

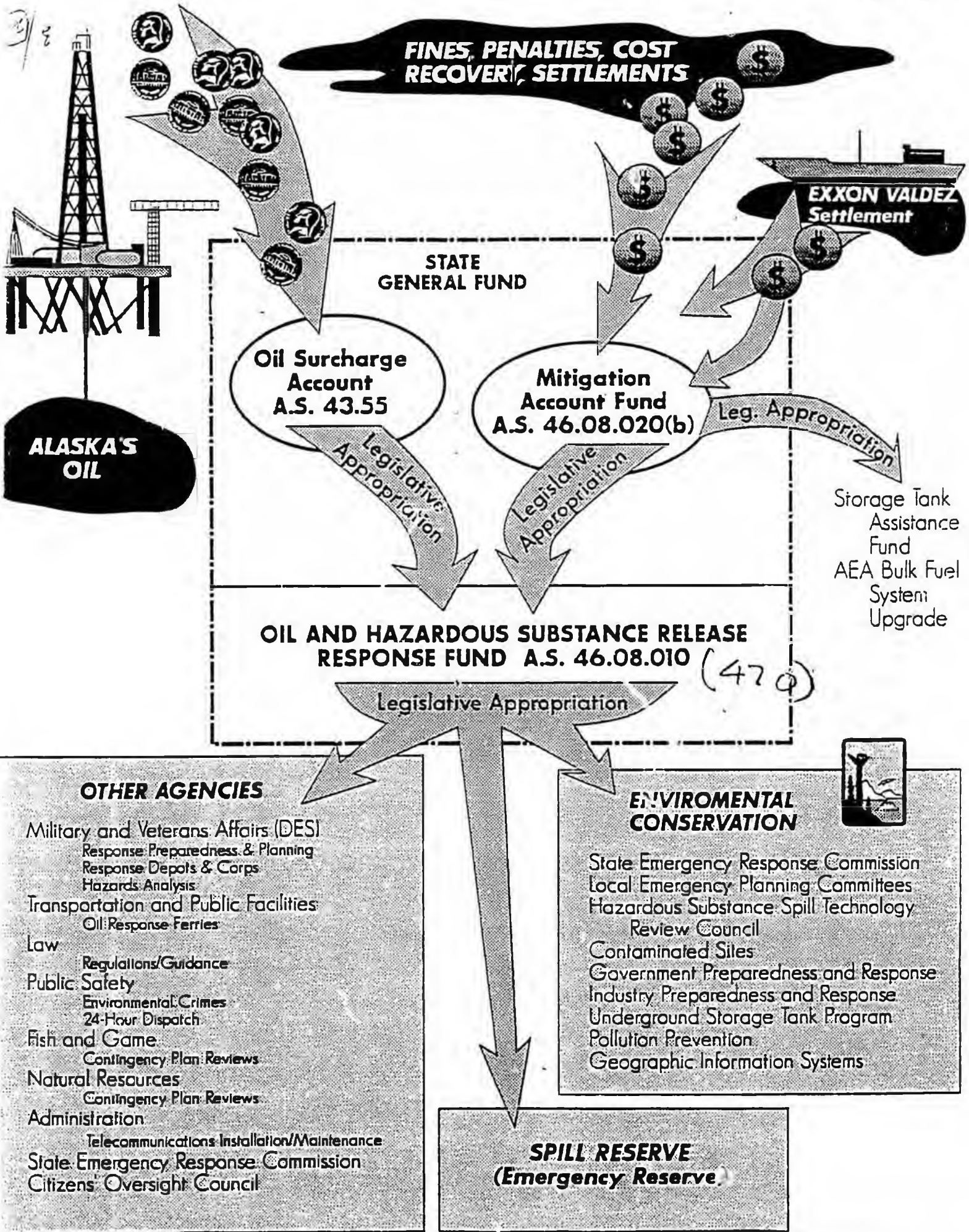
ALASKA LEGISLATURE

1172

HOUSE and SENATE FINANCE COMMITTEE FILES,

1993-1994

246





Alaska Environmental Lobby, Inc.

P.O. Box 22151 Juneau, Alaska 99802

Phone: 907-463-3366

Fax: 907-463-3312

SUMMARY

HB 269 and SB 183 EXXON CRIMINAL SETTLEMENT

The Alaska Environmental Lobby opposes HB 269 and SB 183. Both bills violate the intent of the Exxon criminal settlement. The plea agreement states that the payments received by Alaska are "exclusively for restoration projects."

HB 269 and SB 183 make only a token nod to that intent:

- Most of the funds allocated by HB 269 and SB 183 will be spent on tourist facilities and fish hatcheries -- which are not restoration projects.
- Nature is the best agent of restoration. The best and the most effective way that the areas impacted by the spill can be restored to their pre-spill health, is to protect critical and productive habitat areas from further destruction.
- There is widespread public support for habitat acquisition.
- The Alaska Environmental Lobby supports the appropriation for the purchase of the Kachemak Bay State Park inholding.
- The sponsors of HB 269 and SB 183 have ignored public input: few of the many people, communities and organizations affected by the spill were consulted during the drafting of this legislation.

The Alaska Environmental Lobby requests that sections 2, 4 through 7, 9 and 12 be removed from the bills. The entire \$50 million settlement need not be spent this year. In 1994, a bill appropriating these funds should be drafted which will more satisfactorily reflect both the intent of criminal settlement and the concerns and the interests of the public.



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HB 269 & SB 183 EXXON CRIMINAL SETTLEMENT

The Alaska Environmental Lobby opposes HF 269 and SB 183. These bills violate both the intent and the spirit of the Exxon criminal settlement. Exxon's Plea Agreement, which is quoted in the bill itself, states that the settlement is to be used "exclusively for restoration projects, within the state of Alaska relating to the Exxon Valdez oil spill." But HB 269 and SB 183 make only a token nod to the settlement's intent. They allocate just \$20 million to projects unequivocally restorative. Most of the rest is spent on concrete.

The Exxon Valdez Oil Spill was a crime against nature. The criminal settlement was to be in restitution for that crime by, in some small way, repairing the catastrophic damage done to the animals, plants, land and sea in the oil impact area.

The best and the most effective way in which we can return Prince William Sound and the other areas impacted by the spill, to their pre-spill health, is to protect them from further threats and damage. Nature is the best agent of restoration. If given a chance, the natural workings of the ecosystem will replenish the fish, bird and wildlife populations and eventually clean the beaches and flush the waters. There is nothing that humans can do at this point that can be more effective than to let nature take its course.

In order for nature to be able take its course, critical and productive habitat areas must be protected from further destruction. The more habitat lost, the harder it will be for wildlife populations to recover. It is for these reasons that environmentalists and many other people and organizations across the state have overwhelmingly endorsed the acquisition of habitat as the best use of the criminal settlement money.

But most of the funds allocated by HB 269 and SB 183 will be spent on tourist facilities and fish hatcheries. Building tourist facilities will not restore the environment. If anything, tourists will only add to the pressure now on fish and wildlife populations. Hatcheries are not the best way to restore wild stocks. More cost effective methods exist, such as fish rehabilitation, in-stream incubation boxes and the stocking of streams.

Post-it brand

Fax Transmittal Memo

To LIO/JNU

Company

Location

Fax #

Telephone #

Comments

7672

No. of Pages

27

Today's Date 4-16-93 Time

From

LIO/SOL + SEW

Company

Location

Dept. Charge

Fax #

Telephone #

Original Disposition:

Destroy

Return

Call for pickup

Keep WITH Bill. please.

Written testimony for ~~State Finance~~ to be put
with SB 183.



Alaska State Legislature

Please enter into the record my testimony to the Senate Finance
committee on Senate 183 dated April 16, 1993
bill/subject committee name

I don't want to be repetitive on Alaska Sealife Center, one of the most exciting events happening in Alaska. This is a wonderful way to show the Outside World, Alaska is capable of great strides in the scientific field & to enhance our sealife. This opportunity has been a long time coming, lots of hard work & research! Please let's not drop the ball now!

