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PRELIMINARY DRAFT OF EXECUTIVE DIRECTOR'S RECOMMENDATION FY 97 WORK PLAN (revised 5/30/96)

TOTAL EXECUTIVE DIRECTOR'S RECOMMENDATION:	\$14,774.0	New \$1,039.1
		Cont \$13,734.9
TOTAL DEFER:	\$895.9	New \$300.4
		Cont \$595.5
TOTAL NO REC. YET:	\$680.2	New \$484.7
		Cont \$195.5
TOTAL LOWER PRIORITY:	\$180.0	New \$180.0
		Cont \$0
	\$16,530.1	New \$2,004.2
		Cont \$14,525.9
DEFER CONSISTS OF:		

97007A	Arch. monitoring	\$43.5 (new part)
97012	Killer whales	\$157.5
97025	NVP	\$204.1 (partial)
97165	Herring genetics	\$103.9
97220	PWS wildstock	\$26.0 (new part)
97222	Anderson Creek	\$78.8
97239	Sockeye carcasses	\$127.5 (new)
97247	Kametolook R.	\$18.9 (new)
97256A	Columbia Lake	\$34.4
97256B	Solf Lake	\$16.8
97267	Pt. Graham skiff dock	\$62.5 (new)
97268	Educ. harvest trips	\$22.0 (new)
		\$895.9

NO REC.	YET CONSISTS OF:	
07004	l laukaz anala	

97001	Harbor seals	\$195.5
97093	Pinks	\$484.7 (new)
		\$680.2

LOWER I	PRIORITY CONSISTS OF:	
97231	Marble mur'let	\$180.0 (new)



NOTE:

Amount expected was	\$13,797.5
Total request was	\$33,330.6
Of this,	\$16,729.7 continuing (49 projects)
and	\$16,600.9 new (71 projects)

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL ADMINISTRATIVE RECORD

This summary sheet does not include 1-time projects that will be funded outside of the \$16 million cap.

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Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	FY97 Recom- mended	FY98 Rec.	FY99 Rec.	Total FY97-02 Rec.
Pink Salmon		· · · · · · · · · · · · · · · · · · ·	·		\$1,887.5	\$3,495.4	\$1,860.6	\$809.5	\$238.4	\$2,940.5
97076	Effects of Oiled Incubation Substrate on Straying and Survival of Wild Pink Salmon	A. Wertheimer/NOAA	NOAA	Cont'd 3rd yr. 4 yr. pro	\$619.0	\$623.2	\$618.8	\$234.6	\$0.0	\$853.4
This project during embr marine survi salmon. The series of cor pink salmon factors so th after the spi the return ra when they h during embr investigatior causes herit of pink salm	Abstract examines the effects of oil exposure yonic development on the straying, ival, and gamete viability of pink e objectives are to conduct a related ntrolled experiments on straying of to determine the role of oil and other nat field studies of straying in PWS II can be interpreted; to determine if ate of pink salmon to adult is reduced have been exposed to oiled gravel yonic development; and to continue ns into whether such exposure table damage to reproductive fitness ion.	Chief Scientist's D The greatest value of this an understanding of the straying rates, reproduct developmental stages of weakness is identified by the difficulty of projecting Alaska, and the lack of a straying rates are in fact even more expensive fie complete this project.	Draft Recom s project is f effects of oi ion, and eau pink salmo the review results obt genetic cou lower than d effort will	mendation that it supp I on nomin ly ers still ex ained in S mponent. I projected, be neede	nal / nal / cist, i.e. f E h If can r d to a	Executi Fund conting Although the questions al responsive t unded in FN has been a dollars. This marine surv application t	ve Director's gent on appr e scientific re bout this proj to prior conce (97 to get th significant inv s project will ival of pink sa o salmon ma	Draft Reco oval of a rec viewers hav ect, NOAA I erns and this e most retu vestment of provide use almon that v anagement.	mmendat duced bu- re raised has been s work sh rn out of Trustee ful inform vill have	ion dget. what Council nation on broad

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Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	FY97 Recom- mended	FY98 Rec.	FY99 Rec.	Total FY97-02 Rec.
97093	Restoration of Prince William Sound Pink Salmon by Diversion of Harvest Effort	T. Linley/Prince William Sound Aquaculture Corporation	ADFG	New 1st yr. 5 yr. proj	ject	\$484.7	\$0.0	\$0.0	\$0.0) \$0.0
Pink salm anadromo spill has c salmon re salmon ar hatchery p which may and therel directed a reduce ex project wil timing of h William So	Abstract on egg mortality attributed to oiling of ous streams from the <i>Exxon Valdez</i> oil contributed to a reduction in adult pink aturns. Natural populations of pink the harvested with large numbers of oink salmon in mixed stock fisheries, y limit escapement to damaged streams by delay recovery. This project will be at changes in hatchery production to caploitation of injured wild stocks. The Il focus on changing the location and matchery returns in western Prince bund.	Chief Scientist's Dra It is not clear that this prop exploitation of wild pink sa PWS, though it may have run timing of the chums is timing of wild pink stocks. made on whether altered r releases should be pursue premature. Application of management strategies we direct way to address prob western PWS. This propo the potential to help restor services. The proposing of qualified to do this type of confusion about the relatio Given the current market w salmon and the large cost Trustee Council may also an investment in this proje fund.	aft Recom osal would lmon stoc potential to selected to Until a po- un timing ed, this pro- traditional build proba- lems with sal, howe e commer organization work, but inship with value of pi- of this pro- wish to co- ct is worth	mendation d result in ks in weste o do so if t o coincide licy decision and remot oposal is harvest ably be a m wild stock ver, does h cial fishing on is well there is a project 97 nk and chu ogram, the nsider who while. Do	less E ern w the c with (<i>i</i> on is e re o fre o the c the c	Executi Defer decisi whether this compromise (163), and s cosystem-s in other inju- nother inju- nother inju- stablishing robably noi upplementa- tocks that we recoverin- tocks that we recoverin- toject woul invironmen- mplementa-	ve Director's on on funding supplementa the ability of SEA (/320) pr scale hypothe red resource seals in the M a new salmo t appropriate ation and gen ation is neede in reduced p were injured to g. Any Trust d require com tal Policy Act tion until FY 9	Draft Reco pending fu tion project the NVP (/ ojects to te ses and of s, such as ontague Is n run at Na with respect etics polici- d on whet ressure on by the oil sp ee Council opliance wir (NEPA), w 8.	mmenda urther rev t would 025), AP st their possible Pacific h land area aked Isla ct to ADF es. In ac her this p wild pinl bill, but a support th the Na hich cou	tion view of EX effects erring a. nd is &G ddition, project & salmon ppear to of this ational Id delay

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Proi No	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	FY97 Recom- mended	FY98 Rec.	FY99 Rec.	Total FY97-02 Rec.
97139A1	Salmon Instream Habitat and Stock Restoration - Little Waterfall Barrier Bypass Improvement	S. Honnold/ADFG	ADFG	Cont'd 3rd yr. 5 yr. proj	\$35.0 ect	\$26.4	\$26.4		\$0.C	\$26.4
This proper improvem indicated bypass. The (decrease was comp facilitate in and coho bypass in passage, salmon at	Abstract osal will evaluate the barrier bypass nent at Little Waterfall Creek, as by pink and coho salmon use of the The renovation of the bypass ed grades and addition of resting pools) oleted in FY 96 and is expected to increased spawning habitat use by pink salmon. Studies in FY 97 will include spections to document salmon spawner enumeration, and juvenile bundance monitoring.	Chief Scientist's This project will evaluat improvements to Little it seems appropriate to of the improvements. about the lack of attent competition and interact FY98 funding is contin questions; funding in F Fund as requested in S	The effects Waterfall Cre b determine the However, the tion to interspections with oth gent on addre Y99 is not re 97.	mendation of ek bypass, e performa re is conce ecific ner species essing thes commende	F ance a rn a s. w e n ed. s q ir s	Executi Fund FY 97 Project 9513 vailable sp dditional pi eplacement nodification upplementa nonitoring in uestions ra nterspecific pecies are	ve Director's only, conting 39A1. Project awning habita nk and coho s for salmon k oring and eva , as required ation criteria. n FY 98 will b ised by the C competition a addressed.	Draft Reco ent on rece t is intende at and thus salmon for ost in the of aluation of by the Trus Funding fo e considere thief Scient and interac	mmenda provide provide harvest a il spill. FY the barrie stee Cour or further ed only if ist conce tion with	tion port on pase as a 2 97 will or bypass ncil's orning other
97139A2	Port Dick Creek Tributary and Development Project	N. Dudiak/ADFG	ADFG	Cont'd 2nd yr. 5 yr. proj	\$37.0 ect	\$82.7	\$68.7	\$49.7	\$39.7	\$190.1
The goal of native Pour restoration in June 19 not adequi on-site fis incorporat salmon st Water ten stream ver constructi	<u>Abstract</u> of this project is the restoration of the rt Dick Creek salmon stocks. Actual n of the spawning habitat will take place 996. If natural colonization rates are late to fully seed the restored habitat, h culture techniques will be ted using the native pink and chum tocks to maintain genetic integrity. nperature, water level, salinity and elocity will be monitored. Additional pos ion substrate monitoring is proposed.	Chief Scientist's This is a continuing pro- evaluate the effects of Creek. The increased transport and salmon s past peer review comm additional monitoring.	<u>Draft Recom</u> oject in which improvement funding to mo surival is appr nents. Fund,	mendation it is import s on Port E onitor bedic opriate give including	ant to F Dick F Dad tr en e a a	Executi und conting unding incl ansport mo valuation. vailable sp dditional pi eplacement	ve Director's gent on appro udes new obj onitoring and This project is awning habita nk and chum for salmon lo	Draft Reco oval of redu lectives rela increased s intended at and thus salmon for ost in the oi	mmenda iced budg ated to be salmon fr to increas provide harvest I spill.	tion get. odload y se as a

Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	FY97 Recom- mended	FY98 Rec.	FY99 Rec.	Total FY97-02 Rec.
97139C1-CL	O Montague Riparian Rehabilitation Monitoring	D. Schmid/USFS	USFS	Cont'd 4th yr. 4 yr. proj	\$0.0 ect	\$9.3	\$9.3	\$0.0	\$0.0) \$9.3
The propos 96139C1. close-out y failed. In 1 repaired us Crowded s thinned to monitored. repaired st withstood t spring rund growth, an	<u>Abstract</u> sal for 1997 is a close-out of project Originally, 1996 was to be the year, but some instream structures 1996, the structures which failed will be sing better anchoring techniques. stands of Sitka spruce, which were accelerate growth, will also be In 1997 we propose to monitor the structures to make sure they have the high flows associated with the off, collect the final data on spruce d write the final report.	<u>Chief Scientist's D</u> Final year of this project.	<u>raft Recom</u> Fund.	<u>mendation</u>	F o fc ls tr su fu 9 o	Executiv und. This f a previous or pink salm sland. FY 9 he project (nome of the unds were n 7 funding w ccur.	ve Director's project is des s Trustee Con non and chun 66 was to be t monitoring ar instream stru reprogramme vould allow th	Draft Reco igned to ev uncil effort f n salmon or the final yea nd report wr uctures faile d to repair e desired r	mmenda aluate th to improv n Montag ar of func iting). H ed and th the struc nonitorin	tion e results re habitat lue ling for owever e FY 9° tures. FY g to
97186	Coded Wire Tag Recoveries From Pink Salmon in Prince William Sound	T. Joyce/ADFG	ADFG	Cont'd 9th yr. 11 yr. pro	\$260.5 Dject	\$275.1	\$265.6	\$260.5	\$85.0) \$611.1
There is a that the <i>Ex</i> partially re- to the Sound by hatcher injured wild harvesting availability temporal a fishing are accurate, r hatchery a harvests b hatchery c is importar anticipate injured pop	<u>Abstract</u> growing body of evidence indicating <i>cxon Valdez</i> oil spill has been at least sponsible for weak pink salmon returns nd. Pink salmon runs are dominated y populations, and efforts to restore d populations through selective of hatchery fish depend upon the of data pertaining to the spatial and abundance of wild fish in the different reas of PWS. This project will provide real-time and post-season estimates of and wild contributions to commercial y date and fishing district and also to cost-recovery harvests. This information th for fisheries managers who must the effects of fishing strategies on coulations.	<u>Chief Scientist's D</u> Highly valuable on-going excellent. Fund at origin	raft Recom project. Te hally project	<u>mendation</u> echnically ed level.	F T 9: T fu in tiu	Executing rustee Cours to ensure hermal Mar inds will be formation to ming and lo jured wild s	ve Director's gent on appro incil funding v two years of ss Marking P provided in F that allows fis ocation of con stocks.	Draft Reco oval of redu vill be provi overlap wi roject (/188 FY 99. The heries man nmercial ha	mmenda ced budg ded agai th the Ot). Only o project agers to rvest to	tion jet. n in FY olith close-out orovide vary tl protect

Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	FY97 Recom- mended	FY98 Rec.	FY99 Rec.	FY97-02 Rec.	
97188	Otolith Thermal Mass Marking of Hatchery Reared Pink Salmon In Prince William Sound	T. Joyce/ADFG	ADFG	Cont'd 3rd yr. 5 yr. proj	\$100.5 ect	\$122.4	\$100.5	\$100.5	\$55.0	\$256.0	

<u>Abstract</u>

This project will develop otolith marking as a stock separation tool. All hatchery-produced salmon will be marked using this technique. Recoveries of these marks from returning adults caught in mixed-stock fisheries in PWS will allow improved estimation of the hatchery-wild composition of the catch. Improved estimation will enhance the fishery manager's ability to protect damaged wild pink salmon stocks in mixed-stock fisheries. The project will be conducted over two pink salmon life cycles. Experience with two life cycles is needed to fully develop a program that integrates induced banding code quality, otolith processing rates and costs, and statistical designs for catch sampling.

Chief Scientist's Draft Recommendation

This is an excellent ogoing project. Costs for FY97 have increased over those of last year; additional justification is needed. The capture of juvenile salmon in southwest Prince William Sound is appropriate, but should be done by the SEA program. Fund at level originally projected for FY97.

Executive Director's Draft Recommendation

Fund contingent on approval of revised Detailed Project Description and budget that eliminate Objective #6 (sampling juvenile salmon in southwest Prince William Sound). Trustee Council funding will be provided again in FY 98 to ensure two years of overlap with the Coded Wire Tag Project (/186). Or close-out funds will be provided in FY 99. The project provides information that allows fisheries managers to vary the timing and location of commercial harvest to protect injured wild stocks. Otolith marking is a more accurate and less expensive technology for providing the information now obtained through coded wire tags.

Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	Recom- mended	FY98 Rec.	FY99 Rec.	FY97-02 Rec.
97190	Construction of a Linkage Map for the Pink Salmon Genome	F. Allendorf/Univ. Montana	ADFG	Cont'd 2nd yr. 5 yr. proj	\$250.0	\$267.5	\$254.5			\$254.5
This project linkage ma genetic tra polymorph location of thorough ic understand This reseat with pink s	<u>Abstract</u> of will construct a detailed genetic ap for pink salmon by analyzing the insmission of several hundred DNA isms. The ability to genetically map the oil-induced lesions will allow the dentification, description, and ding of oil-induced genetic damage. inch will also aid other recovery efforts salmon, including estimation of straying	Chief Scientist's D The project proposes sou However, there is inadeq experimental design for a developed genetic market questions. Long-term app genetic markers could be specific link to restoration established in proposal. qualified and talented, bu	raft Recom und technic uate descri- application of ers to mana plications of every valua objectives The investig t new to thi	mendation al approac of the gement f the develo ble, althou is not wel gators are is line of we	ihes. F e p li oped la igh C I 9 ork,	Executi roject will p kely aid res enefit pink ong-term pr council com 7 only.	ve Director's gent on appro provide fundar storation of wi salmon mana oject with nat mitment is to	Draft Reco oval of redu mental info Id stocks o agement in ional impo provide fu	mmenda iced bud rmation f pink sa the futur rtance. nding thr	ation get. This which will Imon and re. It is a Trustee rough F

and it will take time for them to get the new

be made at present to funding beyond FY 97. Concrete evidence of cost sharing by non-EVOS sources is essential for future commitment of EVOS funds. Fund one more year and then review again.

techniques implemented. Continue funding in FY 97, but [reduced budget?]. No commitments should

rates, description of stock structure, and testing

whether marine survival has a genetic basis.

	1						FY97			Total
Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 I Request	Recom- mended	FY98 Rec.	FY99 Rec.	FY97-02 Rec.
9719 1A	Field Examination of Oil-Related Embryo Mortalities that Persist in Pink Salmon Populations in PWS	M. Willette/ADFG	ADFG	Cont'd 9th yr. 11 yr. pre	\$407.0 oject	\$283.4	\$200.0	\$164.2	\$58.7	7 \$422.9
Elevated en populations streams fol These incre annually the suggesting occurred as early devel consequen include phy and reduce populations statistical d oil-contami project wou pink salmon and identify	<u>Abstract</u> mbryo mortalities were detected in s of pink salmon inhabiting oiled llowing the <i>Exxon Valdez</i> oil spill. eased rates of mortality persisted rough the 1993 field season, that genetic damage may have s a result of exposure to oil during lopmental life-stages. The nees of this putative genetic damage vsiological dysfunction of individuals ed reproductive capacity of s. The 1994 field results show no lifference in embryo mortality between inated and reference streams. This ald continue to monitor the recovery of n embryos in the field and would verify y the occurrence of genetic damages.	<u>Chief Scientist's</u> The recovery of pink sa be followed through two odd-year life cycles, an this proposal should go genetic objectives (C a in FY96, and there is n change this plan. The p reduced level that refle C and D	Draft Recom almon stream o even-year a d thus object o forward. How nd D) were to o compelling project should cts eliminatio	mendation s is planne and two ives A and wever, the b be closed evidence to be funded n of object	ed to	<u>Executi</u> Fund conting Project Desc portion of pr but funds we stream sam which represongoing inju	ve Director's gent on appr cription and t oject (Object ere provided pling and em sents the ma ry to and rec	Draft Reco oval of revis oudget that tives C and in FY 96. C bryo mortal jor monitori overy of pir	mmenda sed Deta eliminate D) for wh Continue ity compo ng projec ak salmor	tion iled genetics hich close the onent, ot for th h.
97194	Pink Salmon Spawning Habitat Recovery	M. Murphy and S. Rice/NO	AA NOAA	New 1st yr. 2 yr. proj	ect	\$138.3	\$138.3		\$0.0	\$138.3
This projec contaminat and 1995 b collected in samples co Laboratory the 1989-9 understand documentir subsequen	<u>Abstract</u> to would examine the level of oil tion in pink salmon streams in 1989-90 by analyzing sediment samples in 1989-90 by ADFG and similar bllected in 1995 by the Auke Bay /NOAA. Analysis and comparison of 0 and 1995 data would complete the ding of the injury to pink salmon by ing the initial exposure level and at habitat recovery.	Chief Scientist's This is a good proposa results that clarify the in stages of pink salmon. been stronger if there w between sediment sam studied for embryo mon of the data from this pri- laboratory experiments understanding of wheth salmon streams in 198 early life history stages	Draft Recom I and it may p mpact of the The proposa vas a greater ples and stre rality. Howev oject from sin will allow greater field cond 9 and 1990 w of pink salm	mendation provide the spill on ear al could hav overlap eams that w er, compainilar data fr eater itions in pir vere toxic to on. Fund.	final ly life 9 vere 0 rison rom nk 1 o	Executi Fund conting 95074. This bil obtained 1995 in pink would illumir potentially c bink salmon recommend final report in	ve Director's gent on receip project wou from field san salmon strea hate the role ausing the ob embryos. The ed includes for h FY 97.	Draft Recon pt of report Id tie actual mples in 196 ams to emb of direct exp oserved mul ne level of fu unds for pre	mmenda on Proje concenti 89, 1990 ryo mort posure in ti-year e inding eparation	tion ct rations of , and alities and ffects in of the

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Proi.N	lo. ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	FY97 Recom- mended	FY98 Rec.	FY99 Rec.	Total FY97-02 Rec.
97196	Genetic Structure of Prince William Sound Pink Salmon	J. Seeb/ADFG	ADFG	Cont'd 4th yr. 6 yr. pro	\$178.5 ject	\$236.0	\$178.5			\$178.5
Wild-s suble Valde popul Willia of the devise for re- deline wild p	Abstract stock pink salmon suffered direct lethal and thal injuries as a result of the <i>Exxon</i> ez oil spill. An understanding of the lation structure of pink salmon in Prince im Sound is essential to assess the impact ese injuries on a population basis and to e and implement management strategies storation. This project is designed to eate the genetic structure of populations of bink salmon inhabiting the Sound.	<u>Chief Scientist's</u> This is a good continui contribute much to the stocks in PWS. Howe what level of genetic va management of the sto information on the met mitochondrial DNA wo 70 polymorphic loci are pursue. The investigat qualified but application benefit from closer inte managers. This project Need justification for D original FY 97 estimate	Draft Recom ng project tha restoration of ver, there is a ariability is im ocks. There is hods for analy rk and to iden e most useful tors are techn n of the inform egration with a ct must be mo NA plate reace	mendation t potential pink salm need to d portant for s need for vsis for the tify which or promisi ically well nation wou gency re cost eff ler. Fund	ly will F lon F efine ra more F of the d ng to F ld a ra ective. at	Executi Fund conting Project Dese aised by Ch Judget at the Y 97. Fund on Project 9 letermine g Prince Willia Docation of p mong the s efince pink	ve Director's gent on appro- cription that a hief Scientist, e level of fun ding also cor 5191A. This eographic ex im Sound pin ink salmon s stocks in Prin salmon man	Draft Reco oval of revi addresses f and appro ding origina tingent on project is o tent of gen k salmon. tocks and g ce William agement an	immenda sed Deta cechnical val of rev ally proje receipt o designed etic diffe Knowlec genetic d Sound c reas and	ation illed questions vised cted for if reports to rences in lge of the ilfferences ould help goals.
97209	Examination of Straying of Hatchery Pink Salmon into Wild Populations in Prince William Sound	T. Joyce/ADFG	ADFG	New 1st yr. 2 yr. pro	ject	\$123.9	\$0.0	\$0.0	\$0.	0 \$0.0
There that the partial return way t throug hatch salmo hatch impol mana relea	<u>Abstract</u> e is a growing body of evidence indicating he <i>Exxon Valdez</i> oil spill has been at least ally responsible for weak wild pink salmon hs to Prince William Sound. The most direct to restore the wild pink salmon population is gh intense fisheries management targeting hery fish while restricting the harvest of wild on. An understanding of the straying rate of hery fish into wild salmon systems is rtant for the development of fishery agement plans and the evaluation of remote ise programs for hatchery fish.	Chief Scientist's The objectives of this s examining fish returnin cost. The critical issue gene flow between sal streams, is not addres measurements propos project seems more re management and aqua the restoration program will likely be achieved	Draft Recom study can be r in straying, w mon population sed by the no sed for this pro- lated to norma acultural opera- n, and some of by 97076.	mendation net by s for lesse hether the ons in diffe minal stray oject. This al agency ations thar of its objec	n to	<u>Executi</u> Do not fund. Information for project is clo prestoratio luplicate eff 076.	ve Director's Project is in to fisheries m oser to norma n. In addition orts currently	Draft Reco Itended to lanagers. It agency m n, some of being fund	immenda provide a However nanagem the objec ded unde	<u>ation</u> idditional , the ient the tives r Project

Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	FY97 Recom- mended	FY98 Rec.	FY99 Rec.	Total FY97-02 Rec.
97228	Quantitative Genetic Assessment of Embryo Mortality and Developmental Stability in Offspring of Oiled Pink Salmon	B. Smoker/UAF	NOAA	New 1st yr. 3 yr. proj	ect	\$96.7	\$0.0	\$0.0	\$0.C) \$0.0
A quantita mortality a stability wi parameter correlation variation) pink salmo because ti change ca an augme out by NO	<u>Abstract</u> tive genetic analysis of embryonic and other measures of developmental ill be carried out. Estimates of genetic rs for mortality (heritability, genetic n, non-additive and maternal sources of will be important for management of on resources during restoration hey predict the rate at which genetic an be expected to occur. This project is ntation of project /076 being carried AA.	<u>Chief Scientist's</u> Proposal should not be expansion of technical quantitative genetic me approaches to measur Do not fund.	<u>Draft Recom</u> funded with approach to ethods and all ing developm	mendation out further discuss ternative ental insta	bility.	<u>Executi</u> to not fund te project's	ve Director's based on Chi technical app	<u>Draft Reco</u> lef Scientis proach.	<u>mmenda</u> t's evalua	<u>tion</u> ation of
97284	Restoration of Prince William Sound Pink Salmon through Test Fishery Project	B. Henrichs/Native Village Eyak	of DOI	New 1st yr. 3 yr. proj	ject	\$511.8	\$0.0	\$0.0	\$0.0) \$0.0
Pink salm anadromo spill has c salmon re salmon ar hatchery p which may and therel evaluate t production stocks. S the location western P	<u>Abstract</u> on egg mortality attributed to oiling of ous streams from the <i>Exxon Valdez</i> oil ontributed to a reduction in adult pink turns. Natural populations of pink e harvested with large numbers of bink salmon in mixed stock fisheries, y limit escapement to damaged streams by delay recovery. This project will he feasibility of changes in hatchery n to reduce exploitation of injured wild pecific projects will focus on changing on and timing of hatchery returns in trince William Sound.	<u>Chief Scientist's</u> This project would con streams in Prince Willis populations of pink and developing hatchery ru timing. Altered runs co on wild stocks in weste alternative approach w time and area fishery of decision is made on w remote releases shoul premature. The propo the work. To be most proposals should indic existing information at identify the desired will	Draft Recom duct surveys am Sound in d chum salmo uns with altere buld alleviate ould alleviate ould be to us closures. Unt hether altered d be pursued sers are qual cost effective ate the exten ADF&G can here	mendation of salmon order to loc on to use in ed location harvest pre- liam Sound e aggressi il a policy frun timing this propo- fified to carr , any future to which be used to . Do not fu	cate re and essure d. An ve g and osal is ry out e	Executi to not fund ecommend	<u>ve Director's I</u> based on Chi ation.	<u>Draft Reco</u> ef Scientis	<u>mmenda</u> t's	<u>tion</u>

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Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	FY97 Recom- mended	FY98 Rec.	FY99 Rec.	Total FY97-02 Rec.
97321-BAA	Model Integration of Pink Salmon Restoration	C. Coutant and W. VanWinkle/Oak Ridge National Laboratory	NOAA	New 1st yr. 2 yr. proje	ect	\$214.0	\$0.0	\$0 .0	\$0.0) <u></u> \$0.0
This project pink salmon of oil-spill ef model to pre populations disturbance incubation s changes in year would and manage the size of h supplement regulation o	<u>Abstract</u> would develop a population model of to integrate field-based knowledge fects. The first year would develop a edict the recovery rate of pink salmon in response to oil spills and similar s by integrating impacts on success, straying, adult mortality, and food web dynamics. The second use the model to evaluate restoration ement strategies including variation in natchery smolt releases, ation of spawning habitat, and f fishing.	Chief Scientist's D This is a technically soun much of the available info studies into a pink salmo Prince William Sound. T some of the synthesis eff results of past studies to management of this impo project will make its great coordinated with other sy 1997 and beyond.	raft Recom d proposal prmation fro n productio his model s ort needed bear on fut prtant resou test contrib ntheses eff	mendation to integrate m ADF&G n model; fo hould provi to bring the ure rce. This ution if it ca forts planne	e D s r H ide ir e ir n be ed for	<u>Executi</u> o not fund olid idea ar lowever, ef ntegrate info nitiated und	ve Director's I as a separate ad are well qu forts to develo ormation gath er Project /30	Draft Reco project. F alified to ca pp ecologic ered in EV 0 in FY 97.	mmenda Proposer arry it out al mode OS studi	tion s have a s that es will be

_	Proj.No. ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	FY97 Recom- mended	FY98 Rec.	FY99 Rec.	Total FY97-02 Rec.
Γ	Pacific Herring				<u>\$</u> 930.6	\$1,222.7	\$534.9	\$437.6	\$0.0	\$972.5
	97162 Investigations of Disease Factors Affecting Declines of Pacific Herring Populations in Prince William Sound	G. Marty/UC Davis; R. Kocan/UW, C. Kennedy & A. Farrell, Simon Fraser Univ.	ADFG	Cont'd 3rd yr. 4 yr. proj	\$510.6 ect	\$538.3	\$512.5	\$437.6	\$0.0	\$950.1
	<u>Abstract</u> Field and controlled laboratory studies will focu on viral hemorrhagic septicemia virus and <i>lchthyophonus hoferi</i> , a pathogenic fungus, to determine their role in the disease(s) and mortality observed in Prince William Sound herring since 1993. Herring will be monitored throughout the year for signs of disease and immune status, while specific pathogen-free herring will be used to determine the degree of mortality, blood chemical changes, and pathogenicity produced by these organisms alone and in combination with exposure to stressors such as petroleum hydrocarbons, temperature and crowding.	Chief Scientist's D This is a technically exce is contributing greatly to o causes of the population 1993-94, and the recover pathogenic effects. The in qualified, with laudable pr project appears to be cos reductions of approximat possible without sacrificin the program. Fund.	raft Recom llent ongoir our underst crash of he y of the po nvestigators ublication re st-effective, ely \$20k ap ng the overa	mendation ng program anding of t erring in pulation fro s are well ecords. The although opear to be all objective	n that F he T om c t e C F es of	Executing Fund conting This project exposure and lisease and Jnderstandi of recovery i population in the herring fi	ve Director's gent on appro investigates ad disease in the herring p ng the cause is important f Prince Willia ishery.	Draft Reco oval of a red the potentia herring, an oopulation c es of the ded or restoratio am Sound a	mmendati duced buc al link betw d betweer lecline in cline and f cline and f and resum	on Iget. veen (PWS. the lack terring tion of
	97165 Genetic Discrimination of Prince William Sound Herring Populations	J. Seeb/ADFG	ADFG	Cont'd 3rd yr. 4 yr. proj	\$120.0 ect	\$121.9	\$0.0	\$0.0	\$0.0	\$0.0
	<u>Abstract</u> The Prince William Sound herring fishery has been in catastrophic decline since 1992. The Alaska Department of Fish and Game recoven effort includes incorporating a knowledge of genetically-derived population structure into harvest management. This continuing project delineating the structure of Prince William Sou population(s) and related North Pacific populations using both nuclear and mitochond DNA analyses. Tests for temporal and spatial diversity within years and temporal stability acr years will be conducted.	<u>Chief Scientist's D</u> Similar to the pink salmon there is a need to identify variability is important for to management. This is should go forward. Howe not provide enough detai data will be analyzed. Th be very cost effective. For ial	raft Recom n genetics p a twhat lev application a good prop ever, the pro- l on how the nis project a und, but at	mendation project (97 vel genetic of these r posal and i oposal doe e microsat appears no a reduced	196), E esults s t S es a ellite c t to F level. in	<u>Executi</u> Defer until F continuation should be co 05191A and address bas composition Pacific popu mportant to genetically d	ve Director's Y 96 results of the project ontingent on 1 95255. Proj ic questions of PWS herr lations. Whe know whethe listinct popula	Draft Reco have been at is recomme receipt of th ect 97165 is about the g ing in relation on setting has er there exist ations.	mmendati analyzed. hended, fu e reports s intended enetic on to othe arvest limi sts one or	on If Inding due on I to r North ts, it is more

Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	FY97 Recom- mended	FY98 Rec.	FY99 Rec.	Total FY97-02 Rec.
97166-CLO	Herring Natal Habitats	M. Willette/ADFG	ADFG	Cont'd 4th yr. 6 yr. proj	\$300.0 ject	\$260.7	\$22.4	\$0.0	\$0.0	\$22.4

<u>Abstract</u>

The Exxon Valdez oil spill coincided with the spring migration of Pacific herring to spawning grounds in Prince William Sound. Studies of oil spill injuries to herring documented damage from oil exposure in adult herring, reduced hatching success of embryos, and elevated levels of physical and genetic abnormalities in newly hatched larvae. The PWS herring spawning population has drastically declined since 1993, and pathology studies implicated viral hemorrhagic septicemia (VHS) and ichthyophonus as potential sources of mortality as well as indicators of stress. This project will monitor the abundance of the herring resource in PWS using SCUBA and hydroacoustic techniques.

