by the Council at its late summer meeting, pending review of results from the 2000 field season or availability of funds. I am pleased to inform you that the Council approved funding in the amount of $119,000 for Project 01393/Prince William Sound Food Webs: Structure and Change ($111,200 for PWSSC and $7,800 for NOAA's administrative costs). A copy of the Council's action on your project is enclosed. Please note that FY 01 is expected to be the final year of Council contribution to Project 01393.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. The lead agency must also execute a contract or Reimbursable Services Agreement with you. Once NEPA is documented and a contract is executed, you will receive authorization to begin the FY 01 project. If you have any questions about this, please contact the NOAA representative:

Bruce Wright
National Oceanic and Atmospheric Administration
11305 Glacier Highway, Auke Bay, Alaska 99821
Phone 907-789-6601/Fax 907-789-6608

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Bruce Wright, NOAA Liaison
Sharon Kent, NOAA Contracting

SPR)SHEET B -- TRUSTEE COUNCIL'S ACTIOI _ _N DEFERRED PROJECTS / FY 01 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Approved	Deferred to Jan.	FY02 Estimate	Total FY01-02
01393-BAA	Prince William Sound Food Webs: Structure and Change	T. Kline/PWSSC	NOAA	Cont'd 3rd yr. 3 yr. project	$119.0	$0.0	$0.0	$119.0

Project Abstract

Recent research has shown that the oceanographic conditions connecting the northern Gulf of Alaska with Prince William Sound may affect recruitment and nutritional processes in fishes. Accordingly, food webs are subject to changes in carbon flow occurring between the Gulf of Alaska and Prince William Sound. This project seeks to conduct retrospective analyses of Gulf of Alaska production shifts since the oil spill. These analyses will enable a better understanding of the ecological role of regime shift processes conjectured to be impeding the natural restoration of populations in Prince William Sound affected by the oil spill.

Chief Scientist's Recommendation

This is the third year of a three-year project to develop a retrospective assessment of carbon sources in the Prince William Sound food web by analyzing stable isotopes in layers of mussel shells. Data was also to be applied to continue validation of the Prince William Sound ECOPATH model (Project /330). The development of the ECOPATH model is complete, so this objective should not be funded for FY 01. Given that a significant amount of the shell data analysis is complete, the proposer should present his preliminary analysis to provide proof of concept. Fund contingent on satisfactory progress in obtaining project objectives in using carbon isotopes in mussel shells.

Trustee Council Action

Fund. This project was deferred pending FY 00 results and a reduced budget that eliminates the ECOPATH objective; results have been satisfactorily reviewed and the budget has been reduced as requested. This project is using carbon and nitrogen stable isotope ratios to confirm the relative trophic status of species within the Prince William Sound ecosystem. This method could be a valuable tool for the Trustee Council's long-term research and monitoring program (GEM, or Gulf Ecosystem Monitoring).

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

December 08, 2000

Lee Hulbert
NMFS Auke Bay Lab
11305 Glacier Hwy.
Juneau, AK 99801

RE: Project 01396 / Alaska Salmon Shark Assessment

Dear Lee:

The *Exxon Valdez* Oil Spill Trustee Council took action on additional projects for the Fiscal Year 2001 Work Plan on December 5, 2000. These were projects on which a decision had been deferred by the Council at its late summer meeting, pending review of results from the 2000 field season or availability of funds. I am pleased to inform you that the Council approved funding in the amount of $85,000 for Project 01396/Alaska Salmon Shark Assessment contingent on submitting a revised Detailed Project Description that addresses the Chief Scientist's recommendations, including adequate oversight of the project by the Auke Bay Lab, and a reduced budget for $85,000 (including agency administrative costs). A copy of the Chief Scientist's recommendations and the Trustee Council action on your project is enclosed. Please note that FY 01 is expected to be the final year of Council contribution to this project.

In addition to satisfying the conditions specified above, before a project may begin the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. Once NEPA is documented and the above conditions are met, you will be authorized by the Executive Director to begin spending on your project. If you have any questions, please contact the Trustee Council liaison for your agency.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

Sandra Schubert for

Molly McCammon
Executive Director

Enclosure

cc: Bruce Wright, NOAA Liaison

SPRL. ..SHEET B -- TRUSTEE COUNCIL'S ACTION ..:. DEFERRED PROJECTS / FY 01 WORK PL...

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Approved	Deferred to Jan.	FY02 Estimate	Total FY01-02
01396	Alaska Salmon Shark Assessment	L. Hulbert/NOAA	NOAA	Cont'd 2nd yr. 2 yr. project	$85.0	$0.0	$0.0	$85.0

Project Abstract

This project will perform an unbiased estimate of salmon shark abundance and consumption in Prince William Sound. FY 01 will focus on continued field sampling and analyses of salmon shark abundance and consumption from data collected in FY 00 with an emphasis on data collected from directed stratified random line transect sampling and from aerial survey counts from the Alaska Department of Fish and Game and U.S. Geological Survey. Satellite tags and data archival tags will be employed to describe salmon shark movements and migrations, and critical feeding areas and depths. This research will assess the role of a predominant shark species as an indicator of change in the dynamic ocean climate and trophic structures in Prince William Sound and the Gulf of Alaska. [NOTE: This project was originally proposed as a two-year project; a third year of funding (FY 02) is also now proposed.]

Chief Scientist's Recommendation

This project was funded based on a limited set of objectives for FY 00. The funding decision for FY 01 was to be based on successful review of progress in FY 00. Significant progress was made toward understanding salmon sharks and their role in the Prince William Sound ecosystem. It appears, however, that the project's goal of understanding total shark abundance in the sound may not be achieved due to the difficulty of counting sharks that are well below the surface. Effort in FY 01 should be directed toward: (a) determining a relative abundance index (long-line surveys may provide this index), (b) exploring use of sonic tags to estimate residence time of sharks in Prince William Sound, (c) estimating diet and consumption rates over the annual cycle), and (d) estimating the proportion of the population caught by a survey (i.e, "q" or catchability). Further, due to the potential importance of shark predation on marine mammal populations, newly available National Marine Fisheries Service funds for Steller sea lion biology are a potential source of matching funds for this project. Fund contingent on satisfying the above-listed recommendations.

Trustee Council Action

Fund contingent on submittal and approval of (a) a revised Detailed Project Description that addresses the Chief Scientist's recommendations and includes adequate oversight of the project by the Auke Bay Lab and (b) a budget that does not exceed $85,000. In addition, the proposer should seek funds from other sources for continuing this project in FY 02 and beyond. The numbers of sharks observed in Prince William Sound have been increasing in recent years.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

December 08, 2000

Jennifer L. Nielsen, Ph.D.
USGS Biological Resources Division
1011 E. Tudor Rd.
Anchorage, AK 99503

RE: Project 01404 / Archival Tags for Tracking King Salmon at Sea: Migrations, Biology, and Oceanographic Preferences in Prince William Sound

Dear Jennifer:

The *Exxon Valdez* Oil Spill Trustee Council took action on additional projects for the Fiscal Year 2001 Work Plan on December 5, 2000. These were projects on which a decision had been deferred by the Council at its late summer meeting, pending review of results from the 2000 field season or availability of funds. I am pleased to inform you that the Council approved funding in the amount of $75,000 (including agency administrative costs) for Project 01404/Archival Tags for Tracking King Salmon at Sea: Migrations, Biology, and Oceanographic Preferences in Prince William Sound contingent on submittal and approval of a revised budget for the approved amount. A copy of the Chief Scientist's recommendations and the Trustee Council action on your project is enclosed.

In addition to satisfying the condition specified above, before a project may begin the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. Once NEPA is documented and the above condition is met, you will be authorized by the Executive Director to begin spending on your project. If you have any questions, please contact the Trustee Council liaison for your agency.

Projects approved for FY 01 are approved in the expectation that they will be funded to their completion. If the Project 01404 pilot study is successfully carried out in FY 01, funding for a release experiment (roughly $100,000) may be considered by the Trustee Council in FY 02.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

Sandra Schubert for

Molly McCammon
Executive Director

Enclosure

cc: Dede Bohn, DOI-USGS Liaison

SPRE SHEET B -- TRUSTEE COUNCIL'S ACTION (DEFERRED PROJECTS / FY 01 WORK PLA

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Approved	Deferred to Jan.	FY02 Estimate	Total FY01-02
01404	Archival Tags for Tracking King Salmon at Sea: Migrations, Biology, and Oceanographic Preferences in Prince William Sound	J. Nielsen/USGS-BRD	DOI	New 1st yr. 2 yr. project	$75.0	$0.0		$75.0

Project Abstract

Archive tags with temperature and light-geolocation sensors will be monitored for post-smolt king salmon in Prince William Sound. Light/location relationships specific to the Gulf of Alaska developed under Project 00478 will be applied in this study of movement and migration paths for king salmon during maturation in ocean environments in the sound. Tagging chinook reared in the hatchery environment to the required size (150-300mm) will allow the efficiency and accuracy of this technology to be tested. FY 01 will include pilot studies of tag retention, behavior, and growth for chinook in captivity. These studies will take place at the Alaska Department of Fish and Game's chinook hatchery outside of Anchorage (Elmendorf Air Force Base). A release experiment in FY 02 will be contingent on the success of the retention study and incorporate timed release of chinook. Archive tagged fish will be used to document king salmon use of marine habitats, migration routes, contribution to the sport fishery, and hatchery/wild interactions for chinook.

Chief Scientist's Recommendation

This is an innovative proposal that could contribute to identification of ecologically sensitive areas in Prince William Sound. The goals are well specified and the data could provide a unique perspective on productivity in the sound. Furthermore, the technology, as applied to salmon, has great potential. The revised proposal provides for a pilot tag retention, behavior, and growth study in FY 01 (e.g., hatchery). A release experiment will be considered in FY 02 if the retention study is successful.

Trustee Council Action

Fund revised proposal, which reduces the project's scope to a pilot only as recommended by the Chief Scientist, contingent on submittal and approval of a budget for the approved amount. This project is designed to further test the development and application of archive tag technology, which has great promise for a variety of species. If the pilot study is successfully carried out in FY 01, funding for a release experiment (roughly $100,000) may be considered in FY 02.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

December 08, 2000

Dan Rosenberg
ADF&G, Division of Conservation
333 Raspberry Rd.
Anchorage, AK 99518-1565

RE: Project 01407 / Harlequin Duck Population Dynamics

Dear Dan:

The *Exxon Valdez* Oil Spill Trustee Council took action on additional projects for the Fiscal Year 2001 Work Plan on December 4, 2000. These were projects on which a decision had been deferred by the Council at its late summer meeting, pending review of results from the 2000 field season or availability of funds. I am pleased to inform you that the Council approved funding in the amount of $67,600 for Project 01407/Harlequin Duck Population Dynamics ($60,400 for direct project costs and $7,200 for ADF&G's administrative costs). A copy of the Council's action on your project is enclosed.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. Once NEPA is documented, you will be authorized by the Executive Director to begin spending on your project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

Projects approved for FY 01 are approved in the expectation that they will be funded to their completion. However, the Trustee Council will annually evaluate a project's future funding needs based on its progress or results to date, overall restoration needs, and restoration funding constraints. FY 02 is expected to be the final year of Council contribution to Project 01407 (funds for preparation of a final report, including power analysis).