Signed: Heather Urbach
Testifier
Seward Business Assoc
Representing (Optional)
Box 249, Seward Alaska 99664
Address
224-3088 224-3089
Phone No.



Alaska State Legislature

Please enter into the record my testimony to the SENATE FINANCE committee name

committee on S.B. 113, dated 4-16-93
bill/subject

I believe there needs to be a responsible balance between capital investment and land acquisition. ~~The bill~~ I feel that the proposed bill achieves that balance.

IT SEEMS TO ME THAT THE ALASKA SEALIFE CENTER IN PARTICULAR MEETS THE INTENT OF THE SETTLEMENT WITH ITS FOCUS ON REHABILITATION, RESEARCH & EDUCATION ON THE MARINE MAMMALS & SEABIRDS. SOME OF WHICH WERE SEVERELY IMPACTED BY THE OIL SPILL. ~~IT'S~~ IT'S ABILITY TO PAY FOR ITSELF AFTER CONSTRUCTION IS ALSO VERY IMPORTANT.

Signed: [Signature] LARRY JOHNSON
Testifier

Representing (Optional)

Box 2071 SEWARD, AK
Address

224-3164
Phone No.



Alaska State Legislature

Please enter into the record my testimony to the Seward Finance
committee name

committee on s/a 18.3, dated 4-16-93
bill/subject

I wish to speak in favor of the B.M. The issue of locating a Sea Life Center in Seward, would enhance the scientific study of marine mammals. With the University Institute of Marine Science right next door it seems this would be the logical location for a center of this type. It would attract scientists world-wide - as a matter of fact already there is much excitement and discussion amongst the scientific community on this project.

IHS and SAHMS is a logical team to work on this project. Proposals has been made available by the City - IHS is ^{already} here in Seward. strongly recommend 12.5 Million be made available to

Signed: Norbert Anderson
Testifier

Fund this project.

Representing (Optional)

P.O. Box 17; Seward AK 99666
Address

224-5544
Phone No.



Alaska State Legislature

Please enter into the record my testimony to the Senate Finance
committee name
 committee on SB183 . dated 4-16-93
bill/subject

I wish to express my support for SB183, especially the \$12.5M appropriation for the Alaska Sealife Center in Section 2. Since the spill of 1989, Seward has provided support for this scientific research opportunity of relatively unknown life cycles of marine mammals and birds in their natural habitat. Being the site of the Institute of Marine Sciences, UAF, and the support early on by the citizens, business community, education community and through a large grant by the City of Seward, not to mention the statewide members of the SAAMS board, including marine biologists, the site of the Alaska Sealife Center is logically in Seward.

Signed: James A. Krasnansky *James A. Krasnansky*
Testifier

Representing (Optional)
POB 295 Seward AK 99664
Address
(907) 224-3418
Phone No.



Alaska State Legislature

Please enter into the record my testimony to the Senate Finance
 committee on SB183 , dated 4-16-93
committee name
bill/subject

As a third generation Alaska family whose business has been in Seward since 1903, we feel strongly that you should support SB183. This bill is fair and equitable to all Alaskans and certainly ~~a~~ good projects to have funded from this source.

The Samms project has been a very badly needed facility for Alaska - we need the ability to treat our wounded animals and birds ~~and~~ and have the facilities to educate our young people to protect our wonderful state for their future and the future of their children.

Signed: Iris A. Warling
 Testifier
Brown and Hawkins
 Representing (Optional)
Box 149
 Address
224-3011
 Phone No.



Alaska State Legislature

Please enter into the record my testimony to the Senate Finance
committee name
 committee on SB183, dated 4-16-93
bill/subject

I AM IN TOTAL SUPPORT OF SB 183. I THINK
 THIS WOULD REALLY BENEFIT SEWARD, KENAI
 PENINSULA AND THE ENTIRE STATE.

Signed: Jon Holland
Testifier
Bruce Jon
Representing (Optional)
Box 2142 Seward, AK 99664
Address
224-5238
Phone No.



Alaska State Legislature

PAGE ①

Please enter into the record my testimony to the FINANCE
committee name

committee on SB-183, dated 4-16-93

As a citizen of Alaska ^{bill/subject} I feel that legislative support for the legislation introduced by Governor Hickel is important to the entire state of Alaska in two ways.

The first is the scientific Research that will be conducted at the facility. As we know the ~~the~~ Steller Sea Lions population is declining it is important to find the reason why. Seward is an ideal location to base studies on these and other Sea Mammals.

In conjunction with the Institute of Marine Science Scientists from all over the world to do research on all forms of Sea life.

The second is the Economic Impact this facility will have on all of Alaska. Economic Impact ^{feasibility} studies ~~will~~ will ~~be~~ show that this facility will support it self off the revenue earned by entrance fee's and souvenir sales. SAAMS will tie in ~~as~~ perfectly with the cruise lines

Signed: Dale Wilhoit
Testifier

Self
Representing (Optional)

Box 1991 Seward AK 99664
Address

907-224-5605 907-274-3222
Phone No.



Alaska State Legislature

PAGE 2

Please enter into the record my testimony to the _____ committee name

committee on _____, dated _____
bill/subject

Having a main attraction such as this on the Kenai Peninsula will bring more tourists to Alaska not just Seward.

I also feel your support is needed for the Oyster Spat Hatchery. Mr. Jeff Hatrick and the Chugachmiut native association are actively campaigning for funds to get this program moving forward.

As I understand the spat Hatcheries in the lower 48 are no longer growing or selling as many spats.

This means the Oyster Growers will not be able to purchase spats as easily as before, possibly making the Economics of the shellfish growers in Kachemak Bay, Prince William Sound & Elsewhere missing one or more harvests.

In closing I would like to bring to your attention to Kenai Fjords National Park. A native association

Signed: _____

Testifier

Don Utter

Representing (Optional)

Address

Phone No.

Has applied to the rights for lands ~~and~~ in and around end near the park. I would like to ask you for your support in contacting the Exxon Valdez oil spill Trustees council members and urge them to buy these lands for preservation.



Alaska State Legislature

Please enter into the record my testimony to the FINANCE
committee name
 committee on SB 183 dated 4/16/93
bill/subject

Give this bill your full support.
 The economic impact on Seward will
 be great!

Signed: *John W. Frost*
Testifier

Representing (Optional)
PO Box 300
Address
224-5691
Phone No.



Alaska State Legislature

Please enter into the record my testimony to the

Senate Finance
committee name

committee on

SB 183
bill/subject

, dated

4/16/93

I am in favor of SB 183. I think that the SAAWS project will provide more jobs for the community as well as a much needed scientific resource center.

Signed:

Anders Alvestrand

Testifier

Alaska Employment Service

Representing (Optional)

Box 1795 Seward AK 99664

Address

224-5276

Phone No.



SENATE BILL 183 - FINANCE COMMITTEE
Alaska State Legislature

Please enter into the record my testimony to the GOVERNOR'S BILL
FOR CRIMINAL SETTLEMENT MONIES
committee on _____, dated _____
bill/subject

PLEASE CONCENTRATE DIRECT USE
OF THIS FUND TO ITS ORIGINAL
PURPOSE: PROTECTION OF HABITAT
AND NATURAL RESOURCES
AFFECTED DIRECTLY BY THE
EXXON-VALDEZ DISASTER. ARE
BOOMS AND SPILL EQUIPMENT IN
PLACE AT PRESENT SHOULD
ANOTHER ~~SPILL~~ TITANIC SPILL
TAKE PLACE TONIGHT?

Signed: ELIZABETH BALKUS
Testifier
COOK INLET VICIL
Representing (Optional)
BOX 2993 HOMER
Address
235-4329
Phone No.