Chief Scientist's Draft Recommendation This project has been carried out for several years since the oil spill to provide basic information about the spawning biomass of Pacific herring in PWS. The proposal for FY 97 would compare egg-based estimates of biomass with biomass estimates obtained from acoustic methods. The reviewers have fundamental questions about the treatment of within-diver variability in the egg estimates and the rigorousness of methodologies for comparisons of techniques for obtaining biomass estimates. The degree to which this project provides data needed by the SEA program is unclear, but may be significant. It has previously been recognized that much of this work is a matter of normal agency management, but there also are questions about the significance of these results to meeting on-going management needs. Defer funding for any new work pending a detailed description of data needed, if any, to support the SEA project (/320); otherwise provide limited close-out funds for a final report.

Executive Director's Draft Recommendation

Fund close-out of the FY 96 project. The current project's objective is to estimate the spawning biomass of herring. The Trustee Council funded this project in FY 96 with the expectation that the project would test a technique for improving management of the herring resource and also would transition to a different funding source beginning in FY 97. The Chief Scientist's recommendation in FY 96 was to provide one year of funding. After reviewing the results of the project and the proposal, the Chief Scientist has raised significant technical concerns about the project that cast doubt on its potential to improve management of the herring fishery. The greatest potential restoration benefit of this project is in providing data to support the Sound Ecosystem Assessment (97320). Do not fund new work unless the Chief Scientist determines that the data that would be collected would support 97320 or are essential for protection of the injured herring resource. If any new work is recommended, funding should be contingent on receipt of the report due on 93024.

	ł						FY97			Total
Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	Recom- mended	FY98 Rec.	FY99 Rec.	FY97-02 Rec.
97168-BAA	Restoration of Commercial Fishing Services: Social Ecology of the Herring Fishery in Prince William Sound	M. Downs/Impact Assessmen Inc.	^{t,} NOAA	New 1st yr. 1 yr. proj	ect	\$235.0	\$0.0	\$0.0	\$0.0	D \$0.0
Commercial Valdez oil sp restoration o about pre- a activity, focu The working restoration o is based on factors. Stat profile the pr Interview da describe the social and en restoration o fishery servit	<u>Abstract</u> fishing was disrupted by the <i>Exxon</i> oill. This project addresses the of that service by developing data and post-spill commercial fishing sing on the PWS herring fishery. hypothesis of this proposal is that of commercial herring fishing services socioeconomic as well as biological tistical data about the fishery will re- and post-spill patterns of fishing. ta with fisheries participants will dynamics of the fishery and the conomic factors that affect of the herring fishery and commercial ces.	Chief Scientist's Dr The socioeconomic impact fishery in PWS is of intere Council has chosen to res themselves as the primary services, such as comment project's methods seem re reviewers were not persus depth and scope is neces value is to document the s the herring fishery with res aid in the evaluation of wh commercial fishing is rest of the herring resource (w However, this project wou restore either the resource fund.	aft Recom t of the co st. However tore the re- rical fishing easonably aded that a sary. Inder- socioeconces spect to the socioeconces pred follow hen that he Id do nother e or the se	mendation illapsed he ver, the True sources f restoring g. Althoug sound, the a project of ed, its prin pric histor e oil spill a service of ving restora appens). ing to direct rvice. Do the	rring E ustee a tt h this s e o i this nary y of nd to ation ctly not	Executi Do not fund. ffecting the daptations he lack of p ignificantly r the comm	ve Director's This project recovery of that fishers a roduct, but w to the restora hercial herring	Draft Recon t would inve the herring and process rould not co ation of the g fishery.	mmenda estigate f fishery, i ors have ntribute herring r	actors including made to resourc
97248	Collection of Historical Data and Local Environmental Knowledge of Forage Fish and Herring	J. Seitz	ADFG	New 1st yr. 1 yr. proj	iect	\$66.8	\$0.0	\$0.0	\$0.0	D \$0.C
Using person this project we contemporate herring and information of file of mappe of textual information cycle of the be provided APEX.	Abstract nal interviews, surveys, and mapping yould collect historical and ry knowledge about the ecology of other forage fish and map on their distribution; create an ascii ed data; and create a subject index formation on the ecology and life fish by species. Data and reports wil to participating projects SEA and	Chief Scientist's Dr This project could contribu- of confidence in fish resolu- users, and possibly provid- using traditional knowedg The institutional arrangem management responsibilit defined, and it may be be project with other efforts a traditional ecological know proposal after assessmen- ecological knowledge project	aft Recom Ite to the r Irces by su- le information e of pre-spondents and p ies are inangles are inangles neficial to f Ittempting viedge. Re- t of all trace ects	mendation edevelopm ubsistence tion on rece bill abundar project dequately formally line to develop consider re ditional	hent E povery w nce. e k this evised	Executi Do not fund roposal in f vill address cological k	ve Director's as a separate the context of comprehensi nowledge in t	Draft Recol e project. E 97352, a n ively the us he restorati	mmenda Evaluate lew proje e of trad on progi	ttion this ect that itional ram.

	1		Lead	New or	FY97	FY97	FY97 Recom-	FY98	FY99	Total FY97-02
Proj No.	ProjectTitle	Proposer	Agency	Cont'd	Expected	Request	mended	Rec.	Rec.	Rec.
SEA and Re	elated Projects				\$3,685.0	\$4,988.0	\$3,828.2	\$2,558.0	\$115.0	\$6,576.2
97195	Pristane Monitoring in Mussels	J. Short/NOAA	NOAA	Cont'd 2nd yr. 5 yr. proj	\$85.0 ect	\$115.3	\$111.8	\$115.0	\$115.0	\$416.8
This project mussels a year-class and to ider marine hal	<u>Abstract</u> ct will continue to monitor pristane in s an indirect index of potential strength for pink salmon and herring ntify critical pink salmon and herring bitat in Prince William Sound.	Chief Scientist's I Excellent proposal that development of a meas importance of copepod web, and therefore in in fish (Pacific herring and The investigator has a g EVOS process and the publishable in a first line has been excellent. The reasonable. Fund, but of rather than 5 years of T pending subsequent even	Draft Recom holds good p urement for production in terannual va pink salmor good track re work promis o journal. Pro e cost of the defer commi rustee Coun aluations of p	mendation promise for the annual n PWS food triability of I n) productio ecord in the es to be ogress to d work is ver tment to 6 cil support, progress.	f ti arval ti on. p on. p ate a ry	Executing Fund conting rack. Collect nay provide hus allowing production a community i participants and production	ve Director's gent on repo ting and me a simple m g predictions ind harvest nvolvement in the Youth ng an inform	<u>s Draft Reco</u> ort on Projec easuring pris easure of ma s about futur levels. Proje component, a Area Watch national broc	mmendat t ST8 bei tane in m arine proc e fisherie ct has go working working n (Project hure.	tion ng on ussels ductivi s od with the /210)
97243	Water Resources of Prince William Sound	J. Dorava/USGS	DOI	New 1st yr. 4 yr. proj	ect	\$814.5	\$0.0	\$0.0	\$0.0	\$0.0
This project water reso hydrology, indicators analysis of quantity ar of streams <i>Exxon Val</i> present co for monitor information restoration	<u>Abstract</u> ct will provide a baseline of existing purce conditions using an integrated water chemistry and biological health approach. This information will permit f long-term trends of both water and quality in order to monitor recovery that may have been affected by the dez oil spill. Along with assessing ponditions and establishing a baseline ring trends, this study will provide an needed for damage assessment and h.	Chief Scientist's I While some of the result useful for some restorat proposal is not directly of Those results that are re- are not critical to those expensive, and there are and analytical design.	Draft Recom ts of this wo tion projects, related to EV elated to EV projects. Th re questions Do not fund.	mendation rk might be much of th OS objecti OS objectiv is project is about sam	nis c ves. F /es r s very p ple r	<u>Executi</u> Do not fund. Juantity and Prince Willia estoration coroject is ve aised quest	ve Director's This project quality of fr m Sound, is of an injured ry expensive tions about i	s Draft Reco ct, which wo eshwater dis not clearly l resource. In e and the Ch ts technical o	mmendat uld asses charging inked to n addition ief Scien design.	to s the to t, the tist

1	ł		Lead	New or	FY97	FY97	Recom-	FY98	FY99	l otal FY97-02
Proj.No.	ProjectTitle	Proposer	Agency	Cont'd	Expected	Request	mended	Rec.	Rec.	Rec.
97303-BAA	Sentinel Program for Walleye Pollock in the Greater Prince William Sound Area	G. Thomas, T. Kline/Prince William Sound Science Center	NOAA	New 1st yr. 5 yr. proje	ect	\$120.5	\$0.0	\$0.0	\$0.0	\$0.0
	Abstract	Chief Scientist's Dra	aft Recom	mendation		Executi	ve Director's	Draft Reco	mmenda	tion

This project will improve stock assessment information on walleye pollock in PWS. Improved stock information will reduce the risk of over-exploitation, promote sustainable harvests and examine the possibility of setting multiple species exploitation rates as a recovery tool for injured resources. A hydroacoustic-midwater trawl survey will be conducted in the late winter to estimate the pollock biomass in locations that have been previously recognized as spawning areas. By using commercial vessels as partners to assess the biomass of spawning concentrations of fish, the people fishing will be involved in the decision-making process. Local knowledge and scanning sonars will be used to locate and map the walleye pollock stocks.

Personnel and institutions are well qualified and the concept of a sentinel fishery of this nature is a good idea. Although this project is basically sound, there are a number of technical questions, such as likely difficulties in detecting among-survey differences and in comparing the efficacy of the fishery against the acoustic survey. There also is fundamental concern that basic stock assessment for pollock should be a normal agency management function and there is little connection between this project and restoration objectives identified by the Trustee Council. Do not fund.

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Executive Director's Draft Recommendation

Do not fund. This project, which would conduct population assessments of adult walleye pollock, is not clearly linked to the restoration objectives identified by the Trustee Council. In addition, the Chief Scientist raised questions about the project's technical efficacy.

Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	Recom- mended	FY98 Rec.	FY99 Rec.	FY97-02 Rec.
97320	Sound Ecosystem Assessment (SEA)	T. Cooney, et al.	ADFG	Cont'd 4th yr. 6 yr. pro	\$3,600.0 ject	\$3,766.4	\$3,716.4	\$2,443.0		\$6,159.4

<u>Abstract</u>

Chief Scientist's Draft Recommendation

This project is describing mechanisms of mortality for juvenile populations of pink salmon and Pacific herring in Prince William Sound. This information is being used to create a series of dynamical numerical models and an attendant nominal monitoring program to affect the restoration of these species through management options. The mechanisms influencing the distribution and growth rates of juveniles are being investigated by oceanographic studies. Mechanisms of predation and starvation are being studied by fisheries scientists and marine ecologists. This is an excellent program that has undergone independent and thorough technical review annually. The program should better articulate the practical benefits and applications to be derived from the research, including a schedule for production of potential management tools. Key parareters for routine monitoring of the system to determine likely productivity of pink salmon and herring need to be identified. Continued improvement of the interaction between the modelers and the field scientists is required, as is a plan to integrate the results of SEA with the work of APEX and NVP. In terms of the long-range scope of the program, resolution of the major hypotheses will be necessary over the next year prior to decisions about FY99 funding.

Executive Director's Draft Recommendation

Fund contingent on approval of a revised budget. The program is entering its fourth year and significant progress has been made to address the central SEA hypotheses. The program is now at a turning point when field work is transitioning to modeling and analysis, and close-out of most SEA work is project for FY 98. Further herring research beyond FY 98 is uncertain and must be reevaluated in the context of other herring work and other restoration proposals. A key issue to be addressed in FY 97 is ensuring that SEA predictive models are useful to/used by resource managers. Further interaction between SEA investigators and resource managers appears needed. Clarification of any long-term data collection and monitoring to support predictive models is also critical to ensure that models can be maintained over time. On-going efforts to integrate the major ecosystem research projects (SEA, NVP and APEX) should be pursued during FY 97 and used to guide future funding decisions. In recognition of additional funding for data and modelling work in FY 97 (\$207,000), total SEA funding in FY 98 is projected be \$2,443,000 (including agency administrative costs). FY 98 will be the final year for most SEA projects and minimal funding is anticipated for closeout and synthesis in FY 99.

Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	FY97 Recom- mended	FY98 Rec.	FY99 Rec.	FY97-02 Rec.
97322-BAA	Jellyfish as Predators and Competitors of Age-0 Fishes	T. Kline/Prince William Sound Science Center, J. Purcell/U of Maryland	NOAA	New 1st yr. 4 yr. proj	ect	\$171.3	\$0.0	\$0.0	\$0.0) \$0.0
At high dens populations and may be direct preda well as by co project woul predators ar Pacific herrin populations to the <i>Exxor</i> accomplishe research cru which zoopla gelatinous z densities wil	<u>Abstract</u> sities, jellyfish can seriously affect of zooplankton and ichthyoplankton, detrimental to fisheries through tion on the eggs and larvae of fish as ompetition for food with fishes. This d examine the roles of jellyfish as nd competitors of fishes, especially ng and pink salmon, whose have not recovered from injury due <i>n Valdez</i> oil spill. This will be ed by participating in ongoing SEA uises in Prince William Sound, in ankton, ichthyoplankton, and ooplankton distributions and Il be determined.	<u>Chief Scientist's Dra</u> This is a good project, but questions about sample de jellyfish as a predator on ju juvenile herring is highly sp not sufficient evidence pre- justify a full-scale investiga preliminary survey might b priority in FY 1997. Do not	aft Recom there are esign. The venile pin beculative sented in tion. A n e justified. t fund.	mendation significant importand k salmon a , and there this propos nore limited , but is a le	Ce of o and ju is S sal to d d sser	<u>Executi</u> Do not fund. If jellyfish as uvenile herr Scientist rais lesign.	<u>ve Director's I</u> The justifica s a predator o ing is not clea sed questions	<u>Draft Reco</u> tion for inv n juvenile tr. In addit about the	mmenda estigatin pink saln ion, the (project's	tion g the role non and Chief technical

	Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	Recom- mended	FY98 Rec.	FY99 Rec.	FY97-02 Rec.
S	ockeye Saln	non				\$391.0	\$1,390.1	\$422.2	\$7.1	\$0.0	\$429.3
9	7048-BAA	Analysis of Historical Sockeye Salmon Growth Among Populations Affected by Overescapement in 1989	G. Ruggerone/Natural Resources Consultants, Inc.	NOAA	Cont'd 2nd yr. 1 yr. proj	\$0.0 ect	\$31.9	\$0.0	\$0.0	\$0.0	\$0.0
	Overescape several area Valdez oil sp have reduce survival in fro- information of confounds th adult sockey scale growth the first and with adult re- marine grow populations separate fre- returns.	<u>Abstract</u> ment of sockeye salmon occurred in is of Alaska following the <i>Exxon</i> bill. Overescapement appears to d salmon growth, leading to reduced eshwater. However, the lack of on marine survival of salmon ne interpretation of oil spill effects on re returns. Research has shown that of Chignik sockeye salmon during second years at sea is correlated turns. This project will analyze th of nine populations, including five affected by the oil spill, in an effort to shwater and marine effects on adult	Chief Scientist's Dr. This project is a continuat highly rated on technical r provides benefits in terms damages to sockeye salm this project was proposed funding, and any additiona lower priority.	aft Recom ion of a pro nerit at its of unders ion popula only for a al support s	mendation ogram that initiation ar anding tions. How single year should be a	was D Ind ir www.ever, p rof o a to	<u>Executi</u> Do not fund. Information of vas funded roject in FY bjectives, ti cover cos Council took	ve Director's I This project, on overescap by the Truster 96. Althoug he funds requ t overruns ex action in FY	Draft Reco which is s ement of s e Council a the projection ested for F perienced s 96.	mmendat ynthesizi ockeye sa is a one- <u>-</u> ct has wo Y 97 are since the	ion ng almon, /ear rthwhile primarily Trustee

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	1		Lead	New or	FY97	FY97	FY97 Recom-	FY98	FY99	Total FY97-02
Proj.No.	ProjectTitle	Proposer	Agency	Cont'd	Expected	Request	mended	Rec.	Rec.	Rec.
97239	Salmon Carcasses and Juvenile Chinook Salmon Production in the Kenai River Ecosystem	D. Schmidt/ADFG	ADFG	New 1st yr. 2 yr. proj	iect	\$136.8	\$0.0	\$0.0	\$0.0) \$0.0
This project salmon card production v potential syn escapement productivity, restoration of of the role s life history of production r nutrient add important fe ascertain if the chinook salr	Abstract would investigate the role sockeye casses play in primary and secondary within the Kenai River and the mbiotic role sockeye salmon ts have on nutrients and secondary . An ecosystem approach to of this system requires examination almon carcasses play in freshwater of other species. Chinook salmon may be positively influenced by litions to the Kenai River. An eature of the Kenai River studies is to there are significant benefits to mon juveniles with increased ts.	Chief Scientist's I This is a technically very explore the fertilizing eff the Kenai R. ecosystem However, the proposal of wider ecological perspect questions to include effe The experimental design possible revision. Inves qualified and productive responsive to public inte sustaining Kenai R. fishe evaluates broad effects overescapement, which economically (to Chinoo	Draft Recom y good proper ect of socke , including C could benefit ctive and exp ects on socke n needs elab tigators are . The propo eriest in resto eries. Prope of sockeye may be eco k fishery) be	mendation bsal that wi ye salmon chinook Sa from takin panding the eye cycling boration an extremely sal is ring and bsal also logically an eneficial. F	ill D on p Imon. p ig a S e c g e c d to well R well R s m nd R	Executi refer decisi roject's fea rovided and cientist are ontingent of xceed \$12' o an ecosyster scapement roduction of ought by the nanagers in iver syster	ve Director's on on funding sibility and m d technical co addressed. In approval of 7.5. This proj stem-level und n by examinin to other in-riv of chinook salu is project woo setting esca n.	Draft Reco until more anagement incerns ide If funded, f a reduced ect is inten derstanding the bene ver process mon. The uld be used pement go	mmenda informat applicat ntified by unding s budget to ded to co ded to co ded to co g of the H fifts of so ses, for e ses, for e nformati by fishe als for th	tion tion on tion are c Chief hould be not to contribut Kenai tekeye example on eries e Kenai
97251	Akalura Lake Sockeye Salmon Restoration	S. Honnold/ADFG	ADFG	New 1st yr. 6 yr. proj	ject	\$388.7	\$0 .0	\$0.0	\$0.0) \$0.0
This project Akalura Lak assessment evaluation of parameters through the techniques survival and	Abstract would restore natural production of the sockeye salmon through: 1) further t of lake rearing environment and of juvenile and adult life history limiting sockeye production; and 2) use of established restoration to increase juvenile abundance, d adult production.	Chief Scientist's I This project is appropria management. However restoration objectives ar is not clear that continue escapements to Akalura light of limnological and not fund.	Draft Recom te for sustai , it lacks link nd injury fron ed depresse a Lake is an smolt produ	mendation ned salmo cage to n the oil sp d status of oil spill effe ction data.	n D re pill. It C adult ect in Do	Executi to not fund. estoration c council.	ve Director's Project has objectives esta	<u>Draft Reco</u> weak link t ablished by	mmenda o EVOS o the Trus	<u>tion</u> and stee

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Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	Recom- mended	FY98 Rec.	FY99 Rec.	FY97-02 Rec.
97254	Delight and Desire Lakes Restoration Project	N. Dudiak/ADFG	ADFG	New 1st yr. 6 yr. proj	ect	\$129.3	\$122.2	\$7.1	\$0.0	\$129.3
The project currently de Delight and Application forage bas through nu result woul smolt with survival rat	<u>Abstract</u> t would accelerate the recovery of the epressed wildstock sockeye salmon of d Desire lakes through lake fertilization of liquid fertilizer would increase the e for rearing sockeye salmon fry trient enrichment. The expected d be larger, more numerous sockeye a corresponding increase in marine tes.	Chief Scientist's This appears to be, in the resource replacement prisk that the fertilization may not actually be have make them suitable replacement be appropriate if enouge answered to reduce the	Draft Recom heory, a reas proposal. How may not wo rvestable at a placements. h questions of e risk of proje	mendation onable vever, ther rk and the time that v Funding m can be ct failure.	re is a p fish a would a nay S fi a nay S fi c fi a fi a fi a fi a fi a fi a fi a	<u>Executi</u> Fund pre-fer plus report v approval of a addresses the Scientist, (2) Game and/c Development other source of the project a reduced le Delight and commercial The lakes and ands, and the corporation.	ve Director's I tilization stud vriting costs in a revised Deta the technical c the Alaska D or the Lower C at Association to funding t, and (3) app vel. The project and sport fish re located on the project has	Draft Reco y only (one i FY 98), c ailed Project oncerns ra pepartment cook Inlet F obtaining the lake fe proval of a sect is design to their forr peries in low Port Graha s been end	mmendal year of t ontingent ct Descrip- ised by th of Fish a Fisheries commitm rtilization revised b ned to re ner roles wer Cook am Corpo orsed by	tion funding, t on (1) ption that he Chief and ents from phase udget at store in the Inlet. the
97255-CLO	Kenai River Sockeye Salmon Restoration	L. Seeb, J. Seeb, K. Tarbox/ADFG	ADFG	Cont'd 6th yr. 6 yr. proj	\$100.0 ect	\$193.3	\$100.0	\$0.0	\$0.0) \$100.0
This is a cl 6-year proj sockeye sa assessmer regulation o study are o manageme sockeye sa	<u>Abstract</u> ose-out project. The goal of this ect is restoration of Kenai River almon through improved stock at capabilities and more accurate of spawning levels. Results from this currently being used in the ent and restoration of Kenai River almon injured in the oil spill.	<u>Chief Scientist's</u> This is a technically so stock assessment and are those which salmon programs routinely req supported the develop applied by this project of theory that their applica harvest management of salmon stocks. At this is catastrophically low sa further restoration effor remote. Do not fund	Draft Recom und proposal stock identifie n harvest man uire. The Tru- ment of the to over several y ation would be of depressed a time, the risk lmon runs wh rts would app	mendation However, cation prod nagement stee Cound ols being years on the essential and damag of ich warran bear extren	the F lucts a cil has r to a ged F nely F	Executi Fund project and properation reports on properts on pro- concludes a spawning let assessment be taken ove Game as pa The informa by fisheries openings in River and of stocks, which were greatly	ve Director's I t close-out (co tion of final re- val of a reduc rojects 95191 5-year effort vels using imp capabilities. er by the Alas int of its norma- tion provided managers to in order to impro- her Upper Co- ther upper Co- receeded fol	<u>Draft Reco</u> mpletion of port/manu- ed budget A and 952 to more ac proved soc Continuati- ka Departr al manager by this pro modify fish pove manag ok Inlet so d when esc llowing the	mmendal of data and script) co and (2) r 55. This curately i keye salr on of effo nent of effo nent resp ject is be ing areas ement of ckeye sa capemen oil spill.	tion alysis ntinge ecceipt regulate mon stock ort should ish and consibility. ing used and Kenai Imon t goals

Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	FY97 Recom- mended	FY98 Rec.	FY99 Rec.	Total FY97-02 Rec.
97258A-CLO	Sockeye Salmon Overescapement Project	D. Schmidt/ADFG	ADFG	Cont'd 7th yr. 10 yr. pro	\$150.0 oject	\$289.9	\$150.0	\$0.0	\$0.0	\$150.0
This proposa Kodiak Island monitoring pro- salmon. The evaluation of of the key va production. directed at co- analysis and database. The production m	<u>Abstract</u> al is a close-out budget for the d sockeye salmon studies and a rogram for Kenai River sockeye e Kenai studies will focus on f existing data and limited monitoring riables affecting sockeye Most of the project's funding will be ompleting the FY 96 Kodiak sample evaluation of the existing Kenai hese studies are developing nodels for restoration of the system.	Chief Scientist's I This project has produce relevant to the evaluatio overescapement. Our al understanding is limited estimates achieved with acquisition technologies production model for the salmon that accounts fo relevant to restoration o management control of adequate in the absence identified in this proposa recovery and restoration Council was to develop capabilities for damaged has been achieved. Do	Draft Recom ed much scie n of the effe bility to gain by the unce n state-of-the c Developme kenai Rive r trophic inte bjectives. Ha the system e of the work al. The strate n effort of the enhanced m d resources, not fund.	mendation entific evide cts of additional rtainty of e-art data ent of a r sockeye eractions is arvest appears to c products gy for the e Trustee nanagemen and that go	ence F re c p re to not th be o m ir not th al	Executi und project eport/manu lose-out fur rovided in I evised Deta effect close o examine t ne Kenai Ri n Kodiak Is bjective, wh nanagement njured by th	ve Director's t close-out on script on Ken nds for Kodial Y 96) conting ailed Project E out only. Thi the effects of ver system and land. The pro- nich was to de t capabilities e oil spill.	Draft Reco ly (prepara ai Peninsu k Island stu gent on ap Description is conclude sockeye ov nd in Red a oject has m evelop enh for sockeye	mmendal tion of fin la studies udies were proval of and budg es a 3-yea verescape and Akalu net its prin anced e populat	tion hal s; a get the get the get the sement in fra lakes mary ions
97259-CLO	Restoration of Coghill Lake Sockeye Salmon	G. Kyle/ADFG	ADFG	 Cont'd 5th yr. 7 yr. proje 	\$141.0 ect	\$220.2	\$50.0	\$0 .0	\$0.0	\$50.0
Returns of so declined from less than 10, 1993, the Tra to fertilize Co levels, which sockeye gro would contin	<u>Abstract</u> ockeye salmon to Coghill Lake have in a historical average of 250,000 to 000 in recent years. Beginning in ustee Council has funded a program oghill Lake to increase zooplankton in turn would benefit juvenile wth and survival. This proposal ue the fertilization effort.	Chief Scientist's I This program was initia sockeye salmon run in (fertilization and supplem secondary productivity i acceptable level, smolt acceptable level, and ac optimum range are bein objectives have therefor addition, I continue to be of high levels of returnin 1995 annual report) whi restoration benefits. Do	Draft Recom ted in 1993 f Coghill Lake nentation. Pr n the lake is production is dult escapen g produced. e been achi e concerned g adults (se ch comprom not fund.	mendation to restore the through imary and now at an at an hents within Restoration eved. In about harv e Table 1 in ise the	ne F C D T on fe n fe n a o o n a o	Executi und project ontingent of bescription roductive con- roductive con- rustee Con- ertilization, rimary and t acceptable cceptable i ptimum rar	ve Director's I t close-out (pr n approval of and budget th des a 4-year e apacity of Co uncil originally the project ha secondary pr e levels, smo evel, and adu nge are being	Draft Reco reparation a revised at reflect c effort to incl ghill Lake. planned to s met its p roductivity i lt productio lt escapem produced.	mmendat of final re Detailed I lose-out rease the Although o fund 5 y rimary ob n Coghill n is at an ents with	tion port) Project only a the ears of jectives Lake are in the