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

Sandra Schubert for

Molly McCammon
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

SPREADSHEET B -- TRUSTEE COUNCIL'S ACTION ON DEFERRED PROJECTS / FY 01 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Approved	Deferred to Jan.	FY02 Estimate	Total FY01-02
01407	Harlequin Duck Population Dynamics	D. Rosenberg/ADFG	ADFG	Cont'd 2nd yr. 3 yr. project	$67.6	$0.0		$67.6

Project Abstract	Chief Scientist's Recommendation	Trustee Council Action
Harlequin duck populations have not recovered from the effects of the oil spill. Populations are declining in oiled areas of Prince William Sound while increasing in unoiled areas. This project will conduct late-winter boat surveys to assess the recovery of ducks inhabiting oiled areas. Population structure, abundance, and recruitment will be compared between oiled and unoiled areas in Prince William Sound to assess trends, population dynamics, and the progress of recovery. [NOTE: This project also requested funds ($75,000) for FY 02 and FY 03.]	This project is a valuable part of documenting injury and recovery in harlequin ducks. Harlequins appear to be susceptible to oil in nearshore environments and may be good indicators of the lingering effects of the spill. Another year of population survey data (FY 01) will enable a relatively robust long-term monitoring strategy to be designed. Fund.	Fund. This project was deferred pending completion of a power analysis; however, it has now been determined that an additional year of data collection is needed before a power analysis can be performed. FY 01 will be the final year of Trustee Council support for field work. FY 02 will be closeout funds only (preparation of final report, including power analysis). This project is intended to assess the recovery of harlequin duck populations inhabiting oiled areas. The harlequin duck is one of the species that is still not showing signs of recovery from the oil spill.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

December 08, 2000

Randall Davis, Ph.D.
TX A&M University at Galveston, Marine Biology
5007 Avenue U
Galveston, TX 77553

RE: Project 01441-CLO / Harbor Seal Recovery: Effects of Diet on Lipid Metabolism and Health

Dear Randall:

The *Exxon Valdez* Oil Spill Trustee Council took action on additional projects for the Fiscal Year 2001 Work Plan on December 5, 2000. These were projects on which a decision had been deferred by the Council at its late summer meeting, pending review of results from the 2000 field season or availability of funds. The availability of funds applied primarily to new projects, or new components of projects, such as yours. It served to identify those projects the Council would like to support if funds became available through a decision, following review of 2000 results of ongoing projects, to not continue an otherwise continuing project.

As it turns out, Trustee Council funds are not available to provide additional support for Project 01441/Harbor Seal Recovery: Effects of Diet on Lipid Metabolism and Health for FY 01. The Council set a cap of $6 million for the FY 01 Work Plan and, unfortunately, it was not possible to fund all projects proposed. A copy of the Council's action on your project is enclosed.

I appreciate your interest in the restoration program and hope you will consider submitting proposals in future years.

Sincerely,

Sandra Schubert for

Molly McCammon
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Approved	Deferred to Jan.	FY02 Estimate	Total FY01-02
01441-CLO	Harbor Seal Recovery: Effects of Diet on Lipid Metabolism and Health	R. Davis/Texas A&M Univ.	ADFG	Cont'd 3rd yr. 3 yr. project	$93.5	$0.0	$0.0	$93.5

Project Abstract

Ecosystem-wide changes in food availability could be affecting harbor seal population recovery. To better understand the results from field studies of harbor seal health, body condition, and feeding ecology, data is needed for seals on diets that vary in nutritional composition. Working with the Alaska SeaLife Center, this project will determine how fatty acid profiles in the blubber of captive harbor seals change over time during controlled diets of herring and pollock. In addition, the project will assess the aerobic capacity and lipid metabolism of skeletal muscle in harbor seals fed controlled diets and in wild harbor seals in Prince William Sound. The results will enhance understanding of the nutritional role and assessment of dietary fat for harbor seals.

Chief Scientist's Recommendation

FY 01 is the closeout year for this multi-year project, which is ground-truthing a promising monitoring technique that could be used to understand long-term trends in food availability to marine carnivores. The deferred portion of this project is for analysis of additional samples of harbor seal tissues. While analyses of these additional samples would add greater power to achieve project objectives, this is a lower priority among the deferred projects. Do not fund.

Trustee Council Action

Do not fund additional sample analysis. In August, the Trustee Council approved $93,500 for analysis of the originally anticipated number of samples and deferred a decision on funding analysis of additional samples ($38,600) pending availability of funds. It has now been determined that funds are not available within the $6 million cap set by the Trustee Council. This study is investigating the effect of diet on lipid metabolism and health in harbor seals.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

December 08, 2000

Richard E. Thorne, Ph.D.
PWS Science Center
P.O. Box 705
Cordova, AK 99574-0705

Gary Thomas, Ph.D.
PWS Science Center
P.O. Box 705
Cordova, AK 99574-0705

RE: Project 01452-BAA / Assessing Prey and Competitor/Predators of Pink Salmon Fry

Dear Richard and Gary:

The *Exxon Valdez* Oil Spill Trustee Council took action on additional projects for the Fiscal Year 2001 Work Plan on December 5, 2000. These were projects on which a decision had been deferred by the Council at its late summer meeting, pending review of results from the 2000 field season or availability of funds. I am pleased to inform you that the Council approved funding in the amount of $57,600 for Project 01452/Assessing Prey and Competitor/Predators of Pink Salmon Fry ($53,800 for PWSSC and $3,800 for NOAA's administrative costs). A copy of the Council's action on your project is enclosed. Please note that FY 01 is expected to be the only year of Council contribution to Project 01452.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. The lead agency must also execute a contract or Reimbursable Services Agreement with you. Once NEPA is documented and a contract is executed, you will receive authorization to begin the FY 01 project. If you have any questions about this, please contact the NOAA representative:

Bruce Wright
National Oceanic and Atmospheric Administration
11305 Glacier Highway, Auke Bay, Alaska 99821
Phone 907-789-6601/Fax 907-789-6608

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

Sandra Schubert
for

Molly McCammon
Executive Director

Enclosure

cc: Bruce Wright, NOAA Liaison
Sharon Kent, NOAA Contracting

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Approved	Deferred to Jan.	FY02 Estimate	Total FY01-02
01452-BAA	Assessing Prey and Competitor/ Predators of Pink Salmon Fry	R. Thorne, G. Thomas/PWSSC	NOAA	New 1st yr. 1 yr. project	$57.6	$0.0	$0.0	$57.6

Project Abstract

Research suggests that macro zooplankton and adult walleye pollock densities are the primary biological forcing variables affecting pink salmon fry survival. A program to make these estimates was initiated in spring 2000 by a partnership of organizations including the Oil Spill Recovery Institute, Sound Emergency Response Vehicle System, and the Alaska Department of Fish and Game. This project will expand this effort to provide data on annual and seasonal variation of both predators and food availability for juvenile pink salmon and to interact with Project 01195/Pristane Monitoring, which is studying the use of pristane concentrations in mussels to estimate pink salmon fry survival.

Chief Scientist's Recommendation

The food and predators for juvenile pink salmon in Prince William Sound are important factors for determining the number of adults returning to spawn. This project will perform hydroacoustic surveys in spring in open-water environments of Prince William Sound. The data may be useful for historic hindcasting of adult returns once the models initiated during SEA (Project /320, Sound Ecosystem Assessment) are fully developed, but the proposed project will be collecting more spatially intensive data less frequently than was used in the successful proof-of-principle model tested under SEA. It may also be possible to use the data in a multiple-regression model to predict adult returns but this approach is not yet fully developed either. The third application is to independently test the concepts being developed in Project 01195/Pristane Monitoring. Although Project 01195 samples mussels in nearshore environments where hydroacoustic methods are not quantitative, a more synoptic view of offshore zooplankton and predators nearby might clarify mechanisms that produce pristane in mussels under various conditions of food and predator abundance. Fund for one year only.

Trustee Council Action

Fund revised Detailed Project Description, which addresses the concerns raised by peer reviewers, including modification of the objectives and methods to provide for coordination and integration with Project 01195/Pristane Monitoring. In general, this project will provide data on annual and seasonal variation of predators and food availability for juvenile pink salmon.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

December 08, 2000

Gary Thomas, Ph.D.
PWS Science Center
P.O. Box 705
Cordova, AK 99574-0705

RE: Project 01468-CLO / FEATS: Fundamental Estimations of Acoustic Target Strength

Dear Gary:

The *Exxon Valdez* Oil Spill Trustee Council took action on additional projects for the Fiscal Year 2001 Work Plan on December 5, 2000. These were projects on which a decision had been deferred by the Council at its late summer meeting, pending review of results from the 2000 field season or availability of funds. I am pleased to inform you that the Council approved funding in the amount of $5,800 for Project 01468/FEATS: Fundamental Estimations of Acoustic Target Strength ($5,400 to PWSSC and $400 to NOAA for their administrative costs). A copy of the Council's action on your project is enclosed.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. Once NEPA is documented, you will be authorized by the Executive Director to begin spending on your project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

Sandra Schubert for

Molly McCammon
Executive Director

Enclosure

cc: Bruce Wright, NOAA Liaison

SPREADSHEET B -- TRUSTEE COUNCIL'S ACTION ON DEFERRED PROJECTS / FY 01 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Approved	Deferred to Jan.	FY02 Estimate	Total FY01-02
01468-CLO	FEATS: Fundamental Estimations of Acoustic Target Strength	G. Thomas/PWSSC	NOAA	Cont'd 3rd yr. 3 yr. project	$5.8	$0.0	$0.0	$5.8

Project Abstract

This small amount of funding in FY 01 will allow for completion of the final report begun under Project 99468. In 1999, this project conducted cage experiments to determine the acoustic strength of herring and sand lance. Obtaining better definitions of target strength was essential to completion of work on two of the Trustee Council's major ecosystem projects, the Sound Ecosystem Assessment (SEA, Project /320) and the Alaska Predator Ecosystem Experiment (APEX, Project /163).

Chief Scientist's Recommendation

Acoustic target strengths are needed for monitoring Pacific herring and sand lance. This project will provide funding for completion of the final report, which will consist of a manuscript for the peer reviewed literature. Fund.

Trustee Council Action

Fund. This small amount of funding in FY 01 will allow for completion of the final report begun under Project 99468. The final report consists of a manuscript for publication in the peer reviewed literature. The manuscript has been drafted and peer reviewed; funds in FY 01 will support revision and finalization of the manuscript/report.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

December 09, 2000

Joanne F. Jellett, Ph.D.
Jellett Biotek Limited
P.O. Box 790
Dartmouth, Nova Scotia B2Y 3Z7
CANADA

RE: Project 01482-BAA / Establishment of a Biotoxin Monitoring Program in the Kodiak Island Area

Dear Joanne:

The *Exxon Valdez* Oil Spill Trustee Council took action on additional projects for the Fiscal Year 2001 Work Plan on December 5, 2000. At this meeting, the Council voted to continue to defer action on Project 01482/Establishment of a Biotoxin Monitoring Program in the Kodiak Island Area. The Council is tentatively scheduled to reconsider the project in mid-January, pending submittal and satisfactory review of the project's FY 00 results. At this date, we are still not in receipt of your FY 00 report, which had been expected November 30, 2000.