Alaska State Legislature

Please enter into the record my testimony to the Senate Finance
 committee name
 committee on SB 183 / Exxon criminal settlement, dated 4/16/93
 bill/subject

We strongly believe that Exxon settlement monies should be spent solely on habitat acquisition and protection within the spill-affected area. It is the responsibility of the legislature to prevent the misuse of Exxon settlement funds for inappropriate projects such as construction of hatcheries, roads, recreational facilities, etc. These funds must be used to facilitate the healing of PWS and other spill affected areas through projects that directly lead to restoration.

Thank-you for the opportunity to testify.

Signed: Pamela K. Miller
 Testifier
Greenpeace
 Representing (Optional)
P.O. Box 104432 Anchorage, AK 99510
 Address
(907) 277 8234
 Phone No.



Alaska State Legislature

Please enter into the record my testimony to the Senate Finance Committee
committee name

SB183
committee on Exxon Criminal Settlement, dated _____
bill/subject

Habitat protection is the single best use of the Exxon penalty money because it is the basis of a healthy ecosystem for years to come. (A hatchery for sports fish in Anchorage is too much of a stretch.) Kachemak Bay buyback funds, the Kodiak fish research center and Kenai River habitat protection projects/acquisitions can all be related to the spill and seem to make the most long term sense. (A Road wouldn't seem to be much of a restoration project either.)

Signed: _____

Peggy Mullen

Testifier

self

Representing (Optional)

355 Lingonberry, Soldotna 99669

Address

202-9225

Phone No.



Alaska State Legislature

Please enter into the record my testimony to the Finance committee name
 committee on Sealife Center , dated 4/16/93
 bill/subject

This center would be a benefit of all sea life & residents of America. It should be supported by all.

Signed: *Shirley Mason*
 Testifier

Representing (Optional)
PO Box 797 Seward AK 99664
 Address
407 224-~~999~~ 7665
 Phone No.



Alaska State Legislature

Please enter into the record my testimony to the

Senet Finance

committee name

committee on

Senet Bill 183

dated

4-16-93

bill/subject

I support this Bill.

Signed:

Donald A. Roy

Testifier

Representing (Optional)

Box 1137 Seward AK 99664

Address

224-3415

Phone No.

APR-16-1993 17:30 FROM SEWARD COM. LIBRARY

TO

12621881150

P.02



Alaska State Legislature

Please enter into the record my testimony to the Senate Finance
committee name
 committee on SB183 , dated 4-16-93
bill/subject

I support this bill 100%.

Signed: *Don J. Welch*
Testifier

Representing (Optional)
Seward, AK 99664
Address

224-5981
Phone No.



Alaska State Legislature

Please enter into the record my testimony to the FINANCE
committee name

committee on Senate Bill 183, dated April 16 1993
bill/subject

SEWARD IS THE MOST APPROPRIATE
LOCATION IN ALASKA FOR THIS
SAAMS. PROJECT. THE TOWN IS
ALREADY DIRECTED FOR TOURISTS
FACILITIES THIS WILL ADD TO THE
INCENTIVE TO UP GRADE THE WHOLE
TOWN.

Signed: Carol Chauderie
Testifier

CHAUDIERIE DESIGN
Representing (Optional)

P.O. - Box 1509 - Seward
Address

Alc 99664
Phone No.
(907) 224 - 3825



Alaska State Legislature

Please enter into the record my testimony to the Senate Finance
committee name
committee on SB183 , dated 4-16-93
bill/subject

I am in support of the
to use to develop SAAMS in
Seward.

I believe it is in the states
best interest to help Seward in this
way.

Signed: Sally D. Wakefield
Testifier

Representing (Optional)

PO Box 1083 Seward

Address

224-3609

Phone No.



Alaska State Legislature

Please enter into the record my testimony to the Senate Finance
committee name
committee on SB183 , dated 4-16-93
bill/subject

I support the appropriation of \$12.5 m.
to use to develop the SAAMS in Seward. It
is an enhancement using our natural resources
for community and state benefit. It will
contribute to research and to our economy, a
good investment!

Signed: Jack P. Wauson
Testifier

Representing (Optional)
PO Box 1526 Seward AK 99667
Address

224-3950
Phone No.



Alaska State Legislature

Please enter into the record my testimony to the Senate Finance Committee
 committee name
 SB ~~200~~ 183
 committee on Environment Criminal Settlement dated 4/16/93
 bill/subject

Dear Sirs,

OR
KILL
the
Bill.

Remember
the
EXXON
SPILL!

1. Spent the money to buy booms + materials to put in places that we have been promised!
2. Buy or build tugs to escort ~~tugs~~ oil tankers.
3. Keep Kenai River Habitat plan.
4. Use money for Habitat Protection!
 1. Sea Lions - declining population
 2. Belugas - New Seismic use will hurt them.
 3. Ducks - decimated after Exxon
 4. Fish - Habitat destroyed

Signed: LINDA FEILER

Testifier
Friends + Family

Representing (Optional)
Box 148 ANCHOR PT. AK. 99556

Address
235-8457

Phone No.



Alaska State Legislature

Please enter into the record my testimony to the Senate Finance
committee name
 committee on SB 183 , dated _____
bill/subject

I support Senate Bill 183. I believe that the SAAAS will enhance the economy of Seward and the State of Alaska.

Signed: Jean H. Lemair
Testifier

Representing (Optional)
P.O. Box 1283
Address
224-8662
Phone No.



Alaska State Legislature

Please enter into the record my testimony to the Senate
Finance
 committee name
 committee on SB #183, dated 4-16-93
 bill/subject

I fully support Senate Bill #183 in its entirety as written. I feel the bill is well thought-out and addresses the issue of restoration in a reasonable and intelligent manner. Land acquisition, fish hatchery improvements, recreational enhancements and a world class facility that will provide research and rehabilitation of wild life affected by the oil spill.

This is a quality piece of legislation and I look forward to passage of this bill.

Signed: Cuddy
 Testifier

Representing (Optional)
Box 1406 Seward Ak 99664
 Address
224 5470
 Phone No.



Alaska State Legislature

Please enter into the record my testimony to the Senate Finance
committee name
 committee on SB 183 , dated 4-16-93
bill/subject

I support Senate Bill 183, I truly feel that the Alaska SeaLife Center will definitely provide the research needed to sustain the species of fish we need to protect and to help complete the rehab of the 'citties-of-the-sea', a true economic impact for the state of Alaska.

Signed: Alvin D. Wilay
Testifier
self
Representing (Optional)
P.O. B. 618 - Seward, AK 99664
Address
(907) 224-5563
Phone No.



Alaska State Legislature

Please enter into the record my testimony to the Senate Finance
committee name

committee on Senet Bill 183, dated 4-16-93
bill/subject

I support the Bill As I Feel
it would BENEFIT The STATE OF Alaska
As

Signed: Pauline M. Long
Testifier

Representing (Optional)
P.O. Box 1187 213 3rd Ave Seward, AK
Address
(907) 224 3415
Phone No.



Alaska State Legislature

Please enter into the record my testimony to the Finance Committee
committee name
committee on 183 , dated 4-16-93
bill/subject

I support senate bill 183.
Seward is the most logical
place for a facility such as
this. It would benefit not only
Seward but the state of Alaska
itself!

Signed: Steve O. Lemme
Testifier

Representing (Optional)

Seward, Ak. 99664
Address

Address

907-224-3419
Phone No.

Phone No.



Alaska State Legislature

Please enter into the record my testimony to the Finance Committee
committee name

committee on Senate Bill 183 dated 4-16-93
bill/subject

Bill 183 would be a terrific shot in the
arm for Seward & the State of Alaska.
It would also show that the State of
Alaska has a true commitment to
the well being of its waters.

Signed: John R. Reed
Testifier

Representing (Optional)

PO Box 933

Address

224-3836

Phone No.