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Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 d Request	FY97 Recom- mended	FY98 Rec.	FY99 Rec.	Total FY97-02 Rec.
Cutthroat Tro	ut and Dolly Varden				\$200.0	\$1,113.1	\$283.2	\$100.0	\$0.0	\$383.2
97043B-CLO	Monitoring of Cutthroat Trout and Dolly Varden Habitat Improvement Structures	D. Gillikin/USFS	USFS	Cont'd 2nd yr. 5 yr. projed	ct	\$24.0	\$24.0	\$0.0	\$0.0	\$24.0
This project improvemen cutthroat tro These struct Project 9504 that habitat s coho salmor competition trout populat address thos	<u>Abstract</u> provides for monitoring of habitat it structures and their effects on ut and dolly varden populations. tures were installed in 1995 under 43B. There has been concern raised structures may inadvertently increase in populations, and thereby increase stress on dolly varden and cutthroat tions. This monitoring will seek to se questions and concerns.	<u>Chief Scientist's Dra</u> FY97 funding for this proje multi-year study and allow performance of habitat imp restore injured fish species	aft Recom ect will con determina provement s. Fund.	mendation nplete this ation of the is made to		Executiv Fund close-o effectiveness habitat impro The structure be monitored	ve Director's but. This pro s of cutthroat ovement stru es were mon d one additio	Draft Reco ject monitor t trout and I ctures insta itored in FY nal year.	mmendat rs the Dolly Varc Iled in FY 96 and s	ion (95. should
97145	Cutthroat Trout and Dolly Varden: Relation Among and Within Populations of Anadromous and Resident Forms	G. Reeves/USFS, Pacific Northwest Research Station	USFS	Cont'd 2nd yr. 3 yr. projee	\$200.0 ct	\$229.7	\$229.7	\$100.0	\$0.0	\$329.7
This project between res varden and watershed a William Sour meristic, and FY 96 and F allow develo comprehens restoration s	Abstract would determine the relation ident and anadromous forms of dolly cutthroat trout within the same and between watersheds in Prince nd. It would examine genetic, d life-history features of each group in Y 97. Results from this study would opment of a long term, sive and ecologically sound strategy for these fish.	<u>Chief Scientist's Dra</u> This project is extremely of restoration strategy for Cu Varden. Several other ver been made for work on the cannot be implemented un overall recovery strategy i project's contribution to the strategy is important. It w results obtained after 1996 Fund.	aft Recom ritical for c tthroat Tro y good pro- lese speci- ntil their re s identified e developr ill be impo 5 field worl	mendation leveloping a out and Dolly oposals have es, but they lationship to d. Therefore, ment of this rtant to revise k is complete	an this ew e.	<u>Executiv</u> Fund. This p and life histo refines unde spill injury ar occurred. The develop a re Dolly Varder for managen Sound and re significant su	ve Director's project define ory forms (e.g rstanding of nd may confi he results of storation stra n. This inforr nent of sport nationwide, a upport for this	Draft Record es relationship, anadrom the nature a rm whether this study w ategy for cul nation has c fisheries in nd the USF is project.	mmendat nips amor ous and r and exten recovery vill be use throat tro direct imp Prince W S is provi	ion ng stocks esident) t of oil has d to but and lications filliam ding

Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	FY97 Recom- mended	FY98 Rec.	FY99 Rec.	l otal FY97-02 Rec.
97172	Cutthroat Trout and Dolly Varden Recovery in Prince William Sound	A. Hoffman/ADFG	ADFG	New 1st yr. 4 yr. proj	ect	\$402.3	\$0.0			\$0.0
This project cutthroat t petrogenic growth and Prince Wil Hepler et a reductions demonstra survival. sites than both marin annual gro addressed	<u>Abstract</u> ct would evaluate recovery of stocks of rout and Dolly varden exposed to c hydrocarbons through estimation of d survival at oiled and unoiled sites in liam Sound. A study conducted by al. showed statistically significant is in growth at oiled sites, but did not ate statistically significant differences in This study would examine fewer oiled Hepler and would separately address ne and fresh water components of both and survival that were not d in earlier studies.	Chief Scientist's This is a good proposa once information on po Cutthroat Trout and Do devise an overall strate injured species. Do no	Draft Recom I that should I pulation struc Ily Varden ha gy for restora t fund	mendation be reconsid ture of s been use ation of the	dered E sed to d se o	Executi Do not fund trategy for eveloped. n the result	ve Director's in FY 97. Re cutthroat trou The restorati ts of \145, wi	Draft Reco econsider a ut and Dolly on strategy, Il be develo	mmenda iter a res Varden which d ped durin	ition storation has been epends ng FY 97.
97174	Cutthroat Trout and Dolly Varden in PWS: Restoration Project Support and Coordination	A. Hoffman/ADFG	ADFG	New 1st yr. 4 yr. proj	ect	\$157.5	\$16.7			\$16.7
This project required to projects and and impleat varden rest information previous s varden fur currently r projects of managem	<u>Abstract</u> ct will conduct field work to collect data o support other Trustee Council nd work to coordinate the development mentation of cutthroat trout and Dolly storation strategies. Involvement and n has been requested from ADFG on studies on cutthroat trout and Dolly nded by the Trustee Council. There is no mechanism for coordinating these r integrating the results into a lent plan.	Chief Scientist's Strategic planning porti A1) would be very usef recovery actions for fie beyond are formulated proposal that should be information on populati Trout and Dolly Varden overall strategy for rest species. Fund, but only	Draft Recom ion of this pro ful during FY Id seasons in Objective A2 e reconsidere on structure of has been us toration of the y objective A.	mendation ject (objec 97 as plan 1998 and 2 is a good d once of Cutthroa ed to devis se injured	tive F is for F C t t se an T s c c v v v v v v v v v v v v v v v v v	<u>Executi</u> und conting Project Desc Dijective 1. onducting r Dolly Varden ne protection his informat se in formu pecies. Re utthroat tro estoration s farden has	ve Director's gent on appr cription and to ADFG will of restoration pr to identify r on and recover tion should to lating a restor consider Ob ut in Prince V strategy for co been develo	Draft Reco oval of a rev oudget that coordinate w rojects on cu nanagemen ery of injure be compiled oration strat jective 2, ar William Soun utthroat trou ped	mmenda vised De address vith other utthroat f t strateg d popula early in egy for t n invento nd, after ut and Do	<u>ition</u> tailed only r agencies trout ar jies for itions. FY 97 for hese bry of a olly

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Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	FY97 Recom- mended	FY98 Rec.	FY99 Rec.	Total FY97-02 Rec.
97242	Characteristics of the Cutthroat Trout Resources of Prince William Sound	J. Dorava & B. Black/USGS	DOI	New 1st yr. 3 yr. proj	ect	\$265.4	\$0.0	\$0.0	\$0.0) \$0.0
The chara population William So protocols of Assessme around the first year of water reso part one of Additional in cutthroa investigate third years	Abstract cteristics of the cutthroat trout and the available habitat in Prince bund will be investigated following the of the National Water Quality ent (NAWQA) program. Twenty sites a Sound will be investigated during the of this project as a supplement to a burces monitoring program proposed as f a two-part NAWQA-style study. characterization of seasonal variations at trout populations and habitat will be ed at five index sites in the second and s.	<u>Chief Scientist's Dra</u> This is a good proposal th once information on popul Cutthroat Trout and Dolly devise an overall strategy injured species. Do not fu	aft Recom at could be ation struc Varden ha for restora nd.	mendation e reconside sture of s been use ation of the	ered [sed to co se co	Executi Do not fund strategy for leveloped. on the result	ve Director's in FY 97. Re cutthroat trou The restorati is of /145, wil	Draft Reco econsider a t and Dolly on strategy I be develo	mmendat iter a resi Varden h , which d ped durin	tion toration has been lepends lg FY 97.
97302	Prince William Sound Cutthroat Trout, Dolly Varden Char Inventory	K. Hodges/USFS	USFS	New 1st yr. 2 yr. proj	ect	\$34.2	\$12.8		\$0 .0) \$12.8
The status cutthroat to Sound is n residents r widesprea project wo stream and these spec abundance widesprea believed, a not be neo information determinin from each likely.	<u>Abstract</u> of anadromous Dolly Varden char and rout populations in Prince William not known. Consultation with local revealed that these species are more d than previously believed. This uld investigate a number of remote d lake systems to determine whether cies are present and their relative e. If these species are more d or abundant than previously additional enhancement efforts may cessary. This project will also provide n for ongoing genetics studies by ng how isolated the populations are other and whether interbreeding is	<u>Chief Scientist's Dr</u> . This project contains good with far more sophisticate same type of work. The si this proposal, if coordinate state and federal entities, contribution to developme during FY97. consider fun level.	aft Recom l ideas, bu d proposal te determi ed with oth could mal nt of recov ding later a	mendation t it is comp s to do the nation pha- ner concern ke a valuat rery strateg at reduced	beting F se of L ned v ble c Jy c f f c c s	Executi Fund the site approval of a budget. Loc which strear of cutthroat could be use or these sp lepends on during FY 97 project, estin cutthroat tro strategy for	ve Director's e determinati a revised Det al knowledge ns in PWS ar trout and Dol ecies. The re the results of 7. Reconside nation of the ut and Dolly V these species	Draft Recon on element ailed Project will be use re known to ly Varden. ping a restor storation st t \145, will b er the other relative abu /arden, afte s has been	mmendat continge t Descrip d to dete have pop This infor- pration str trategy, w e develo element undance a resto develope	tion int on ption and simine pulatio rmation rategy which ped of of the of iration ad.

Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	FY97 Recom- mended	FY98 Rec.	FY99 Rec.	Total FY97-02 Rec.
Marine Mam	mals				\$687.3	\$814.1	\$461.1	\$260.0	\$50.0	\$771.1
97001	Recovery of Harbor Seals From EVOS: Condition and Health Status	M. Castellini/UAF	ADFG	Cont'd 3rd yr. 4 yr. proje	\$192.3 ct	\$195.5			\$0.0) \$0.0
This project seals, a ma recovering from the Ur the Alaska continue an assess thei chemistry a and nutrition addresses p problems the recovery. If collaborativ the Alaska will initiate v Center.	Abstract t focuses on the health of harbor wine mammal species that is not in Prince William Sound. Personnel hiversity of Alaska in cooperation with Department of Fish and Game will d expand work with harbor seals to r health, blood metabolites, blubber and size in relation to their ecological nal requirements. The project potential health and nutritional hat may be impeding harbor seal n FY 97, the project greatly expands e work with Native hunters through Native Harbor Seal Commission and work in FY 98 at the Alaska SeaLife	<u>Chief Scientist's</u> No recommendation pe peer review.	Draft Recom	mendation t of additiona	al N re 9	Executi o recomme eview. If th ontingent o 5117-BAA.	ve Director's endation yet. e project is fin n receipt of t	<u>Draft Reco</u> The propo unded, fund he final repo	mmenda sal is stil ing shou ort on	tion I under Id be

	Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	FY97 Recom- mended	FY98 Rec.	FY99 Rec.	Total FY97-02 Rec.
•	97012-BAA	Comprehensive Killer Whale Investigation in Prince William Sound	C. Matkin/North Gulf Oceanic Society	NOĂĂ	Cont'd 5th yr. 5 yr. proje	ect	\$157.5	\$0.0			\$0.0
	This project damaged AE Sound killer basis since a GIS databa with genetic evaluate rec changes in b whale preda impacts of th potential rec residency of a remote hyd contaminant whales will b on recovery	Abstract continues the monitoring of the 3 pod and other Prince William whales that has occurred on a yearly 1984. It provides further analysis of ase on killer whales. When coupled and acoustic data, the analysis will overy of killer whales, recognize behavioral ecology, estimate killer tion on harbor seals, and estimate he harbor seal decline on the overy of killer whales. Year round killer whales will be assessed using drophone system. Environmental levels in the blubber of specific be determined and potential effects evaluated.	Chief Scientist's Dr. This proposal is excellent, well-established technique methods. The publication investigator is improving. I recommendations of the C review of killer whale reco committing additional fund after review in fall of 1996	aft Recom combining es and son record of t in keeping chief Scier very is neo is. Defer f	mendation the innovativ he principal with the tist in FY96 cessary befunding until	I I S, a I	<u>Executi</u> Defer decisi ecovery sta	<u>ve Director's</u> on on funding tus of killer w	<u>Draft Reco</u> y until a rev /hales has l	mmenda iew of th been cor	a <u>tion</u> e npleted.
	97.064	Monitoring, Habitat Use, and Trophic Interactions of Harbor Seals in PWS	K. Frost/ADFG	ADFG	Cont'd 3rd yr. 5 yr. proje	\$347.0 ect	\$317.8	\$317.8	\$150.0	\$50.0	0 \$517.8
	This project in Prince Will possible cau surveys will the population increases. So describe the hauling out a blood, blubb collected to genetic relate populations.	<u>Abstract</u> will monitor the status of harbor seals liam Sound and investigate the uses for the ongoing decline. Aerial be conducted to determine whether on continues to decline, stabilizes, or Seals will be satellite-tagged to ir movements, use of haulouts, and and diving behavior. Samples of er, whiskers, and skin will be study diet, health and condition, and ionships to other harbor seal	Chief Scientist's Dra This project continues to in harbor seals in the oil spill addresses most of the mo of investigation. The invest and the costs of the reseat Fund.	aft Recom nvestigate area. The st potentia stigators a irch appea	mendation the decline research lly useful lir re well qual r reasonabl	e of F nes r lified t le. L F v s	<u>Executi</u> Fund. This is lecline in ha eproduction his study wi isers, and c on the most population d vill shift to the seals.	ve Director's study explore inbor seals: fo and killer wh Il enable reso thers to focu probable cau ecline. In FY ne survival ar	Draft Reco s reasons bod limitatic nale predati burce mana s their effor ises of hark 97, the foc ad health of	mmenda for the lo ons, dise on. The gers, su ts and c oor seal cus of thi juvenile	ation ong-term ase, results of bsistence oncern s project harbor

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Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	Recom- mended	FY98 Rec.	FY99 Rec.	FY97-02 Rec.
97170	Isotope Ratio Studies of Marine Mammals in Prince William Sound	D. Scheil/UAF-IMS	ADFG	Cont'd 2nd yr. 3 yr. proj	\$148.0 ject	\$143.3	\$143.3	\$110.0	\$0.0	\$253.3
This projec	<u>Abstract</u>	Chief Scientist's	s Draft Recom	mendation	an F	<u>Executi</u>	ve Director's	Draft Reco	mmendati	ion for

assess trophic structure and food webs in Prince William Sound and contributes to the studies by ADFG personnel to determine the reasons for the decline of harbor seal populations. Through a mix of captive animal studies, comparison of isotope ratios in archived and current marine mammal tissues and their potential prey species in PWS, insight into environmental changes causing the decline may be possible. In addition, by providing analytical services for mass spectrometry it contributes to the SEA program's effort to describe the food chains supporting commercial fishes impacted by the *Exxon Valdez* oil spill. Excellent proposal that holds good promise for an independent perspective on structure of the PWS food web supporting Pacific herring, pink salmon, harbor seals, and other injured species. This work is by its nature highly integrated with many other ecological projects being conducted in the oil spill area, including the harbor seal work in 244. The investigator has a good track record in the EVOS process and the work promises to be publishable in top-notch journals. Progress up to now is excellent. The cost of the work is very reasonable, given the costs for commercial analyses of stable isotopes. Fund

Fund. This project provides technical support for 97064, which may help explain why harbor seal populations have declined. The project will also assist the SEA program (97320) by describing the food chains that support important commercial fisheries in PWS.

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	1		Lead	New or	FY97	FY97	FY97 Recom-	FY98	FY99	Total FY97-02
Proj.No.	ProjectTitle	Proposer	Agency	Cont'd	Expected	Request	mended	Rec.	Rec.	Rec.
Nearshore	Ecosystem				\$1 <u>,</u> 869.3	\$3,616.8	\$2,145.8	\$1,753.7	\$524.8	\$4,648.7
97025	Mechanisms of Impact and Potential Recovery of Nearshore Vertebrate Predators	L. Holland-Bartels, et al/NBS-DOI	DOI	Cont'd 3rd yr. 5 yr. proje	\$1,669.4 ect	\$2,044.8	\$1,669.4	\$1,669.4	\$450.0	\$3,788.8
The Near makes ar health, ar of APEX determine to improv Primary h nearshor by recruit residual of benthic p on the re and 3) EV benthic p recovery	<u>Abstract</u> rshore Vertebrate Predator project (NVF in integrated assessment of trophic, ind demographic factors across a suite predators injured by the spill to e mechanisms constraining recovery ar ve knowledge of the status of recovery. hypotheses are: 1) Recovery of re resources injured by EVOS is limited tment processes; 2) Initial and/or oil in benthic habitats and in or on prey organisms has had a limiting effect covery of benthic foraging predators; VOS-induced changes in populations of prey species have influenced the of benthic foraging predators.	Chief Scientist's This project uses an examine recovery of in nearshore ecosystem, at a workshop in Febru funding of the invertebr components should be data can be examined effects are significant. I funds to prepare pre-N should be deferred unti regarding outstanding in MM6. Budget increases for on-going componen avian copredator comp these increases should decreased if possible.	Draft Recom cosystem app jured species and it was re- ary 1996. Re- rate and aviar deferred unti- to determine In addition, th VP sea otter il agreement i reports from s over previou- ts (i.e., not in- bonent) are su be carefully	mendation roach to in the viewed in d quests for n copredato I the first-ye if copredati e request fo publications is reached NRDA proje us projectio cluding the ibstantial, a reviewed a	epth V or ru ear d on c or E s ru ect ti ns o ind ir nd a v v v	Executi und all con 141.5), inv Vashington ontingent c educed am ecision on omponents Defer decisi esolution of ne research nis project 9728 roject 9728 roject 9728 roject 9728 ecovery of ertebrate p vhether cor f vertebrate	ve Director's nponents ex- ertebrate pro- \$42.6), and in (1) approv- ount and (2) funding avia- a until FY 96 on on fundir f reports due ners conduct should explo- should exp	s Draft Reco cept avian c edator (Unive sea otter pu val of revised submittal da an and invert data has be og sea otter p on Project l ting sea otter re ways of in earch/monito ral, the near at and organ bil spill. This panisms and d addresses amination is	mmendation opredato ersity of ublications d budget a ates. Def ebrate en exami publicatio VM6. In r surveys nvolving I pring effo shore eca isms, wa project n closely li the ques slowing r	ion r (USFS s (\$20 at a er ined. ns until addition, under ocal sea rts (see osystem, s the nonitors nked tion of recovery
97090	Mussel Bed Restoration and Monitoring	M. Babcock/NOAA	NOAA	New 6th yr. 6 yr. proje	\$0.0	\$17.6	\$10.0	\$0.0	\$0.0	\$10.ປ
This prop manuscr final repo	<u>Abstract</u> cosal is for finalizing three additional ipts from the four-year, comprehensive ort due September 30, 1996.	<u>Chief Scientist's</u> This is a solid proposal important work on oiled investigator has a good and publications. Reco level (e.g., about \$10K	Draft Recom I to publish th d mussel beds d record of pro ommend fund).	mendation e results of s. The oducing res ing at reduc	sults n ced n C F n	Executi Fund contin t the reduc eport on 95 esults of fiv Council on t Prince Willia estoration of	ve Director's gent on (1) a ed level of \$ 090. This p e years of s he persister am Sound ar of 12 of thes	a Draft Reco approval of a 10,000 and roject would tudies funde tudies funde tudies funde tudies funde tudies funde tudies funde tudies funde	mmendat revised (2) receip publish t d by the n mussel f Alaska a	<u>ion</u> budget it of he Frustee beds in and

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	ł						FY97			Total
Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	Recom- mended	FY98 Rec.	FY99 Rec.	FY97-02 Rec.
97157-BAA	Intertidal Monitoring Using Carbon and Oxygen Isotope Indicators of Bivalve Impact and Recovery in Nearshore Ecosystem Habitats	M. Morgenstein and D. Shettel/Geosciences Mgt., Inc.	NOAA	New 1st yr. 5 yr. proj	ject	\$85.3	\$0.0	\$0.0	\$0.0) \$0.0
This project which will as 12C and 18 selected biv shoreline se Prince Willia of the degre and clams. year is succ acquire imp species and environmen Kodiak Arch	Abstract would develop the following method ssess the AMS and standard 14, 13, , 16O isotope compositions of raive species from three different ensitivity-type environments within am Sound to acquire a direct measure e and duration of injury to mussels If the method developed in the first cessful, the second to fifth years will act and recovery data on more I in a wider area of nearshore ts including the Kenai Peninsula and nipelago.	Chief Scientist's Dr This is an interesting idea in concept. I do not belie exploratory work, even if record of the spill in the sl investment that will pay o restoration program. Do	aft Recom to but one the ve that fund it were to y hells of biva ff for the or not fund.	mendation nat is unpr ding this ield an his alves, is ar n-going	oven E a torical S n a	Executi Do not fund. Idopted by Scientist rais	<u>ve Director's I</u> Weak link to Trustee Coun sed concerns	<u>Draft Reco</u> o restoratio cil. In addi about proj	mmenda n objectiv tion, Chi ect's tech	tion ves ef nnical
97158	Monitoring Nearshore Ecosystems in Katmai National Park, Alaska Peninsula	B. Goatcher/Katmai National Park	DOI	New 1st yr. 4 yr. proj	ject	\$56.4	\$0.0	\$0.0	\$0.0) \$0.0
Nearshore e have not ree <i>Valdez</i> oil s key nearsho interpreting and prescril proposal foo monitoring p species inju	<u>Abstract</u> ecosystems of the Alaska Peninsula covered seven years after the <i>Exxon</i> pill. Understanding basic aspects of ore species' life histories is critical to ongoing studies, assessing recovery bing further restoration activities. Thi cuses on development of integrated protocols for several nearshore ured by the oil spill.	<u>Chief Scientist's Dr</u> Since we do not have sol Katmai coast, it is unclear gauged in this area. The prey could be greatly imp lacks a power analysis in surveys to detect change	raft Recom id prespill of r how recover sampling a roved, and regard to t s. Do not t	mendation data from t very can be and analys the propo the ability c fund.	he E e co is of p sal a of the h	Executi Do not fund. locumentat oredators w iddition, be (atmai coas neasured ir	ve Director's I The primary on of injury au ith few manag cause there a st, it is unclear this area.	Draft Reco value of th nd recover jement app re no presp r how recov	mmenda is projec y of near plications pill data f very can	tion t is shore . In rom the be

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Proi No	ProjectTitle	Proposar	Lead Agency	New or Cont'd	FY97 Expected	FY97 I Request	FY97 Recom- mended	FY98 Rec.	FY99 Rec.	Total FY97-02 Rec
97161	Differentiation and Interchange of Harlequin Duck Populations Within the North Pacific	B. Goatcher/Katmai National Park	DOI	Cont'd 2nd yr. 3 yr. proj	\$78.9	\$104.4	\$98.6	\$9.5	\$0.C) \$108.1
Restoration assessmen movements understand injury, to int determine li strategies. analyses ar degree of s harlequin du throughout wintering ra by the <i>Exco</i>	<u>Abstract</u> a efforts for harlequin ducks require an at of spatial population structuring and a among geographic regions to the extent of past and ongoing terpret measures of recovery, and to imitations to recovery and restoration This project would use genetic and color-marking to determine the patial population structuring among ucks from broad geographic regions their North Pacific molting and anges, including areas directly affected on Valdez oil spill.	<u>Chief Scientist's Dr</u> This is a promising attemp differentiation in harlequin Gulf of Alaska, using two techniques (genetics and in successful completion of Fund, but there may be no guidance based on review	aft Recom ot to deterr ducks in t compleme banding). of this 2-ye eed for ado y of '96 res	mendation nine popula he northern ntary I am intere ar project. ditional ults.	ation F n F ested (Executi Fund conting This project bopulation d geographica he northern contribute to Prince Willia	ve Director's I gent on approvent will improvent ifferentiation a ally separate g Gulf of Alask or restoration a an Sound and	<u>Draft Reco</u> val of a rev inderstandi and movern iroups of ha a. This inf ind manage I elsewhere	mmenda vised bud ing of the nent amo arlequin o ormation ment go in the s	tion Iget. Ing ducks in will ials in pill area.
97181-BAA	Prince William Sound Intertidal Recovery Monitoring	J. Houghton/Pentec Environmental, Inc.	NOAA	New 1st yr. 4 yr. proj	ject	\$299.4	\$0.0	\$0.0	\$0.0) \$0.0
By the end recovery of gathered at Sound unde program pro bio-physica documente structure or project wou NOAA prog the 1990-19 (R102) proj state of reco William Sou generalize a and proces	<u>Abstract</u> of FY 96 eight years of data on the intertidal assemblages will have been various beaches in Prince William er an ongoing NOAA program. This ovides significant insight into the al factors affecting recovery and has d considerable instability in communit n hot-water washed beaches. This ild extend the sampling protocol of the gram to intertidal areas sampled under 991 Coastal Habitat Restoration ect. This approach will establish the overy over a broader area of Prince and and increase our ability to about factors affecting recovery rates ses.	Chief Scientist's Dr This project could add to status and processes of r but there is question whe cost effective at a price ex four years. In addition, th difficulty in establishing th NRDA sites make interpre difficult. This project is st integration, but is not as r proposal, 97227. Do not	aft Recom our unders ecovery in ther the lik ceeding \$ e non-rance e treatmen etation of the rong on sy igorous as fund.	mendation tanding of the intertid ely results 1.2 million lom design thistory of the results nthetic the compe	the I lal, I are co over 0 n and co f the s t t eting s	Executi Do not fund. nvitation an of injury and Chief Scient difficulty in e sites. An int he FY 98 In be provided study.	ve Director's I Proposal wa d would contr recovery in it ist has techni- establishing th ertidal propos vitation, at wh regarding the	<u>Draft Recon</u> is submitte ibute to the ntertidal are cal concerr e treatmen al will be s nich time m	mmendal d in resp anderst as. Hov s, includ t history olicited a ore direc	tion onse to anding vever, the ling the of NRL again in stion will sired

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Proj.No.	ProjectTitle	Proposer	Agency	Cont'd	Expected	Request	mended	Rec.	Rec.	Rec.
97223-BAA	Integration and Publication of Pre- and Post-Spill Data on Sea Otter Reproduction, Survival, Development, and Health	L. Rotterman and C. Monnett/Enhydra Research	NOAA	New 1st yr. 1 yr. proj	ject	\$79.0	\$40.0	\$0.0	\$0.0) \$40.0
This project analyses, in unpublished post-spill da survival, hat females, pup benchmarks population s information d) information strategies.	Abstract will result in publication of: a) new tegration, and comparison of d, directly comparable, pre- and ta on the reproduction, development, bitat use, and movements of sea otter ps, and weanlings; b) generation of s against which to gauge sea otter status relative to recovery; c) new on habitat acquisition benefits; and on key to evaluating response	Chief Scientist's Dr Demographic information reports delivered by the P valuable contribution to th biology of sea otters in Ala recommended that a mod provided to convert these publications. Funding leve months/publication for ma #5, with progess payment of each manuscript.	aft Recom n already e ls represe e literature aska. Then dest amoun reports int els should l nuscripts #	mendation existing in f nts a poter on popula efore, it is nt of funds o peer-rev be at 1.5 #1, #2, #4, non comple	inal F ntially F ation c be s iewed r and A etion p ation f	<u>Executi</u> und conting roject Desc f the project ne proposa ea otter pu elationships eproduction ublication in formation ontribution	ve Director's gent on appro- cription and b to preparati Health, de ps and weant in sea otters of female se reproduction n the peer-rev represents a on the popula ving the oil sp	Draft Reco oval of a re- udget that on of four r velopment ings, #2 s, #4 Sum a otters, ar of female viewed liter potentially ation biolog bill.	mmenda vised De reduce th nanuscri , and sur Length-n vival and nd #5 sea otter ature. T valuable y of sea	tion tailed he scope pts (#1 in vival of hass s) for his otters in
97227	Status and Recovery of Intertidal Communities	M. Stekoll and R. Highsmith/UAF	ADFG	New 1st yr. 4 yr. proj	ject	\$276.0	\$0.0	\$0.0	\$0.0) \$0.0
). Two major s impacted by carried out b by NOAA. T the current r communities integration a existing data through sup oiled habitat Kenai-Cook regions.	<u>Abstract</u> studies involving intertidal organisms of the <i>Exxon Valdez</i> oil spill have been by the University of Alaska (CHIA) an This proposed study will investigate recovery status of intertidal s impacted by the oil spill through and comparison analyses of these abases for Prince William Sound and oplemental monitoring of selected ts in Prince William Sound, t Inlet, and Kodiak-Alaska Peninsula	Chief Scientist's Dr This project would help do recovery status in intertida hard by the oil spill. The p parallel data bases of inter and assess whether these this would be valuable, the would be a risky investme the compatibility of the da on-going NOAA Hazmat r insight into intertidal recov This is clearly a rigorous, I cannot recommend fund	aft Recom ocument in al areas, w oroject wou rtidal injury e can be in ere is conce ent without ta sets. In monitoring very proces well conce ing at this	mendation jury and hich were ald set up to and reco tegrated. ern that th first asses addition, to does provious ses in PW ived projectime.	hit li two r very S While b is in sing li the r ide VS. ct, but	Executi Do not fund. Invitation an ecovery in i Scientist has benefit in co intertidal pro invitation, at egarding th	ve Director's Proposal wa d would help ntertidal area s concluded the nducting the posal will be which time m e structure of	Draft Reco as submitte document s. Howeve hat there w work as pro solicited ag hore direction the desired	mmenda d in resp injury an er, the Ch ould be r oposed. Jain in the on will be d study .	tion oonse to d margina, An e FY 98 e provided