To date, the Trustee Council has authorized projects totaling $5.9 million for the FY 01 Work Plan. The cap set by the Council for the Work Plan is $6 million, so there is very little funding still available for deferred projects. Several deferred projects will be considered in January.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. A copy of the Trustee Council's action on your project is enclosed. If you have questions, please feel free to give me a call.

Sincerely,

Sandra Schubert for

Molly McCammon
Executive Director

Enclosure

cc: Bruce Wright, NOAA Liaison
Sharon Kent, NOAA Contracting

SPR)SHEET B -- TRUSTEE COUNCIL'S ACTION I DEFERRED PROJECTS / FY 01 WORK PL

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Approved	Deferred to Jan.	FY02 Estimate	Total FY01-02
01482-BAA	Establishment of a Biotoxin Monitoring Program in the Kodiak Island Area	J. Jellett/Jellett Biotek Limited	NOAA	Cont'd 2nd yr. 2 yr. project	$0.0	$50.0	$0.0	$50.0

Project Abstract

During FY 00, this project was to develop and optimize a rapid test for detecting paralytic shellfish poisoning (PSP) in shellfish samples from Kodiak Island. Funding in FY 01 will establish a beach-monitoring program for marine biotoxins in partnership with the Kodiak Youth Area Watch (Project /610). The project will also adapt the rapid tests to detect toxic phytoplankton in water samples as an "early warning system" of toxic blooms. The relationship between toxic alga blooms and the contamination of shellfish will be researched. The data generated may identify beach areas that tend to be free of toxins over the year and help target areas for shellfish harvest or even aquaculture production.

Chief Scientist's Recommendation

This proposal addresses an area of serious public health concern, the safety of eating shellfish. However, it goes well beyond the originally envisioned objectives. The Trustee Council was committed to the original objectives of the proposal to optimize the use of a PSP (paralytic shellfish poisoning) test kit for mussels on Kodiak. The expansion of the program into testing of water does not meet Council needs. Defer pending review of FY 00 results. If the results indicate a need for further work toward the original objectives, consideration of a revised proposal might be warranted.

Trustee Council Action

Continue to defer decision on funding this project pending evaluation of FY 00 results. Report, which was expected September 30, 2000, has now been postponed to November 30, 2000. Recommend Trustee Council consideration in January if reported results are promising, and continue to set aside $50,000 for this purpose. In FY 00, the Trustee Council funded optimization of a rapid test for PSP (paralytic shellfish poisoning) and ASP (amnesiac shellfish poisoning) for both extracted and unextracted shellfish tissue from the Kodiak Island area, and agreed to consider funding field trials in FY 01 or FY 02 with Kodiak subsistence users to prove the efficacy of the test in a beach monitoring application. The FY 01 proposal goes well beyond the originally envisioned objectives (objectives have been added to test water, establish a beach monitoring program, produce toxicity maps, and assess potential for economic development). In addition, questions are raised about the optimization itself, since samples from areas other than Kodiak were used in the optimization process. If funded, a revised proposal that focuses on the original objectives would likely be needed and funding would be at roughly $50,000 (an amount comparable to the Council's FY 00 contribution), not the $215,000 requested.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

December 08, 2000

Stanley Rice, Ph.D.
NOAA NMFS Auke Bay Lab
11305 Glacier Hwy.
Juneau, AK 99801

RE: Project 01486-BAA / Links Between Persistent Oil in Mussel Beds and Predators

Dear Jeep:

The *Exxon Valdez* Oil Spill Trustee Council took action on additional projects for the Fiscal Year 2001 Work Plan on December 5, 2000. These were projects on which a decision had been deferred by the Council at its late summer meeting, pending review of results from the 2000 field season or availability of funds. The availability of funds applied primarily to new projects, such as yours. It served to identify those projects the Council would like to support if funds became available through a decision, following review of 2000 results of ongoing projects, to not continue an otherwise continuing project.

As it turns out, Trustee Council funds are not available to support Project 01486/Links Between Persistent Oil in Mussel Beds and Predators for FY 01. The Council set a cap of $6 million for the FY 01 Work Plan and, unfortunately, it was not possible to fund all projects proposed. A copy of the Council's action on your project is enclosed.

I appreciate your interest in the restoration program and hope you will consider submitting proposals in future years.

Sincerely,

Sandra Schubert for

Molly McCammon
Executive Director

Enclosure

cc: Bruce Wright, NOAA Liaison

SPREADSHEET B -- TRUSTEE COUNCIL'S ACTION ON DEFERRED PROJECTS / FY 01 WORK PL...

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Approved	Deferred to Jan.	FY02 Estimate	Total FY01-02
01486-BAA	Links Between Persistent Oil in Mussel Beds and Predators	S. Rice/NOAA, et. al.	NOAA	New 1st yr. 2 yr. project	$0.0	$0.0	$0.0	$0.0

Project Abstract

Links between oil-contaminated mussel beds and impacts on infauna and vertebrate predators have been inferred, but have not been definitively demonstrated. Significant oil concentrations in some mussel beds have persisted to the present, much longer than originally expected, and may explain contemporary observations of vertebrate predator exposure to oil. Oiled beds are long-term sources of vertebrate contamination, which has implications for future monitoring and response decisions in the event of future spills. In a more holistic approach than in the past, this project will examine evidence for links between persistence of *Exxon Valdez* oil in mussel beds, infauna, and nearshore vertebrate predators.

Chief Scientist's Recommendation

This project would attempt to link residual oil in mussel beds to exposure of invertebrate communities in mussel beds, nearby fish, and visiting birds and mammals in western Prince William Sound in a more direct way. This would be useful work for determining qualitatively if local effects are occurring around mussel beds twelve years after the spill, but it is not a high priority at this stage in the restoration program. Do not fund.

Trustee Council Action

Do not fund. This project is a lower priority for funding in FY 01. It was deferred pending availability of funds and funds are not available within the $6 million cap set by the Trustee Council. This project would study possible links between oiled mussel beds and predators, which were not anticipated, have not been studied directly, and may explain ongoing observations of vertebrate predator exposure to oil. Project 01543, which will intensively sample a stratified random sample of shoreline for surface and subsurface oil, is recommended for funding.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

December 08, 2000

Gail Irvine, Ph.D.
USGS-BRD
1011 E Tudor Rd.
Anchorage, AK 99503

RE: Project 01532 / Retrospective Analysis of Nearshore Marine Communities Based on Analysis of Archaeological Material and Isotopic Analysis

Dear Gail:

The *Exxon Valdez* Oil Spill Trustee Council took action on additional projects for the Fiscal Year 2001 Work Plan on December 5, 2000. These were projects on which a decision had been deferred by the Council at its late summer meeting, pending review of results from the 2000 field season or availability of funds. The availability of funds applied primarily to new projects, such as yours. It served to identify those projects the Council would like to support if funds became available through a decision, following review of 2000 results of ongoing projects, to not continue an otherwise continuing project.

As it turns out, Trustee Council funds are not available to support Project 01532/Retrospective Analysis of Nearshore Marine Communities Based on Analysis of Archaeological Material and Isotopic Analysis for FY 01. The Council set a cap of $6 million for the FY 01 Work Plan and, unfortunately, it was not possible to fund all projects proposed. A copy of the Council's action on your project is enclosed.

I appreciate your interest in the restoration program and hope you will consider resubmitting your proposal next year.

Sincerely,

Sandra Schubert for

Molly McCammon
Executive Director

Enclosure

cc: Dede Bohn, DOI-USGS Liaison

SPRE SHEET B -- TRUSTEE COUNCIL'S ACTION DEFERRED PROJECTS / FY 01 WORK PL

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Approved	Deferred to Jan.	FY02 Estimate	Total FY01-02
01532	Retrospective Analysis of Nearshore Marine Communities Based on Analysis of Archaeological Material and Isotopic Analysis	G. Irvine/USGS-BRD	DOI	New 1st yr. 2 yr. project	$0.0	$0.0	$0.0	$0.0

Project Abstract

This project will investigate long-term (6,300 year) patterns of productivity and relative species abundance in nearshore, intertidal communities via retrospective analyses. These analyses will focus on excavated midden remains of a very rich, well-dated archaeological site along the Katmai National Park coast. Changes in nearshore marine communities will be assessed through examination of relative species abundances, size-frequency analysis, and other indicators of habitat changes. Isotopic analysis of shells will provide an assessment of long-term productivity patterns in the nearshore marine environment as related to major periods of climate change.

Chief Scientist's Recommendation

The revised proposal reduces the project's scope to the component identified by the reviewers as likely to make a unique contribution to the restoration program: the development of a 6,000-7,000 year history from a few coastal organisms. Retrospective biological information of this type is very rare. Recommend against funding this year, but encourage Principal Investigator to resubmit for FY 02, when greater emphasis will be given to retrospective analyses.

Trustee Council Action

Do not fund. This project is a lower priority for funding in FY 01. It was deferred pending availability of funds and funds are not available within the $6 million cap set by the Trustee Council. The Principal Investigator is encouraged to resubmit this proposal for consideration by the Council in FY 02, when retrospective analyses of existing data sets will likely be invited in anticipation of GEM (Gulf Ecosystem Monitoring, the Council's long-term monitoring and research plan currently under development). The project is designed to improve understanding of long-term change in nearshore marine communities and investigate the relationship between productivity and climate.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

December 08, 2000

Jeffrey W. Short, Ph.D.
NMFS/Auke Bay Laboratory
11305 Glacier Hwy.
Juneau, AK 99801-8626

RE: Project 01543 / Evaluation of Oil Remaining in the Intertidal from the *Exxon Valdez* Oil Spill

Dear Jeff:

The *Exxon Valdez* Oil Spill Trustee Council took action on additional projects for the Fiscal Year 2001 Work Plan on December 5, 2000. These were projects on which a decision had been deferred by the Council at its late summer meeting. I am pleased to inform you that the Council approved an additional $454,600 for Project 01543/Evaluation of Oil Remaining in the Intertidal from the *Exxon Valdez* Oil Spill contingent on (a) approval of the Detailed Project Description currently under review and (b) submittal and approval of a revised budget for the approved amount. A copy of the Trustee Council action on your project is enclosed.