Alaska State Legislature

Please enter into the record my testimony to the FINANCE COMMITTEE
committee name
committee on SENATE BILL 183 dated APRIL 16, 1993
bill/subject

THE IMPACT THAT THE S.A.A.M.S.
PROJECT WILL HAVE ON SEWARD
AND ALASKA WILL GO FAR BEYOND
MONETARY RETURNS, (DIRECT AND
INDIRECT).

PLEASE GIVE THIS FULL SUPPORT NOW.

Signed: Art Broderson

Testifier
BRODERSON STUDIO

Representing (Optional)
BOX 630 SEWARD AK 99664

Address
(907) 224-5448

Phone No.

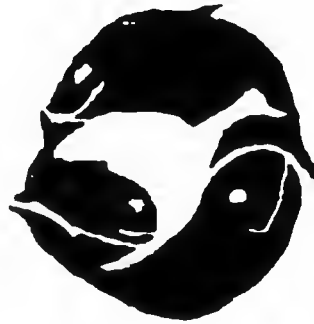
Senate Bill 183
Section 2

Alaska Sealife Center \$12,500,000

One of the beneficial results of the oil spill has been a dramatic advancement in our understanding of the marine biology of north Pacific and subarctic waters and the impacts of spilled oil on the marine environment. While this research to date has been largely a function of the extensive scientific studies undertaken by the State and United States, we are just now beginning to gain access to the scientific work by the private litigants and expect eventually to have access to the work by EXXON. Through the restoration process the Trustee Council continues to expand this body of work. As a result of all of these oil spill related activities, Alaska has become a leading center for this type of study.

As a world class research institute and aquarium the Alaska Sealife Center will ensure that Alaska will continue to be the world leaders in these areas. The benefits to Alaska of that leadership role are substantial. They include the economic benefits of a scientific institute and of a marine aquarium, and the favorable environmental impact that will spring from the increased knowledge and ongoing study of marine resources.

Seward is the appropriate location for this facility. It is in the geographic center of the oil spill area and has the necessary road and air access to Anchorage to attract top flight scientists. The community has been working on this project for many years and is well along in its planning, including identification of a site for the facility as well as design plans and feasibility work.



UNIQUE FEATURES OF THE ALASKA SeaLife CENTER

● This will be the first facility of its kind that was designed from its beginning to blend marine mammal and seabird rehabilitation, research and public education into a cohesive and self supporting program.

● The income from the public education portion of the SeaLife Center will support the research and rehabilitation sections so the core program will not be dependent on state or federal funds or foundation grants.

● The research and rehabilitation facility will be open to researchers from any accredited institution or agency.

● There are no other facilities north of Santa Cruz California designed to hold live marine mammals for study.

● There are 22 sea mammal and sea bird rookeries close to the Seward site which makes combined laboratory and field studies feasible.



ALASKA SeaLife CENTER

Research

The SeaLife Center will have research facilities for scientists from any accredited agency interested in the general biology of marine mammals and sea birds. Staff researchers will interact with colleagues from a number of organizations throughout the world. Issues such as declining numbers of sea lions, seals and marine birds, effects of oil pollution and interactions between fisheries and sea life will be the type of material explored. The first laboratory based projects by the SeaLife Center's research team will focus on nutritional needs, diseases, parasitism and causes of mortality in sea lion and murres both of which are common near Seward. Laboratory studies will cooperate with field studies on population fluctuation and causes of mortality. As the sea lion and murres studies progress, they will be expanded to include harbor seal and kittiwake biology.

Support for the Research portion of the SeaLife Center will be from overhead charges to scientist using the facility. Tank and laboratory use fees, and animal maintenance fees are examples of these type charges. Grants will also be obtained from various state, federal and private sources to study specific scientific problems. Except for the use fees, these funds will be strictly applied to their specific study area.

Rehabilitation

The main objective of the rehabilitation effort is to provide a permanent and adequate place where injured or oiled marine mammals and sea birds can be cared for until they are fit for release. Currently there are about 100 marine mammals delivered to Anchorage's Alpine Veterinary clinic annually for rehabilitation. An additional 300 to 600 injured marine mammals are reported each year but not brought in for rehabilitation because there isn't a facility in which to hold them. Animals that can not be rehabilitated for release will be placed in public education portion of SeaLife Center where they can be well cared for. Several foundations exist that would provide funding support to a proper rehabilitation facility.

Education

The live animal exhibits of sea lions, sea otters, seals, alcids and other marine birds, fishes and invertebrates will create a distinctive attraction to encourage a large number of visitors to the Center annually. The Center will use this opportunity to convey its message of environmental stewardship through dramatic encounters with animals in habitat settings. Interpretive and interactive displays will reinforce this message.

The Center will also foster an interest in science by conducting specialized tours for school children. Videos, lectures and "hands on" type classes, geared to specific age groups, will promote a "science is fun and interesting" philosophy. There are over 60,000 secondary and grade school student within a three hour drive of the Center.

Seward Association for the Advancement of Marine Science (SAAMS)

PO Box 1329, Seward, Alaska 99664 Telephone (907) 224-3090 Fax (907) 224-3292

ALASKA *SeaLife* CENTER**TABLE OF CONTENTS****Executive Summary**

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ALASKA SeaLife CENTER

Executive Summary

The Alaska SeaLife Center will be a financially self supporting facility dedicated to marine science research, rehabilitation and public education. The public education portion of the Center's mission will provide the funds to support the core research and rehabilitation programs. To meet this self supporting goal, 300,000 visitors per year are required. The initial feasibility into this project indicates that an annual attendance in excess of 400,000 can be reasonably expected.

The Center will operate year round under a Director who will be responsible to a Board of Directors. The Center will be a not for profit corporation that returns all excess revenues back into the operation. The City of Seward has donated 10.5 acres of waterfront property for use of the Center. A nonprofit organization called the Seward Association for the Advancement of Marine Science (SAAMS) is the facilitator of this project. Once the project is complete, SAAMS only input to the operations is via a single seat on the Board of Directors.

SAAMS has hired an internationally recognized aquarium design firm, Cambridge Seven Associates, to head this project. This firm has built several successful such attractions throughout the world. Based on the initial design, construction costs for the Center is \$46.3 million. Operating costs for an attendance of 450,000 per year is \$4.6 million per annum. If funding plans materialize, the Center could open in May 1996.

Alaska's abundant marine resources demand such a Center. Rapidly declining populations of certain marine mammals and seabirds have resulted in several being placed on the threatened species list. Should these become endangered species, a severe impact on our fishing and tourist industries will result. Despite this threat, there is no facility where these animals can be held in their natural environment for long term studies that will help explain why these populations are declining. In fact no facility exists to even hold them north of Santa Cruz, California. Additionally, Alaska lacks any facility to hold and treat large marine mammals that are injured, stranded or stressed by some other means. Approximately 300 to 600 such animals are reported each year. Because of a lack of holding facilities, these animals remain untreated and invariably die. The Alaska SeaLife Center will correct these shortcomings. It offers a unique opportunity for the State to become a leader in marine research and rehabilitation.

ALASKA SeaLife Center

I. INTRODUCTION

A. Statement of Purpose: The Alaska SeaLife Center will be a financially self supporting facility. It will provide a balanced union between marine research, marine mammal and sea-bird rehabilitation, and educational exhibits of live Alaskan marine animals. It will be dedicated to understanding and preserving the Alaska marine ecosystem, and to conveying to the public, through dramatic encounters of animals in their natural habitat and educational programs, its responsibility for environmental stewardship.