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Proi No	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	FY97 Recom- mended	FY98 Rec.	FY99 Rec.	Total FY97-02 Rec.
97233	Body Condition of Sea Otters in Prince William Sound	L. Rotterman and C. Monnett/Enhydra Research	NOAA	New 1st yr. 1 yr. proj	ect	\$11.8	\$0.0	\$0.0	\$0.0) \$0.0
This proj the body Sound, in whether EVOS hy samples Because condition body cor of wheth are reco	<u>Abstract</u> ect would result in acquisition of data on condition of sea otters in Prince William n acquisition of samples to evaluate sea otters continue to be exposed to vdrocarbons, and in acquisition of to evaluate sea otters' overall health. of pre-spill baseline information on body from the proposer's previous studies, ndition information will be a useful index er sea otters in the spill-affected area vering.	Chief Scientist's Dr Athough the authors have with sea otters, this propo- way of methods to be eva apparently is considerable otter body condition in NV would rely on NVP for cos not fund.	aft Recom e extensive sal preser aluated. In e overlap v /P (025), a sts of samp	mendation experienc its little in t addition, tl vith work of nd this pro ole analysis	e D he fi here n sea posal s. Do	Executi Do not fund. unded unde	ve Director's Project obje r Project /025	<u>Draft Reco</u> ctives are 5.	mmendal currently	tion being
97240	Clam Recruitment: Investigation of Settlement Limitation and Mechanisms Related to Successful Recruitment	G. Irvine/NBS-DOI	DOI	New 1st yr. 5 yr. proj	ect	\$237.9	\$0.0			\$0.0
This proj Nearsho examine recruitme environn successi preferred and their is unkno SEA proj activities clams fo	<u>Abstract</u> ect proposes, as a companion to the re Vertebrate Predator project, to whether clams are settlement and/or ent limited and to determine what hental and ecological factors promote ful recruitment. Clams are very highly d prey of sea otters and some sea ducks recovery from the <i>Exxon Valdez</i> oil spill wn. This project also has linkages to the ject and should support restoration aimed at increasing local populations of r subsistence.	Chief Scientist's Dr This proposal has the ker including gathering more history of little-neck clams linking the variability in the ecosystems. However, the oceanography and under processes is likely to be r estimated in the proposal research plan are missing closely tied to the NVP pr supply of juvenile clams of FY98. Do not fund.	raft Recom nel of seve informatio s in the spile e pelagic a e effort reconstanding re nuch great , and critica g. A more ogram to u could be co	mendation eral good ic n on the life area and nd nearsho juired in ph ecruitment er than al details o limited prop inderstand nsidered in	leas, D e th pre fr pysical p ti f the posal,	Executi to not fund. the project's s objectives unded throu roject (/025 ed to /025 of	ve <u>Director's I</u> The Chief S technical des s to the clam s ugh the Nears 5). A more lim could be cons	Draft Reco cientist has sign and the studies cur hore Verte hited propo idered for	mmendat s concern e relation rently bei brate Pre sal more FY 98.	tion is about ship of ing idator closely

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Proj.No.	ProjectTitle	Proposer	Agency	Cont'd	Expected	Request	mended	Rec.	Rec.	Rec.
97290	Hydrocarbon Data Analysis, Interpretation, and Database Maintenance	J. Short/NOAA	NOAA	Cont'd 6th yr. 11 yr. pr	\$121.0 oject	\$77.3	\$74.8	\$74.8	\$74.8	\$448.8
This proje restoratior interpretat Subsisten continue to hydrocarb investigato along with that will all	<u>Abstract</u> ct is a continuation of the NRDA and n database management, hydrocarbon tion and sample storage service. ce, response and restoration data will o be incorporated into the Trustee on database. A summary report for ors and managers will be produced an electronic copy of the database low easier access to this information.	<u>Chief Scientist's</u> This is an essential proj Restoration Program. F contingent on an assess hydrocarbon analysis no Fund.	Draft Recom ect for overa future fundin sment of the eeded in ong	mendation Il success g should b numbers o oing proje	of the F be a of s cts. c ti "	Executive Fund conting an assessme aerve on-goi of hydrocarb of hydrocarb otudies. This he scientific on-line" via	ve Director's gent on appro ent of addition ing projects. oon data for o s project will community a the computer	Draft Recon oval of a rev nal analyse Project is o ther Truste make these and the pub r Internet.	mmenda vised buc s needed n-going a e Counci e data av ilic, includ	tion Iget and d to analysis il funded ailable to ding
97427	Harlequin Duck Recovery Monitoring	D. Rosenberg/ADFG	ADFG	Cont'd 4th yr. 4 yr. proj	ject	\$254.6	\$253.0			\$253.0
Harlequin from injuri Proposed extent of r and detern resulted in productivit boat surve age and s and produ in PWS in Changes i production between y population allow us to limiting res	<u>Abstract</u> duck populations have not recovered es sustained from the oil spill. surveys are designed to assess the recovery of ducks inhabiting oiled areas mine if low reproductive success has a changes in population structure and ty that may limit recovery. Shoreline eys will be used to compare population ex structure, distribution, abundance, activity between oiled and unoiled areas late-winter, spring, and late-summer. in population size, structure, and n in oiled and unoiled areas within and years will be compared. Continued n monitoring and brood surveys will b assess trends and suggest factors covery.	Chief Scientist's I There continues to be of the harlequin duck, espire production and surviv project to track populati PWS. The additional con- have the potential to inco- dynamics of different set justified effort that may dynamics in western Pr	Draft Recom oncern abou ecially in reg al, and this is ons of harled ost for winter rease knowl ectors of the help explain ince William	mendation t the statu ard to s an impor- juin ducks surveys, t edge of the copulation population Sound.	s of F T tant r in S hat k e p , is a c	Executive Fund conting This project ecovery sta Sound, and it project (FY 9 context of th 97025), and harlequin du	ve Director's gent on appro continues ba tus of harlequ includes fund rom local resi 28 and beyon e Nearshore I an effort will ck work into a	Draft Recor oval of a rec sic assessr uin ducks in is for soliciti idents. Fut d) will be co Vertebrate be made to a single pro	mmendal luced bu nent of th Prince V ing traditi ure work onsidered Predator o consoli ject.	tion dget ne William ional on this d in the project date th

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Proj.No.	ProjectTitle	Proposer	Agency	Cont'd	Expected	Request	mended	Rec.	Rec.	Rec.
97429	Responses of River Otters to Oil Contamination: Controlled Study of Biological Stress Markers and Foraging Efficiency	Г. Bowyer/UAF	DOI	New 1st yr. 2 yr. proj	ect	\$72.3	\$0.0	\$0.0	\$0.0	\$0.0
This project the effects and behave captive ott oil contame Samples of collected f immunolog addition, b efficiency of	<u>Abstract</u> ct is designed to experimentally explore s of oil contamination on physiological vioral responses of river otters. Fifteen ters will be exposed to three levels of bination under controlled conditions. of blood, tissues, and feces will be for analysis of biomarkers and gical and pathological examination. In behavioral observations on foraging will be conducted to explore the effects amination on foraging success.	Chief Scientist's E This is a technically goo use of biomarkers in rive desirable to investigate t animals in order the valie work done in the field. T portion of the work seem methodologically and co the Alaska SeaLife Cent accommodate this propo- invite the investigators to that time with attention to	Draft Recom d proposal to r otters. It w the necessity date previou he foraging ns quite wea nceptually. I er will not be baal until FY p resubmit th to the above	mendation o validate t yould be y of sacrific is non-letha efficiency k both It is likely th e able to 98, and wo nis proposa comments	the D te cing h al fr A A hat th e al at	Executi o not fund echnical que elp interpre om the NV econsidered laska Seal ne technica	ve Director's this year. The estions about t contamina P project (/0 d for possible ife Center w I questions o	<u>b Draft Reco</u> he Chief Sci at this projec nt-biomarke 25). This pr e funding in vill be availal can be resol	mmenda entist ha t, which o r data co oject sho FY 98 wh ole, provi ved.	tion s raised could ming buld be nen the ded that
Seabird/For	age Fish and Related Projects				\$1,846.2	\$3,655.8	\$2,172.6	\$1,851.5	\$1,820.0	\$6,020.5
97142	Status and Ecology of Kittlitz's Murrelets in Prince William Sound	R. Day/ABR, Inc.	NOAA	Cont'd 2nd yr. 3 yr. proj	ect	\$188.5	\$188.5	\$0.0	\$0.0	\$188.5
This propo investigation Kittlitz's M glaciated f The study abundance and trophi northweste effects of f species, a ecology is conservati	<u>Abstract</u> osal would fund a second year of ons on the status and ecology of urrelet, a rare seabird breeding in fjords of Prince William Sound (PWS). will continue to evaluate the e, distribution, habitat use, productivity, ic position of this little-known seabird in ern PWS. Given uncertainty about the the <i>Exxon Valdez</i> oil spill on this a better understanding of its status and a required to ensure its long-term ion.	Chief Scientist's I This is a continuing project information on a species injured species list, whice for listing under the U.S. The proposal needs to be describe the nature of co applied to survey data a statistical model (paired additional recommendat provided after review of	<u>Praft Recom</u> ect gathering recently ad h is also bein Endangere te suppleme prrection fac nd the ration t-test) to be ions for this FY 96 result	mendation g basic lded to the ing conside d Species , ented to tors to be hale for the used. Fun project ma ts	F Pered th Act. m g w o d, but p re re	Executive und conting roject Desc nodified after ather basic which is a ra- ne estimate opulation o esults of thi estoration n	ve Director's gent on appr cription that a ientist. The er review of l information are, poorly kr e, a substant f this species s study may neasures.	Draft Recon oval of a rev addresses c project may FY 96 result on the Kittlit nown seabire tial fraction c s was killed lead to iden	mmendat vised Det oncerns be furthe s. This s z's murre d. Accord f the wor in the sp tification	tion ailed raised tudy will elet, ding to ding to dil. The of

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ູ່ Rroj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	Recom- mended	FY98 Rec.	FY99 Rec.	FY97-02 Rec.
97144	Common Murre Population Monitoring	D. Roseneau/DOI-FWS	DOI	Cont'd 2nd yr. 3 yr. proj	\$70.5 ject	\$73.8	\$73.8	\$21.5	\$0.() \$95.3
This project study that be counted during FY census wo colonies is compleme location that recovery s area.	Abstract ct continues a population monitoring will be conducted in 1996. Murres will d at Barren Islands nesting colonies 96 and FY 97. An optional 3rd year of ork at the Chiswell Islands murre also proposed to supply ntary data from another injured nesting at will help evaluate the overall tatus of common murres in the spill	Chief Scientist's I This project would contin attendance in the Barren continuing project, and t This work will help bring status of common murren the spill. The proposers Chiswell Islands in FY 9 recommendation. The r importance to a population for preparation in FY 98 and aids the APEX project	Draft Recom nue monitor n Islands. T he PIs are v closure to t es, which we recommend 8, and I end eviewers als on trends m . This proje- act. Fund.	imendation ing murre of his is a solvery strong he recover ere hit hard d visiting the lorse this so attach g hanuscript so ct complen	colony F id, p . cc y ta by r he c in reat slated nents	Execution Fund. This populations ensuses at erms of the ecovery at colonies on n FY 98.	ve Director's project will m on the Barren the Barren Is APEX study this critical gr the Chiswell	Draft Reco ionitor comr n Islands. I slands will b , as well as roup of colo Islands sho	mmenda non mur Populatic De very h to track nies. Mu uld be m	ition re on lelpful in murre urre nonitore
97159-CLO	Surveys to Monitor Marine Bird Abundance in Prince William Sound During Winter and Summer: Report and Publication Writing	B. Agler/DOI-FWS	DOI	Cont'd 4th yr. 9 yr. proj	\$25.0 ject	\$83.0	\$45.4			\$45.4
In FY 97, t publication be used to whether po at the sam Overall po Sound from	<u>Abstract</u> his project would fund report and a writing. Data collected since 1989 wi b examine trends by determining opulations in the oiled zone changed he rate as those in the unoiled zone. pulation trends for Prince William m 1989-96 will also be examined.	Chief Scientist's I This project is developin dataset regarding recov species, and the statistic these highly variable da w/1996 data. The costs are unacceptable. Four recommended in FY97 to peer-reviewed publication (manuscript #'s 4 and 6 part of the final report for budgets seem excessivy commitments must be of but reduce budget acco	Draft Recom Ig a valuable ery status o cal power to tasets shoul for this project months of fu for PI to pre- pons on popu in DPD) that or the project e, and any for onsidered a rdingly.	imendation e long-term f injured detect tren d be reach ect as deso unding is pare 2 lation trend t should be t. The out-y uture nnually. F	nds in a nds in a ned r pribed b s f s d ecome f rear t und,	Executi Fund prepar conduct reg and #6 in th evised Deta budget. The status and r Prince Willia letect trend uture surve he final rep	ve Director's ration of a fina ression analy e proposal) c ailed Project I e surveys pro ecovery of se am Sound and s in seabird p ys should be ort.	Draft Reco al report (in vsis) and two contingent o Description ovide basic i eabirds (and d should no populations. determined	mmenda cluding ' o manus n approv and a re nformati I sea otto w be ado The ne I after re	tion I mo. to cripts (# 4 val of a educed on on t ers) in equate to red for view of

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Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	FY97 Recom- mended	FY98 Rec.	FY99 Rec.	FY97-02 Rec.
97163A-P	APEX: Alaska Predator Ecosystem Experiment in Prince William Sound and the Gulf of Alaska	D. Duffy, et al/UAA	NOAA	Cont'd 2nd yr. 6 yr. pro	\$1,750.7 ject	\$2,287.8	\$1,800.0	\$1,800.0	\$1,800.0	\$5,576.4

Chief Scientist's Draft Recommendation

The APEX project is an important, innovative project

Abstract

This project will compare the reproductive and foraging biologies, including diet, of seabirds in Prince William Sound with similar measurements from Cook Inlet, an area with apparently a more suitable food environment. These measurements will be compared with hydroacoustic and net samples of fish to calibrate seabird performance with fish distribution and abundance, in an effort to determine the extent to which food limits the recovery of seabirds. Fish will be sampled to determine whether competitive and predatory interactions or different responses to the environment may be favoring the abundance of one fish species over another.

examining the relationship between the availability of forage fish and productivity in marine birds. The study is fundamental to the restoration strategy adopted by the Trustee Council. The PIs are highly qualified and the project has strong leadership. However, the cost of this project is also very high, with several new or increased components proposed for FY 97. These include a major increase to 163B for studying foraging seabirds in relation to downwelllings and other local events, which was previously recommended by the reviewers. A project on proximate composition of forage fish, 163H, has been added. Both the expanded 163B and the new 163H need additional review. The text provides no justification for a major increase in the cost of 163C, and the reviewers previously had expressed concern about the value of even continuing this component. There is also question about the continuation of the sand lance oiling component (163P), the necessity of which is guestioned by the reviewers. There is a significant modeling component incorporated in 163I, project management. The reviewers encourage the modeling work and recommend that APEX essentially incorporate the proposal by Ainley et al. (97253), although the cost of this component, as proposed, is excessive. Finally, there is a major increase in funding requested for 163M, which may lose funding from alternative sources. Given the need for additional information and review, and uncertainties about supplementary funding for 163M, I can only recommend funding this project at the same level as in FY 96, about \$1,75 million. This amount should include the expanded modeling

Executive Director's Draft Recommendation

Fund at FY 96 level contingent on receipt of the report due on 95163 and approval of a revised Detailed Project Description and budget that incorporate the modeling effort proposed in 97253. In addition, the Chief Scientist will continue to review th proposed expansion of subproject B and the addition of subproject H. If these additions are recommended, they should be funded within the budget ceiling set for this project. (Furthermore, if 97163H is recommended, funding should be contingent on receipt of the final report on 95121.) Consideration should be given to discontinuing subprojects C and P. The APEX project investigates the link between forage fish and seabird productivity. This work may yield results that will benefit the marine ecosystem in Prince William Sound and the northern Gulf of Alaska.

Proj.No.	ProjectTitle	Proposer This amount should includ component (as in 97253).	Lead Agency le the exp	New or Cont'd anded mod	FY97 Expected Jeling	FY97 Request	Recom- mended	FY98 Rec.	FY99 Rec.	FY97-02 Rec.
97167-BAA	Preparation and Curation of Seabirds Salvaged from the <i>Exxon Valdez</i> Spill	S. Rohwer/University of Washington Burke Museum	DOI	New 1st yr. 1 yr. proj	ject	\$41.0	\$32.1	\$0.0	\$0.0) \$32.1
In 1992 the funds from N most valuab <i>Valdez</i> oil sp received and preparation, specimens; adequate to proposal see preparation salvaged fro Burke Muse	Abstract Burke Museum received emergency NSF to salvage about 1,500 of the ble bird carcasses from the <i>Exxon</i> bill. A year later the museum other NSF grant to support the curation and storage of these unfortunately, that funding was not complete these tasks. This eks funds to complete the and curation of the remaining birds om the <i>Exxon Valdez</i> spill for the um.q	Chief Scientist's Dr. This project will establish could be very valuable to require a sampling of birds Potential applications of g techniques to these samp additional information abo populations. If there are n salvage all of the specime should be salvaged, giving of carcasses that has the restoration program. Func	aft Recom a biologica restoration s killed by enetic and les could r ut injured ot enough ns, as ma g priority to greatest v l at \$30,00	mendation al legacy th studies th EVOS. I other uncover bird funds to ny as poss o a combin alue to the 00.	at F at T a s s s ble ation	Executi fund conting his project nd labeling pill. This co tudies that pill.	ve Director's gent on appro will complete of about 400 ollection may require a san	Draft Reco oval of a rea the prepar bird carca have value nple of bird	mmenda duced bu ation, ca sses fror e for resto s that die	tion idget. taloging in the pration ed in the

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Proj.No.	ProjectTitle	Proposer	Agency	Cont'd	Expected	Request	mended	Rec.	Rec.	Rec.
97169-BAA	A Genetic Study to Aid in Restoration of Murres, Guillemots, and Murrelets to the Gulf of Alaska	V. Friesen/Queen's University J. Piatt/DOI-FWS	, DOI	New 1st yr. 4 yr. proj	iect	\$153.0	\$0.0	\$0.0	\$0.() \$0.0
AbstractChief Scientist's Draft RecommendationPopulations of common murres, pigeonThe Trustee Council is interested in application ofguillemots, and marbled and Kittlitz's mureletsThe Trustee Council is interested in application offrom the Gulf of Alaska are failing to recover fromthe Exxon Valdez oil spill. This project would usestate-of-the-art genetic techniques to aid in theirrestoration by 1) determining the geographiclimits and structure of populations, i.e. the extentto which colonies are genetically isolated orcomprise metapopulations, 2) detecting crypticspecies and subspecies, 3) identifying sourcesand sinks, 4) providing genetic markers for theidentification of breeding populations of birdskilled by the spill, 5) identifying appropriatereference or control sites for monitoring orrestricting recovery.FY 97. However, a subsequent proposal would beencuraged that is more focused on theEVOS-related objectives and is more cost effective.					mmenda led prop rbled mu tter unde pulation al was ro expresse tives and	ition osals on irrelets, erstand s of esponsi d				
9718 2- BAA	Phenology of Kittlitz's Murrelets in Prince William Sound	R. Burns and L. Prestash/Pelagic Environmental Services	NOAA	New 1st yr. 1 yr. proj	iect	\$247.0	\$0.0	\$0.0	\$0.0	D \$0.0
Kittlitz's mur tagged from Prince Willia murrelets du the relations and foraging breeding se patterns out data obtaine analyzed us	<u>Abstract</u> relets will be captured and radio a June through August, 1997 in am Sound. Radio tracking individual uring the breeding season will identify ship between the murrelets' nesting g habitats. Radio tracking after the ason will determine murrelet disperse of Prince William Sound. Spatial ed through radio tracking will be sing GIS.	<u>Chief Scientist's Dr</u> The investigators have pion capture and radio-tagging stand-alone effort, howev strong. It could be a usef the core project on Kittlitz work is not a priority at this al	aft Recom oneered w of murrele er, this pro ul compler 's murrele s time. Do	imendation ork on the ets. As a oject is not nent to 971 ts, but this o not fund.	142, new	Executi Do not fund estoration s considering	ve Director's Complete P strategy for Ki new proposa	Draft Recol roject \142 ttlitz's murr ls to study t	mmenda and dev elets bet his spec	<u>tion</u> elop a fore cies.

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¦i Rroj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	Recom- mended	FY98 Rec.	FY99 Rec.	FY97-02 Rec.
97224	Forage Fish Assessment of the Cook Inlet, Shelikof Strait, and Gulf of Alaska Oil and Gas Development Assessment Areas	V. Elliott/DOI-MMS, A. Bennett/DOI-NPS	DOI	New 1st yr. 3 yr. proj	ject	\$110.0	\$0.0	\$0.0	\$0.0) \$0.0
This project and collatin density, dis of forage fi western Gi Inlet adjace Additional	<u>Abstract</u> of would provide a means for collecting ing information on the abundance, stribution and stock/population status shes in the nearshore areas of ulf of Alaska, Shelikof Strait and Cook ent to National Park Service areas. inventory and monitoring of forage fish	Chief Scientist's The purpose and techn proposal are vague, wit identified restoration ob this project would provid Trustee Council. Do no	Draft Recom ical approacl h no apparen jectives. It is de useful info ot fund	mendation n of this nt linkage t unlikely th ormation to	D to a pat the	Executi o not fund. chieving re	ve Director's This project storation obje	Draft Reco would con ectives.	<u>mmenda</u> tribute lit	<u>tion</u> tle to

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spills.

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biomass and quality would be done to establish

a trend index for ecological change and provide a baseline. Subsequent long-term monitoring could enable the differentiation between natural

fluctuations of forage fish biomass and nutrient quality and large or abrupt changes that may occur from local human disturbances, such as oil

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Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	FY97 Recom- mended	FY98 Rec.	FY99 Rec.	Total FY97-02 Rec.
97231 #	Marbled Murrelet Productivity Relative to Forage Fish Availability and Environmental Parameters	K. Kuletz/FWS	DOI	New 1st yr. 4 yr. proj	ject	\$217.7	\$0.0			\$0.0
This project forage fish murrelet rep It compares determined index of mu inter-annua sites in Prir Sound and and marine a descriptive distribution changes in indicative o	Abstract t investigates the hypothesis that abundance is limiting marbled productive success and thus recovery s forage fish abundance, as by APEX and SEA studies, to an urrelet productivity. Intra- and al comparisons will be made among six nee William Sound and between the Kachemak Bay. Data on terrestrial habitat use will be integrated to make we model of adult and juvenile murrelet . Historical data will be examined for the present distribution of murrelets of ecosystem-level changes.	Chief Scientist's E This project investigates fish abundance is limiting reproductive success an would complement the A important in its own right murrelets. This is a goo investigator, but I am un need for a 4-year project especially personnel cos be reduced. If funded, fit \$180K.	braft Recom the hypothe g marbled r d recovery. PEX project given the d project fro certain whe t. The proje ts, and the und at a ma	mendation esis that fo murrelet This work tand is EVOS injur om a solid ther there i ect is exper budget sho ximum of	is view is found is f	Executi over priorit nvestigate t nurrelet pro population is responsive t proposals th work with the his project i explored. If project, the f FY 97, \$180 Funding sho report on 95	ve Director's I y for funding. he link betwee ductivity and t a not recoverir o the Invitation at would integ e APEX project nto the APEX Project 97231 funding level s .0 in FY 98, a uld be conting 031.	Draft Recon This proje on forage fi thereby hel ng. The pro- n, which er prate marbl ct. Actual i project new is funded should not ond \$50.0 ir gent on rec	mmenda ect would sh and r p explai oposal is ncourage ed murr ncorpor eds to b as a se exceed s a FY 99. eipt of th	tion marbled n why the ed elet field ation of e parate \$180.0 in ne final
97235	Sand Lance Literature Review and Synthesis	B. Nelson and S. Rice/NOA4	NOAA	New 1st yr. 1 yr. proj	ject	\$42.3	\$0.0	\$0.0	\$0.(0 \$0.0
The SEA, A predicated William Sou have been the nearsho have not fo distribution summarize into a comp datasets w lance distri area. An e be produce	<u>Abstract</u> APEX and NVP programs are on understanding how the Prince und ecosystem functions. Sand lance identified as an important prey item in ore environment, but these programs icused on the abundance and of this species. This proposal would the existing literature on sand lance orehensive review and identify hich may contain information on sand bution and abundance in the spill electronic annotated bibliography will ed.	<u>Chief Scientist's E</u> This is a reasonably goo the biology of the sand la Alaska. However, there proposals that could inco literature review on a m The TEK component is a Do not fund.	Draft Recom d proposal ance in the are several proprate a the ore cost effe also address	mendation for docume northern G competing horough ective basis sed elsewh	enting I ulf of e 3 s. here.	Executi Do not fund.	ve Director's E Project 9730 dy of sand lan	<u>Draft Recor</u> 6 propose ce.	<u>mmenda</u> s a more	ition cost
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Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	FY97 Recom- mended	FY98 Rec.	FY99 Rec.	Total FY97-02 Rec.
97253-BAA	Factors that Limit Seabird Recovery in the EVOS Study Area: A Modeling Approach	D. Ainley/H.T. Harvey & Associates, R. Ford/Ecological Consulting, Inc.	DOI	New 1st yr. 1 yr. proj	ect	\$93.8	\$0.0	\$0.0	\$0.	D \$0.0
This project which food seabirds in foraging eff breeding pr will test the affecting re- which this of scale at wh food availat by APEX. If the APEX re are collecte objective: t supply is lin	Abstract will use models to assess ways in supply could be affecting recovery of the EVOS study area. Models of ort and success as it relates to oductivity will be developed. Results degree to which food limitation is covery, indicate the mechanisms by could come about, and identify the ich interactions are occurring between bility and the colonies being studied Moreover, results should help to "aim" esearch effort so that sufficient data d to fulfill the overriding APEX o understand the ways in which food niting seabird recovery.	Chief Scientist's Dra This technically sound pro APEX program by creating observations of APEX inve- predictions that can be tes highly qualified, although la high cost of manager at Ha justification. This proposa as a portion of the APEX p some funds have already a APEX budget for this purp separate project, but fold in concurrence of APEX lead	aft Recom posal wou a model estigators ted. Inves abor costs arvey & A I should o program, a been mad ose. Do r nto APEX lership an	mendation Id augmen to integrate and develo stigators are s are high. ssociates r nly go forw and at least de available not fund as (subject to d proposer	t the D the th p The needs ard e in s).	Executi Do not fund ne APEX pr	<u>ve Director's l</u> as a separate roject (97163)	<u>Draft Reco</u> project. Ir	<u>mmenda</u> icorpora	<u>ition</u> te into

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		Decent	Lead	New or Cont'd	FY97 Expected	FY97 Request	FY97 Recom-	FY98 Rec	FY99 Rec	Total FY97-02
97305	Monitoring Response of Seabirds to Changing Prey Availability Using Stable Isotope Analysis	J. Piatt/DOI-NBS	DOI	New 1st yr. 4 yr. proj	ect	\$90.1	\$0.0	\$0.0	\$0.0) \$0.0
A key com (APEX) de seabirds to following t accurate e Recent ad occurring to trace fo communiti dynamics associatio changes in measurem including t establish o time period	Abstract component of the ecosystem-level study X) designed to evaluate the response of irds to fluctuations in forage fish density ving the <i>Exxon Valdez</i> oil spill is the rate evaluation of seabird diet through time. and advances in the use of naturally rring stale isotopes of carbon and nitrogen ce food webs can be applied to seabird nunities and this technique will allow trophic mics and location of feeding to be traced in ciation with intra- and inter-seasonal ges in seabird prey. Moreover, the surement of several tissues of seabirds, ding those of their eggs, will be used to bish diet of birds integrated over various periods.						mmenda ne APEX '0 using s	tion project stable		
97306	Ecology and Demographics of Pacific Sand Lance in Lower Cook Inlet	J. Platt/DOI-NBS	DOI	New 1st yr. 3 yr. proj	ect	\$27.8	\$32.8	\$30.0	\$20.0) \$82.8
The purpo basic ecol sand lance of upper tr Alaska hav availability important the northe seabirds, a published species.	<u>Abstract</u> ose of this project is to characterize the ogy, distribution and demographics of e in lower Cook Inlet. Recent declines rophic level species in the Gulf of ve been linked to decreasing v of forage fish. Sandlance is the most forage fish in most nearshore areas of ern Gulf. Despite its importance to fish, and marine mammals, little is known or on the basic biology of this key prey	Chief Scientist's I This is a novel and exce to understanding of a fo very important to injured ecosystem. Relies on a good supervision and is PIs should consider add on sand lance biology to budget increase (perhap appropriate to accomplis	Draft Recom eptionally use rage fish spe d resources a graduate st very cost ef lition of a lite o this project ps \$4-5,000) sh this objec	mendation eful contrib ecies that is and the ma udent unde fective. Fu rature revia and a sma would be tive.	ution F s P rine ir er p ind. fi ew p all s n	Executi und conting roject Desc aclude a lite roject woul sh in the no opulations hould be st cosystems narine marr	ve Director's gent on appro- cription and si- erature review d study sand orthern Gulf o have been in udied in orde as they may imals.	Draft Reco oval of a re- lightly incre- on sand la lance, an i f Alaska. S decline in r to unders affect injur	mmenda vised Del eased buo ance biolo mportant Sand lanc recent ye tand mar ed seabir	tion ailed Jget that- ogy. This forage te ars and ine rds and

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Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	FY97 Recom- mended	FY98 Rec.	FY99 Rec.	Total FY97-02 Rec.
Archaeologic	cal Resources				\$195.0	\$633.2	\$220.2	\$205.0	\$135.0	\$965.2
97007A	Archaeological Index Site Monitoring	D. Reger/ADNR	ADNR	Cont'd 5th yr. 10 yr. pr	\$135.0 ⁻ oject	\$192.2	\$135.0	\$145.0	\$135.0	\$820.0
Monitoring injured by v on a sampl the spill. O reintroduce monitoring	<u>Abstract</u> of archaeological sites on public land vandalism and oiling will concentrate le of index sites in the three regions of biled sites will be tested for ed oil. The project will end in FY 99 if shows no continued injury.	Chief Scientist's Conceptually, this is a g to address "recovery" a Perhaps the sites on ne be looked at at least on commitment should be This project should be f reduced level and with budget.	Draft Recom good project to it injured arch ewly-acquired ace, but any to assessed aft funded, but p reallocations	mendatior that contin naeologica d lands sho onger er those v ossibly at within the	1 Iues F Il sites. a ould o risits. a a D t t t t t t t t t t r n r n	Executi und contin- mount proj n approval nd budget. rchaeologie efer decisi odiak and ne Trustee oncept may nese four s nd evaluate rogram on onsideratio nonitoring fi otential vol nay be esta	ve Director's uation of the ected in FY 9 of a revised The project cal sites injur on on fundin Shuyak islan Council's hal y have merit, ites should b ed in the con land recently on for acquisi or these land unteer site si bilished in the	Draft Reco existing pro- betailed Pr provides for ed by vand g an addition ds newly addition bitat protect but a propo- e submitted text of a lon v acquired of tion. The loc ls should all tewardship ese areas.	mmenda ogram at ding cont oject Des monitor alism and nal four s cquired th ion progra scal to m as a new gasal to m as a new as a new	tion the ingent scription ng of d oiling. sites on nrough ram. This onitor w project nonitoring der s that