In addition to satisfying the conditions specified above, before a project may begin the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. Once NEPA is documented and the above conditions are met, you will be authorized by the Executive Director to begin spending on your project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

Projects approved for FY 01 are approved in the expectation that they will be funded to their completion. However, the Trustee Council will annually evaluate a project's future funding needs based on its progress or results to date, overall restoration needs, and restoration funding constraints. The future funding projection for your project is $95,000 for FY 02 (including agency administrative costs); this will be reviewed again next year.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

Sandra Schubert for

Molly McCammon
Executive Director

Enclosure

cc: Bruce Wright, NOAA Liaison

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Approved	Deferred to Jan.	FY02 Estimate	Total FY01-02
01543	Evaluation of Oil Remaining in the Intertidal from the *Exxon Valdez* Oil Spill	J. Short/NOAA	NOAA	New 1st yr. 2 yr. project	$477.2	$0.0	$95.0	$572.2

Project Abstract

This project will assess the amount of oil remaining from the oil spill on shorelines within Prince William Sound. FY 01 funding will be requested in two phases. Phase 1 (Oct.-Nov.) produced a sampling design. Phase 2 (Dec.-Sept.) will intensively sample a stratified random sample of shoreline for surface and subsurface oil to estimate length of oiled shoreline, area and volume of oiled sediment, and volume of oil. Approximately 8 kilometers will be sampled by digging more than 8,000 pits to discover and quantify subsurface oil.

Chief Scientist's Recommendation

This is an extremely well reasoned proposal that addresses an important indicator of recovery from the oil spill. A recent workshop on study designs and objectives identified some significant issues. The project design is being reassessed. Fund contingent on successful review of the Detailed Project Description.

Trustee Council Action

Fund Phase 2 ($454,600 for survey) contingent on (a) approval of the Detailed Project Description currently under review and (b) a revised budget for the approved amount. Phase 1, $22,600 for development of the sampling design, was approved by the Trustee Council in August. This project will conduct an assessment of the surface area and volume of shoreline in Prince William Sound still contaminated with *Exxon Valdez* oil. Sample site selection should consider the interests of local residents, take into account lingering injury, include sites previously found to have significant residual oil, and weigh cost effectiveness. Surveys outside of Prince William Sound are not anticipated -- the Council funded a final comprehensive assessment of oil around Kodiak in FY 95 and along the Kenai and Alaska peninsulas in FY 99.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

December 08, 2000

Merav Ben-David, Ph.D.
Department of Zoology & Physiology, Bio-Science Building
P.O. Box 3166
Laramie, WY 87021

Bruce F. Finney, Ph.D.
UAF/SFOS
P.O. Box 757220
Fairbanks, AK 99775-7220

Dan H. Mann, Ph.D.
UAF Institute of Arctic Biology
P.O. Box 757000
Fairbanks, AK 99775-7000

RE: Project 01586 / Climate Change and Forage Fish Abundance: Development of Stable Isotope Methods for Long-Term Monitoring

Dear Merav, Bruce, and Dan:

The *Exxon Valdez* Oil Spill Trustee Council took action on additional projects for the Fiscal Year 2001 Work Plan on December 5, 2000. These were projects on which a decision had been deferred by the Council at its late summer meeting, pending review of results from the 2000 field season or availability of funds. The availability of funds applied primarily to new projects, such as yours. It served to identify those projects the Council would like to support if funds became available through a decision, following review of 2000 results of ongoing projects, to not continue an otherwise continuing project.

As it turns out, Trustee Council funds are not available to support Project 01586/Climate Change and Forage Fish Abundance: Development of Stable Isotope Methods for Long-Term Monitoring for FY 01. The Council set a cap of $6 million for the FY 01 Work Plan and, unfortunately, it was not possible to fund all projects proposed. A copy of the Council's action on your project is enclosed.

I appreciate your interest in the restoration program and hope you will consider resubmitting your proposal next year.

Sincerely,

Sandra Schubert
for

Molly McCammon
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

SPREADSHEET B -- TRUSTEE COUNCIL'S ACTION ON DEFERRED PROJECTS / FY 01 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Approved	Deferred to Jan.	FY02 Estimate	Total FY01-02
01586	Climate Change and Forage Fish Abundance: Development of Stable Isotope Methods for Long-Term Monitoring	M. Ben-David, B. Finney, D. Mann/UAF	ADFG	New 1st yr. 2 yr. project	$0.0	$0.0	$0.0	$0.0

Project Abstract

This project will reconstruct forage-fish abundances over the time scales of centuries to millennia of interest in examining animal-climate relationships. Fish scales and bones recovered from ocean sediment accumulated in anoxic basins will provide a direct record of temporal changes in species composition of fish. Available data on climate, forage fish abundance, and reproductive success of seabirds from Prince William Sound and vicinity collected since 1989 will be used to calibrate the results of the fish scale analyses. In addition, these data will be compared with historical and prehistorical climate reconstructions, resulting in a predictive model.

Chief Scientist's Recommendation

This project holds much promise for establishing a longer-term perspective of biotic change against which to measure natural change for retrospective analyses of the findings of restoration projects. It also could contribute to building the early stages of GEM (Gulf Ecosystem Monitoring, the Trustee Council's long-term monitoring program) implementation. Recommend against funding this year, but encourage Principal Investigator to resubmit for FY 02, when greater emphasis will be given to retrospective analyses.

Trustee Council Action

Do not fund. This project is a lower priority for funding in FY 01. It was deferred pending availability of funds and funds are not available within the $6 million cap set by the Trustee Council. The Principal Investigator is encouraged to resubmit this proposal for consideration by the Council in FY 02, when retrospective analyses of existing data sets will likely be invited in anticipation of GEM (Gulf Ecosystem Monitoring, the Council's long-term monitoring and research plan currently under development). This project is designed to examine animal-climate relationships by using fish scales to reconstruct forage-fish abundances over time.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

MEMORANDUM

TO: Agency Liaisons

FROM: Molly McCammon
Executive Director

RE: Authorization to Spend: FY 01 Work Plan Deferred Projects

DATE: December 7, 2000

At its December 5, 2000 meeting, the Trustee Council approved $1,249,900 for 11 additional projects for the FY 01 Work Plan, and $25,500 for one additional project outside of the FY 01 Work Plan. Before these funds are made available, a number of steps need to be completed.

As in the past, a letter of authorization from the Executive Director will be required on each project before spending can occur. The Trustee Council's project approval was subject to the following conditions: timely completion of late reports and manuscripts, NEPA compliance, and any additional conditions specified in the individual project recommendations. It is my hope that these conditions will be satisfied promptly so that work on these projects can be authorized to begin.

Letters are being prepared under my signature to each PI whose project was considered in December, notifying them of the Trustee Council's recent action. The letters, which explain the conditions for Executive Director authorization, will be mailed out over the next several days, with a copy going to the appropriate lead agency liaison. I expect the PIs to work through the liaisons if they have questions about late reports, NEPA, special conditions, or any other aspect of the project approval process.

Late Reports and Manuscripts

The Trustee Council's motion directed the Executive Director to withhold authorizations to spend FY 01 project funds until late reports and manuscripts have been submitted. The motion reads:

> If a Principal Investigator has an overdue report or manuscript from a previous year, no funds may be expended on a project involving the PI unless the report/manuscript is submitted or a schedule for submission is approved by the Executive Director.

A list of late reports is attached. Defined as "late" are reports (1) that have not yet been submitted to the Chief Scientist or that were reviewed by the Chief Scientist, returned to the PI for revision longer ago than six months, and have not been revised and resubmitted to the Chief Scientist and (2) for which an extended due date has not been approved by the Executive Director.

NEPA Compliance

The Trustee Council's motion directed the Executive Director to withhold authorizations to spend FY 01 project funds until NEPA compliance is documented. The motion reads:

> A project's lead agency must demonstrate to the Executive Director that requirements of NEPA are met before any project funds may be expended (with the exception of funds spent to prepare NEPA documentation.)

A draft list of projects requiring NEPA documentation is attached. Because many of the FY 01 projects are continuing projects, a CE or EA is on file here at the Restoration Office for FY 00. **In these cases, the lead NEPA agency needs to simply confirm that the CE or EA already on file applies as well to the project activity that will be conducted in FY 01.** For new projects, the attached list identifies a NEPA lead agency based on past practice. If you have questions or changes to any of the information on the list, please contact Sandra Schubert.

Special Conditions

A few projects have special conditions or contingencies that must be met before FY 01 work can proceed. Any such conditions are spelled out in the Trustee Council Action field on the attached spreadsheet B.

Please let me know if you envision any problems with the above items.

Attachments: List of late reports
NEPA compliance spreadsheet
Trustee Council Action spreadsheets A and B

Overdue Reports (as of 12/6/00)

Agency	Project Number	PI	Final or Annual	Project Title	Status of Report
ADEC	98291	See	Final	Chenega shoreline oiling	Peer reviewed; returned to PI for revision 2/18/00.
ADEC	99514	See	Final	Lower Cook Inlet Waste Management Plan	Plan/report originally due 2/28/99; then expected 3/00 and 5/00; still not received.
ADEC	00530	See	Final	Lessons learned	Never submitted; was due 7/13/00; now expected 11/30/00.
ADEC	00567	See	Final	Contaminants	Never submitted; was due 8/31/00; now expected 11/30/00.
ADFG	FS13	Baker	Final	Effects of hydrocarbons on bivalves	Peer reviewed; returned to PI for revision 11/11/98. Revision was expected early summer 2000; still not received.
ADFG	93033-1	Rothe	Final	Harlequin duck - Afognak habitat assessment/PWS production	Peer reviewed; returned to PI for revision 11/14/95; most recent due date was 7/1/98; then expected 5/31/00; still not received.
ADFG	93033-2	Rothe	Final	Harlequin restoration	Never submitted; most recent due date was 7/1/98; then expected 5/31/00; still not received.
ADFG	96258A-1	Tarbox	Final	Sockeye: Kenai	Never submitted; was due 1/1/98 (with manuscript). PI retired 6/1/00; ADF&G looking at options for completing report.
ADFG	96258A-2	Swanton	Final	Sockeye: Kodiak	Never submitted; was due 10/30/97; then expected 3/31/00; still not received.
ADFG	98191A	Willette	Final	Oil-related embryo mortality	Peer reviewed; returned to PI for revision 4/20/00.
ADFG	99127	Kompkoff	Annual	Tatitlek coho release	Never submitted; was due 4/15/00
ADFG	99162B	Kennedy	Ms.	Herring disease	4 manuscripts were due 9/30/00; 3 not submitted.
ADFG	99252-1	L. Seeb	Final	Genetics project: pollock component	Never submitted; was due 9/30/99; then expected 4/30/00; still not received.
ADFG	99252-2	L. Seeb	Final	Genetics project: black rockfish component	Never submitted; was due 1/31/00; then expected 6/30/00; still not received.
ADFG	99375	Brown	Final	Herring egg distribution	Never submitted; was due 9/30/00.