B. Scope of the Plan: The Alaska SeaLife Center will be a world class research, rehabilitation and public education facility. It will resolve several short falls that currently exist in the protection and understanding of Alaska's rich marine environment. Specifically the Center will address;

Research

The Center will have research facilities for scientists from any accredited agency interested in the general biology of marine mammals and sea birds. Currently there are no other facilities in the north Pacific region built to do research on large marine mammals. Funds from the Center public education program will support a permanent staff including a marine veterinary, marine mammal and sea bird specialists and a marine ecologist. These staff researchers will interact with colleagues from a number of organizations throughout the world. Issues such as declining numbers of sea lions, seals and marine birds, effects of oil pollution and interactions between fisheries and sea life will be the type of material explored. The first laboratory based projects by the Center research team will focus on nutritional needs, diseases, parasitism and causes of mortality in sea lion and murre both of which are common near Seward. Laboratory studies will cooperate with field studies on population fluctuation and causes of mortality. As the sea lion and murre studies progress they will be expanded to include harbor seal and kittiwake biology.

Rehabilitation

The main objective of the rehabilitation effort is to provide a permanent and adequate place where injured or oiled marine mammals and sea birds can be cared for until they are fit for release. Currently there are about 100 marine mammals delivered to the Alpine Veterinary clinic annual for rehabilitation. An additional 300 to 600 injured marine mammals are reported each year but not brought in for rehabilitation because there isn't a facility in which to hold them. Animals that can not be rehabilitated for release will be placed in public education portion of Center where they can be well cared for. Several foundations exist that would provide funding to support a proper rehabilitation facility.

Education. The live animal exhibits of sea lions, sea otters, seals, alcids and other marine birds, fishes and invertebrates will create a distinctive attraction to encourage a large number of visitors to the Center annually. The animals in these exhibits will be those from the rehabilitation program that would not survive if released. The Center will use this opportunity to convey its message of environmental stewardship through dramatic encounters with animals in habitat settings. Interpretive and interactive displays will reinforce this message.

The Center will also foster an interest in science by conducting specialized tours for school children. Videos, lectures and "hands on" type classes, geared to specific age groups will promote a "science is fun and interesting" philosophy. There are over 60,000 secondary and grade school students within a three hour drive of the Center.

ALASKA *SeaLife* CENTER

II. INITIAL FEASIBILITY

A. Opportunity: The State of Alaska with its enormous sea coast and rich marine resources is highly dependent on its marine environment for its economic well being. Its fishery industry and, to a large extent, its tourist industry rely on this environment for their livelihood. Despite its dependency on this resource, research and understanding of this environment is sorely lacking. Today several marine mammal and seabird populations are drastically declining and are now on the threatened species list. Despite this alarming trend, there is no facility in the Pacific Northwest where these species can be held for long term studies. In fact no facility exists where these animals can be held in their natural environment. As a result research into the reason for the population decline is lacking. Should this trend continue and these species become endangered, both the fishing and tourist industry will be greatly curtailed by subsequent protective legislation.

The continuing growth of the tourist industry in Alaska is a direct result of the Alaskan rich scenic and wildlife environment. This interest presents a unique opportunity to construct a marine center that is dedicated to marine research, rehabilitation and public education. The establishment of a world class center that will attract a large annual visitor population can become self sustaining. The public portion of the facility can recover the full operating costs of the center, thereby eliminating the need for state, federal or other sources for operating funds. The public interest in these type centers is growing. Those currently in existence are attracting visitors at over 50% of their initial estimate. All are profit making ventures.

Seward is the ideal location for such an attraction. It is located within easy driving distance of Anchorage, the State's major population and transportation center. It is connected to Anchorage by road and rail both of which offer a dramatic scenic route. Seward already has a research facility that is operated by the University of Alaska Fairbanks oceanographic research arm, the Institute of Marine Science. This Institute is one of the top ten oceanographic institutes in the United States. Therefore, a resident pool of scientist already exist who would use the *SeaLife* Center's capabilities. Seward is within a four hour boat ride of 22 sea mammal and seabird rookeries that would allow both field and laboratory studies to easily coexist. Seward lies on the habitat boundary for north Pacific and sub-Arctic mammals, therefore both can exist at this locale. Seward's fjord type bay also allows the high quality sea water needed by a sea life center to be easily obtained. The current research center located in Seward draws its sea water from over 270 feet in depth. This provides clean, unpolluted and year round cold water that can support not only north Pacific and sub-Arctic sea life but also some Arctic sea life and fauna. This is an extremely rare capability. Additionally, Seward the major port of call for tourist ships visiting the south central Alaska area.

All these factors contribute to a unique opportunity that will allow a successful, self supporting marine attraction to be operated that will produce sufficient revenue to support the core programs of marine research, rehabilitation and public education.

B. Methodology

The Seward Association for the Advancement of Marine Sciences (SAAMS) was formed to act as the project facilitator. This non-profit corporation, licensed under State of Alaska law, consists of prominent Alaska citizens who have an interest in furthering the scientific study and understanding of the marine environment. SAAMS outlined its plan to the Seward city council and received not only its support for this project but also a donation of 10.5 acres of water front property for the Center's location.

ALASKA *SeaLife* CENTER

In conducting the initial feasibility study for the SeaLife Center, Cambridge Seven Associates was contracted by SAAMS to develop an overall plan, architectural concept, project identity, and estimated construction and operating costs. This firm is one of the foremost designers and consultants for this type facility. They have constructed the New England Aquarium in Boston, the National Aquarium in Baltimore, the Osaka Aquarium in Japan and the Tennessee Aquarium in Chattanooga. They have built several others in Europe. Their experience and insight into the operations and cost of this type facility was a critically needed expertise. Other aquariums were contacted and visited to identify their problems, revenue sources and success. These included the Tennessee Aquarium, the Seattle Aquarium, the Osaka Aquarium, the Baltimore Aquarium and the Monterey Aquarium.

Various tourist marketing firms were interviewed to determine if such an attraction in Seward could become a tourist destination. Various business bureaus, national parks, city chamber of commerce were polled to determine their visitor counts. The Department of Education in Kenai, Anchorage and Matsu districts were polled to determine the kindergarten through grade 12 enrollment and interest in such a Center as an educational tool. These sources provided information concerning the potential visitor population that the Center would draw upon.

From these sources, the following information was obtained;

158,700 people visited the Kenai Fjords National Park in 1992. Visitors to this park have been growing at over 23% per annum over the past three years.

Over 1.5 million visitors passed through Anchorage in 1992. Portage Glacier National Park received over 500,000 visitors in 1992. The City of Seward's Chamber of Commerce received 210,000 visitors in 1992.

Cruise ship passengers visiting Seward will reach 196,000 in 1996. 72 percent of the Anchorage area residents visit the Kenai Peninsula once a year and 53 percent of them visit the Peninsula four or five times each year.

Based on predictions from the tourist industry and tourist marketing researchers, the Center can expect to draw over 400,000 visitors annually.

Over 60,000 kindergarten through high school students live within three hours drive from Seward.

Operating aquariums report that the profits from their retail store pays 30% of their operating costs.

All aquariums surveyed are operating at a profit.

All aquariums surveyed underestimated attendance by approximately 50% in their original feasibility study.

ALASKA *SeaLife* CENTER

C. ASSUMPTIONS

The formal economic, geotechnical and demographic study is currently being done and will be completed by 1 August 1993. Its purpose is to validate the initial findings and assumptions outlined above. This study will determine the Center's resident area population, the current and projected tourist population and the Center's penetration into this market. An operation analysis will then be performed to determine the economic feasibility of the Center.

Until the formal feasibility is completed the following assumptions remain invalidated;

-The Center will operate year round and will attract the following visitor profile.

Anchorage Visitor Population Attracted (20%)	300,000
Resident School Population Attracted (20%)	12,000
Cruise Ship Visitors Attracted (40%)	78,400
Resident Population Attracted (20%)	76,000
TOTAL ANNUAL VISITORS	466,000

-The Center's retail store will generate at least 20% of the revenue needed to operate.

-The public revenue sector of the Center must support all facility operating cost. Funds received from the research and rehabilitation programs will not be relied upon to meet annual operating costs.

-Ticket prices should not exceed \$10.00 per person.