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Proj.No.	ProjectTitle	Proposer	Agency	Cont'd	Expected	Request	mended	Rec.	Rec.	Rec.
97007В	Site Specific Archaeological Restoration	L. Yarborough/USFS	USFS	New 3rd yr. 3 yr. proj	\$0.0 ect	\$27.2	\$18.9	\$0.0	\$0.C	\$18.9
This proje additional archaeolo SEW-488 project ha phase of t the result public. Th profession paper for make trips information	<u>Abstract</u> of would provide funding for an phase of the Forest Service's gical restoration at sites SEW-440 and . The final report on the restoration wing been completed in FY 96, this the project will complete presentation of to the professional and general the Principal Investigator will prepare two hal papers for publication and one presentation at a conference, and is to spill-area communities to present in about the project results.	<u>Chief Scientist's</u> This is an on-going and and extract information This project deserves c at reduced level.	Draft Recom I successful from archae continued sup	mendation project to a logical site oport. Fund	ssess F s. 9 d, but p o jc p T e	Executi und conting 5007B and roject will d f SEW-440 purnal articl rofessional hese excav arly occupa	ve Director's gent on recei approval of a lisseminate th and SEW-48 es and prese conference a vations provid ants of Prince	Draft Reco pt of the fin a reduced b ne findings 38 through p entation at a and to com ded significa e William So	mmenda al report oudget. 1 of the exp peer-revie major munity gr ant insigh ound.	tion for This cavations ewed roups. nts into
97149	Archaeological Site Stewardship	D. Reger/ADNR	ADNR	Cont'd 2nd yr. 3 yr. proj	\$60.0 ect	\$95 .3	\$66.3	\$60.0	\$ 0.0	\$126.3
The archa provide tra volunteers spill area monitoring damaged Kachema Chignik au protection awarenes	Abstract aeological site stewardship program wi aining and coordination for a cadre of s to monitor vandalized sites in the oil beyond the ability of agency g. Volunteer site stewards will protect sites on the Kenai Peninsula, k Bay, Uganik Bay, Uyak Bay and the rea of the Alaska Peninsula. Further will come from increased local s of harm from site vandalism.	Chief Scientist's Vandalism of archaeolo concern in the aftermat protection and restorati most successful if unde successful project is te approach, and it should budget should be scrutt proposed level.	Draft Recom ogical sites w th of the oil sp on of injured ertaken by loc sting and fos the continue inlzed. Fund	mendation as a seriou bill. Long-t sites will b cal people. tering this d. Personi at original	is F erm w e b This c a nel c ly m e	Executi und at the ith funding udget. This oordination rchaeologic urrently bey nonitoring. ither by vol	ve Director's FY 96 level le contingent o is a pilot pro for volunteel cal sites in the yond the abili After FY 98, unteer stewa	Draft Reco ess project n approval ject that pro- rs to monito e oll spill ar ity of norma expenses v irds or ager	mmonda manager of a revis ovide trai or vandali ea. This agency vill be as icy budge	tion nent, sed ning and zed effort effort

μ.	1		Lead	New or	FY97	FY97	FY97 Recom-	FY98	FY99	Total FY97-02
<u>Proj.No.</u> 97277	ProjectTitle Archaeological Repository and Cultural Facility in Chenega Bay	Proposer C. Totemoff/Chenega Corporation	USFS	New 1st yr. 3 yr. proje	ect	\$318.5	\$0.0	\$0.0	\$0.0	Rec.) \$0.0
This projec repository i programmin stewardship curation of programs. period inclu engineering developme Foundation inventorying Completion plan is also	Abstract t would fund an archaeological n Chenega Bay, Alaska. Additional ng under the project will include o of the facility, preservation and artifacts, and educational/cultural During 1997, the work planned for the ides site control, architectural and g final proposals, and program nt (in league with Chugach Heritage), as well as artifact and site g, cataloging, and collecting. of the operations and maintenance expected during this phase.	<u>Chief Scientist's D</u> Although this project wou archaeological restoratio Chenega Bay, there are be resolved in regard to This raises both financial which must be addresse limited proposal and the issues, I cannot recomm	Praft Recom Jd contribut n objectives major long- operation of l and policy ed by others unresolved end funding	mendation e to with respe- term issue the facility questions, . Based or long-term at this time	ect to s to	Executi Defer decisi comprehens restoration (subsequent oreservatior nvite submi	ve Director's on on funding sive commun 96154). If th y issues an i n projects (se ssion of a mo	Draft Recon g until after ity plan for a le Trustee C nvitation for le p. 42 of th ore detailed	mmenda completio archaeolo council local he ne Invitati proposa	ion on of the ogical ritage ion), I.
Subsistence					\$1,226.0	\$6,281.8	\$1,180.9	\$909.0	\$632.0	\$3,546.9
97009D-CLC ;	Survey of Octopuses in Intertidal Habitats	D. Scheel/Prince William Sound Science Center	USFS	Cont'd 3rd yr. 3 yr. proje	\$40.9 ect	\$53.3	\$48.0	\$0.0	\$0.0	\$48.0
This projec and chiton that subsist proposal, c FY97, the t (FY95) was with octopu sites, and e year (FY96 nearshore l and on the habitats.	Abstract t addresses concerns that octopus have been depleted by EVOS and tence uses are impaired. In this lose-out costs are requested for hird year of the project. The first year to establish the feasibility of working is in the Sound, identify suitable study evaluate techniques. The second) is focusing on the factors in habitats that are important to octopus, turnover rates of octopus in those	<u>Chief Scientist's D</u> This is a good project to a two-year study of octop addressed the concerns abundance of octopus an identified octopus habitat encouraged to integrate efforts. Fund, but recom (e.g., \$45K).	analyze and bus in PWS of local peo nd chitons a t in PWS. T the report a mend reduc	mendation d report dat t has ple about t ind has the PI is nd publicat ced budget	ta on l he l tion	Executi Fund contine Project Dese presentation plain-langua meeting, to (Chenega B combine the provides clo poctopus des poctopus stor subsistence	ve Director's gent on appro- cription and b of survey re- age written su- residents of p ay, Tatitlek, a e final report a se-out funds signed to add cks were dep use of this re-	Draft Recon oval of a rev budget which esults, throug ammary or a barticipating and Port Gra and publicat for a two-ye ress the cor bleted by the esource is in	mmenda vised Det h (1) inclu gh either commur aham), a ions. Th ear surve ncern tha oil spill a mpaired.	tion ailed a nity nities nd (2) is project y of t and that

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Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	Recom- mended	FY98 Rec.	FY99 Rec.	FY97-02 Rec.
97052	Community Involvement/Traditional Ecological Knowledge	P. Brown/Chugach Regional Resources Commission	ADFG	Cont'd 3rd yr. 8 yr. proj	\$250.0 ect	\$378.8	\$250.0	\$250.0	\$250.0	\$1,500.0

Abstract

This project would increase community involvement in the restoration process. Martha Vlasoff's subcontract as the Spill Area-Wide Coordinator would be renewed through a contract with the Chugach Regional Resources Commission (CRRC). Through direct communications with a network of local facilitators, the Spill Area-Wide Coordinator would continue to actively involve local residents in the restoration program, particularly ongoing scientific studies. ADFG would compile the TEK raw data they currently hold and put it into a database using the Whiskers! database as a template. <u>Chief Scientist's Draft Recommendation</u> This is an important continuing program that makes a contribution to the Trustees' traditional knowledge objective for community involvement. It is not clear, however, that the program has been completely successful. The FY97 proposal contains a possibly overambitious scope of work, with objectives and methods that are sometimes not clear. Lack of concrete deliverables raises guestions about

ultimate contribution of the project. The structure of

the program needs to be strengthened; reconsider

funding revised proposal

Executive Director's Draft Recommendation

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Fund contingent on approval of a revised Detailed Project Description and budget. Fund community involvement component at level similar to FY 96, including addition of a community facilitator in Seldovia and additional travel for community facilitators to EVOS workshops. Funding of a computer network should be deferred until the communities and their regional organizations (in particular, Chugach Regional Resources Commission, Chugach Heritage Foundation, Kodiak Area Native Association, and Kodiak Island Borough) come forward with a collaborative plan to establish a network, train communities to use the network, and provide for maintenance and other operational costs of the network. Fund ADF&G contribution to this project through Project 97250/Project Management. Traditional knowledge component will be considered as part of a consolidated TEK project (97352) to be developed over the next several weeks in conjunction with this project. Project 97052 continues a program to facilitate communication and interaction among the Trustee Council, scientists, and residents of communities impacted by the oil spill.

Proi.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	FY97 Recom- mended	FY98 Rec.	FY99 Rec.	Total FY97-02 Rec.
97127	Tatitlek Coho Salmon Release	G. Kompkoff/Tatitlek IRA Council	ADFG	Cont'd 3rd yr. 4 yr. proj	\$15.9 ect	\$12.0	\$11.1	\$12.0	\$12.0	\$35.1
This proje Boulder E eggs to p from an A reared to transporte in Boulde produce a Bay for ha	<u>Abstract</u> ect will create a coho salmon return to Bay near Tatitlek village. Enough coho roduce 50,000 smolt will be collected ADFG approved stream, incubated and smolt at the Solomon Gulch Hatchery, ed, and held for two weeks in net pens or Bay before release. Release will a 2,000 to 3,000 adult return to Boulder arvest in a subsistence fishery.	<u>Chief Scientist's Dr</u> This is a good replaceme	r <u>aft Recom</u> nt resource	<u>mendation</u> e project. F	und. F F c i	Executi Fund conting Fund throug create a coh replacement njured by th	ve Director's gent on appro h FY 99 (one o salmon run resource for e oil spill.	Draft Reco oval of a rev e coho life o near Tatitl subsistenc	<u>mmenda</u> /ised buc :ycle). P ek as a :e resour	tion Iget. roject will ces
97131	Chugach Native Region Clam Restoration	D. Daisy/Chugach Regional Resources Commission	ADFG	Cont'd 3rd yr. 5 yr. proj	\$413.6 ect	\$401.4	\$310.0	\$275.0	\$275.0) \$860. 0
Project of accessibl Native vill Qutekcak provide a and cockl agency e identify an Total see 5 hectare to areas r Tatitlek, N Native vil becoming beach su	Abstract bjective is to establish safe, easily e subsistence clam populations near lages in the oil spill region. The k hatchery in Seward will annually bout 800,000 juvenile littleneck clams les. Historical information, local and xpertise, and research will be used to reas to seed and what method to use. ded area during project will not exceed es. Development work will be confined near the Native villages of Eyak, Nanwalek, and Port Graham. Other lages in the oil spill region interested in g part of the project will have preliminary rvey work done.	Chief Scientist's Dr FY 1997 is the third year proposers have shown th grow little-neck clams in a However, there are still so the grow-out phase of the concerns have not been a proposers. The cost of th including such items as 1 inhouse aquaculture expe limited time, was recomm upon submission of revise addresses previous peer one-time basis, add 6 mo employee's time to start of facility in relation to the cl	raft Recom of a 5-year at they car a nursery e ubstantial c project. T addressed nis project i 2 months t ert (an outs nended). F ed DPD that review con operations of am project	mendation project. T a spawn an nvironmen concerns al hese and o by the s very high ime for an ide expert, und conting at fully nments. O ADF&G of the new	he F d F t. r bout I other A c t other A c t t for a C gent F n a i	Executi Fund conting Project Desc aised by Ch nclude fund ADF&G mar contribution of the state's hat the serv Council's cla Project is int populations njured by th	ve Director's gent on appro cription that a hief Scientist a s for approximiculture techno of the Truste a Mariculture rices of the Mann restoration ended to esta as replacement e oil spill.	Draft Reco oval of (1) n ddresses to and (2) red mately 6 mo nician as a e Council to Technical (TC are ava n effort (see ablish subs ent for subs	mmenda evised D echnical uced buc onths of a 1-time or oward op Center to ilable to Project istence c istence r	tion etailed concerns lget. an eration eration ensure the 97171, lam esources

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Proj.No.	ProjectTitle	Proposer	Agency	Cont'd	Expected	Request	mended	Rec.	Rec.	Rec.
97156	EVOS Restoration Public Access & Education Program	H. Tomingas/Ocean Explorers	ADFG	New 1st yr. 6 yr. proj	ject	\$267.5	\$0.0	\$0.0	\$0.0) \$0.0
Project wil knowledge communit aboard res EVOS pro	<u>Abstract</u> Il provide funds for traditional e holders, educators, coastal y representatives, and the like to be search vessels contracted for use on jects.	Chief Scientist's Dra Not possible to determine will contribute to recovery not justified, and no preser TEK qualifications or expe fund.	If Recom if this proj objectives ntation of rience is r	mendation ect is feas . High cos the propos nade. Do	ible or I ts are I ser's t not I s i i i i i i i i i i i i i i i i i i	Executi Do not fund project woul ransported under contra of spill-area should be convestigators Coordinator should be in FEK project	ve Director's as a separate d pay for com to and stay a act to EVOS p residents in c bordinated wi s and the Cor (Project /052 cluded in indi (97352) curre	Draft Reco e project. Ir nmunity me board rese projects, Si projects,	mmenda general mbers to arch ves uch parti- earch pr l EVOS volvemer s for this act budge develop	tion , this be sels cipation ojects princip: it purpose ets or the ment.
97210	Youth Area Watch	R. Sampson/Chugach School District	ADFG	Cont'd 2nd yr. 7 yr. proj	\$100.0 ject	\$203.4	\$120.0	\$120.0	\$0.0) \$240.0
This projects impacted is projects furthe goal is process as restoration come. Yo principal in interest in	Abstract ct links students within the oil spill area with research and monitoring unded through the Trustee Council. s to involve students in the restoration nd give them the skills to participate in n activities now and in the years to both conduct activities identified by nvestigators who have indicated working with students.	Chief Scientist's Dra This is a conceptually stron coordinated with other con restoration program. The p with vague technical methor suggests the project is fea excessive, and not consist tightly coordinating operati Reconsider scaled-down p administrative labor.	Aft Recoming proposition of ponents proposal is proposal with the program with the prog	mendation al that is w of the s not well-v ast experie t seem ne plan for other proje ith less	vell vritten, a ance cts. t	Executi Fund second ncrease in f a few more so participating Restoration approval of so pudget whic expansion we eview of the B, expense participating project is de restoration p	ve Director's d year of this funding over I students and students to a Workshop. F a revised Det h reflect this i vill be conside e pilot project is will be assu school district signed to inve projects.	Draft Reco pilot project FY 96 to all to provide attend the E Funding is c alled Project modest include ared for FY 's implement uned either cts or Chug olve local y	mmenda it with a r ow partic funds for VOS An VOS An Ot Descri rease. A 98, follow tration. A by the achmiut. outh in o	tion nodest lipation of two nual it on ption a dition wing a After FY This ngoing

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	l I						FY97			Total
Desi No		Deserves	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	Recom-	FY98 Rec	FY99 Rec	FY97-02
97214-CLO	Documentary on Subsistence Harbor Seal Hunting in Prince William Sound	B. Simeone/ADFG	ADFG	Cont'd 2nd yr. 2 yr. projec	\$0.0	\$12.1	\$5.4	\$0.0	\$0.0	\$5.4
This is a close The video w hunting, inclu- knowledge h Taylor Produ- the contract will be comp requested for subcontract participation ADFG staff for project and for also support a public scree in Anchorage	<u>Abstract</u> se-out of a project begun in FY 96. ill document all facets of harbor seal uding the ecological and biological nunters use to hunt seals. In FY 96, uctions of Anchorage was awarded to produce the documentary, which bleted by February 1997. Funds or FY 97 will supplement a with Tatitlek to support village in the project and one month of time to assist with review of the final report completion. Funds will t participation by Tatitlek residents in eening of the completed documentary e.	<u>Chief Scientist's I</u> These funds are for close document subsistence upromises to be a very su great educational value, the rural residents of Ala the restoration of subsise additional funds, the print make sure that the vide distribution.	Draft Recom se-out of a pro- use of harbon uccessful vic . It will be po- aska, and will stence service ncipal investion o receives et	mendation roject to r seals. This leo that will h pular among ll contribute es. With the igators shou xtensive	F have th g N to ru ise w ild ru u o c	Execution Fund portion ubcontract his project to Anagement evised Detain hom and hevised budg to the restor ses by tran bservations ommunity.	ve Director's of project th with Tatitlek. hrough Proje at. Funding is ailed Project I ow the video get. This proj ation of harbo smitting local s about harbo	Draft Recor at would su Fund ADF ct 97250/Pr contingent Description will be distr ject is desig or seals and knowledge or seals to th	mmenda pplemen &G contri on approved which ou ibuted, a ined to co subsiste and ne scient	tion t ribution to oval of a attines to and a ontribute ence
97220	Eastern PWS Wildstock Salmon Habitat Restoration	D. Schmid/USFS	USFS	Cont'd 2nd yr. 4 yr. projed	\$115.0 ct	\$118.0	\$92.0	\$92.0	\$20.0	\$204.0
This project resulting from increasing w Prince Willia improvement of log structu subsistence selected stree The project cooperativel Native Villag	<u>Abstract</u> will replace lost subsistence services in the <i>Exxon Valdez</i> oil spill by yild salmon production in eastern in Sound. Instream fisheries habitat it techniques, primarily the installation ures, will be employed by local users to increase the capability of eams to produce additional salmon. is being developed and implemented by by the Native Village of Eyak, the ge of Tatitlek, and the USFS.	<u>Chief Scientist's I</u> This is a continuation of provide replacement su Fund.	Draft Recom an ongoing bsistence fis	mendation project to h resources.	. d tt c s ir S	Executi und at FY (ecision on ne Tatllek a omplete. T ubsistence ncreasing w cound.	ve Director's 56 level (Eyal expanding pr rea until after his project is services lost ild salmon pr	Draft Recon k area strea oject to incl the FY 98 designed to due to the roduction in	mmenda ims only ude strea field sea or replace oil spill b Prince V	tion). Defer ams in 80n Is 9 y Villiam

Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	FY97 Recom- mended	FY98 Rec.	FY99 Rec.	Total FY97-02 Rec.
97222	Chenega Bay Salmon Habitat Enhancement (Stream 667 Fish Pass)	USFS	USFS	Cont'd 2nd yr. 3 yr. projec	\$56.4 st	\$78.8	\$0.0	•	\$0.() \$0.0
This proje subsister pass in S Creek an through t inaccessi above the fish pass coho salr habitats i number c	Abstract ect seeks to help the recovery of nee in Chenega Bay by installing a fish stream 667 (known both as Anderson ad O'Brien Creek). This creek flows he community of Chenega Bay but is ible to salmon because of a waterfall just e upper intertidal zone. Installation of a at the waterfall would allow chum and mon access to spawning and rearing in the creek and would increase the of salmon available for subsistence use.	<u>Chief Scientist's D</u> Deter funding until there the 1996 results.	raft Recom	mendation tunity to see		Execution Defer decision study and er available (ex- respectively) services lost additional sp coho salmor Creek) near	ve Director's on on funding nvironmental (pected Augu). Project wo t due to the oi oawning and r n on Stream 6 the village of	Draft Reco until resul analysis fu st 1996 an uld replace l spill by op earing hab 67 (also ku Chenega	mmenda ts of feas nded in f d Octobe subsiste pening up itat for cl nown as Bay.	tion sibility FY 96 are er 1996, ence o hum an Anderson
97225	Port Graham Pink Salmon Subsistence Project	E. Anahonak, Port Graham IRA Council	ADFG	Cont'd 2nd yr. 5 yr. projec	\$83.1	\$80.4	\$74.4	\$75.0	\$75.0) \$299.4
This proje subsister maintaini broodsto local runs traditiona low levels on for sul ADFG m juvenile-t pink salm program.	Abstract ect will provide pink salmon for nee use in the Port Graham area while ing the Port Graham hatchery's ck development schedule. Because s of coho and sockeye salmon, the more al salmon subsistence resource, are at s, pink salmon are being heavily relied bsistence. The project will supplement onitoring of the Port Graham hatchery's non return, and will enhance the to-adult survival of hatchery-produced non through an extended rearing	<u>Chief Scientist's D</u> This proposal will genera subsistence resources. T improved over the previo close attention to the rev produced a well-thought good probability of succe	raft Recom te replacen This version ous proposa iewer's con out proposa ess. Fund	<u>mendation</u> nent pink salu is much il (FY96), as nments has al with very	mon F	Executi Fund conting Project is int salmon for s and sockeye	ve Director's gent on appro ended to incr ubsistence u salmon depl	Draft Reco oval of a re ease the a se, replacin leted since	mmenda duced bu vallability ng runs c the oit s	tion idget. / of pink f coho pill,

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Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	FY97 Recom- mended	FY98 Rec.	FY99 Rec.	Total FY97-02 Rec.
97244	Community-Based Harbor Seal Management and Biological Sampling	M. Reidel/Alaska Native Harbor Seal Commission	ADFG	Cont'd 2nd yr. 3 yr. proj	\$100.0 ect	\$155.7	\$100.0	\$85.0	\$0.0) \$185.0
This proje collection in FY 96 in Inlet to two Peninsula technician Harbor Se collect san analysis. distributed produced seal subsi The ANHS produce a	Abstract ct will expand the biological sample program funded by the Trustee Counci in Prince William Sound and lower Cook o Kodiak Island and two Alaska communities. Village-based as will be selected by the Alaska Native eal Commission (ANHSC) and trained to mples and transport the samples for The traditional knowledge database d in FY 96 will be updated and on CD-ROM. Maps depicting harbor istence harvest areas will be prepared. SC will organize a workshop and and distribute a newsletter.	Chief Scientist's Dr The technical approach for it seems feasible, and ma residents talents that hav underutilized. Good collal Watch project (96210). Pr through on plan to find fur Management costs seem commission's TEK time c adverse impact on the pro- submission of revised pro-	aft Recom or this proje- kes excelle e been hist poration wit roposers ne high; harb- ould be reco posal. Fu oposal.	mendation ect is very of orically th Youth An eed to follo than EVO or seal luced witho nd after	clear; F ocal a orea a w a S. w but N but N 9 s but S 9 s c c c	Executive und continue mount projet n approval nd budget. s a prototype ill involve N arbor seals lative hunted 7001, 9706 arbor seals roposed ex 8 after an a ampling pro- eals and co roposed up pontext of 97 comprehens	ve Director's i uation of the e ected in FY 9 of a revised I If successful be for a long- Native hunters in the near ers to provide i4, and 97170 are not reco- pansion of the seessment o opram and the optimuing rese grade of the 7352, a new p ively the use	Draft Reco existing pro 6, with func Detailed Pro 1, this pilot p term samples in the ma term, this p harbor sea 0, which sea vering. Re e sampling f the effect e recovery earch needs "Whiskers! project that of tradition	mmenda gram at igram at ing cont oject Des- oroject w ing prog nagemen project w al sample ek to exp consider program iveness of status of s. Evalua " databas will addr al ecolog	tion the ingent scription ill serve ram that it of ill enable es for plain why the n in FY of the f harbor ate the se in the ress gical

knowledge in restoration program.

Proi.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	FY97 Recom- mended	FY98 Rec.	FY99 Rec.	Total FY97-02 Rec.
97245-BAA	Community-Based Harbor Seal Research	M. Reidel/Alaska Native Harbor Seal Commission	ADFG	New 1st yr. 4 yr. proj	ect	\$274.3	\$0.0	\$0.0	\$0.0	\$0.0
This project subsistence sets needed harbor seal of subsisten knowledge a and other co seasonal ch during the fa annotated ha work with the record obse and summan newsletters.	Abstract aids restoration of harbor seals and by developing fundamental data to (1) evaluate factors affecting the decline and (2) strengthen monitoring ce takes. This project involves the and expertise of subsistence users ommunity members to survey anges in harbor seal distribution all-winter-spring, develop detailed arbor seal distribution maps, and e Community Involvement project to rvations of local marine occurrences rize observations in regional	Chief Scientist's D This project addresses si concerns about what is h population in spill area. It local residents in surveyi particularly in the winter r experience of the investig proposed collaboration w desirable. However, this the extensive existing da data would be utilized. It the results of this project understanding of seal de recovery. Do not fund, b FY98 after overall assess program.	raft Recom gnificant cc appening to proposes t ng harbors months. The gators is go rith local res proposal do tabase and is not explic will augme clines or aid ut consider sment of ha	mendation ommunity o harbor se o train and seals, e level of od, and the sidents is bes not ado how these citly stated nt our d in their revision in rbor seal	eal 9 I use h dress how	Executi o not fund 8 after the arbor seals	ve Director's I in FY 97. Re assessment o and continuit	<u>Draft Reco</u> consider th of the recov ng researc	mmendal is propos very statu h needs.	tion sal in FY s of
97247	Kametolook River Coho Salmon Subsistence Project	J. McCullough & L. Scarborough/ADFG	ADFG	New 1st yr. 7 yr. proj	ect	\$46.2	\$0.0			\$0.0
This project in 1996 throu The first yea what method Kametolook This project 2002 for AD enhancemen boxes and h and rearing	<u>Abstract</u> is a continuation of a project funded ugh the EVOS criminal settlement. In of the project is an assessment of d would be best suited to restore the River's coho runs to historic levels. would provide funding through FY FG to try conservative and safe int methods. Instream incubation habitat improvements for spawning habitat will be evaluated.	<u>Chief Scientist's D</u> This proposal does not h foundation in relation to E policy and ADF&G genet additional planning.	raft Recom ave a prope EVOS supp ics policy a	mendation er technica lementation nd needs	i E n p s c r r t t () fi ir a r	Executi Defer decision roject, which tate's crimin complete. For roject woul evised Deta exchnical con 2) a reduce room the crimin plementation coho salm esource for	ve Director's I on on funding th was funded nal settlemen uture funding d be continge ailed Project D ncerns raised d budget (\$18 ninal fund for ion). This pro on run near F subsistence	Draft Reco until evalued with grant t with Exxo of implem of implem by the Chi 3.9 had been the first ye oject is des presources	mmenda ation pha t funds fro n Corpor entation (oval of (1 that addu ief Scient en reques ar of proj igned to a replac injured by	tion ase of om the ation, is ohase of) a resses ist and sted ect enhance sement y the oil

spill.