Overdue Reports (as of 12/6/00)

ADFG	00278	Seaman	CD	Kachemak Bay NERRS	Never submitted; was due 9/30/00; now expected 4/1/01.
ADFG	00509	Small	Final	Harbor seal experimental design	Never submitted; was due 9/30/00.
ADNR	98180	Weiner	Annual	Kenai River restoration	Peer reviewed; returned to PI for revision 8/23/99
ADNR	99180	Weiner	Final	Kenai River restoration	Never submitted; was due 9/30/00.
DOI	00501	Piatt	Final	Seabird monitoring protocols	Never submitted; was due 9/30/00; due date extended to 10/31/00.
NOAA	97076	Wertheimer	Final	Effects of oiled substrate on straying	Peer reviewed; returned to PI for revision 4/20/00.
NOAA	98347	Heintz	Annual	Fatty acids	Peer reviewed and letter requested 3/20/00; response not received.
NOAA	99163	Duffy, et al	Final	APEX	Never submitted; was due 9/30/00.
NOAA	99090	Harris	Final	Mussel bed monitoring	Never submitted; was due 4/15/00; due date was extended to 8/25/00; now expected 1/1/01.
NOAA	99330-2	Pimm	Final	Mass-balance model	Never submitted; as of 4/00 was "expected shortly"
NOAA	99361	Allen	Video	Dynamic graphical techniques	Never submitted; was due 9/30/99; then expected 7/21/00; now expect late October 2000
NOAA	99368	Whitney	Maps	ESI maps	Maps were due 9/30/99; now expected 1/01.
NOAA	00048	Ruggerone	Ms.	Sockeye salmon	2 manuscripts were due 12/99; never submitted. Now expect 11/15/00 and 3/01.
NOAA	00482	Jellett	Final	PSP test optimization	Never submitted; was due 9/30/00; due date then extended to 11/30/00.
NOAA	00493	Anderson	Final	Sampling strategies for trawl surveys	Never submitted; was due 9/30/00; now expected 3/01.
NOAA	00510	McDonald	Ms.	Intertidal monitoring recommendations	Manuscript was due 4/15/00; never submitted; now expected 1/31/01.
NOAA	00516	Day	Ms.	Murrelet habitat use	Manuscript was due 4/15/00; never submitted.
USFS	99339-2	Suring	Final	Human use model & recommendations	Never submitted; was due 12/31/99, then expected 4/15/00, still not received

The following reports were submitted to the Chief Scientist for peer review more than 6 months ago:

Overdue Reports (as of 12/6/00)

98320	Cooney, et al	Final	SEA	Submitted for peer review 2/24/00
99012	Matkin	Annual	Killer whales	Submitted for peer review 5/3/00
99139A2	Dickson	Final	Port Dick Creek	Submitted for peer review 4/27/00
99306	Piatt	Final	Sand lance	Submitted for peer review 4/26/00
99327	Roby	Annual	Pigeon guillemots	Submitted for peer review 4/28/00
99328	Carls	Final	Herring synthesis	Submitted for peer review 12/27/99
99340	Weingartner	Annual	Oceanographic monitoring	Submitted for peer review 4/3/00
99393	Kline	Annual	Food webs	Submitted for peer review 4/14/00
99401	O'Clair	Annual	Spot shrimp	Submitted for peer review 4/21/00
99423	Bodkin	Annual	Population change: sea otters	Submitted for peer review 4/18/00
99434	O'Meara	Final	Amatuli I. remote video	Submitted for peer review 4/25/00
99459	Irvine	Final	Residual oiling - GOA	Submitted for peer review 5/3/00
99479	Piatt	Annual	Seabirds / food stress	Submitted for peer review 4/26/00

NEPA STATUS: FY 01 WORK PL[illegible] (projects approved by Trustee Council 12/[illegible])

Proj.No.	Project Title	New or Cont'd	Lead Agency	NEPA Lead Agency	For Continuing Projects: Prior Year NEPA	NEPA Status: FY 01 Activity
ADFG						
01064-CLO	Monitoring, Habitat Use, and Trophic Interactions of Harbor Seals in Prince William Sound	Cont'd	ADFG	NOAA	CE	
01407	Harlequin Duck Population Dynamics	Cont'd	ADFG	DOI	CE	
01455	Gulf Ecosystem Monitoring and Research Program Data System	Cont'd	ADFG	N/A	N/A	N/A (administrative only)
ADNR						
01154	Archaeological Repository, Display Facilities, and Exhibits for Prince William Sound and Lower Cook Inlet	Cont'd	ADNR	USFS	CE	CE on file
DOI						
01404	Archival Tags for Tracking King Salmon at Sea: Migrations, Biology, and Oceanographic Preferences in Prince William Sound	New	DOI	DOI		
NOAA						
01163-CLO	Alaska Predator Ecosystem Experiment in Prince William Sound and the Gulf of Alaska (APEX)	Cont'd	NOAA	NOAA	CE	
01393-BAA	Prince William Sound Food Webs: Structure and Change	Cont'd	NOAA	NOAA	CE	
01396	Alaska Salmon Shark Assessment	Cont'd	NOAA	NOAA	CE	
01452-BAA	Assessing Prey and Competitor/ Predators of Pink Salmon Fry	New	NOAA	NOAA		
01468-CLO	FEATS: Fundamental Estimations of Acoustic Target Strength	Cont'd	NOAA	NOAA	CE	
01543	Evaluation of Oil Remaining in the Intertidal from the *Exxon Valdez* Oil Spill	New	NOAA	NOAA		
ALL						
01630	Planning for Long-Term Monitoring and Research Program	Cont'd	ALL	N/A	N/A	N/A (administrative only)

SPREAI EET A -- TRUSTEE COUNCIL'S ACTION ON DEFEF PROJECTS / FY 01 WORK PLAN

Proj. No.	Project Title	Lead Agency	New or Cont'd	Approved FY 01	Deferred to Jan.	Estimate FY 02	Total FY 01-02	Trustee Council Action
Pacific Herring				$5.8	$100.0	$0.0	$105.8	
01468-CLO	Acoustic Target Strength	NOAA	Cont'd	$5.8	$0.0	$0.0	$5.8	Fund
01602	Herring Synthesis Follow-Up		New	$0.0	$100.0		$100.0	Defer to January
SEA and Related Projects				$176.6	$0.0	$0.0	$176.6	
01393-BAA	Food Webs: Structure and Change	NOAA	Cont'd	$119.0	$0.0	$0.0	$119.0	Fund
01452-BAA	Assessing Prey & Predators of Pink Salmon Fry	NOAA	New	$57.6	$0.0	$0.0	$57.6	Fund
Cutthroat Trout, Dolly Varden, and Other Fish				$160.0	$0.0	$0.0	$160.0	
01396	Shark Assessment	NOAA	Cont'd	$85.0	$0.0	$0.0	$85.0	Fund contingent
01404	Archival Tags for Tracking King Salmon	DOI	New	$75.0	$0.0		$75.0	Fund contingent
Marine Mammals				$116.1	$0.0	$0.0	$116.1	
01064-CLO	Harbor Seals: Monitoring, Habitat, and Trophics	ADFG	Cont'd	$22.6	$0.0	$0.0	$22.6	Fund
01441-CLO	Harbor Seal Diet: Lipid Metabolism and Health	ADFG	Cont'd	$93.5	$0.0	$0.0	$93.5	Do not fund deferred portion
Nearshore Ecosystem				$544.8	$0.0	$95.0	$639.8	
01407	Harlequin Duck Population Dynamics	ADFG	Cont'd	$67.6	$0.0		$67.6	Fund
01486-BAA	Mussel Beds and Predators	NOAA	New	$0.0	$0.0	$0.0	$0.0	Do not fund
01532	Retrospective Analysis: Nearshore Communities	DOI	New	$0.0	$0.0	$0.0	$0.0	Do not fund
01543	Oil Remaining in the Intertidal	NOAA	New	$477.2	$0.0	$95.0	$572.2	Fund contingent

SPREADSHEET A -- TRUSTEE COUNCIL'S ACTION ON DEFERRED PROJECTS / FY 01 WORK PLAN

Proj. No.	Project Title	Lead Agency	New or Cont'd	Approved FY 01	Deferred to Jan.	Estimate FY 02	Total FY 01-02	Trustee Council Action
Seabird/Forage Fish and Related Projects				$199.6	$0.0	$20.0	$219.6	
01163-CLO	Alaska Predator Ecosystem Experiment (APEX)	NOAA	Cont'd	$199.6	$0.0	$20.0	$219.6	Fund contingent
01586	Stable Isotopes / Forage Fish Abundance	ADFG	New	$0.0	$0.0	$0.0	$0.0	Do not fund
Subsistence				$0.0	$50.0	$0.0	$50.0	
01482-BAA	Biotoxin Monitoring Program (PSP)	NOAA	Cont'd	$0.0	$50.0	$0.0	$50.0	Defer to January
Habitat Improvement				$0.0	$0.0	$0.0	$0.0	
01339	Western PWS Human Use Model	USFS	Cont'd	$0.0	$0.0	$0.0	$0.0	Do not fund
Ecosystem Synthesis/GEM Transition				$299.1	$0.0		$299.1	
01455	Data System for GEM	ADFG	Cont'd	$35.7	$0.0		$35.7	Fund
01630	Planning for GEM	ALL	Cont'd	$263.4	$0.0		$263.4	Fund
	Total:			$1,502.0	$150.0	$115.0	$1,767.0	

NOTE 1: The following amounts in the "Approved FY 01" column were approved by the Trustee Council in August 2000:
01441 $93.5, 01543 $22.6, 01630 $136.0

NOTE 2: Total approved for FY 01 Work Plan (August + December) = $5,935.6 (FY 01 cap is $6,000.0)

DRAFT 12/7/2000

SPREAD SHEET A -- TRUSTEE COUNCIL'S ACTION ON DEFERRED PROJECTS / OUTSIDE FY 01 WORK PLAN

Proj. No.	Project Title	Lead Agency	New or Cont'd	Approved FY 01	Deferred to Jan.	Estimate FY 02	Total FY 01-02	Trustee Council Action
01154	Archaeological Repository & Local Display Facilities	ADNR	Cont'd	$64.3	$0.0		$64.3	Fund
	Total:			$64.3	$0.0		$64.3	

DRAFT 12/6/2000

NOTE: PROJECTS APPEAR IN ORDER BY RESEARCH CLUSTER

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Approved	Deferred to Jan.	FY02 Estimate	Total FY01-02
Pacific Herring					$5.8	$5.8	$0.0	$105.8
01468-CLO	FEATS: Fundamental Estimations of Acoustic Target Strength	G. Thomas/PWSSC	NOAA	Cont'd 3rd yr. 3 yr. project	$5.8	$0.0	$0.0	$5.8

Project Abstract

This small amount of funding in FY 01 will allow for completion of the final report begun under Project 99468. In 1999, this project conducted cage experiments to determine the acoustic strength of herring and sand lance. Obtaining better definitions of target strength was essential to completion of work on two of the Trustee Council's major ecosystem projects, the Sound Ecosystem Assessment (SEA, Project /320) and the Alaska Predator Ecosystem Experiment (APEX, Project /163).

Chief Scientist's Recommendation

Acoustic target strengths are needed for monitoring Pacific herring and sand lance. This project will provide funding for completion of the final report, which will consist of a manuscript for the peer reviewed literature. Fund.

Trustee Council Action

Fund. This small amount of funding in FY 01 will allow for completion of the final report begun under Project 99468. The final report consists of a manuscript for publication in the peer reviewed literature. The manuscript has been drafted and peer reviewed; funds in FY 01 will support revision and finalization of the manuscript/report.