D. ECONOMIC FEASIBILITY

Cambridge Seven Associates has developed operating costs from similar sized aquariums. These costs were adjusted for the Alaska market and projected to support an attendance of 300,000 and 450,000 per annum. See section III for details. The figures below tests the Center's economic feasibility based on the assumptions outlined above.

	Annual Attendance	
	300,000	450,000
Total Operating Costs	\$3,981,985	\$4,635,040
Less Retail Store Revenue (20%)	<796,397>	<927,008>
Gate Receipts Required	\$3,185,588	\$3,708,035

Ticket Price Required Per Person	\$10.62	\$8.25
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To maintain a ticket price of \$10.00 per person an annual gate attendance of at least 318,559 is required. This assumes no funds are received to support the research and rehabilitation programs associated with the SeaLife Center. If the assumptions are correct, the Alaska SeaLife Center is economically feasible. The formal feasibility currently being performed will validate these assumptions. A conservative approach was taken in conducting this initial feasibility study.

ALASKA *SeaLife* CENTER

E. Market Analysis

Discussions with the cruise line industry indicates that it would welcome an attraction such as the Alaska SeaLife Center as part of their tour offering to Seward visitors. It would ensure passengers would see many of animals that they anticipate seeing in Alaska regardless of the weather. The shore based tour industry indicates that Seward is the ideal one day tour from Anchorage and a destination like the SeaLife Center would be a very salable package. They also state that the Seward, Kenai Peninsula and Prince William Sound area provides an excellent several day tour package because it offers several transportation alternatives that eliminates backtracking over the same route when returning to Anchorage.

The Alaska Railroad also sees the Center providing an attractive tour package for their rail system. The tourist industry felt a 400,000 plus annual attendance at the Center was very reasonable.

F. Competitive Analysis

While there is no attraction similar to the Alaska SeaLife Center in Alaska or British Columbia, Canada, there are competitors for the tourist market. The Imaginarium and zoo in Anchorage are the most similar facilities now operating near Seward. The former is very small and lacks salt water holding capacity. The zoo stresses land mammals. The major tourist competitor to the Center is believed to be Denali National Park. This attraction is a major tourist draw that provides scenic beauty and land animals in their natural habitat. The SeaLife Center will attract those tourist interested in sea life and will be the major such attraction in the State. While Denali Park and the Center will partially be competitors, each stresses a different ecology. Additionally, the Kenai Peninsula now draws sufficient visitors annually to support the Center. Other than its excellent fishing and camping attraction, the Peninsula lacks a definite destination point for tourists. The Center will fill this void and become a focal point for both current Peninsula visitors and draw additional visitors. Appropriately packaged tours will increase tourism throughout the area.

Experience at established aquariums shows they easily attract the visitation population needed to be self supporting. Each has underestimated its annual attendance by an approximate 50% average. See appendix B for a recent article from Science Technology that discusses the success of these facilities. All indications show that these facilities attract a large crowd and have a high rate of repeat visitors. The current Alaska visitor population can support such a Center if the facility has good access to Anchorage, the State's major population and tourist arrival center. Seward's road and rail connection, and its close proximity to Anchorage meets this criteria.

ALASKA SeaLife CENTER**III. FINANCIAL and IMPLEMENTATION PLAN****A. Project Phases and Costs:**

Planned Phases	Cost/Phase (Total Cost)
Phase I: Project Identity, Master Plan and Economic Evaluation	\$205,000 <i>(\$205,000)</i>
-Graphics Identity Package (Completed)	
-Poster Development and Printing (Completed)	
-Project Description Booklet (Completed)	
-Master Plan & Economic Evaluation Study (<i>In Progress</i>)	
Phase II: Preconstruction & Fund Raising	\$2,072,000 <i>(\$2,277,000)</i>
-Programming & Schematic Design (\$600K)	
-Design Development (Building & Exhibits-\$1,345.5K)	
-Fund Raising Phase I- Staff(1.5), Membership Drive(\$76.5K)	
-Miscellaneous Expenses - Legal/Acct. Fees, Advertising, Postage, etc. (\$50.0K)	
Phase III: Site Development and Fund Raising	\$10,207,000 <i>(\$12,484,000)</i>
-Design Development (continued)- (\$1,840.5K)	
-Site Preparation Construction- (\$3,469.5K)	
-Fund Raising Phase II- Staff(2.5), Grant Writing, etc.(\$92.0K)	
-Aquarium Acrylic Panels & Rookery Concrete Work Startup(\$4,700.5K)	
-Miscellaneous Expenses- Travel, Legal Fees, Advertising, Postage, etc. (\$104.5K)	
Phase IV: Construction	\$33,800,500 <i>(\$46,284,500)</i>
-Architectural and Structural (\$19,300.5K)	
-Life Support System (\$4,000K)	
-Exhibit Preparation (\$5,000K)	
-MEP, FP, Security (\$2,850K)	
-Start Up Costs (\$2,650K)	
TOTAL PROJECT COSTS	\$46,284,500
Less Funds Already Expended	< \$205,000 >
Total Funds Required	\$46,079,500

See Appendix C for a detailed Project Schedule, Plan and Cash Flow

ALASKA *SeaLife* CENTER

D. Funding Plan: To fund the construction of the Alaska SeaLife Center, state, federal, and private foundations and organizations will be approached for assistance. To date proposals have been submitted for funding assistance from the State's portion of the EXXON Valdez criminal settlement fund and also to the EXXON Valdez trustee council. Other funding sources that will be applied to are;

Private Corporations
 British Petroleum Corp.
 ARCO Corp.
 EXXON Corp.
 Alaska Native Corporations
 Fred Meyer Inc.
 Alaska Airlines
 Princess Tour Lines
 Various Other Alaska Corporations

Rehabilitation Funding Sources
 World Wildlife Fund
 Scripps Foundation
 Morris Animal Foundation
 Jacques Cousteau Foundation
 Greenpeace
 Cedam International

Science & Philanthropic Foundations
 Rockefeller Foundation
 Pratt Foundation
 Kellogg Foundation
 Hewlett Packard Foundation
 National Science Foundation
 Shuman Foundation
 Mott Foundation
 Merdock Foundation
 Fred Meyer Foundation
 Pew Charitable Trust
 Charles Engelhard Foundation
 American Conservation
 Association
 Needmore Fund
 MacArthur Foundation

E. Funding Strategy Current plans are to obtain construction funds from the below sources. This strategy will be modified based on actual funding receipts.

State of Alaska EXXON Valdez Criminal Settlement	\$12,500,000
EXXON Valdez Trustee Council	25,000,000
Scientific/Philanthropic Foundations	7,000,000
Rehabilitation Foundations	2,000,000
Private Industry	1,500,000
<i>Total Funding Goal</i>	<i>\$48,000,000</i>

ALASKA *SeaLife* CENTER

IV. BUSINESS ORGANIZATION

A. Business Form. The Alaska SeaLife Center will be a not for profit corporation. A Board of Directors will oversee the operation of the Center and establish policy. The Board will consist of business leaders, university scientists, a municipality representative, and State and Federal officials who have an interest in the marine environment. The Seward Association for the Advancement of Marine Science (SAAMS) will retain a single seat on the board. This nonprofit, unincorporated association, which acted as the project facilitator, will have no control over the Center other than through its single seat on the Board.

As a not for profit organization, all excess revenues collected by the Center will be used to maintain and support the Center's three objectives of marine research, rehabilitation and public education. Ownership of the facility will be retained by the corporation and ownership of the land on which the Center is located will be retained by the City of Seward.

Daily operations of the Center will be turned over to a Director, who is responsible to the Board of Directors. The director will oversee the management of the Center, its staff and animals. He will be responsible to run the Center in a cost effective, profitable manner. He will be supported by a medical, scientific and maintenance staff of initially 31 people and a maximum of 45 persons when the Center reaches maximum utilization. See the appendix D for the Center's organizational chart.