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Proj.No.	ProjectTitle	Proposer	Agency	Cont'd	Expected	Request	mended	Rec.	Rec.	Rec.
97256A	Sockeye Salmon Stocking at Columbia Lake	K. Murphy/USFS	USFS	Cont'd 2nd yr. 7 yr. proj	ect	\$34.4	\$0.0			\$0.0
This project users of no salmon in predominat become ac Columbia of phases to the project ability of C population project wo salmon. If stocking p establish a	Abstract ct is designed to benefit subsistence orthern PWS by stocking sockeye Columbia Lake. The lake is a intly clearwater lake that has recently ccessible to anadromous fish as Glacier has retreated. There are two this project. The feasibility phase of t (FY 96) and FY 97) will determine the columbia Lake to support a resident of sockeye salmon. Phase 2 of the uld be to stock the lake with sockeye the project is found to be feasible, f the lake could begin in 1999. The rogram would take five years to a self-sustaining run.	<u>Chief Scientist's E</u> This project is relatively potentially substantial ou identified. If habitat is su the lakes anyway. Defer report from 96256A.	Praft Recom Inexpensive It-year costs itable, socke until review	mendation , although s are not eye will col of the feas	onize s sibility a f	<u>Executiv</u> Defer decision In FY 96 (the salmon populare identified 1996. If feas salmon as a ishing resouncesidents of	ve Director's l on on funding e ability of the ulation) is eva d. Feasibility ible, this proje replacement urces injured l Tatitlek and \	<u>Draft Reco</u> until feasil lake to su luated and report expe ect could p for subsist by the oil, p /aldez.	mmenda oility wor pport a s out-yea ected No rovide so ence an particular	tion k funded ockeye r costs vember ockeye d sport ly for the
97256B	Sockeye Salmon Stocking at Solf Lake	K. Murphy/USFS	USFS	Cont'd 2nd yr. 7 yr. proj	ect	\$16.8	\$0.0			\$0.0
This project users of P Chenega F in 1978, 19 Solf Lake f suggest the adequate a salmon po project. The the ability of sockeye sa with socket anadromo found to be begin in 19	Abstract ct is designed to benefit subsistence WS and especially residents of Bay. Habitat improvements were made 980 and 1981 to provide access to for anadromous fish. Investigations at the lake is fishless and has zooplankton biomass to support a pulation. There are two phases to this he feasibility phase (FY 96) will verify of Solf Lake to support a population of almon. Phase 2 would stock the lake eye salmon and ensure adequate us access to the lake. If the project is e feasible, stocking of the lake could 998.	<u>Chief Scientist's D</u> Defer until review of the	<u>Praft Recom</u> feasibility re	mendation	96256B. [i i i i i i i i i i i i i i i i i i i	Executii Defer decision n FY 96 (the salmon popul mprovement have access costs are ide November 1 sockeye salu sport fishing particularly f	ve Director's on on funding a ability of the ulation and wh its might be n to the lake) if entified. Feas 996. If feasit mon as a repl resources inj for the resider	Draft Reco until feasi lake to su hat type of ecessary to s evaluate ibility repo le, this pro acement fo ured by the s of Chen	mmenda bility wor pport a s habitat c ensure d and ou rt expect ject coul or subsis e oil spili ega Bay	ition k funded ockey salmon it-year ed d provide tence and

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Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	FY97 Recom- mended	FY98 Rec.	FY99 Rec.	Total FY97-02 Rec.
97261	Port Graham Landowners Resource Ethic and Stewardship Subsistence Enhancement	W. Meganack, Jr./Port Graham Village Council	ADFG	New 1st yr. 3 yr. proj	ect	\$443.6	\$0.0	\$0.0	\$0 .0) \$0.0
The Port G leader to d resource s private lan council lan Native Ass Corporatio Graham vi to protect a resources resources	Abstract Graham Village Council will serve as a levelop a cooperative land ethic and stewardship plan for the 36 parcels of d (native allotments) and village ads that total 5,300 acres Seldovia sociation, State, and Port Graham in lands and the land within the port illage itself. This plan will be designed and enhance the subsistence that will substitute for the subsistence lost and damaged due t the <i>Exxon</i> spill.	Chief Scientist's Dr This proposal puts forth a the potential to make a po subsistence resources. H vague with few concrete and an inadequate prese addition, the proposal has link to restoration program adequate justification for fund.	raft Recom in importan ositive cont lowever, th or measura ntation of n s not made n objective proposed o	mendation t idea that ribution to e proposal ble objecti nethods. In an adequa s, and lack costs. Do r	has C h is ves ate s not	<u>Executi</u> oo not fund. igh cost is i	ve Director's The link to r not justified.	Draft Reco	mmenda s weak a	<u>tion</u> Ind the
97262	Shoreline Inventory, and Protection and Enhancement of Shorelines on PGC Lands	W. Meganack, Jr./Port Graham Corporation	ADFG	New 1st yr. 3 yr. proj	ect	\$595.7	\$0.0	\$0.0	\$0.0) \$0.0
This project shorelines (210 miles) Peninsula Kachemak damaged s enhancem populations determine special lan enhancem resources area would which total important s	<u>Abstract</u> ct would inventory and assess all on Port Graham Corporation lands) on the coastline from the Ailalik to the Port Graham drainage in a Bay. The project would assess shoreline habitat, study methods of tent and recovery of damaged s, determine protection needs, productivity and value, and prepare and use plans for protection and tent and increasing subsistence for Port Graham residents. The study d be on Port Graham Corporation lands I 112,000 acres, all of which have shorelines.	<u>Chief Scientist's Dr</u> This project proposes to biological resources and Port Graham area. While that will support the efficie resources, the proposal is determine if objectives ca proposal is vague, particu of existing data and how enhancement recommen High costs are poorly just	raft Recom inventory classify sho this is an e ent and inte acks suffici in be achie larly with r protection a dations will tified. Do n	mendation and assess prelines in excellent id elligent use ent detail to ved. The eference to and be develo ot fund.	s D the h ea of o o use ped.	<u>Executi</u>)o not fund. igh cost is i	ve Director's The link to r not justified.	Draft Reco restoration	<u>mmenda</u> s woak a	t <u>ion</u> ınd thø

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Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	Expected	Request	Recom- mended	FY98 Rec.	FY99 Rec.	FY97-02 Rec.
97263	Assessment, Protection and Enhancement of Salmon Streams on Port Graham Corporation Lands	W. Meganack, Jr./Port Graham Corporation	ADFG	New 1st yr. 3 yr. proj	ect	\$1,404.6	\$0.0	\$0.0	\$0.0) \$0.0
Port Grahar inventory ar 25-30 salmo land. Prote be proposed I, II, and III populations residents ar conduct the	Abstract m Corporation will conduct an ad assessment of the approximately on streams on their 112,000 acres of ction and enhancement projects will d. Streams will be classified as Class and fish populations and potential will be inventoried. Port Graham and corporate shareholders will survey.	Chief Scientist's D While this project might of and intelligent use of res sufficient detail to determ achieved. The proposal if reference to use of exist and how protection and of recommendations will be indication that proposers qualification to do the wo poorly justified. Do not f	praft Recomi contribute to ources, the hine if object is vague, pa ing data, su enhanceme developed have the ex ork, and high und.	mendation the efficie proposal la tives can b rticularly w rvey metho nt . There is r xperience o n costs are	int E acks h vith v ods, i no p or s	Executi Do not fund. high cost is protecting all value for residentified which have value for protection of protection of protection of protection of protection of protection of light	ve Director's The link to r not justified. nd enhancing storation. The pich of the Poi for restoration f those lands. ams of high v elcome in FY habitat protect	Draft Reco estoration However, t salmon stree Restoration the Graham and are no A propose alue for res 98 dependi tion negoti	mmenda is weak a he conce reams ma on Office Corporati egotiating al that tar storation ing on the ations.	tion and the ept of ay have has ion lanc g for the gets purposes e
97264	Inventory, Assessment, Protection & Enhancement of Wetlands & Riparian Areas on PGC Lands	W. Meganack, Jr./Port Graham Corporation	ADFG	New 1st yr. 3 yr. proj	ect	\$417.8	\$0.0	\$0.0	\$0.C) \$0.0
This project Graham Co Peninsula to Kachemak I and study n recovery of area will be which total important w	Abstract would inventory all wetlands on Port rporation lands on the Ailalik of the Port Graham drainage in Bay, assess wetland riparian habitat, nethods of enhancement and wetland riparian areas. The study on Port Graham Corporation lands 112,000 acres, all of which have retlands and lakes.	Chief Scientist's D While this proposal migh and intelligent use of res sufficient detail to determ achieved. The proposal reference to use of exist and how protection and recommendations will be indication that proposers qualification to do the wo poorly justified. Do not f	Draft Recom t contribute ources, the nine if object is vague, pa ling data, sup enhanceme developed have the ex ork, and high und.	mendation to the effic proposal la tives can b irticularly w rvey metho nt . There is r xperience o n costs are	cient [acks h ee vith ods, no or	Executi Do not fund. igh cost is	ve Director's The link to r not justified.	Draft Reco estoration	mmenda is weak a	tion and the

Proi.No.	Proiect⊺itle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	FY97 Recom- mended	FY98 Rec.	FY99 Rec.	Total FY97-02 Rec.
97265 S P U V M	Subsistence Enhancement on Port Graham Corporation Uplands: Planting of Willows for Noose Browse	W. Meganack, Jr./Port Graham Corporation	ADFG	New 1st yr. 3 yr. proj	ect	\$334.0	\$0.0	\$0.0	\$0.0) \$0.0
This project wo Port Graham C Windy rivers to Kachemak Bay species will inc fall-winter and s Plantings will be system, which the enhancement of moose population allow Port Graf resource for the subsistence rest Valdez oil spill.	Abstract ould inventory all moose habitat on corporation lands in the Rocky and the Port Graham drainage in y. The planting of specific willow crease the moose browse on the spring range of the moose. e along the existing logging road totals over 100 miles. The of moose habitat will increase the ion for subsistence users, and will ham residents to substitute this e lost and damaged marine sources caused by the <i>Exxon</i>	Chief Scientist's I No cogent argument is p will actually increase sub potential ecological impl program not considered proposal makes it impos The link to restoration of high cost of the program fund.	Draft Recom presented th posistence re- ications of th . The lack of sible to judg pjectives is p is poorly ju	mendation at the proje sources, a le planting detail in the feasibilit poor, and the stified. Do	ect I nd the I ne f y. I he I not i	Execution Do not fund. high cost is a subsistence he spill is an projects see project in rep as important s to supply a for subsister objective of available for salmon runs	ve Director's The link to r not justified. resources los n important or m to be more placing subsis for Port Graf a safe, easily nce use near 97225 is to en subsistence are rejuvena	Draft Recon estoration i The objecti st or diminis ne. Howev effective the stence reso nam. The c accessible Port Graha nsure that p use until contect.	mmenda s weak a ve of rep shed bec er, two c han the p burces id bobjective source of m and th bink salm bho and s	tion and the placing cause of continuir proposed entified of 97131 of clams ne non is sockeye
97267 P fc	Port Graham Floating Skiff Dock or Subsistence Harvesters	W. Meganack, Jr./Port Graham Village Council	ADFG	New 1st yr. 1 yr. proj	ect	\$62.5	\$0.0	\$0.0	\$0.0) \$0.0
This project wo skiff dock for us Graham to stor activities. At pr land, often far f difficult for resid harvesting wea subsistence us <i>Exxon Valdez</i> of water, where th subsistence us harvesting opp mitigate the loc subsistence res	<u>Abstract</u> ould provide funding for a floating se by the residents of Port re skiffs used for subsistence resent, skiffs must be stored on from the water. This makes it dents to take advantage of good ather. This further limits se, which was injured by the oil spill. Storing skiffs on the ney are ready for use, would allow sers to make better use of ortunities. This would partially cal impacts of the spill on sources and uses.	<u>Chief Scientist's I</u> This proposal would allo skiffs, allowing access to resources further from th This is consistent with re proposers appear to be the project. It also appea Fund.	Draft Recom w more effic o replaceme ne village of estoration ob well qualifie ars to be cos	mendation ient use o nt subsiste Port Graha jectives, a to comple t-effective	f l ence j am. d ete j	Executi Defer decision permissibility Graham Bay skiffs, thereby replacement village and r subsistence	ve Director's on on funding y is reviewed. / is intended to y improving it subsistence educing the h resources ne	Draft Reco until this p Providing o allow mo residents' a resources harvest pres ear the villa	mmenda roject's l a skiff d re efficie ccess to farther fr ssure on ge, such	tion egal ock in F nt use of om the injured as clams.

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i L	L 		Lead	New or	FY97	FY97	FY97 Becom-	FY98	FY99	Total
Proj.No.	ProjectTitle	Proposer	Agency	Cont'd	Expected	Request	mended	Rec.	Rec.	Rec.
97,268	Funding for Educational Harvest Trips: Port Graham	W. Meganack, Jr./Port Graham Village Council	ADFG	New 1st yr. 3 yr. proj	ject	\$22.0	\$0.0	\$0.0	\$0.0) \$0.0
Since the resources users hav harvest su are exper been limit productive a chance was the c would pro would red possible c inclusion	Abstract oil spill, there is a scarcity of some key a close to Port Graham. Subsistence been forced to travel further to ufficient resources. Because such trips have, participation in these trips has ed to the most experienced and a harvesters. Youths have had less of to participate and gain experience than ase before the oil spill. This project wide funding for additional trips, which luce the pressure to harvest as much as on each trip and provide for the of youths on harvesting trips.	Chief Scientist's D This has merit, but the te sufficient detail to evaluat expenses seem unneces contributions appear wan proposal is resubmitted.	raft Recom echnical apple. Some b sary, and n ranted. Def	mendation proach lac udgeted nore in-kin er until rev	ks [f d i rised a	Executi Defer decision permissibility ncrease acco alternate sul resources in	ve Director's on on funding y is reviewed. cess by reside bsistence res jured by the o	Draft Record until this p The proje ents of Port ources as a bil spill.	mmenda roject's l ct is inte Graham a replace	tion egal nded to n to ment for
97271	Status of Subsistence Marine Mammals in the Lower Cook Inlet/Kachemak Bay Region	F. Elvsaas/Seldovia Village Tribe	ADFG	New 1st yr. 3 yr. proj	ject	\$116.0	\$0.0	\$0.0	\$0.0) \$0.0
This proje the Lower Alaska - s and harbo studies co spill attem impact, th conducted proposal, with Nanv conduct a marine m	Abstract ect is directed toward marine mammals Cook Inlet/Kachemak Bay region of specifically sea otter, Steller sea lions or seals. While there have been several onducted since the <i>Exxon Valdez</i> oil opting to document its environmental ere have been few reliable studies d in the Seldovia area. Under this Seldovia Village Tribe, in association valek and Port Graham communities, w a comprehensive population study of ammals in their region with the view to g the resource on a sustainable basis.	Chief Scientist's D This proposal has the por community-based progra has been used successfu US and Canada to develor management programs b scientists and local comm support is provided, howe that sea otter populations region, which makes the ill restoration objectives que approach for the surveys Trustee Council is alread harvest monitoring, bio-s involvement with 96052.	raft Recom tential to de m, and follo ully in many op natural r by cooperat nunities. Ina ever, for the sare declini project's re estionable. is not well y funding h ampling, ar Do not fun	mendation evelop a go bws a mod regions o esource ion betwee adequate hypothes ing in the lationship The techn developed arbor seal ad commund.	pod I lel that s f the a en sis to ical I. The nity	Executi Do not fund. significant te and method	ve Director's The Chief S echnical conce ology of this p	<u>Draft Reco</u> Scientist ha erns about project.	mmenda s raised the objec	tion ctives

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	1		Lead	New or	FY97	FY97	FY97 Becom-	FY98	FY 99	Total
Proj.No.	ProjectTitle	Proposer	Agency	Cont'd	Expected	Request	mended	Rec.	Rec.	Rec.
97272-CLO	Chenega Chinook Release Program	J. Milton/Prince William Sound Aquaculture Corporation	ADFG	Cont'd 4th yr. 5 yr. proj	\$51.1 ect	\$45.0	\$45.0	\$0.0	\$0.0	\$45.0
Chinook sa Wally Noer Crab Bay, a Chenega. release will associated releases ha of this mult returning in projected a 1998 and t	<u>Abstract</u> almon incubated and reared at the renberg Hatchery will be released in adjacent to the Native community of Adult salmon returning to the site of provide replacement resources and services injured by the oil spill. Two ave taken place (1994, 1995) as part i-year project. Adult salmon will begin 1996 and 1997, with larger numbers at nearly 1,000 adult fish returning in hereafter.	<u>Chief Scientist's Dra</u> This is a continuing project approach. The annual report program is likely to product through 2002 as replacem resources for the village of	aft Recom t with a so ort looked e 1-2,000 ent subsis Chenega	mendation und techni good, and adult fish stence a. Fund.	ical F the F f	<u>Executi</u> Fund final ye Project is de or subsister	ve <u>Director's</u> ear of Trustee esigned to pro nce salmon ir	Draft Reco e Council co ovide replac njured by th	mmendai ontributio ement re e oil spill	ion n. sources
97276	Access Road to Donor Bay as Replacement for Chignik Lagoon Subsistence Clam Harvest	J. Lind/Chignik Lake Village Council	ADFG	New			\$0.0			\$0.0
This projec Chignik vill use. Subsi Lagoon are recent incic proposal ca the Chignik estimate ha	Abstract et would construct a road from the ages to Donor Bay for subsistence istence clamming in the Chignik ea is no longer possible because of dents of shellfish poisoning. This ame in the form of a resolution from a Lake Village Council. A cost as not been provided.	<u>Chief Scientist's Dra</u> This proposal would upgra to subsistence resources (which is on the Alaska Per had previously had dug cla but the clams there have r residents believe that there spill. If it is appropriate to to subsistence resources, support this proposal. How to be a more detailed prop fund.	aft Recom ide a roug clams) at ninsula. T ams at Ch nade peop e is a linka provide in it may be wever, the osal and l	mendation h access to Donor Bay he residen ignik Lagoo ble sick, an age to the c creased ac appropriate re would n budget. Do	rack [/, 1 ts in on, 0 id the a bil a ccess r e to reed not	Executi Do not fund. I5-mile road I5-mile ro	ve Director's This propose in place of a proposal is to e easier acce y. However, ide that calls of injured reso	Draft Reco sal is for con an existing r o provide re ess to subsi the propos into questio ources.	mmenda nstructior ough trac sidents of stence re al is of a on its link	tion of a ck. The of sources scale to
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Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	FY97 Recom- mended	FY98 Rec.	FY99 Rec.	Total FY97-02 Rec.
97281	Habitat Improvement Through Redesigned Forest Workshops	R. Ott/Native Village of Eyak Tribal Council	USFS	New 1st yr. 1 yr. proj	ect	\$115.8	\$50.0	\$0.0	\$0.0) \$50.0
This project providing A with tools for appropriate lands. The series of face all possible of logging of the tradition resources a prioritized a priority for r for the land provide a m provide hat acquisition.	Abstract will promote habitat improvement by laska Natives and community leaders or self determination of culturally economic development of forested se tools will be provided through a cilitated workshops that will reexamine land use options in light of the effects on the ecosystem. Cultural needs of nal and customary users of the natural associated with those lands will be at the same time as recognizing the maintaining a strong economic base owners. These land use options will nuch more cost effective way to oitat improvement than outright	<u>Chief Scientist's Dr</u> While reforestation and su have a link to habitat proto objective, this proposal gi for technical evaluation questions about whether should get involved in this successful, any work alo proposed would need ful of the Eyak Village Corpo Native Corporation, which owners/managers. Based proposal as presented, the recommend funding.	aft Recomustained us ection as a ves little de There also the Trustee s type of effing the lines I support a ration and a are the la d on the m e reviewer	mendation ses of fores restoration atail as a ba are policy council fort. To be s of what is nd participa the Chuga nd nerits of the s cannot	sts C n j asis / F c s b ation t ch c s s c h c c f c f c f c f c f c c f c c f c c s s f c c f c c s s f c c c s s f c c c s s f c c c c	Executil Contribute p point sponsor Alaska Corp other village Project Desc consists of a py two work ogether peo except Kodia developmen spill area. T protection of njured by th Council's lar	ve Director's I artial funding rship by key s oration, the vi councils) and cription and re a 3-day confer shops. These ople from all v ak, to develop t of private lat he results of t habitat for re e spill and co ad acquisition	<u>Draft Reco</u> to this proj takeholder illage corpo approval vised budg rence in Cc sessions illages in th a vision for nd and con the worksh esources a mplement efforts.	mmenda ect conti 's (e.g., (orations, of a more get. The ordova, fr would br ne spill a or the fut nmunities ind servia the Trus	tion ngent on Chugach and Detailed project ollowed ring rea, ure s in the increase ces tee
97282 This project monitoring William Sou recovering the sea otte experience hunters bel resource av population accomplish hunters are to monitor h	Sea Otter Population Monitoring <u>Abstract</u> t would involve Alaska Natives in the sea otter population in Prince and. While sea otters appear to be region-wide, during the past two years er population in the Cordova area has d reduced population viability. Native ieve the problem is due to reduced vailability. Local monitoring of distribution and abundance would be ed through boat surveys. In addition, e organizing a local permitting system harvests.	Native Village of Eyak <u>Chief Scientist's Dr</u> This proposal is an attem sea otter population mana city of Cordova. The prob unrelated to the EVOS re outside the oiled area (but the technical design of the fund.	DOI aft Recom pt to deal v agement pr lem is real storation p t directly of a surveys i	New 1st yr. 5 yr. proj mendation vith an app roblem nea , however, rogram. It iled). Furt s weak. D	ect arent [ir the s it is i her, r o not a l	\$287.5 Executi Do not fund. study is outs addition, its nability of pi number of st and the rese under Project ocal sea ott ongoing sea	\$0.0 we Director's I The sea otte side of the are decline appea rey population ea otters. Ho earchers cond ct /025 should er hunters in to otter monitor	\$0.0 <u>Draft Reco</u> population to population to that was ars to be rencessed to sustain wever, the ucting sean explore we the Trustee ing/researce	\$0.0 mmenda on proposi directly lated to f in such a project p otter sur ays of in e Counci ch efforts) \$0.0 <u>tion</u> sed for oiled the large proposer rveys volving l's s

Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	FY97 Recom- mended	FY98 Rec.	FY99 Rec.	Total FY97-02 Rec.
97286	Elders/Youth Conference on I Subsistence and the Oil Spill	B. Henrichs/Native Village of Eyak	DOI	New 1st yr. 1 yr. proj	ect	\$131.7	\$0.0	\$0.0	\$0.0) \$0.0
Building or Community Oil Spill, th elders and communitie the first co conference linked to a Celebratio the Native the Elder's	<u>Abstract</u> n the recommendations from the y Conference on Subsistence and the his project proposes to bring together youth from all of the oil spill-affected es to focus on the positive outcomes of inference's action items. This e will be held in Cordova and will be healing conference (Sobriety Day n and Memorial Potlatch) sponsored by Village of Eyak that will directly follow is Conference.	Chief Scientist's Dra The Trustee Council has s conferences on subsistence continuing to implement co through 052 and other pro this new project would acc that is not already within th other projects. Do not fun	aft Recomi sponsored ce and the ommunity jects. It is complish m ne scope c d.	mendation previous oil spill, a interaction not clear nuch subst f 052 and	Ind is F s I that c antial T t i	Execution Do not fund Proposal wo December 1 on Subsister Frustee Court conference a he strategie mplemented	ve Director's I this year; rec uld fund a co 996, similar to nce and the C ncil in Octobe an additional s adopted at d.	Draft Reco onsider for nference, t o the Comr oil Spill spo er 1995. P year will all the 1995 c	mmendat funding i o be held nunity Co nsored by ostponing ow more onferenc	tion n FY 98. I in onference y the g the time fu e to be
97295	Dissemination of Traditional Knowledge	D. Mortenson/ADNR	ADNR	New 1st yr. 1 yr. proj	ect	\$172.5	\$0.0	\$0.0	\$0.0) \$0.0
This project Involvement training, so communities traditional information tools useful exchange the scientific Council.	Abstract ct would work with the Community nt Project (/052) to provide technical oftware, and information to enable local es to collect and present local and ecological knowledge in a geographic n system. The project would provide al for increased communication and of information between local residents, fic community, and the Trustee	<u>Chief Scientist's Dra</u> This is a very creative idea within the reach of local re unproven, however, and it that seems unrealistic and proposal were submitted of may be appropriate to con However, as written, I can	aft Recom a to put GI sidents. T is propose unwarran on a limited sider a rev not recom	mendation S informat his proposed on a sc ted. If this l pilot basi vised proposed mend funct	ion I sal is c ale r s s, it I osal. F ling. (0 f f f f f f f f f f f f f f f f f f	Executi Do not fund computer ne esidents of scientists, an under Project Funding of a until the com in particular Commission Area Native come forwar hetwork, trai provide for m of the netwo would collect as part of a developed of	ve Director's as a separate twork to facili communities ad the Trustee to 97052/Com computer ne munities and computer ne munities and computer ne munities and computer ne munities and computer ne dwith a colla n communities naintenance a rk. Compone t traditional kit consolidated ver the next s	Draft Reco e project. If tate comm impacted b e Council is munity Inv twork shou their regio egional Reservation and Kodial borative pl s to use th and other o ent of Proje nowledge v TEK projects everal wea	mmendal Establishr unication by the oil s also pro olvement ild be definal organ sources indation, c Island B an to esta e networ perationa ct 97295 vill be coi ct (97352 eks.	tion ment of a among spill, posed t. ferred nization Kodiak lorough) ablish a k, and al costs that nsidered) to be

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Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	FY97 Recom- mended	FY98 Rec.	FY99 Rec.	Total FY97-02 Rec.
97352	Traditional Ecological Knowledge: A Consolidated Approach			New			\$75.0			\$75.0
: ;	<u>Abstract</u>	<u>Chief Scientist's D</u>	raft Recom	mendation	C in a v v c F F	Execution Diver the netwolving Transport gency reprivill be invited evelop a control of the two the tw	ve Director's xt several we aditional Eco esentatives a d to work wit onsolidated T	Draft Reco eeks, proposion logical Know and other in h Trustee C EK proposion	mmenda sers of p wledge, a terested Council si al for fun	ition rojects as well as parties, taff to ding in
Reduction o	f Marine Pollution					\$3,233.1	\$1,435.4	\$75.0	\$0.0	0 \$1,510.4
97115 ¢	Implementation of the Sound Waste Management Plan: Environmental Operations and Used Oil Management System	P. Roetman/Prince William Sound Economic Development Council	ADEC	New 3rd yr. 4 yr. proj	ect	\$1,167.9	\$1,167.9	\$75.0	\$0.(0 \$1,242.9
This project is generated five Prince Sound Wa to address pollution. funding ne	<u>Abstract</u> ct will help prevent marine pollution that ed from land-based sources within the William Sound communities. The ste Management Plan was developed community-based sources of marine This project will provide a portion of the eded to implement two of the five	Chief Scientist's D This is a logical and effect the planning work on mar wastes that affect the ma species. The communitie outstanding job, and they significant in-kind resource justification of costs and r	raft Recom tive proposi- nagement of rine ecosystes involved propose to ces to this propose to ces to this propose to	mendation sal to imple of chronic stem and in have done o contribute project. Fu fics that lin!	ment F njured S an r a h rther v k V	Executi Fund contin Project will of Sound by projects and by projects and by projects and by project with the second by the seco	ve Director's gent on furth lecrease poll roviding a she o safely colle nazardous wa aldez, Cordo nvironmental	Draft Reco er budget re ution enteri eltered space of and store astes and re va, Tatitlek, Operations	mmenda eview. T ng Prince ce and evie used oi ecyclable Cheneg Stations	ition his e William quipment l, solid ja and s ("EVOS"

personnel to identified objectives before funding should be approved. Fund after further review of budget.

stations) will be modular structures erected in convenient locations in each community to $encoura_{\underline{s}}^{\underline{t}}$ residents and visitors to properly dispose of wastes. By reducing chronic pollution, this project will reduce stress on recovering resources and services.

recommendations contained in the plan: 1)

construction of Environmental Operation Stations

to improve the overall management of solid and

oily wastes; and 2) creation of a comprehensive

used oil management system in each community.

The communities will provide substantial funding

to help implement the recommendations.

Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	FY97 Recom- mended	FY98 Rec.	FY99 Rec.	Total FY97-02 Rec.
97229	City of Cordova - Solid Waste Disposal Site	S. Janke/City of Cordova	ADEC	New 1st yr. 1 yr. proj	ect	\$918.3	\$0.0	\$0.0	\$0.C) \$0.0
This project city of Coro Sound. The by Cordova manageme completed determine municipal se long term. Manageme with reside determine cost-effection disposal op 17 Mile of the proposed potention	<u>Abstract</u> et will prevent wastes generated in the dova from entering Prince William is project will provide funding needed a to realize one of its primary waste ent goals (as articulated in the recently Sound Waste Management Plan): how and where the community's solid waste will be disposed of over the Based on the Sound Waste ent Plan's findings, and in consultation nt experts, Cordova leaders d that the community's most ive and responsible solid waste botion is to develop a new landfill site at the Copper River Highway. The project covers capital costs for the first t public works venture.	<u>Chief Scientist's D</u> No scientific review cond	Praft Recom	mendation		Executi Defer decision option to con Environmen are the only cost \$267.5	ve Director's on on funding hsider is fund tal Impact Sta tasks schedu	Draft Reco y until after ing for feas atement and iled for FY	mmenda legal revi ibility stu d design, 97 (estim	tion iew. An dies, an which nated
97260	Reduction and Cleanup of Marine Pollution in Port Graham	W. Meganack, Jr./Port Graham Village Council	ADFG	New 1st yr. 3 yr. proj	ect	\$616.5	\$0.0	\$0.0	\$0.0) \$0.0
Under this Council wil the existing ecosystem include out frucks, con associated residents w material wi Borough A	<u>Abstract</u> project, the Port Graham Village I supervise the complete cleanup of and potential pollution of the marine of Port Graham. This cleanup will tof-use boats and vessels, cars, struction equipment and the waste material. Port Graham Village vill be the main work force. All of the Il be transported to Kenai Peninsula pproved Sanitation Sites.	<u>Chief Scientist's E</u> Although the concept ha is not strongly linked to r resources. The dimensi means of proceeding to justifications of cost are fund.	Praft Recom s some mer narine pollu ons of the p rectify the p not well pres	mendation it, the prop tion and inj roblem, the roblem, an sented. Do	jured H e r id H o not ()	<u>Executi</u> Do not fund. high cost is reduction of nave value f Cook Inlet (I Nanwalek) v vaste mana considered i	ve Director's The link to not justified. marine pollut for restoration Homer, Seldo vere intereste gement plan, in FY 98.	Draft Reco restoration i However, t tion in lower n. If the cor ovia, Port G ed in develo a proposal	mmenda is weak a he long-t r Cook In nmunitie: raham ar ping a re should b	tion and the erm ilet may s of lower nd agional be

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Proi.No.	ProiectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	Recom- mended ⁻	FY98 Rec.	FY99 Rec.	FY97-02 Rec.
97283	Native Village of Eyak: Cordova Beach Cleanup and Restoration	B. Henrichs/Native Village of Eyak	ADEC	New 1st yr. 6 yr. proj	ect	\$193.7	\$0.0	\$0.0	\$0.0	\$0.0
This project gathering of cleanup. debris duri part is esta that nets a brought to for transpo	<u>Abstract</u> ct has two parts. One part is the of fishing nets through a beach The beach cleanup will gather the ing a one-month period. The second ablishment of a year-round center so and other recyclable items can be the center to be sorted and prepared ort to an urban recycling plant.	<u>Chief Scientist's Dra</u> This project would clean u and operate a recycling fa proposers have not demot the problem, and, therefor marine resources are unco recycling component of th to fall within the restoration	aft Recom p beaches cility in Co nstrated th e, the ben ertain. Fu e project o n program	mendation and const rdova. Th e magnitue efits to inju rther, the loes not se . Do not fu	truct I e p de of c ired g r eem c ind. t	Executi Do not fund. problem, end other marine greatest dar eaches sho cleanup and he survival	ve Director's The proposa tanglement of debris. How ager in marine ore. Consequ recycling wo rate or condit	Draft Reco al identifies f wildlife in vever, this o e waters an ently, the p ould not sign ion of injure	mmenda a potenti fishing ne debris po d not ond roposed hificantly ed resour	tion al ets and ses the ce it beach improv rces.
97304	Kodiak Island Borough Master Waste Management Plan	J. Selby/Kodiak Island Boroug	h ADEC	New 1st yr. 1 yr. proj	ect	\$336.7	\$267.5	\$0.0	\$0.0	\$267.5
This project manageme remove ch solid waste resources <i>Valdez</i> oil remote coa have adeq and facilitie towards ac through a villages wo Native Ass Borough to for cost-eff pollution.	Abstract ct would develop an island-wide waste ent plan for Kodiak Island in order to pronic sources of marine pollution and e that may be affecting recovery of and services injured by the <i>Exxon</i> spill. The plan would focus on the six astal villages which currently do not quate waste management practices es. The master plan would be oriented chieving practical, measurable results project approach that involves the orking together with the Kodiak Area sociation and the Kodiak Island o identify and implement opportunities fectively reducing sources of marine	Chief Scientist's Dr. There is need to reduce s pollution in the Kodiak are communities in Prince Wil types of waste that end up environment and which co injured species are approp action. In that regard, soli are probably not appropria consideration. In addition The personnel time and tr Fund, but at a significantly	aft Recom ources of o a, as was liam Soun o in the ma onceivably oriate for T d waste an ate for furth , the budge avel shoul reduced l	mendation chronic ma done for d. Only the runce could affec rustee Cou nd scrap m ner et seems h d be reduc budget.	rine F pse t ct c uncil s netal f t nigh. i red. a	Executi Fund conting Project Desc he Chief Sc educe chro communities stress on re- ocus of the he island.	ve Director's gent on appro cription and re- cientist's cond nic pollution i s on Kodiak Is covering resc project will be fhe waste str nal plan are u nities, house sewage.	Draft Reco oval of a rev evised budgerns. This n marine er sland and the purces and e the six ren reams that v sed oil gen hold hazard	mmenda vised Det get that a project w hvironme hereby re services. mote villa will be ad erated by lous wast	tion ailed ddress /ould nt near duce The ges on dressed / vess te, solia

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Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	FY97 Recom- mended	FY98 Rec.	FY99 Rec.	Total FY97-02 Rec.
Habitat Imp	provement				\$879.6	\$892.4	\$662.6	\$759.6	\$0.0	\$1,422.2
97126	Habitat Protection and Acquisition Support	C. Fries/ADNR, D. Gibbons/USFS	ADNR	Cont'd 4th yr.						
This proje Trustee C habitat pro includes t appraisals reviews, a successfu negotiatio	Abstract ect provides negotiation support to the council in order to reach closure on otection priorities. This support hose services such as title reports, s, on-site inspections, hazardous surveys, surveys, timber cruises and and other services necessary for the ul completion of habitat protection ons.	Chief Scientist's This working group is in data that enables comp different lands under po acquisition by the Truste essential to the Truste acquisition program. T additional review, and t Habitat Work Group, if Fund, after further revie	Draft Recom- ntended to pro- parison of responsible consi- tee Council. A Council's sr the budget sh the on-going any, needs co the on-going	imendation rovide base cource valu deration fo This support mall parcel nould receive role of the clarification	<u>1</u> eline S ies on d r ort is ve	Executi Some fundir evelopmen	<u>ve Director's</u> ng will be ner it.	<u>s Draft Recc</u> eded. Budg	ommenda get still u	<u>ition</u> nder
97,180	Kenai Habitat Restoration & Recreation Enhancement Project	M. Rutherford/ADNR, M. Kuwada/ADFG	ADNR	Cont'd 2nd yr. 3 yr. pro	\$879.6	\$621.8	\$594.8	\$759.6	\$0.0	0\$1,354.4
Adverse i total appr mile shore miles of d Riparian I trampling developm important salmon au <i>Exxon Va</i> are to res wildlife ha and prese functions	<u>Abstract</u> mpacts to the banks of the Kenai River oximately 19 miles of the river's 166 eline. Included in this total are 5.4 river egraded shoreline on public land. nabitats have been impacted by , vegetation loss and structural nent. This riparian zone provides habitat for pink salmon, sockeye nd dolly varden, species injured by the <i>Idez</i> oil spill. The project's objectives tore injured fish habitat, protect fish and ubitat, enhance and direct recreation, erve the values and biophysical that the riparian habitat contributes to	Chief Scientist's This is a concrete, on-g restoration on degrade which are important for oil-spill area. The pers well-qualified to do the personnel costs seem sites to be addressed in of the agency represen project (i.e., the Interdis contributed by the agen management. Fund at \$550K).	Draft Recom going propos d portions of recreational onnel appea work, though high relative n this project tatives in pla sciplinary Te- ncies and are a reduced le	amendation al for habit the Kenai services in r to be professio to the num The serv nning for t am) should e normal ag	at F River, b n the A nal r iber of s rices r his d be gency ps	Executi fund contin- e prepared ssessment pecific proj estoration of almon and ecreational	ve Director's gent on appl following fir t (probably J ects to be fu of habitat for other fish sp importance.	s Draft Reco roval of redu nal adoption une 15), wh unded. This the benefit becies of co	ommenda uced bud of Enviro nich ident project w of socke mmercia	ation get, to onmental ifies rill aid ye I and

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the watershed.