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Approved	Deferred to Jan.	FY02 Estimate	Total FY01-02
01602	Herring Synthesis Follow-Up	Restoration Office		New 1st yr. 1 yr. project	$0.0	$100.0		$100.0

Project Abstract

This project is a placeholder for a possible project or projects on Pacific herring that might be invited following completion of the herring synthesis and planning effort underway under Project 00374. The synthesis, which will include a recommended prioritization of research needs for herring, is now expected late November 2000. Although several proposals related to herring were submitted for FY 01, the *FY 01 Invitation* stated that, other than the conclusion of ongoing disease studies (Project /462), no work on herring was scheduled pending results of the synthesis. The invitation also stated that proposals would likely be invited after the synthesis was completed and reviewed.

Chief Scientist's Recommendation

In FY 00 the Trustee Council provided funding (Project 00374) to sponsor two workshops and a synthesis of our current understanding of Pacific herring in Prince William Sound, based to a large extent on the knowledge gained in the last 11 years of study. Pending completion of the synthesis, it is premature to fund additional herring work, other than the conclusion of the ongoing disease studies (Project /462). However, should the synthesis point to a need for specific studies on herring in FY 01, it is worthwhile to have some funds set aside for that purpose. Defer decision on spending these funds pending further review of synthesis and recommendations.

Trustee Council Action

Defer decision on funding this project to January 2001, pending further review of the results of the recent workshop (November 2000) on the synthesis of Pacific herring work conducted under Project 00374. The $100,000 indicated above is a placeholder amount. Funding may or may not be recommended following invitation and review of some specific proposals based on the outcome of the workshop. This is consistent with the *FY 01 Invitation*, which identified the possibility of a special invitation for herring later in FY 01.

NOTE: PROJECTS APPEAR IN ORDER BY RESEARCH CLUSTER

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Approved	Deferred to Jan.	FY02 Estimate	Total FY01-02
SEA and Related Projects					$176.6	$176.6	$0.0	$176.6
01393-BAA	Prince William Sound Food Webs: Structure and Change	T. Kline/PWSSC	NOAA	Cont'd 3rd yr. 3 yr. project	$119.0	$0.0	$0.0	$119.0

Project Abstract

Recent research has shown that the oceanographic conditions connecting the northern Gulf of Alaska with Prince William Sound may affect recruitment and nutritional processes in fishes. Accordingly, food webs are subject to changes in carbon flow occurring between the Gulf of Alaska and Prince William Sound. This project seeks to conduct retrospective analyses of Gulf of Alaska production shifts since the oil spill. These analyses will enable a better understanding of the ecological role of regime shift processes conjectured to be impeding the natural restoration of populations in Prince William Sound affected by the oil spill.

Chief Scientist's Recommendation

This is the third year of a three-year project to develop a retrospective assessment of carbon sources in the Prince William Sound food web by analyzing stable isotopes in layers of mussel shells. Data was also to be applied to continue validation of the Prince William Sound ECOPATH model (Project /330). The development of the ECOPATH model is complete, so this objective should not be funded for FY 01. Given that a significant amount of the shell data analysis is complete, the proposer should present his preliminary analysis to provide proof of concept. Fund contingent on satisfactory progress in obtaining project objectives in using carbon isotopes in mussel shells.

Trustee Council Action

Fund. This project was deferred pending FY 00 results and a reduced budget that eliminates the ECOPATH objective; results have been satisfactorily reviewed and the budget has been reduced as requested. This project is using carbon and nitrogen stable isotope ratios to confirm the relative trophic status of species within the Prince William Sound ecosystem. This method could be a valuable tool for the Trustee Council's long-term research and monitoring program (GEM, or Gulf Ecosystem Monitoring).

NOTE: PROJECTS APPEAR IN ORDER BY RESEARCH CLUSTER

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Approved	Deferred to Jan.	FY02 Estimate	Total FY01-02
01452-BAA	Assessing Prey and Competitor/ Predators of Pink Salmon Fry	R. Thorne, G. Thomas/PWSSC	NOAA	New 1st yr. 1 yr. project	$57.6	$0.0	$0.0	$57.6

Project Abstract

Research suggests that macro zooplankton and adult walleye pollock densities are the primary biological forcing variables affecting pink salmon fry survival. A program to make these estimates was initiated in spring 2000 by a partnership of organizations including the Oil Spill Recovery Institute, Sound Emergency Response Vehicle System, and the Alaska Department of Fish and Game. This project will expand this effort to provide data on annual and seasonal variation of both predators and food availability for juvenile pink salmon and to interact with Project 01195/Pristane Monitoring, which is studying the use of pristane concentrations in mussels to estimate pink salmon fry survival.

Chief Scientist's Recommendation

The food and predators for juvenile pink salmon in Prince William Sound are important factors for determining the number of adults returning to spawn. This project will perform hydroacoustic surveys in spring in open-water environments of Prince William Sound. The data may be useful for historic hindcasting of adult returns once the models initiated during SEA (Project /320, Sound Ecosystem Assessment) are fully developed, but the proposed project will be collecting more spatially intensive data less frequently than was used in the successful proof-of-principle model tested under SEA. It may also be possible to use the data in a multiple-regression model to predict adult returns but this approach is not yet fully developed either. The third application is to independently test the concepts being developed in Project 01195/Pristane Monitoring. Although Project 01195 samples mussels in nearshore environments where hydroacoustic methods are not quantitative, a more synoptic view of offshore zooplankton and predators nearby might clarify mechanisms that produce pristane in mussels under various conditions of food and predator abundance. Fund for one year only.

Trustee Council Action

Fund revised Detailed Project Description, which addresses the concerns raised by peer reviewers, including modification of the objectives and methods to provide for coordination and integration with Project 01195/Pristane Monitoring. In general, this project will provide data on annual and seasonal variation of predators and food availability for juvenile pink salmon.

NOTE: PROJECTS APPEAR IN ORDER BY RESEARCH CLUSTER

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Approved	Deferred to Jan.	FY02 Estimate	Total FY01-02
Cutthroat Trout, Dolly Varden, and Other Fish					$160.0	$160.0	$0.0	$160.0
01396	Alaska Salmon Shark Assessment	L. Hulbert/NOAA	NOAA	Cont'd 2nd yr. 2 yr. project	$85.0	$0.0	$0.0	$85.0

Project Abstract

This project will perform an unbiased estimate of salmon shark abundance and consumption in Prince William Sound. FY 01 will focus on continued field sampling and analyses of salmon shark abundance and consumption from data collected in FY 00 with an emphasis on data collected from directed stratified random line transect sampling and from aerial survey counts from the Alaska Department of Fish and Game and U.S. Geological Survey. Satellite tags and data archival tags will be employed to describe salmon shark movements and migrations, and critical feeding areas and depths. This research will assess the role of a predominant shark species as an indicator of change in the dynamic ocean climate and trophic structures in Prince William Sound and the Gulf of Alaska. [NOTE: This project was originally proposed as a two-year project; a third year of funding (FY 02) is also now proposed.]

Chief Scientist's Recommendation

This project was funded based on a limited set of objectives for FY 00. The funding decision for FY 01 was to be based on successful review of progress in FY 00. Significant progress was made toward understanding salmon sharks and their role in the Prince William Sound ecosystem. It appears, however, that the project's goal of understanding total shark abundance in the sound may not be achieved due to the difficulty of counting sharks that are well below the surface. Effort in FY 01 should be directed toward: (a) determining a relative abundance index (long-line surveys may provide this index), (b) exploring use of sonic tags to estimate residence time of sharks in Prince William Sound, (c) estimating diet and consumption rates over the annual cycle), and (d) estimating the proportion of the population caught by a survey (i.e, "q" or catchability). Further, due to the potential importance of shark predation on marine mammal populations, newly available National Marine Fisheries Service funds for Steller sea lion biology are a potential source of matching funds for this project. Fund contingent on satisfying the above-listed recommendations.

Trustee Council Action

Fund contingent on submittal and approval of (a) a revised Detailed Project Description that addresses the Chief Scientist's recommendations and includes adequate oversight of the project by the Auke Bay Lab and (b) a budget that does not exceed $85,000. In addition, the proposer should seek funds from other sources for continuing this project in FY 02 and beyond. The numbers of sharks observed in Prince William Sound have been increasing in recent years.

NOTE: PROJECTS APPEAR IN ORDER BY RESEARCH CLUSTER

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Approved	Deferred to Jan.	FY02 Estimate	Total FY01-02
01404	Archival Tags for Tracking King Salmon at Sea: Migrations, Biology, and Oceanographic Preferences in Prince William Sound	J. Nielsen/USGS-BRD	DOI	New 1st yr. 2 yr. project	$75.0	$0.0		$75.0

Project Abstract

Archive tags with temperature and light-geolocation sensors will be monitored for post-smolt king salmon in Prince William Sound. Light/location relationships specific to the Gulf of Alaska developed under Project 00478 will be applied in this study of movement and migration paths for king salmon during maturation in ocean environments in the sound. Tagging chinook reared in the hatchery environment to the required size (150-300mm) will allow the efficiency and accuracy of this technology to be tested. FY 01 will include pilot studies of tag retention, behavior, and growth for chinook in captivity. These studies will take place at the Alaska Department of Fish and Game's chinook hatchery outside of Anchorage (Elmendorf Air Force Base). A release experiment in FY 02 will be contingent on the success of the retention study and incorporate timed release of chinook. Archive tagged fish will be used to document king salmon use of marine habitats, migration routes, contribution to the sport fishery, and hatchery/wild interactions for chinook.

Chief Scientist's Recommendation

This is an innovative proposal that could contribute to identification of ecologically sensitive areas in Prince William Sound. The goals are well specified and the data could provide a unique perspective on productivity in the sound. Furthermore, the technology, as applied to salmon, has great potential. The revised proposal provides for a pilot tag retention, behavior, and growth study in FY 01 (e.g., hatchery). A release experiment will be considered in FY 02 if the retention study is successful.

Trustee Council Action

Fund revised proposal, which reduces the project's scope to a pilot only as recommended by the Chief Scientist, contingent on submittal and approval of a budget for the approved amount. This project is designed to further test the development and application of archive tag technology, which has great promise for a variety of species. If the pilot study is funded and successfully carried out in FY 01, funding for a release experiment (roughly $100,000) may be considered in FY 02.

NOTE: PROJECTS APPEAR IN ORDER BY RESEARCH CLUSTER

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Approved	Deferred to Jan.	FY02 Estimate	Total FY01-02
Marine Mammals					$116.1	$116.1	$0.0	$116.1
01064-CLO	Monitoring, Habitat Use, and Trophic Interactions of Harbor Seals in Prince William Sound	K. Frost, ADFG	ADFG	Cont'd 7th yr. 7 yr. project	$22.6	$0.0	$0.0	$22.6

Project Abstract

This project will fund an additional year of data analysis and manuscript preparation for this multi-year study of harbor seals in Prince William Sound. FY 00 was to be the closeout year for this project. However, at the end of FY 00 some data will remain unanalyzed and unpublished. FY 01 funding will cover analysis and final write-up of (a) August 2000 harbor seal aerial surveys, (b) a comparison of 2000 counts with previous years (i.e., an updated analysis of population trend), (c) 1999 seal pup tagging data, and (d) integration of 1999 pup tagging data with other years and a synoptic analysis of movements and diving behavior of harbor seal pups in Prince William Sound.