V. MARKETING

A. Objectives:

The Center's marketing strategy has two objectives. The first is to attract sufficient visitors each year to insure its financial soundness. To insure this success, a goal of 400,000 to 425,000 visitors per year has been established. The second and equally important objective is to create a world class rehabilitation and research facility specializing in marine mammals and birds.

B. Strategies and Tactics:

Public Attendance To reach its attendance goal, the Center will advertise nationally and State wide. A ticket pricing strategy will be implemented that will attract the resident and resident school populations during the non-tourist season. Special programs aimed at specific age groups will be implemented to deliver the Center's environmental message and also foster an interest in science among the young. Cruise lines, tour groups and the railroad will be approached to provide packaged tours.

A membership drive will be instituted for annual and lifetime members that will allow unlimited visits to the Center. A monthly news publication will be issued to members that will advise them of the Center's activity and maintain their interest. Special interest groups such as "Friends of the Sea Otter" will also be established for those interested in specific species or rehabilitation efforts.

The Center in conjunction with local businesses will host small seminars for businesses and associations which will include tours of the Center during free periods.

ALASKA *SeaLife* CENTER

Research and Rehabilitation. The Center will create three endowed chairs to insure a stable scientific core. These chairs will be filled by a marine mammal veterinary, a marine biologist specializing in marine mammals, and an ornithologist specializing in seabirds. These together with the Center's trained medical staff will be solid foundation upon which to build the research and rehabilitation programs. The Center will also have a visiting science program. These scientist will be supported by research grants and be charged minimal fees for facility use. The resident core scientists plus the Center's unique location and ability to hold large mammals will attract other scientists. Grant money to study specific marine topics will be applied for from foundations dedicated marine and mammal science. The successes and progress associated with these areas will be published in the Center's monthly journal. Since the public attraction portion of the Center will support the daily operating costs for research and rehabilitation, revenues derived from these sources will be used insure the Center progressively changes and remains modern.

APPENDIX A

SAAMS Organization

Organizational Information

Mailing Address: *Seward Association for the Advancement of Marine Science
PO Box 1329
Seward, AK 99664-1329*

Telephone Number: *(907) 224-3080*

Facsimile Number: *(907) 224-3392*

IRS Tax Exempt No.: *92-0123479*

Contacts: *Mr. Willard E. Dunham
(907) 224-5623*

*Ms. Sharon Anderson
(907) 224-5506*

*Dr. A. J. Paul (Scientific Advisor)
(907) 224-5261*

*Mr. Thomas D. Smith
(907) 224-5261*

Seward Association for the Advancement of Marine Science (SAAMS)

Purpose:

To undertake projects that will enhance the understanding of the Alaska marine ecology, its fishes, mammals and sea birds and to support other scientific studies, organizations and projects whose goal is to also further our understanding of the Alaska marine ecology.

Organization:

SAAMS is a private, non-profit organization composed of private individuals whose goal is to advance marine science knowledge in the state of Alaska. SAAMS projects are intended to assist non-profit, public service science organizations such as the Institute of Marine Science and the School of Fisheries and Ocean Sciences of the University of Alaska Fairbanks. It is important to understand that SAAMS does not engage directly in research but undertakes projects that facilitate marine science.

Current Project:

SAAMS has undertaken the development of a marine mammal facility to be located in Seward, Alaska. This facility, the Alaska Sea Life Center, will provide mammal exhibits for public viewing, provide public education on the Alaskan marine ecosystem, support scientific research of marine mammals, and provide support to rehabilitate stranded and stressed marine mammals and birds.

Organizational Relationship:

SAAMS is the project director and fund raising arm of the Alaska Sea Life Center. It will steer the project through completion with the technical assistance of design and management consultants. SAAMS will maintain oversight of the Center through an appointed Board of Directors who represent the business, academic, scientific, Alaska Native and rehabilitation communities. The Center's Board will be charged with insuring that three missions - education, science and rehabilitation - are being met and that scientific findings are presented to the public in a balanced manner. Daily operations of the Center will be through a facilities director who will be advised by a scientific and technical committee comprised of experts in each of the Center's three missions.

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Board of Directors

Chairman - Willard E. Dunham

Willard E. Dunham, retired manager of the Seward Job Services Office in Seward. Dunham is active in various local civic activities and is currently serving as Chairman of the Seward Trade Board. He is a member of the Alaska State Chamber of Commerce, served as co-chairman of the Spring Creek Prison Location Task Force, is Chairman of the Seward Fish and Game Advisory Board and a member of the Kenai Peninsula Borough Vocational Education Committee. Mr. Dunham is the owner of the Print Shop and Seward Secretarial Service and a partner in DLK Enterprises.

Vice Chairman - Karen Swartz

Karen Swartz, retired Managing Editor of the Seward Phoenix Log and a member of the Seward City Council. Swartz previously served on the City Council for a total of six years. She was formerly the Director of the Mount Marathon Outreach Office, a member of Alaska Presswomen Association and a member of the Seward Harbor Commission.

Secretary - Carol Ann Lindsey

Carol Ann Lindsey, secretary/treasurer of Harbor Enterprises.

Treasurer - Sharon Anderson

Sharon Anderson, secretary/treasurer of Anderson Tug and Barge Company. Anderson is active in many local and civic organizations and is a former member of the Seward Trade Board. She is currently a member of the Seward Port Development Committee, a member of the Resource Development Council of Alaska, the Director of the Defense Orientation Conference Association, a life member of the Navy League and is the current chairman of Seward United Way.

Boardmembers: **John C. (Andy) Anderson**
*President, Anderson Tug and Barge
Life Member, Navy League*

Michael Brown
Chairman, Chugach Alaska Corporation Board of Directors

Board Members (Continued)**William C. (Bill) Noll**

Former Deputy Commissioner, Alaska Department of Commerce, Office of International Trade

Former Vice President, Suneel Alaska Corporation

Former Mayor, City of Seward

Tyler Jones

City Manager, City of Seward

Former Transportation Projects Director, Anchorage Economic Development Corporation

Former Port Director, Port of Anchorage

Darryl Schaefermeyer

Former City Manager, City of Seward

Former Staff Assistant, U. S. Senator Ted Stevens

Former member, Kenai Peninsula Borough Assembly

Member, International City Managers Association

Founding Member, Seward Rotary Club, Club President, 1986-87

Jack Scoby

Member, Seward Port Development Committee

Principal, Kenai Fjords Tours, Inc.

Ex-Officio Board Members

Lee McAnemey, Board Member Emeritus
Founding Charter Member, Seward Association for the Advancement of Marine Science
Former Councilmember and Mayor, City of Seward
Board Member, Resource Development Council of Alaska
Board Member, Alaska Industrial Development Authority
Board Member, Alaska Municipal Bond Bank

Dr. Michael Castellini
Professor, University of Alaska Fairbanks

Joan K. Wadlow
Chancellor, University of Alaska Fairbanks

Donald F. Behrend
Chancellor, University of Alaska Anchorage

Jerome Komisar
President, University of Alaska

Dr. Michael Castellini
Professor, University of Alaska Fairbanks
Scientific Advisor

The Honorable Jay Hammond
Former Governor, State of Alaska

Dr. Joyce Murphy
Animal Rehabilitation Advisor

Ex-Officio Board Members (Continued)

Ms. Linda Murphy, CMC/AAE
City Clerk, City of Seward
Board of Directors, International Institute of Municipal Clerks
Administrative Advisor

Dr. A. J. Paul
Professor, University of Alaska Fairbanks
Scientific Advisor

Captain Thomas D. Smith, U. S. Coast Guard (Ret.)
Assistant Director for Coastal and Marine Operations, University of Alaska Fairbanks
Facilities Advisor

Mr. Everett P. Diener
Manager of Engineering & Utilities, City of Seward
Technical Planning Advisor

Mr. David Cline
Audobon Society, Anchorage

Mr. Richard Barnes
President, ENSTAR Commonwealth North

Seward Association for Advancement of Marine Science

**Articles of Incorporation
and
Bylaws**

THE CORPORATION SHALL HAVE PERPETUAL SUCCESSION.