P,roj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	FY97 Recom- mended	FY98 Rec.	FY99 Rec.	Total FY97-02 Rec.
97230 L	Valdez Duck Flats Restoration Project	J. Winchester/PWSEDC	ADNR	New 1st yr. 2 yr. proie	ect	\$270.6	\$67.8		\$0.C) \$67.8

Chief Scientist's Draft Recommendation

Abstract The Alaska Department of Natural Resources has identified the waters of Valdez Duck Flats and nearshore waters east to the mouth of the Lowe River as crucial estuarine habitat in the Prince William Sound Area Plan. Wildlife species injured by the Exxon Valdez oil spill are threatened by crowding, disturbance, plastics pollution, and active human disturbance. The area provides important habitat for water birds, anadromous fish, and other estuarine and intertidal species. This proposal would further identify injured resources, aid in the recovery of spill impacted populations, mitigate effects of visitor traffic, design a local volunteer monitoring program, and educate the public about the value of tidelands.

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The apparent goal is to prevent loss of habitat values on the Valdez Duck Flats, an area which has some link to injured resources, including pink and sockeye salmon. Several tracts on the Duck Flats are under consideration for possible small-parcel acquisitions by the Trustee Council. The proposal has a heavy up front emphasis on engineering and construction, and it is not evident that the proposers will first conduct a thorough assessment of wildlife habitat needs and alternative ways of addressing those needs in the face of increasing development and visitor pressures. To their credit, the proposers seem to have the interest and cooperation of a number of key agencies and constituencies. Based on the information provided here, I cannot recommend funding this proposal. However, pending resolution of possible habitat acquisitions on the Duck Flats, perhaps it will be appropriate to give this proposal further consideration in the future.

Executive Director's Draft Recommendation

Fund development of a concept plan for protection of habitat on the Valdez Duck Flats, contingent on approval of a revised Detailed Project Description and reduced budget and an expression of support from the City of Valdez. The concept plan should include an assessment of environmental conditions in the flats, wildlife habitat needs of injured resources, and alternative ways of addressing those needs in the face of increasing development and visitor pressures. The Valdez Duck Flats are a large and complex intertidal mudflat and salt marsh that offers valuable habitat to several injured resources and services. A locally developed plan for protecting habitat on the Duck Flats will increase the probability that future use of the flats will promote the recovery of injured resources and services.

Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	FY97 Recom- mended	FY98 Rec.	FY99 Rec.	Total FY97-02 Rec.
Ecosystem S	Synthesis	, ανταγματό, μ αι το Πόσος το πηματορηγού του − Σ τ _ο ματορηγού του − Σ				\$673.1	\$55.0	\$0.0	\$0.0) \$55.0
97,054-BAA	A Mass-balance Model of Trophic Fluxes in Prince William Sound	D. Pauly/University of British Columbia	NOAA	New 1st yr. 2 yr. proj	ect	\$148.0	\$0.0			\$0.0
This project disseminate among the as required information <i>Exxon Valo</i> the ecosyst an initial wo specificatio extended s disseminati workshop for implementi CD-ROM for interactive of local/traditio	Abstract t would construct, validate, and e a model of trophic interactions organisms of Prince William Sound, t to synthesize the vast amount of gathered before and after the 1989 dez spill, and to evaluate its impact at tem level. Project components are: 1 orkshop devoted to model in by PWS researchers, 2) an tudy by project staff, and 3) a ion phase consisting of a training or potential users of the software ing the model, and the production of a pr the public domain, incorporating an graphic version of the software and ar latabase on the biology and onal knowledge on the fishes of PWS.	Chief Scientist's Dr This is a two-year project ecosystem-level data beir projects and present it in a The is an excellent propos are among the best in the fisheries ecosystems base proposal deserves further Trustee Council develops modeling and synthesis n receive partial funding to e participation in and develop program.	aft Recom which wound g generate an underst sal and the world at ne considerate a overall a eeds. I re- enable corropment of	mendation ild integrate ed from EV andable fo a investigat nodeling rgetics. Th ition as the approach to commend to trinued a modeling	e E /OS e rmat. a ors b is is that it	Executi Do not fund cological n mount of ir e initiated	ve Director's as a separate nodels that int formation gat under Project	Draft Reco e project. If egrate the thered in E /300 in FY	mmonda Efforts to enormou VOS stud 97.	tion develop ls dies wil

	1						FY97			Total
Proi No	DrojectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	Recom- mended	FY98 Rec.	FY99 Rec.	FY97-02 Rec
97215-BAA	Modeling Trophic Webs to Achieve Synthesis in SEA, NVP, and APEX Ecosystems	S. Pimm/University of Tennessee	NOAA	New 1st yr. 2 yr. proje	ect	\$75.6	\$0.0			\$0.0
Abstract This project would formulate simple, large-scale trophic models of, and uniting, the communities of the APEX, SEA, and NVP projects. Using the data they gather and data from the literature, the project seeks a broad synthesis of the larger Prince William Sound and Gulf of Alaska ecosystems and the complex changes within them. It asks how do the changes in species' densities interact to produce the short- to long-term changes in species' densities that we observe? To what extent do different components resist changes elsewhere in the food web? How far and how quickly can we expect the effect of a change in one species' density to stretch through the food web?							i <u>tion</u> develop is dies will			
97234	Ecosystem Synthesis Model of EVOS Restoration Findings for Resource Management	A. Hooten/Environmental Services Corporation of the Americas	NOAA	New 1st yr. 1 yr. proje	ect	\$198.4	\$0.0	\$0 .0	\$0.(0 \$0.0
Previous res data on the a species and communities This project model (SYN ecosystem-le approach dis supported w various dam studies, com interpretation	Abstract eearch has generated considerable abundance and distribution of the productivity of ecological s throughout the spill-affected area. would integrate study results into a OPSYS) to provide an evel assessment capability. The scussed here builds on previously ork and synthesizes results from age assessment and restoration abined with expert analysis and n.	<u>Chief Scientist's Dr</u> This proposal unsuccessf request for a broad ecolog vague and expensive. Do	aft Recom fully respor gical synth o not fund.	mendation ids to the esis, as it is	s r	Executi Do not fund, ecommend	<u>ve Director's</u> , based on Ch ation.	<u>Draft Reco</u> lef Scientis	<u>mmenda</u> sťs	<u>ition</u>

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Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	FY97 Recom- mended	FY98 Rec.	FY99 Rec.	Total FY97-02 Rec.
97249	Ecosystem Synthesis and Modeling	I. Show/SRA, Inc.	NOAA	New 1st yr. 6 yr. proje	ect	\$251.1	\$0.0	\$0 .0	\$0.0) \$0.0
This proje traditional The mode logical se conceptua numerica The final physical-o driven by parallel cl addressin hydrocart be design descriptio developm	<u>Abstract</u> ect would bring field results and local, I knowledge together in a single model. eling effort would progress through a quence of steps, including verbal al modeling, static and dynamic I modeling, and stochastic modeling. model would be a coupled chemical-biological model; it would be the physical environment and have hemical and biological sub-models ng interactions between petroleum bons and the biota. The model would ned to serve as a platform for on, prediction, and hypothesis hent and testing.	Chief Scientist's E This proposal is not a sture request for a broad ecolor vague and expensive. To variety of experience, bur record of publication in to Do not fund.	Draft Recom rong respon ogical synth The propose It practically he peer-revi	mendation se to the esis, as it is r has a gre no credible ewed litera	D s re at e iture.	Executi to not fund, ecommend	ve Director's based on Ch ation.	<u>Draft Reco</u> hief Scientis	<u>mmenda</u> st's	<u>tion</u>
97300	Ecosystem Synthesis: Modeling and Communication Efforts			New			\$55.0			\$55.0
This project injury and habitats. completed initiate de integrate gathered modeling Scientist i represent experts.	<u>Abstract</u> ect would synthesize information on the d recovery status of injured species and The initial synthesis product should be d in FY 97. There also is need to evelopment of ecological models that the enormous amount of information in EVOS studies. The results of this effort would be managed by the Chief in cooperation with agency tatives, investigators, and outside	<u>Chief Scientist's E</u>	<u>Draft Recom</u>	<u>mendation</u>	S S	Executi ome level o till under de	ve Director's of funding wil evelopment.	<u>Draft Reco</u> I be recomr	<u>mmenda</u> nended.	tion Project

Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	FY97 Recom- mended	FY98 Rec.	FY99 Rec.	Total FY97-02 Rec.
Public Info	rmation and Education					\$2,737.6	\$100.0	\$0.0	\$0.0	\$100.0
97.183	Placement of "Darkened Waters: Profile of an Oil Spili" in a Permanent, Alaska Exhibition Site	M. O'Meara/Pratt Museum	ADFG	New 1st yr. 2 yr. proj	ject		\$0.0	\$0.0	\$0.0) \$0.0
This proje placemer Waters: F Alaskan e	<u>Abstract</u> ect would result in acquisition and nt of the traveling version of "Darkened Profile of an Oil Spill" in a permanent, exhibition site.	Chief Scientist's D "Darkened Waters" was a a permanent home. The on-going value by increas participation in the restor this proposal does not sh required in the way of a p feasibility of actually findi no cost estimate. Appare not in a position to serve Based on the information can be recommended.	raft Recom a fine exhibition exhibition sing aware ation proce ed much lip permanent ng such a l ently the Pr as home for provided h	mendation it that dese could have ness of and ss. Howey ght on wha home, nor nome. The att Museur or this exhil here, no fur	erves E d r ver, p t is c the ere is m is bit. nding	Executi Do not fund. excellent ex estoration is project is un over the cos	ve Director's Although "D hibit on the hi s weak. Furt known becau t of purchasin	Draft Reco Parkened W istory of the hermore, th use it relies ng the exhi	mmenda /aters" is e spill, its ie cost of on negot bit.	tion an link to this
97221-BAA	Developing a Trustee Council Information Infrastructure	L. Thomas/Mitretek Systems	ADNR	New 1st yr. 1 yr. proj	ject	\$214.0	\$0.0	\$0.0	\$0.0) \$0.0
Mitretek S Valdez O informatic serve the researche local citiz restoratio purpose help max Council's restoratio understa Alaska au	<u>Abstract</u> Systems proposes to assist the <i>Exxon</i> il Spill Trustee Council to develop an on framework and infrastructure that will a needs of the community of ers, resource managers, educators, and tens involved in and affected by the on effort resulting from the oil spill. The of this information infrastructure is to timize the benefit from the Trustee investment in research, monitoring, on, and public education directed at nding and restoring the northern Gulf of nd Prince William Sound region affected	<u>Chief Scientist's D</u> The management and ma in ways that are useful ar researchers and the publ This type of project would and the approach outline appropriate. The cost is and does not include on- proposers also do not de of existing data managen the Trustee Council. Do	raft Recom aintenance nd accessit ic is an imp d probably d in this pro very expen going costs monstrate nent efforts not fund.	mendation of EVOS of bortant prol be benefici posal see sive, howe s. The any aware supported	data C blem. ii ial ii ms ever, ness l by	<u>Executi</u> Do not fund. Council's Inf n FY 95 as n \100.	ve <u>Director's</u> This propos formation Ma part of 95089	Draft Reco sal duplicat nagement 5 and contir	mmenda es the Tri System th nues to be	<u>tion</u> ustee hat began e fund€

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by the oil spill.

Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	Recom- mended	FY98 Rec.	FY99 Rec.	FY97-02 Rec.
97232	Endowment of an Engineering Research Center at the University of Alaska Anchorage	G. Baker, H. Schroeder, C. Woodard/UAA	ADFG	New 1st yr. 1 yr. proje	ect	\$2,256.5	\$0.0	\$0.0	\$0.0	0.0
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Abstract

Proposed is a plan for the establishment of an endowed engineering research and community education center at the University of Alaska Anchorage. The program will be created within the Environmental Quality Engineering program of the School of Engineering. Establishing the center will achieve two goals. First, it will provide a mechanism for funding continuing recovery work and community education long after 2002 when funds are no longer received by Alaska. Such activities will help Alaska develop local expertise and permanent solutions for the protection and restoration of areas affected by the Exxon Valdez oil spill. Funding the center at UAA will also serve as a test program for endowed academic centers and chairs.

Chief Scientist's Draft Recommendation

This proposal is premature, as there are legal and policy questions about creation of endowments, and this proposal will do nothing to resolve them. In addition, the substance of the proposal is oriented toward engineering issues, such as oil spill response and prevention, not restoration of living resourcs and ecosystems. The proposed subject of the endowment would also seem to conflict with the mission of the Oil Spill Recovery Institute, which was established by Congress. Do not fund.

Executive Director's Draft Recommendation

Do not fund. Although the Engineering Research Center may benefit restoration, its primary purpose appears to be preparation for future spills and student education, uses which are not eligible for restoration funding. Previous proposals for endowments have been rejected.

j Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	FY97 Recom- mended	FY98 Rec.	FY99 Rec.	FY97-02 Rec.
97,275	Rural Development Applied Field-Based Research Program in Oil Spill Affected Areas	G. Pullar/UAF-College of Rural Alaska	ADFG	New 1st yr. 6 yr. proje	ect	\$161.4	\$0.0	\$0.0	\$0.0	\$0.0
1	Abstract	Chief Scientist's Dra	aft Recom	mendation		Executiv	ve Director's !	Draft Reco	mmenda	tion

Human resources will be strengthened through an interdisciplinary Bachelor's degree program in Rural Development and community restoration through applied research, distance education, and mentoring. Trustee Council priorities will be addressed integrating western science and Indigenous knowledge. Students will be provided with a broad understanding of rural development in a global economy and a mastery of specific tools for effective community leadership. Specialization in one of five areas is linked to jobs in communities. Coursework will be delivered through interactive video and other distance delivery techniques and intensive rural development seminars.

Chief Scientist's Draft Recommendation This proposal is an excellent idea, with a sound

technical approach. However, it is justified based on an implied lack of leadership in the community, which does not seem to be apparent. The proposal lacks sufficient relationship to restoration objectives. Do not fund.

Executive Director's Draft Recommendation

Do not fund. Although the proposed research program could prove to be an effective way to use traditional ecological knowledge in restoration, the proposal does not describe the research projects in which the students would be engaged so it is not possible to evaluate their value for restoration.
Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	Recom- mended	FY98 Rec.	FY99 Rec.	FY97-02 Rec.
97301	<u>The Alaska Laboratory Series</u> Television Pilot	G. Bolar/Alaska Public Telecommunications, Inc.	ADFG	New 1st yr. 3 yr. proj	ect	\$105.7	\$100.0	\$0.0	\$0.0	\$100.0
) Alaska Pu to create a	<u>Abstract</u> Iblic Telecommunications, Inc. propose a television program that will document	<u>Chief Scientist's E</u> S The proposed television awarness, both within a	Draft Recom program co	mendation ould increas	se F	<u>Executi</u> Fund an edu	ve Director's ucational telev	Draft Reco /ision progi	<u>mmendat</u> ram simila	<u>ion</u> ar to that I develop

to create a television program that will document ongoing restoration and rehabilitation efforts in Prince William Sound and other spill affected areas. This program will be a pilot to launch <u>The</u> <u>Alaska Laboratory</u>, a national science education series on science and research in Alaska. Many episodes, including the pilot, will center on marine research, rehabilitation, and restoration efforts in PWS, the Kenai Peninsula and the Gulf of Alaska. APTI, in cooperation with the Alaska SeaLife Center, will produce and distribute the series through national networks, cable, and on Alaska's PBS stations. The proposed television program could increase awarness, both within and beyond Alaska, about the restoration program. This particular proposal is not strong--it is more of an idea than a full proposal. I do not know what priority the Trustee Council wants to give to educational projects such as this television program, but the idea does have merit and may deserve going forward. If deemed appropriate by the Trustee Council, a more complete proposal should be invited. As written, however, I cannot recommend funding.

described in this proposal. This project would develop a one-hour television program about the restoration and recovery of the spill area, distribute copies of the program throughout Alaska, and distribute the program nationally. An in-depth television program could be an effective means of informing the general public about the restoration effort and would complement other components of the Trustee Council's information program, which includes OSPIC, written reports, radio spots, an automated database,

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and a website. Because this project is not eligible for funding under the BAA and several firms are capable of producing these programs, a request for proposals should be issued and the work should be performed under contract.

Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	FY97 Recom- mended	FY98 Rec.	FY99 Rec.	FY97-02 Rec.
Research Fa	cilities			Neederal and Bargermann Hun	<u>,</u>	\$1,686.4	\$0.0	\$0.0	\$0.0) \$0.0
97151-BAA	Facilities Improvement to the Prince William Sound Science Center	G. Thomas/Prince William Sound Science Center	NOAA	New 1st yr. 3 yr. pro	ject	\$537.6	\$0.0	\$0.0	\$0.0) \$0.0
This project Sound Scie office and la rooms for e expansion w staff in one the end of 1 working at t organization costs are in 2 will enhan the Oil Spill	Abstract t would expand the Prince William ence Center facility to include more aboratory space, and additional ducational activities. Phase 1 of the will result in consolidation of all current building and can be completed by 1997. The Center has 27 people three different sites in Cordova; nal efficiency and annual operating npaired by this fragmentation. Phase noe the facility to meet the needs of Recovery Institute.	Chief Scientist's D Phase I of the proposed expand and consolidate used by the Science Cer 320 (SEA). In some mea facility could duplicate the at the Alaska SeaLife Ce the facilities have substa A decision to fund this pr matter best addressed by appear that this facility w productivity of the SEA p constructed before the en 98.	raft Recom construction office and n ater investig asure, cons e investmer onter in Sew ntially differ oposal is la y others. H ould be ber roject if it ca nd of the pr	mendation n would be neeting sp ators for p truction of at already ard. Howe ent purpos rgely a po owever, it beficial to t an be ogram in F	1 1 ace 0 ace 0 project F this c made A ever, e ses. c licy w does F the a -Y F 1 1	Executi pefer decision phase I expansion to con- conditions for seessment xpansion w enter by 2,4 yould be co- phase II of t 50,000 sf s yould house WS Science contribute 0-year Pha	ve Director's I on on funding nsider is fundi ansion necess or researchers t (estimated co yould increase 500 sf to cons mpleted Janu he facility exp Science-Com the Oil Spill ce Center has \$8.5 million i use II expansio	Draft Reco until after ng only that sary to imp s on the Sc ost \$380.0 the size of colidate exit ary 30, 19 ansion, the munity Cel Recovery I asked the n FY 98-95 on.	mmenda legal rev at part of prove wor bund Eco). The Pl of the exis isting sta 97. Do n e constru nter camp Institute. Trustee 9 toward	tion iew. An the king system hase I sting ff and ot fund ction of pus that The Council the

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	1			New or	FY97 Expected	FY97	FY97 Recom-	FY98 Rec	FY99 Rec	Total FY97-02
97171	Alaska Department of Fish and Game Mariculture Technical Center Operational Funding	T. Rutz/ADFG, J.Cochran/ADFG	ADFG	New 1st yr. 5 yr. proje	ect	\$271.8	\$0.0	\$0.0	\$0.0) \$0.0
This project shellfish and place. The Center to he rear large n unique with would open research fu subsistence as a result o	Abstract twould operate a facility where bivalve d aquatic plant research could take ability of the Mariculture Technical old large culture phytoplankton and to umbers of bivalve shellfish would be in the State of Alaska. This capability new avenues for research and nding beneficial to the restoration of e shellfish resources lost or diminished of the <i>Exxon Valdez</i> oil spill.	Chief Scientist's D This is a good project that mainly scientific criteria of proposals. Defining a co- judge this and other non- requires a venture into the judgement, success in a momentum that builds we that if the MTC never get achievements, and is the other long-term sources may be saddled with op facility for many years. some argument for limited start-up the facility for the Hatchery component (we the reviewers cannot rec- or extended funding of fa- fund as proposed.	Praft Recom at is difficult used to eval ommon set of research pro- ne policy are quaculture r ith success. ets off the gr erefore unab of revenue, erational su Although the ed, short-ter benefit of nich ties into commend ei acility operation	mendation to judge by uate the Fhore of criteria to oposals ena. In my equires My conce ound with ole to attract the Truster pport of this ere may be m support f the Shellfis o project 97 ther substations. Do r	/ the I / 97 s 	Executi Do not fund. state's maric restoration of However, it i to that portic the success and funds an for that purp	ve Director's General fun culture facility objectives add is appropriate on of the facili of the ongoin re being recor ose.	Draft Reco ding of ope is not relat opted by the for the Co ty operation g clam res mmended i	mmenda eration of ed to the e Trustee uncil to c n that is n toration e n Project	tion the council. contribute related to effort, t 97131
97197	Alaska SeaLife Center Fish Pass	J. Seeb/ADFG	ADFG	New 1st yr. 1 yr. proje	ect	\$745.1	\$0.0	\$0.0	\$0.0) \$0 .0
This project fish pass at Seward. Th experiment ongoing gen Center. A c agreement by ADFG w this project.	<u>Abstract</u> t will design, construct, and install a the Alaska SeaLife Center in he fish pass will be used to propagate al runs of Pacific salmon for new and netic studies to be conducted at the cooperative agreement, similar to the for the SeaLife Center, will be written with the City of Seward to implement	Chief Scientist's D This is a technically exce basic research on genet experimental run that is of the state. It also has s for public education. The fund through nonworkpla engineering review.	Draft Recom Ellent idea th ics of salmo not available ignificant po a Trustee Co an sources a	mendation nat will ben n, provide e in this por positive bene puncil shou after	efit I an a rtion efits Id	Executi Defer decisi assessment	ve Director's on on funding of funding op	<u>Draft Reco</u> until after tions.	<u>mmenda</u> legal rev	tion () iew and

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Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	FY97 Recom- mended	FY98 Rec.	FY99 Rec.	Total FY97-02 Rec.
97238	Kachemak Bay Shellfish Nursery Culture Project	M. Bradley/Kachemak Shellfish Mariculture Association	ADFG	New 1st yr. 2 year pi	roject	\$82.1	\$0.0	\$0.0	\$0.	0 \$0.0
Through sl farms and project wor subsistence diminished compleme constructe Mariculture construct a techniques survival an	<u>Abstract</u> hellfish nursery research at aquatic other facilities in Kachemak Bay, this uld aid in the restoration of the resources or services lost or I by the oil spill. This project would nt the shellfish hatchery being d in Seward as a component of the the Technical Center. The project would an upwell nursery facility and develop to specific to Alaska to improve the ad growth rates of hatchery produced	Chief Scientist's I This proposal to build ar tidally-driven (FLUPSY) to test this technology o on-going project 97131, is supporting testing of a In addition, as proposed with EVOS restoration of experiment with oysters resource. Do not fund.	Draft Recom nd test a floa) bivalve nur n oyster spa the Trustee a similar faci I, this projec objectives, si , which are n	mendation ating, sery syste t. In the Council al lity at Tatit t has little t nce it wou not an injur	m and o ti Iready a lek. to do Id red	Executi Do not fund systers, whi nerefore ha idopted by	ve Director's This project ch are not an is a weak link the Trustee C	Draft Reco would exp injured res to restorat ouncil.	mmenda eriment ource, a ion objec	<u>ition</u> with ind ctives

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Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	Recom- mended	FY98 Rec.	FY99 Rec.	FY97-02 Rec.
97252	Investigations of Genetically Important Conservation Units of Species Inhabiting the EVOS	J. Seeb, L. Seeb/ADFG	ADFG	New 1st yr. 7 yr. proj	iect	\$49.8	\$0.0	\$0.0	\$0.0	\$0.0

Abstract

Area

This project will plan the consolidation of all of the Trustee Council-funded projects of the ADFG Genetics Laboratory into the facilities at the Alaska SeaLife Center in Seward. This project will eventually become the principal project into which all other oil spill-related studies conducted by the ADFG Genetics Laboratory will be integrated. The Genetics Laboratory developed in the Alaska SeaLife Center through this project will also provide core facilities for the genetic analysis of populations of marine fish and non-fish vertebrates and invertebrates for principal investigators conducting research at the Seward facility.

Chief Scientist's Draft Recommendation The Trustee Council has made a major investment in fisheries genetics because of the benefits to long-term restoration and mangement. The Trustee Council has also made a major investment in construction of state-of-the-art marine research facility in Seward. This proposal, which is to plan for the consolidation of Trustee Council sponsored genetics work at the Alaska SeaLife Center, has merit, though some of what is proposed here would appear to be normal agency management. The products are not well defined. Some funding seems appropriate. Fund at 3.0 months and modest expenses. No commitments to out -year funding should be made until a better plan for consolidation of the genetics program is presented. It would be particularly appropriate for the P.I. to discuss in some detail how the most promising new tools in this rapidly evolving field can be folded into this program in a cost-effective manner given the capabilities of present ADF&G staff and subcontractors.

Executive Director's Draft Recommendation

Do not fund. The proposal for FY 97 is to plan for the transfer of ADFG genetics studies to the Alaska SeaLife Center and to plan for future genetics investigations. These planning efforts are worthwhile and responsive to the FY 97 Invitation, but upon further consideration appear to be a normal agency responsibility.