Chief Scientist's Recommendation

This is a request for an additional closeout year for this project. The principle investigator has commitments to produce four manuscripts with FY 00 funding. Progress on manuscript preparation is satisfactory. Fund.

Trustee Council Action

Fund an additional closeout year for the Principal Investigator to prepare four additional manuscripts for submittal to the peer reviewed literature. In general, this project is helping to explain the decline in harbor seals in Prince William Sound and document recent trends. The project has found that the decline in harbor seal populations has slowed in recent years and the Prince William Sound harbor seal population may be stabilizing.

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Approved	Deferred to Jan.	FY02 Estimate	Total FY01-02
01441-CLO	Harbor Seal Recovery: Effects of Diet on Lipid Metabolism and Health	R. Davis/Texas A&M Univ.	ADFG	Cont'd 3rd yr. 3 yr. project	$93.5	$0.0	$0.0	$93.5

Project Abstract

Ecosystem-wide changes in food availability could be affecting harbor seal population recovery. To better understand the results from field studies of harbor seal health, body condition, and feeding ecology, data is needed for seals on diets that vary in nutritional composition. Working with the Alaska SeaLife Center, this project will determine how fatty acid profiles in the blubber of captive harbor seals change over time during controlled diets of herring and pollock. In addition, the project will assess the aerobic capacity and lipid metabolism of skeletal muscle in harbor seals fed controlled diets and in wild harbor seals in Prince William Sound. The results will enhance understanding of the nutritional role and assessment of dietary fat for harbor seals.

Chief Scientist's Recommendation

FY 01 is the closeout year for this multi-year project, which is ground-truthing a promising monitoring technique that could be used to understand long-term trends in food availability to marine carnivores. The deferred portion of this project is for analysis of additional samples of harbor seal tissues. While analyses of these additional samples would add greater power to achieve project objectives, this is a lower priority among the deferred projects. Do not fund.

Trustee Council Action

Do not fund additional sample analysis. In August, the Trustee Council approved $93,500 for analysis of the originally anticipated number of samples and deferred a decision on funding analysis of additional samples ($38,600) pending availability of funds. It has now been determined that funds are not available within the $6 million cap set by the Trustee Council. This study is investigating the effect of diet on lipid metabolism and health in harbor seals.

NOTE: PROJECTS APPEAR IN ORDER BY RESEARCH CLUSTER

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Approved	Deferred to Jan.	FY02 Estimate	Total FY01-02
Nearshore Ecosystem					$544.8	$544.8	$95.0	$639.8
01407	Harlequin Duck Population Dynamics	D. Rosenberg/ADFG	ADFG	Cont'd 2nd yr. 3 yr. project	$67.6	$0.0		$67.6

Project Abstract

Harlequin duck populations have not recovered from the effects of the oil spill. Populations are declining in oiled areas of Prince William Sound while increasing in unoiled areas. This project will conduct late-winter boat surveys to assess the recovery of ducks inhabiting oiled areas. Population structure, abundance, and recruitment will be compared between oiled and unoiled areas in Prince William Sound to assess trends, population dynamics, and the progress of recovery. [NOTE: This project also requested funds ($75,000) for FY 02 and FY 03.]

Chief Scientist's Recommendation

This project is a valuable part of documenting injury and recovery in harlequin ducks. Harlequins appear to be susceptible to oil in nearshore environments and may be good indicators of the lingering effects of the spill. Another year of population survey data (FY 01) will enable a relatively robust long-term monitoring strategy to be designed. Fund.

Trustee Council Action

Fund. This project was deferred pending completion of a power analysis; however, it has now been determined that an additional year of data collection is needed before a power analysis can be performed. FY 01 will be the final year of Trustee Council support for field work. FY 02 will be closeout funds only (preparation of final report, including power analysis). This project is intended to assess the recovery of harlequin duck populations inhabiting oiled areas. The harlequin duck is one of the species that is still not showing signs of recovery from the oil spill.

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Approved	Deferred to Jan.	FY02 Estimate	Total FY01-02
01486-BAA	Links Between Persistent Oil in Mussel Beds and Predators	S. Rice/NOAA, et. al.	NOAA	New 1st yr. 2 yr. project	$0.0	$0.0	$0.0	$0.0

Project Abstract

Links between oil-contaminated mussel beds and impacts on infauna and vertebrate predators have been inferred, but have not been definitively demonstrated. Significant oil concentrations in some mussel beds have persisted to the present, much longer than originally expected, and may explain contemporary observations of vertebrate predator exposure to oil. Oiled beds are long-term sources of vertebrate contamination, which has implications for future monitoring and response decisions in the event of future spills. In a more holistic approach than in the past, this project will examine evidence for links between persistence of *Exxon Valdez* oil in mussel beds, infauna, and nearshore vertebrate predators.

Chief Scientist's Recommendation

This project would attempt to link residual oil in mussel beds to exposure of invertebrate communities in mussel beds, nearby fish, and visiting birds and mammals in western Prince William Sound in a more direct way. This would be useful work for determining qualitatively if local effects are occurring around mussel beds twelve years after the spill, but it is not a high priority at this stage in the restoration program. Do not fund.

Trustee Council Action

Do not fund. This project is a lower priority for funding in FY 01. It was deferred pending availability of funds and funds are not available within the $6 million cap set by the Trustee Council. This project would study possible links between oiled mussel beds and predators, which were not anticipated, have not been studied directly, and may explain ongoing observations of vertebrate predator exposure to oil. Project 01543, which will intensively sample a stratified random sample of shoreline for surface and subsurface oil, is recommended for funding.

NOTE: PROJECTS APPEAR IN ORDER BY RESEARCH CLUSTER

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Approved	Deferred to Jan.	FY02 Estimate	Total FY01-02
01532	Retrospective Analysis of Nearshore Marine Communities Based on Analysis of Archaeological Material and Isotopic Analysis	G. Irvine/USGS-BRD	DOI	New 1st yr. 2 yr. project	$0.0	$0.0	$0.0	$0.0

Project Abstract

This project will investigate long-term (6,300 year) patterns of productivity and relative species abundance in nearshore, intertidal communities via retrospective analyses. These analyses will focus on excavated midden remains of a very rich, well-dated archaeological site along the Katmai National Park coast. Changes in nearshore marine communities will be assessed through examination of relative species abundances, size-frequency analysis, and other indicators of habitat changes. Isotopic analysis of shells will provide an assessment of long-term productivity patterns in the nearshore marine environment as related to major periods of climate change.

Chief Scientist's Recommendation

The revised proposal reduces the project's scope to the component identified by the reviewers as likely to make a unique contribution to the restoration program: the development of a 6,000-7,000 year history from a few coastal organisms. Retrospective biological information of this type is very rare. Recommend against funding this year, but encourage Principal Investigator to resubmit for FY 02, when greater emphasis will be given to retrospective analyses.

Trustee Council Action

Do not fund. This project is a lower priority for funding in FY 01. It was deferred pending availability of funds and funds are not available within the $6 million cap set by the Trustee Council. The Principal Investigator is encouraged to resubmit this proposal for consideration by the Council in FY 02, when retrospective analyses of existing data sets will likely be invited in anticipation of GEM (Gulf Ecosystem Monitoring, the Council's long-term monitoring and research plan currently under development). The project is designed to improve understanding of long-term change in nearshore marine communities and investigate the relationship between productivity and climate.

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Approved	Deferred to Jan.	FY02 Estimate	Total FY01-02
01543	Evaluation of Oil Remaining in the Intertidal from the *Exxon Valdez* Oil Spill	J. Short/NOAA	NOAA	New 1st yr. 2 yr. project	$477.2	$0.0	$95.0	$572.2

Project Abstract

This project will assess the amount of oil remaining from the oil spill on shorelines within Prince William Sound. FY 01 funding will be requested in two phases. Phase 1 (Oct.-Nov.) produced a sampling design. Phase 2 (Dec.-Sept.) will intensively sample a stratified random sample of shoreline for surface and subsurface oil to estimate length of oiled shoreline, area and volume of oiled sediment, and volume of oil. Approximately 8 kilometers will be sampled by digging more than 8,000 pits to discover and quantify subsurface oil.

Chief Scientist's Recommendation

This is an extremely well reasoned proposal that addresses an important indicator of recovery from the oil spill. A recent workshop on study designs and objectives identified some significant issues. The project design is being reassessed. Fund contingent on successful review of the Detailed Project Description.

Trustee Council Action

Fund Phase 2 ($454,600 for survey) contingent on (a) approval of the Detailed Project Description currently under review and (b) a revised budget for the approved amount. Phase 1, $22,600 for development of the sampling design, was approved by the Trustee Council in August. This project will conduct an assessment of the surface area and volume of shoreline in Prince William Sound still contaminated with *Exxon Valdez* oil. Sample site selection should consider the interests of local residents, take into account lingering injury, include sites previously found to have significant residual oil, and weigh cost effectiveness. Surveys outside of Prince William Sound are not anticipated -- the Council funded a final comprehensive assessment of oil around Kodiak in FY 95 and along the Kenai and Alaska peninsulas in FY 99.

NOTE: PROJECTS APPEAR IN ORDER BY RESEARCH CLUSTER

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Approved	Deferred to Jan.	FY02 Estimate	Total FY01-02
Seabird/Forage Fish and Related Projects					$199.6	$199.6	$20.0	$219.6
01163-CLO	Alaska Predator Ecosystem Experiment in Prince William Sound and the Gulf of Alaska (APEX)	D. Duffy/Paumanok Solutions, et al	NOAA	Cont'd 8th yr. 9 yr. project	$199.6	$0.0	$20.0	$219.6

Project Abstract

This project will fund a second closeout year for Project /163, which is using seabirds as probes of the trophic (foraging) environment of Prince William Sound and Cook Inlet, comparing their reproductive and foraging biologies, including diet. These measurements are being compared with hydroacoustic, aerial, and net sampling of fish to calibrate seabird performance with fish distribution and abundance. This will allow a determination of the extent to which food limits the recovery of seabirds from the oil spill. Historical data from a variety of sources is being used to detect shifts in forage fish abundance and to test hypotheses explaining such shifts. In FY 01, APEX results will be produced and published as scientific papers.

Chief Scientist's Recommendation

APEX was a major undertaking by the Trustee Council and publication of results is necessary to legitimize the effort in the broad scientific community. The revised Detailed Project Description indicates substantial progress toward achieving a synthesis of results from individual APEX subprojects. Although titles and numbers of manuscripts have changed over the last year, I am confident that the needed synthesis is on track and that the project overall remains very productive. Fund.