Proj.No.	ProjectTitle	Proposer	Lead Agency	New or Cont'd	FY97 Expected	FY97 Request	FY97 Recom- mended	FY98 Rec.	FY99 Rec.	FY97-02 Rec.
Project Managem	nent					\$584.4	\$579.2			\$579.2
97250 Pr	oject Management	All Trustee Council Agencies		Cont'd Annual		\$584.4	\$579.2			\$579.2
Project manage incurred by the s agencies in fulfil that individual pr with the Memora Consent Decree Trustee Council the costs associ were included in The FY 97 requinant Alaska Department National Oceanit - \$98.2 U.S. Department U.S. Forest Sen	Abstract ment represents those costs state and federal trustee lling their responsibility to ensure rojects are managed consistent andum of Agreement and e, the Restoration Plan, and authorization. Prior to FY 97, iated with project management n each individual project's budget. est consists of: nent of Fish and Game - \$358.1 ic and Atmospheric Administration at of the Interior - \$61.9 vice - \$66.2	<u>Chief Scientist's Dr</u>	<u>aft Recom</u>	mendation	S	Executi ome level o re being wo	ve Director's of funding wil orked out.	<u>Draft Reco</u>	<u>mmenda</u> nended;	ition details

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PRELIMINARY DRAFT OF EXECUTIVE DIRECTOR'S RECOMMENDATION / FY 97 WORK PLAN

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Executive Director's Recommendation

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Proj. No	DTitle	Lead Agency	Proposer	New or Cont'd	FY97 Estimate	FY97 Request		FY97	FY98	FY99	FY00-02	Sum FY97-02
Pink Salm	10n				\$1,887.5	\$3,495.4		\$1,860.6	\$809.5	\$238.4	\$32.0	\$2 , 940.5
97076	Effects of Oiled Incubation Substrate on Straying and Survival of Wild	NOAA	A. Wertheimer/NOAA	Cont'd	\$619.0	\$623.2	Fund contingent	\$618.8	\$234.6	\$0.0	\$0.0	\$853.4
97093	Restoration of Prince William Sound Pink Salmon by Diversion of	ADFG	T. Linley/Prince William Sound	New		\$484.7	No rec. yet	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
97139A1	Salmon Instream Habitat and Stock Restoration - Little Waterfall Barrier	ADFG	S. Honnold/ADFG	Cont'd	\$35.0	\$26.4	Fund contingent	\$26.4		\$0.0	\$0.0	\$26.4
97139A2	Port Dick Creek Tributary and Development Project	ADFG	N. Dudiak/ADFG	Cont'd	\$37.0	\$82.7	Fund contingent	\$68.7	\$49.7	\$39.7	\$32.0	\$190.1
97139C1-CL	Montague Riparian Rehabilitation Monitoring	USFS	D. Schmid/USFS	Cont'd	\$0.0	\$9.3	Fund closeout	\$9.3	\$0.0	\$0.0	\$0.0	\$:
97186	Coded Wire Tag Recoveries From Pink Salmon in Prince William Sound	ADFG	T. Joyce/ADFG	Cont'd	\$260.5	\$275.1	Fund contingent	\$265.6	\$260.5	\$85.0	\$0.0	\$611.1
97188	Otolith Thermal Mass Marking of Hatchery Reared Pink Salmon In Prince	ADFG	T. Joyce/ADFG	Cont'd	\$100.5	\$122.4	Fund contingent	\$100.5	\$100.5	\$55.0	\$0.0	\$256.0
97190	Construction of a Linkage Map for the Pink Salmon Genome	ADFG	F. Allendorf/Univ. Montana	Cont'd	\$250.0	\$267.5	Fund contingent	\$254.5				\$254.5
97191A	Field Examination of Oil-Related Embryo Mortalities that Persist in Pink	ADFG	M. Willette/ADFG	Cont'd	\$407.0	\$283.4	Fund contingent	\$200.0	\$164.2	\$58.7	\$0.0	\$422.9
97194	Pink Salmon Spawning Habitat Recovery	NOAA	M. Murphy and S. Rice/NOAA	New		\$138.3	Fund contingent	\$138.3		\$0.0	\$0.0	\$138.3
97196	Genetic Structure of Prince William Sound Pink Salmon	ADFG	J. Seeb/ADFG	Cont'd	\$178.5	\$236.0	Fund contingent	\$178.5			\$0.0	\$178.5
97209	Examination of Straying of Hatchery Pink Salmon into Wild Populations	ADFG	T. Joyce/ADFG	New		\$123.9	Do not fund	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
97228	Quantitative Genetic Assessment of Embryo Mortality and Developmental	NOAA	B. Smoker/UAF	New		\$96.7	Do not fund	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
97284	Restoration of Prince William Sound Pink Salmon through Test Fishery	DOI	B. Henrichs/Native Village of	New		\$511.8	Do not fund	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
97321-BAA	Model Integration of Pink Salmon Restoration	NOAA	C. Coutant and W.	New		\$214.0	Do not fund	\$0.0	\$0.0	\$0.0	\$0.0	\$ <u>0.0</u>
Pacific He	erring		· · · · · · · · · · · · · · · · · · ·		\$930.6	\$1,222.7		\$534.9	\$437.6	\$0.0	\$0.0	\$972.5
97162	Investigations of Disease Factors Affecting Declines of Pacific Herring	ADFG	G. Marty/UC Davis; R.	Cont'd	\$510.6	\$538.3	Fund contingent	\$512.5	\$437.6	\$0.0	\$0.0	\$950.1
97165	Genetic Discrimination of Prince William Sound Herring Populations	ADFG	J. Seeb/ADFG	Cont'd	\$120.0	\$121.9	Defer	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
97166-CLO	Herring Natal Habitats	ADFG	M. Willette/ADFG	Cont'd	\$300.0	\$260.7	Fund closeout	\$22.4	\$0.0	\$0.0	\$0.0	\$22.4
97168-BAA	Restoration of Commercial Fishing Services: Social Ecology of the	NOAA	M. Downs/Impact Assessment,	New		\$235.0	Do not fund	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
97248	Collection of Historical Data and Local Environmental Knowledge of	ADFG	J. Seitz	New		\$66.8	Do not fund (352)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
SEA and	Related Projects				\$3,685.0	\$4,988.0		\$3,828.2	\$2,558.0	\$115.0	\$75.0	\$6,576.2
97195	Pristane Monitoring in Mussels	NOAA	J. Short/NOAA	Cont'd	\$85.0	\$115.3	Fund contingent	\$111.8	\$115.0	\$115.0	\$75.0	\$416.8
97243	Water Resources of Prince William Sound	DOI	J. Dorava/USGS	New		\$814.5	Do not fund	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0

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Proj. No	D. Title	Lead Agency	Proposer	New or Cont'd	FY97 Estimate	FY97 Request		FY97	FY98	FY99	FY00-02	Sum FY97-02
97303-BAA	Sentinel Program for Walleye Pollock in the Greater Prince William	NOAA	G. Thomas, T. Kline/Prince	New		\$120.5	Do not fund	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
97320	Sound Ecosystem Assessment (SEA)	ADFG	T. Cooney, et al.	Cont'd	\$3,600.0	\$3,766.4	Fund contingent	\$3,716.4	\$2,443.0			\$6,159.4
97322-BAA	Jellyfish as Predators and Competitors of Age-0 Fishes	NOAA	T. Kline/Prince William Sound	New		\$171.3	Do not fund	\$0.0	- \$0.0	\$0.0	\$0.0	\$0.0
Sockeye S	almon				\$391.0	\$1,390.1		\$422.2	\$7.1	\$0.0	\$0.0	\$429.3
97048-BAA	Analysis of Historical Sockeye Salmon Growth Among Populations	NOAA	G. Ruggerone/Natural Resources	s Cont'd	\$0.0	\$31.9	Do not fund	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
97239	Salmon Carcasses and Juvenile Chinook Salmon Production in the Kenai	ADFG	D. Schmidt/ADFG	New		\$136.8	Defer	\$0.0	\$0.0	\$0.0	\$0.0	\$
97251	Akalura Lake Sockeye Salmon Restoration	ADFG	S. Honnold/ADFG	New		\$388.7	Do not fund	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
97254	Delight and Desire Lakes Restoration Project	ADFG	N. Dudiak/ADFG	New		\$129.3	Fund contingent	\$122.2	\$7.1	\$0.0	\$0.0	\$129.3
97255-CLO	Kenai River Sockeye Salmon Restoration	ADFG	L. Seeb, J. Seeb, K.	Cont'd	\$100.0	\$193.3	Fund closeout	\$100.0	\$0.0	\$0.0	\$0.0	\$100.0
97258A-CL	Sockeye Salmon Overescapement Project	ADFG	D. Schmidt/ADFG	Cont'd	\$150.0	\$289.9	Fund closeout	\$150.0	\$0.0	\$0.0	\$0.0	\$150.0
97259-CLO	Restoration of Coghill Lake Sockeye Salmon	ADFG	G. Kyle/ADFG	Cont'd	\$141.0	\$220.2	Fund closeout	\$50.0	\$0.0	\$0.0	\$0.0	\$50.0
Cutthroat	Trout and Dolly Varden				\$200.0	\$1,113.1		\$283.2	\$100.0	\$0.0	\$0.0	\$383.2
97043B-CL	Monitoring of Cutthroat Trout and Dolly Varden Habitat Improvement	USFS	D. Gillikin/USFS	Cont'd		\$24.0	Fund closeout	\$24.0	\$0.0	\$0.0	\$0.0	\$24.0
97145	Cutthroat Trout and Dolly Varden: Relation Among and Within	USFS	G. Reeves/USFS, Pacific	Cont'd	\$200.0	\$229.7	Fund	\$229.7	\$100.0	\$0.0	\$0.0	\$329.7
97172	Cutthroat Trout and Dolly Varden Recovery in Prince William Sound	ADFG	A. Hoffman/ADFG	New		\$402.3	Do not fund	\$0.0				\$0.0
97174	Cutthroat Trout and Dolly Varden in PWS: Restoration Project Support	ADFG	A. Hoffman/ADFG	New		\$157.5	Fund contingent	\$16.7				\$1
97242	Characteristics of the Cutthroat Trout Resources of Prince William Sound	DOI	J. Dorava & B. Black/USGS	New	•	\$265.4	Do not fund	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
97302	Prince William Sound Cutthroat Trout, Dolly Varden Char Inventory	USFS	K. Hodges/USFS	New		\$34.2	Fund contingent	\$12.8		\$0.0	\$0.0	\$12.8
Marine M	lammals				\$687.3	\$814.1		\$461.1	\$260.0	\$50.0	\$0.0	\$771.1
9 7001	Recovery of Harbor Seals From EVOS: Condition and Health Status	ADFG	M. Castellini/UAF	Cont'd	\$192.3	\$195.5	No rec. yet			\$0.0	\$0.0	\$0.0
97012-BAA	Comprehensive Killer Whale Investigation in Prince William Sound	NOAA	C. Matkin/North Gulf Oceanic	Cont'd		\$157.5	Defer	\$0.0				\$0.0
97064	Monitoring, Habitat Use, and Trophic Interactions of Harbor Seals in PWS	ADFG	K. Frost/ADFG	Cont'd	\$347.0	\$317.8	Fund	\$317.8	\$150.0	\$50.0	\$0.0	\$517.8
97170	Isotope Ratio Studies of Marine Mammals in Prince William Sound	ADFG	D. Schell/UAF-IMS	Cont'd	\$148.0	\$143.3	Fund	\$143.3	\$110.0	\$0.0	\$0.0	\$253.3

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PRELIMINARY DRAFT OF EXECUTIVE DIRECTOR'S RECOMMENDATION / FY 97 WORK PLAN

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Executive Director's Recommendation

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Proj. No	D Title	Lead Agency	Proposer	New or Cont'd	FY97 Estimate	FY97 Request		FY97	FY98	FY99	FY00-02	Sum FY97-02
Nearshore	Ecosystem				\$1,869.3	\$3,616.8		\$2,145.8	\$1,753.7	\$524.8	\$224.4	\$4 ,648 .7
97025	Mechanisms of Impact and Potential Recovery of Nearshore Vertebrate	DOI	L. Holland-Bartels, et	Cont'd	\$1,669.4	\$2,044.8	Fund cont; defer	\$1,669.4	\$1,669.4	\$450.0	\$0.0	\$3,788.8
97090	Mussel Bed Restoration and Monitoring	NOAA	M. Babcock/NOAA	New	\$0.0	\$17.6	Fund contingent	\$10.0	\$0.0	\$0.0	\$0.0	\$10.0
97157-BAA	Intertidal Monitoring Using Carbon and Oxygen Isotope Indicators of	NOAA	M. Morgenstein and D.	New		\$85.3	Do not fund	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
97158	Monitoring Nearshore Ecosystems in Katmai National Park, Alaska	DOI	B. Goatcher/Katmai National	New		\$56.4	Do not fund	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
97161	Differentiation and Interchange of Harlequin Duck Populations Within the	DOI	B. Goatcher/Katmai National	Cont'd	\$78.9	\$104.4	Fund contingent	\$98.6	\$9.5	\$0.0	\$0.0	\$10
97181-BAA	Prince William Sound Intertidal Recovery Monitoring	NOAA	J. Houghton/Pentec	New		\$299.4	Do not fund	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
97223-BAA	Integration and Publication of Pre- and Post-Spill Data on Sea Otter	NOAA	L. Rotterman and C.	New		\$79.0	Fund contingent	\$40.0	\$0.0	\$0.0	\$0.0	\$40.0
9 7227	Status and Recovery of Intertidal Communities	ADFG	M. Stekoll and R.	New		\$276.0	Do not fund	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
9 7233	Body Condition of Sea Otters in Prince William Sound	NOAA	L. Rotterman and C.	New		\$11.8	Do not fund	\$0. 0	\$0.0	\$0.0	\$0.0	\$0.0
97240	Clam Recruitment: Investigation of Settlement Limitation and	DOI	G. Irvine/NBS-DOI	New		\$237.9	Do not fund	\$0.0				\$0.0
97290	Hydrocarbon Data Analysis, Interpretation, and Database Maintenance	NOAA	J. Short/NOAA	Cont'd	\$121.0	\$77.3	Fund contingent	\$74.8	\$74.8	\$74.8	\$224.4	\$448.8
9 7427	Harlequin Duck Recovery Monitoring	ADFG	D. Rosenberg/ADFG	Cont'd		\$254.6	Fund contingent	\$253.0			1	\$253.0
97429	Responses of River Otters to Oil Contamination: Controlled Study of	DOI	T. Bowyer/UAF	New		\$72.3	Do not fund	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Seabird/F	orage Fish and Related Projects		· · · · · · · · · · · · · · · · · · ·		\$1,846.2	\$3,655.8		\$2,172.6	\$1,851.5	\$1,820.0	\$176.4	\$6,020.5
97142	Status and Ecology of Kittlitz's Murrelets in Prince William Sound	NOAA	R. Day/ABR, Inc.	Cont'd		\$188.5	Fund contingent	\$188.5	\$0.0	\$0.0	\$0.0	\$18
97144	Common Murre Population Monitoring	DOI	D. Roseneau/DOI-FWS	Cont'd	\$70.5	\$73.8	Fund	\$73.8	\$21.5	\$0.0	\$Ó.O	\$95.3
97159-CLO	Surveys to Monitor Marine Bird Abundance in Prince William Sound	DOI	B. Agler/DOI-FWS	Cont'd	\$25.0	\$83.0	Fund closeout	\$45.4	1			\$45.4
97163A-P	APEX: Alaska Predator Ecosystem Experiment in Prince William Sound	NOAA	D. Duffy, et al/UAA	Cont'd	\$1,750.7	\$2,287.8	Fund contingent	\$1,800.0	\$1,800.0	\$1,800.0	\$176.4	\$5,576.4
97167-BAA	Preparation and Curation of Seabirds Salvaged from the Exxon Valdez	DOI	S. Rohwer/University of	New		\$41.0	Fund contingent	\$32.1	\$0.0	\$0.0	\$0.0	\$32.1
97169-BAA	A Genetic Study to Aid in Restoration of Murres, Guillemots, and	DOI	V. Friesen/Queen's University,	New		\$153.0	Do not fund	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
97182-BAA	Phenology of Kittlitz's Murrelets in Prince William Sound	NOAA	R. Burns and L.	New		\$247.0	Do not fund	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
97224	Forage Fish Assessment of the Cook Inlet, Shelikof Strait, and Gulf of	DOI	V. Elliott/DOI-MMS, A.	New		\$110.0	Do not fund	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
97231	Marbled Murrelet Productivity Relative to Forage Fish Availability and	DOI	K. Kuletz/FWS	New		\$217.7	Lower priority	\$0.0				\$0.0
97235	Sand Lance Literature Review and Synthesis	NOAA	B. Nelson and S. Rice/NOAA	New		\$42.3	Do not fund	\$0.0	\$0 .0	\$0.0	\$0.0	\$0.0

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Proj. No). Title	Lead Agency	Proposer	New or Cont'd	FY97 Estimate	FY97 Request		FY97	FY98	FY99	FY00-02	Sum FY97-02
97253-BAA	Factors that Limit Seabird Recovery in the EVOS Study Area: A	DOI	D. Ainley/H.T. Harvey &	New		\$93.8	Do not fund	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
97305	Monitoring Response of Seabirds to Changing Prey Availability Using	DOI	J. Piatt/DOI-NBS	New		\$90.1	Do not fund	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
97306	Ecology and Demographics of Pacific Sand Lance in Lower Cook Inlet	DOI	J. Piatt/DOI-NBS	New		\$27.8	Fund contingent	\$32.8	\$30.0	\$20.0	\$0.0	\$82.8
Archaeolo	gical Resources				\$195.0	\$314.7		\$220.2	\$205.0	\$135.0	\$405.0	\$965.2
97007A	Archaeological Index Site Monitoring	ADNR	D. Reger/ADNR	Cont'd	\$135.0	\$192.2	Fund contingent	\$135.0	\$145.0	\$135.0	\$405.0	\$820.0
97007B	Site Specific Archaeological Restoration	USFS	L. Yarborough/USFS	New	\$0.0	\$27.2	Fund contingent	\$18.9	\$0.0	\$0.0	\$0.0	\$1
97149	Archaeological Site Stewardship	ADNR	D. Reger/ADNR	Cont'd	\$60.0	\$95.3	Fund contingent	\$66.3	\$60.0	\$0.0	\$0.0	\$126.3
Subsisten	ce				\$1,226.0	\$6,281.8		\$1,180.9	\$909.0	\$632.0	\$825.0	\$3,546.9
97009D-CL	Survey of Octopuses in Intertidal Habitats	USFS	D. Scheel/Prince William Sound	Cont'd	\$40.9	\$53.3	Fund contingent	\$48.0	\$0.0	\$0.0	\$0.0	\$48.0
97052	Community Involvement/Traditional Ecological Knowledge	ADFG	P. Brown/Chugach Regional	Cont'd	\$ 250.0	\$378.8	Fund contingent	\$250.0	\$250.0	\$250.0	\$750.0	\$1,500.0
97127	Tatitlek Coho Salmon Release	ADFG	G. Kompkoff/Tatitlek IRA	Cont'd	\$ 15.9	\$12.0	Fund contingent	\$11.1	\$12.0	\$12.0	\$0.0	\$35.1
97131	Chugach Native Region Clam Restoration	ADFG	D. Daisy/Chugach Regional	Cont'd	\$4 13.6	\$401.4	Fund contingent	\$310.0	\$275.0	\$275.0	\$0.0	\$860.0
97156	EVOS Restoration Public Access & Education Program	ADFG	H. Tomingas/Ocean Explorers	New	•	\$267.5	Do not fund	\$0.0	\$0.0	\$0.0	\$0:0	\$0.0
97210	Youth Area Watch	ADFG	R. Sampson/Chugach School	Cont'd	\$ 100.0	\$203.4	Fund contingent	\$120.0	\$120.0	\$0.0	\$0.0	\$240.0
97214-CLO	Documentary on Subsistence Harbor Seal Hunting in Prince William	ADFG	B. Simeone/ADFG	Cont'd	\$0.0	\$12.1	Fund contingent	\$5.4	\$0.0	\$0.0	\$0.0	\$5.4
97220	Eastern PWS Wildstock Salmon Habitat Restoration	USFS	D. Schmid/USFS	Cont'd	\$ 115.0	\$118.0	Fund part, defer	\$92.0	\$92.0	\$20.0	\$0.0	\$204
97222	Chenega Bay Salmon Habitat Enhancement (Stream 667 Fish Pass)	USFS	USFS	Cont'd	\$ 56.4	\$78.8	Defer	\$0.0		\$0.0	\$0.0	\$ 0.0
97225	Port Graham Pink Salmon Subsistence Project	ADFG	E. Anahonak, Port Graham IRA	Cont'd	\$83.1	\$80.4	Fund contingent	\$74.4	\$75.0	\$75.0	\$75.0	\$299.4
97244	Community-Based Harbor Seal Management and Biological Sampling	ADFG	M. Reidel/Alaska Native Harbor	[·] Cont'd	\$100.0	\$155.7	Fund contingent	\$100.0	\$85.0	\$0.0	\$0.0	\$185.0
97245-BAA	Community-Based Harbor Seal Research	ADFG	M. Reidel/Alaska Native Harbor	New		\$274.3	Do not fund	\$0.0	\$0.0	\$0.0	\$0.0	\$ 0.0
97247	Kametolook River Coho Salmon Subsistence Project	ADFG	J. McCullough & L.	New		\$46.2	Defer	\$0.0			-	· S 0.0
97256A	Sockeye Salmon Stocking at Columbia Lake	USFS	K. Murphy/USFS	Cont'd		\$34.4	Defer	\$0 .0				\$ 0.0
97256B	Sockeye Salmon Stocking at Solf Lake	USFS	K. Murphy/USFS	Cont'd		\$16.8	Defer	\$0.0				\$0.0
97261	Port Graham Landowners Resource Ethic and Stewardship Subsistence	ADFG	W. Meganack, Jr./Port Graham	New		\$443.6	Do not fund	\$0.0	\$0.0	\$0 .0	\$0.0	\$0.0
97262	Shoreline Inventory, and Protection and Enhancement of Shorelines on	ADFG	W. Meganack, Jr./Port Graham	New		\$595.7	Do not fund	\$0.0	\$0.0	\$0.0	\$0.0	\$ 0.0

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Executive Director's R	Recommendatio	Π
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Proj. No	D. Title	Lead Agency	Proposer	New or Cont'd	FY97 Estimate	FY97 Request		FY97	FY98	FY99	FY00-02	Sum FY97-02
97263	Assessment, Protection and Enhancement of Salmon Streams on Port	ADFG	W. Meganack, Jr./Port Graham	New		\$1,404.6	Do not fund	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
97264	Inventory, Assessment, Protection & Enhancement of Wetlands &	ADFG	W. Meganack, Jr./Port Graham	New		\$417.8	Do not fund	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
97265	Subsistence Enhancement on Port Graham Corporation Uplands: Planting	ADFG	W. Meganack, Jr./Port Graham	New		\$334.0	Do not fund	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
97267	Port Graham Floating Skiff Dock for Subsistence Harvesters	ADFG	W. Meganack, Jr./Port Graham	New		\$62.5	Defer	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
97268	Funding for Educational Harvest Trips: Port Graham	ADFG	W. Meganack, Jr./Port Graham	New		\$22.0	Defer	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
97271	Status of Subsistence Marine Mammals in the Lower Cook	ADFG	F. Elvsaas/Seldovia Village	New		\$116.0	Do not fund	\$0.0	\$0.0	\$0.0	\$0.0	\$ <u></u> ^ ^
97272-CLO	Chenega Chinook Release Program	ADFG	J. Milton/Prince William Sound	Cont'd	\$51.1	\$45.0	Fund closeout	\$45.0	\$0.0	\$0.0	\$0.0	\$4ɔ.u
97276	Access Road to Donor Bay as Replacement for Chignik Lagoon	ADFG	J. Lind/Chignik Lake Village	New			Do not fund	\$0.0				\$0.0
97281	Habitat Improvement Through Redesigned Forest Workshops	USFS	R. Ott/Native Village of Eyak	New		\$115.8	Fund contingent	\$50.0	\$0.0	\$0.0	\$0.0	\$50.0
97282	Sea Otter Population Monitoring	DOI	Native Village of Eyak	New		\$287.5	Do not fund	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
97286	Elders/Youth Conference on Subsistence and the Oil Spill	DOI	B. Henrichs/Native Village of	New		\$131.7	Do not fund	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
97295	Dissemination of Traditional Knowledge	ADNR	D. Mortenson/ADNR	New		\$172.5	Do not fund	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
97352	Traditional Ecological Knowledge: A Consolidated Approach			New		ι.	Fund	\$75.0				\$75.0
Reduction	of Marine Pollution		· · · · · · · · · · · · · · · · · · ·			\$1,146.9		\$267.5	\$0.0	\$0.0	\$0.0	\$267.5
97260	Reduction and Cleanup of Marine Pollution in Port Graham	ADFG	W. Meganack, Jr./Port Graham	New		\$616.5	Do not fund	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
97283	Native Village of Eyak: Cordova Beach Cleanup and Restoration	ADEC	B. Henrichs/Native Village of	New		\$193.7	Do not fund	\$0.0	\$0.0	\$0.0	\$0.0	\$ <u>?</u> ^
97304	Kodiak Island Borough Master Waste Management Plan	ADEC	J. Selby/Kodiak Island Borough	New		\$336.7	Fund contingent	\$267.5	\$0.0	\$0.0	\$0.0	\$26 <i>1</i> .5
Habitat In	nprovement				\$879.6	\$892.4		\$662.6	\$759.6	\$0.0	\$0.0	\$1,422.2
97180	Kenai Habitat Restoration & Recreation Enhancement Project	ADNR	M. Rutherford/ADNR, M.	Cont'd	\$879.6	\$621.8	Fund contingent	\$594.8	\$759.6	\$0.0	\$0.0	\$1,354.4
97230	Valdez Duck Flats Restoration Project	ADNR	J. Winchester/PWSEDC	New		\$270.6	Fund contingent	\$67.8		\$0.0	\$0.0	\$67.8
Ecosysten	n Synthesis					\$673.1		\$55.0	\$0.0	\$0.0	\$0.0	\$55.0
97054-BAA	A Mass-balance Model of Trophic Fluxes in Prince William Sound	NOAA	D. Pauly/University of British	New		\$148.0	Do not fund	\$0.0				\$0.0
97215-BAA	Modeling Trophic Webs to Achieve Synthesis in SEA, NVP, and APEX	NOAA	S. Pimm/University of	New		\$75.6	Do not fund	\$0.0				\$0.0
97234	Ecosystems Ecosystem Synthesis Model of EVOS Restoration Findings for Resource	NOAA	A. Hooten/Environmental	New		\$198.4	Do not fund	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
97249	Ecosystem Synthesis and Modeling	NOAA	I. Show/SRA, Inc.	New		\$251.1	Do not fund	\$0.0	\$ 0.0	\$0.0	\$0.0	\$0.0

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PRELIMINARY DRAFT OF EXECUTIVE DIRECTOR'S RECOMMENDATION / FY 97 WORK PLAN

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Executive Director's Recommendation

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Proj. No	D. Title	Lead Agency	Proposer	New or Cont'd	FY97 Estimate	FY97 Request		FY97	FY98	FY99	FY00-02	Sum FY97-02	
97300	Ecosystem Synthesis: Modeling and Communication Efforts			New			Fund	\$55.0		******		<u>\$55</u> .0	
Public Information and Education			E			\$2,737.6		\$100.0	\$0.0	\$0.0	\$0.0	\$100.0	
97183	Placement of "Darkened Waters: Profile of an Oil Spill" in a Permanent,	ADFG	M. O'Meara/Pratt Museum	New			Do not fund	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	
97221-BAA	Developing a Trustee Council Information Infrastructure	ADNR	L. Thomas/Mitretek Systems	New		\$214.0	Do not fund	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	
97232	Endowment of an Engineering Research Center at the University of Alaska	ADFG	G. Baker, H. Schroeder, C.	New		\$2,256.5	Do not fund	\$0.0	\$0.0	\$0.0	\$0.0	\$ù ù	
97275	Rural Development Applied Field-Based Research Program in Oil Spill	ADFG	G. Pullar/UAF-College of Rura	l New		\$161.4	Do not fund	\$0.0	\$0.0	\$0.0	\$0.0	\$	
97301	The Alaska Laboratory Series Television Pilot	ADFG	G. Bolar/Alaska Public	New		\$105.7	Fund	\$100.0	\$0.0	\$0.0	\$0.0	\$100.0	
Research	Facilities			÷		\$403.7		\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	
97171	Alaska Department of Fish and Game Mariculture Technical Center	ADFG	T. Rutz/ADFG,	New	-	\$271.8	Do not fund	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	
97238	Kachemak Bay Shellfish Nursery Culture Project	ADFG	M. Bradley/Kachemak Shellfis	h New	<i>.</i>	\$82.1	Do not fund	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	
97252	Investigations of Genetically Important Conservation Units of Species	ADFG	J. Seeb, L. Seeb/ADFG	New		\$49.8	Do not fund	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	
Project Management					\$584.4		\$579.2	×			\$579.2		
97250	Project Management		All Trustee Council Agencies	Cont'd		\$584.4	Fund	\$579.2				\$579.2	
			• • •	Total:	\$13,797.5	\$33,330.6		\$14,774.0	\$9,651.0	\$3,515.2	\$1,737.8	\$29,678.0	

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								Executive Director's Recommendation				
Proj. N	o. Title	Lead Agency	Proposer	New or Cont'd	FY97 Estimate	FY97 Request		FY97	FY98	FY99	FY00-02	Sum FY97-02
Archaeological Resources				\$318.5		\$0.0	\$0.0	\$0.0	\$0.0	-\$0.0		
97277	Archaeological Repository and Cultural Facility in Chenega Bay	USFS	C. Totemoff/Chenega	New		\$318.5	Defer	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Reduction of Marine Pollution					\$2,086.2		\$1,167.9	\$75.0	\$0.0	\$0.0	\$1,242.9	
97115	Implementation of the Sound Waste Management Plan: Environmental	ADEC	P. Roetman/Prince William	New		\$1,167.9	Fund contingent	\$1,167.9	\$75.0	\$0.0	\$0.0	\$1,242.9
97229	City of Cordova - Solid Waste Disposal Site	ADEC	S. Janke/City of Cordova	New		\$918.3	Defer	\$0.0	\$0.0	\$0.0	\$0.0	\$
Habitat Improvement												
97126	Habitat Protection and Acquisition Support	ADNR	C. Fries/ADNR, D.	Cont'd			Fund					
Research Facilities					\$1,282.7		\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	
97151-BAA	Facilities Improvement to the Prince William Sound Science Center	NOAA	G. Thomas/Prince William	New		\$537.6	Defer	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
97197	Alaska SeaLife Center Fish Pass	ADFG	J. Seeb/ADFG	New		\$7 45.1	Defer	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
				Total:		\$3,687.4		\$1,167.9	\$75.0	\$0.0	\$0.0	\$1,242.9