Trustee Council Action

Fund contingent on submittal of the APEX final report (which was due September 30, 2000). This project was deferred pending submittal and approval of a revised Detailed Project Description and budget that lay out a two-year plan (FY 01 and FY 02) for bringing the APEX project to completion; the revised documents have now been reviewed and approved. In addition, several of the manuscripts funded in FY 00 had not been submitted as planned. However, substantial progress has been made on many of these manuscripts and work is expected to continue on them in FY 01.

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Approved	Deferred to Jan.	FY02 Estimate	Total FY01-02
01586	Climate Change and Forage Fish Abundance: Development of Stable Isotope Methods for Long-Term Monitoring	M. Ben-David, B. Finney, D. Mann/UAF	ADFG	New 1st yr. 2 yr. project	$0.0	$0.0	$0.0	$0.0

Project Abstract

This project will reconstruct forage-fish abundances over the time scales of centuries to millennia of interest in examining animal-climate relationships. Fish scales and bones recovered from ocean sediment accumulated in anoxic basins will provide a direct record of temporal changes in species composition of fish. Available data on climate, forage fish abundance, and reproductive success of seabirds from Prince William Sound and vicinity collected since 1989 will be used to calibrate the results of the fish scale analyses. In addition, these data will be compared with historical and prehistorical climate reconstructions, resulting in a predictive model.

Chief Scientist's Recommendation

This project holds much promise for establishing a longer-term perspective of biotic change against which to measure natural change for retrospective analyses of the findings of restoration projects. It also could contribute to building the early stages of GEM (Gulf Ecosystem Monitoring, the Trustee Council's long-term monitoring program) implementation. Recommend against funding this year, but encourage Principal Investigator to resubmit for FY 02, when greater emphasis will be given to retrospective analyses.

Trustee Council Action

Do not fund. This project is a lower priority for funding in FY 01. It was deferred pending availability of funds and funds are not available within the $6 million cap set by the Trustee Council. The Principal Investigator is encouraged to resubmit this proposal for consideration by the Council in FY 02, when retrospective analyses of existing data sets will likely be invited in anticipation of GEM (Gulf Ecosystem Monitoring, the Council's long-term monitoring and research plan currently under development). This project is designed to examine animal-climate relationships by using fish scales to reconstruct forage-fish abundances over time.

NOTE: PROJECTS APPEAR IN ORDER BY RESEARCH CLUSTER

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Approved	Deferred to Jan.	FY02 Estimate	Total FY01-02
Subsistence					$0.0	$0.0	$0.0	$50.0
01482-BAA	Establishment of a Biotoxin Monitoring Program in the Kodiak Island Area	J. Jellett/Jellett Biotek Limited	NOAA	Cont'd 2nd yr. 2 yr. project	$0.0	$50.0	$0.0	$50.0

Project Abstract

During FY 00, this project was to develop and optimize a rapid test for detecting paralytic shellfish poisoning (PSP) in shellfish samples from Kodiak Island. Funding in FY 01 will establish a beach-monitoring program for marine biotoxins in partnership with the Kodiak Youth Area Watch (Project /610). The project will also adapt the rapid tests to detect toxic phytoplankton in water samples as an "early warning system" of toxic blooms. The relationship between toxic alga blooms and the contamination of shellfish will be researched. The data generated may identify beach areas that tend to be free of toxins over the year and help target areas for shellfish harvest or even aquaculture production.

Chief Scientist's Recommendation

This proposal addresses an area of serious public health concern, the safety of eating shellfish. However, it goes well beyond the originally envisioned objectives. The Trustee Council was committed to the original objectives of the proposal to optimize the use of a PSP (paralytic shellfish poisoning) test kit for mussels on Kodiak. The expansion of the program into testing of water does not meet Council needs. Defer pending review of FY 00 results. If the results indicate a need for further work toward the original objectives, consideration of a revised proposal might be warranted.

Trustee Council Action

Continue to defer decision on funding this project pending evaluation of FY 00 results. Report, which was expected September 30, 2000, has now been postponed to November 30, 2000. Recommend Trustee Council consideration in January if reported results are promising, and continue to set aside $50,000 for this purpose. In FY 00, the Trustee Council funded optimization of a rapid test for PSP (paralytic shellfish poisoning) and ASP (amnesiac shellfish poisoning) for both extracted and unextracted shellfish tissue from the Kodiak Island area, and agreed to consider funding field trials in FY 01 or FY 02 with Kodiak subsistence users to prove the efficacy of the test in a beach monitoring application. The FY 01 proposal goes well beyond the originally envisioned objectives (objectives have been added to test water, establish a beach monitoring program, produce toxicity maps, and assess potential for economic development). In addition, questions are raised about the optimization itself, since samples from areas other than Kodiak were used in the optimization process. If funded, a revised proposal that focuses on the original objectives would likely be needed and funding would be at roughly $50,000 (an amount comparable to the Council's FY 00 contribution), not the $215,000 requested.

NOTE: PROJECTS APPEAR IN ORDER BY RESEARCH CLUSTER

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Approved	Deferred to Jan.	FY02 Estimate	Total FY01-02
Habitat Improvement					$0.0	$0.0	$0.0	$0.0
01339	Prince William Sound Human Use and Wildlife Disturbance Model	L. Suring/USFS	USFS	Cont'd 4th yr. 4 yr. project	$0.0	$0.0	$0.0	$0.0

Project Abstract

This project will fund two manuscripts for publication in professional journals. One manuscript will describe the use of GIS techniques to describe current human-use patterns in western Prince William Sound and to model potential changes in those use patterns as a result of additional development. A second manuscript will document use of the GIS generated maps of present and projected human-use patterns and their incorporation with GIS maps of the distribution of injured resources, as a basis for identifying areas where there may be conflicts between human use and wildlife. Identification of potential areas of conflict has allowed development of recommended management practices that may eliminate or minimize the negative effects of increasing human use. All injured species are being addressed in a general approach but specific management recommendations will be provided for harbor seal, pigeon guillemot, and cutthroat trout.

Chief Scientist's Recommendation

This proposal is for publishing the results of this project as two journal papers and would inform a broad community about the work. Reconsider for FY 02 after final report has been completed and reviewed. Do not fund.

Trustee Council Action

Do not fund. This project was deferred pending submittal of model and recommendations, which were due December 31, 1999. Because the model and recommendations still have not been submitted, it is premature to provide funding for additional work at this time. In general, this project is developing and testing in western Prince William Sound a model for projecting future impacts of human use on resources injured by the oil spill. The FY 01 proposal was for preparation of two manuscripts for publication in the peer reviewed literature.

NOTE: PROJECTS APPEAR IN ORDER BY RESEARCH CLUSTER

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Approved	Deferred to Jan.	FY02 Estimate	Total FY01-02
Ecosystem Synthesis/GEM Transition					$299.1	$299.1		$299.1
01455	Gulf Ecosystem Monitoring and Research Program Data System	Restoration Office	ADFG	Cont'd 2nd yr.	$35.7	$0.0		$35.7

Project Abstract

This project will initiate an ongoing data system for GEM (Gulf Ecosystem Monitoring, the Trustee Council's long-term monitoring and research program currently under development). GEM is being designed to monitor the ecosystems of the northern Gulf of Alaska and the adjacent coastal regions for a very long time period. Data collection, archiving, transfer, delivery, and presentation are critical components of GEM. FY 01 funding will be used to hire a data system manager to provide the leadership necessary for developing this essential part of the GEM program.

Chief Scientist's Recommendation

Data management and archiving are crucial to the long-term development of GEM (Gulf Ecosystem Monitoring, the Trustee Council's long-term monitoring and research program). Putting in place, before GEM begins, a system that is capable of storing and accessing the many different data types envisioned is a key to the success of GEM. Fund.

Trustee Council Action

Fund. This project will fund a data systems manager, to be located at the Restoration Office, for GEM (Gulf Ecosystem Monitoring, the Trustee Council's long-term monitoring and research program currently under development). This is expected to be an ongoing function under GEM. Efforts in FY 01 (hiring is expected by June 1, 2001) will focus on system design. Ongoing efforts will include collaboration with Trustee agencies and other data systems as well as data input, linking, and management.

NOTE: PROJECTS APPEAR IN ORDER BY RESEARCH CLUSTER

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Approved	Deferred to Jan.	FY02 Estimate	Total FY01-02
01630	Planning for Long-Term Monitoring and Research Program	Restoration Office	ALL	Cont'd 2nd yr. 3 yr. project	$263.4	$0.0		$263.4

Project Abstract

In March 1999, the Trustee Council earmarked an estimated $120 million of Restoration Reserve funds for a long-term monitoring and research program in the spill area and adjacent northern Gulf of Alaska. Development of what is now called the Gulf Ecosystem Monitoring and Research (GEM) program was initiated in FY 99 and will continue through FY 02. In FY 00, a draft GEM Science Program (April 2000) was developed and submitted to the National Research Council for review. In FY 01, follow-up on the National Research Council's recommendations on the GEM Science Program will occur. In addition, a draft Monitoring and Research Plan will be finalized in conjunction with spill-area stakeholders, resource managers, and the scientific community. The plan will be coordinated with such other large-scale programs as the U.S. Global Ocean Ecosystem Dynamics (GLOBEC), the North Pacific Marine Science Organization (PICES), and the Coastal-Global Ocean Observing System (C-GOOS), and then delivered for review to the National Research Council. This project will also help develop the *FY 02 Invitation*, which will request proposals for projects to accomplish the transition to GEM. Project 01630 will be accomplished through the combined efforts of the Restoration Office and Chief Scientist.

Chief Scientist's Recommendation

Proposal not reviewed, but Detailed Project Description and budget were coordinated with Chief Scientist.

Trustee Council Action

Fund an additional $127,400 for this project ($136,000 was approved by the Trustee Council in August, as a placeholder while the FY 01 effort was being fleshed out). This project will conduct the planning necessary to carry out the Council's decision to dedicate a minimum of $120 million of Restoration Reserve funds in support of long-term monitoring and research in the spill area and adjacent northern Gulf of Alaska. The effort in FY 01 will focus on (a) preparation of a draft GEM monitoring and research plan, using experts as writers and reviewers, (b) progress on the database of historic and ongoing monitoring and research in the Gulf of Alaska, and (c) revisions to the draft GEM science program, following interim review by the National Research Council in February 2001.

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

Restoration Office Tentative Meeting Schedule

December 2000
4-5 Trustee Council Meeting
7 ARLIS Founders Board Meeting
7-9 National Research Council Review Committee - Washington D.C.
12-14 OSR1 Meteorology - Oceanography Workshop - Anchorage
14-15 PISCO Oceanography Meeting, Corvallis, OR

January 2001
16 Trustee Council Meeting
17-18 Coastal Global Ocean Observing System (C-GOOS) Meeting - Charleston, S.C.
30-31 Gulf of Maine Ocean Observing System Workshop - Woods Hole, MA

February 2001
5-9 AK Forum on the Environment
15 FY 2002 Invitation Issue

March 2001
24 12th Anniversary of the spill

May 2001

* tentative meeting dates

For more information on any of the above meetings, please contact the Restoration Office.

12/1/00 A:\new mtgschdle.wpd