III.

The corporation is organized for any lawful purpose, including, but not limited to, educational, social, cultural purposes including marine research, public education, and providing educational and scientific programs, and any other lawful purpose or endeavor permitted under the laws of the State of Alaska to non-profit corporations incorporated under Alaska Statute 10.20.

IV.

The address of the initial registered office shall be 1127 West 7th Avenue, Anchorage, AK 99501, and the name of its initial registered agent shall be Suzanne Cherot.

SECTION 4. Ex-officio Members. The Board of Directors shall have the authority to appoint honorary members to the Board of Directors, which shall be ex-officio members of the Board.

SECTION 5. Dues. Each member of the Board shall be required to pay the sum of \$100.00 annually to the corporation.

SECTION 6. Regular Meetings. A regular meeting of the Board of Directors shall be held without other notice than these Bylaws immediately after, and at the same place as, the annual meeting of members. The Board of Directors may provide, by resolution, the time and place, either within or without the State of Alaska, for the holding of additional regular meetings without other notice than such resolution.

SECTION 7. Special Meetings. Special meetings of the Board of Directors may be called by or at the request of the President or any two directors. The person or persons authorized to call special meetings of the Board may fix any place, either within or without the State of Alaska, as the place for holding any special meeting of the Board called by them.

SECTION 8. Notice. Notice of any special meeting of the Board of Directors shall be given at least two days previously thereto by written notice delivered personally or sent by mail or telegram to each director at his address as shown by the records of the Corporation. If mailed, such notice shall be deemed to be delivered when deposited in the United States mail in a sealed envelope so addressed, with postage thereon prepaid. If notice be given by telegram, such notice shall be deemed to be delivered when the telegram is delivered to the telegraph company. Any director may waive notice of any meeting. The attendance of a director at any meeting shall constitute a waiver of notice of such meeting, except where a director attends a meeting for the express purpose of objecting to the transaction of any business because the meeting is not lawfully called or convened. Neither the business to be transacted at, nor the purpose of, any regular or special meeting of the Board need be specified in the notice or waiver of notice of such meeting, unless specifically required by law or by these Bylaws.

SECTION 9. Quorum. A majority of the Board of Directors shall constitute a quorum for the transaction of business at any meeting of the Board; but if less than a majority of the directors are present at said meeting, a majority of the directors present may adjourn the meeting from time to time without further notice.

SECTION 10. Manner of Acting. The act of a majority of the directors present at meeting at which a quorum is present shall be

SECTION 3. Removal. Any officer elected or appointed by the Board of Directors may be removed by the Board of Directors whenever in its judgment the best interest of the Corporation would be served thereby, but such removal shall be without prejudice to the contract rights, if any, of the officer so removed.

SECTION 4. Vacancies. A vacancy in any office because of death, resignation, removal, disqualification or otherwise, may be filled by the Board of Directors for the unexpired portion of the term.

SECTION 5. President. The President shall be the principal executive officer of the Corporation and shall in general supervise and control all of the business and affairs of the Corporation. The President shall preside at all meetings of the members and of the Board of Directors. The President may sign, with the Secretary or any other proper officer of the Corporation authorized by the Board of Directors, any deeds, mortgages, bonds, contracts or other instruments which the Board of Directors has authorized to be executed, except in cases where the signing and execution thereof shall be expressly delegated by the Board of Directors or by these By-Laws or by statute to some other officer or agent of the corporation; and in general the President shall perform all duties incident to the office of President and such other duties as may be prescribed by the Board of Directors from time to time.

SECTION 6. Vice President. In the absence of the President or in event of the President's inability or refusal to act, the Vice President (or in the event there be more than one Vice President, the Vice Presidents in the order of their election) shall perform the duties of the President, and when so acting, shall have all the powers of and be subject to all the restrictions upon the President. Any Vice President shall perform such other duties as from time to time may be assigned to the Vice President by the President or by the Board of Directors.

SECTION 7. Secretary. The Secretary shall keep the minutes of the meetings of the members and of the Board of Directors in one or more books provided for that purpose; see that all notices are duly given in accordance with the provisions of these By-Laws or as required by law; be custodian of the corporate records and of the seal of the Corporation and see that the seal of the Corporation is affixed to all documents, the execution of which on behalf of the Corporation under its seal is duly authorized; keep a register of the post office address of each member which shall be furnished to the Secretary by such member; and in general perform all duties incident to the office of Secretary and such other duties as from time to time may be assigned to the Secretary by the President or by the Board of Directors.

SECTION 2. Other Committees. Other committees not having and exercising the authority of the Board of Directors in the management of the corporation may be designated by a resolution adopted by a majority of the directors present at a meeting at which a quorum is present. Except as otherwise provided in such resolution, members of each such committee shall be members of the corporation, and the president of the corporation shall appoint the members thereof. Any member thereof may be removed by the person or persons authorized to appoint such member whenever in their judgment the best interest of the corporation shall be served by such removal.

SECTION 3. Term of Office. Each member of a committee shall continue as such until the next annual meeting of the members of the corporation and until the member's successor is appointed, unless the committee shall be sooner terminated, or unless such member be removed from such committee, or unless such member shall cease to qualify as a member thereof.

SECTION 4. Chairman. One member of each committee shall be appointed chairman by the person or persons authorized to appoint the members thereof.

SECTION 5. Vacancies. Vacancies in the membership of any committee may be filled by appointments made in the same manner as provided in the case of the original appointments.

SECTION 6. QUORUM. Unless otherwise provided in the resolution of the Board of Directors designating a committee, a majority of the whole committee shall constitute a quorum and the act of a majority of the members present at a meeting at which a quorum is present shall be the act of the committee.

SECTION 7. Rules. Each committee may adopt rules for its own government not inconsistent with these Bylaws or with rules adopted by the Board of Directors.

ARTICLE V. CONTRACTS, LOANS, CHECKS AND DEPOSITS

SECTION 1. Contracts. The Board of Directors may authorize any officer or officers, agent or agents of the Corporation, in addition to the officers so authorized by these Bylaws, to enter into any contract or execute and deliver any instrument in the name of and on behalf of the Corporation, and such authority may be general or confined to specific instances.

SECTION 2. Checks, Drafts, Etc. All checks, drafts or other orders for the payment of money, notes or other evidences of indebtedness issued in the name of the Corporation, shall be signed by such officer or officers, agent or agents of the Corporation and

APR- 8-93 THU 17:06 CITY OF SEWARD
INTERNAL REVENUE SERVICE
DISTRICT DIRECTOR
2 CUPANIA CIRCLE
MONTEREY PARK, CA 91754

FAX NO. 9072243248

P.21

DEPARTMENT OF THE TREASURY

Date: JUL. 25, 1991

SEWARD ASSOCIATION FOR THE
ADVANCEMENT OF MARINE SCIENCE
P O BOX 730
SEWARD, AK 99664

Employer Identification Number:
92-0132479
Case Number:
951114007
Contact Person:
TYRONE THOMAS
Contact Telephone Number:
(213) 725-6753

Accounting Period Ending:
December 31
Foundation Status Classification:
See Attached
Advance Ruling Period Begins:
Feb, 9, 1990
Advance Ruling Period Ends:
Dec. 31, 1994
Addendum Applies:
NO

Dear Applicant:

Based on information supplied, and assuming your operations will be as stated in your application for recognition of exemption, we have determined you are exempt from Federal income tax under section 501(a) of the Internal Revenue Code as an organization described in section 501(c)(3).

Because you are a newly created organization, we are not now making a final determination of your foundation status under section 509(a) of the Code. However, we have determined that you can reasonably be expected to be a publicly supported organization described in sections 509(a)(1) and 170(b)(1)(A)(vi).

Accordingly, you will be treated as a publicly supported organization, and not as a private foundation, during an advance ruling period. This advance ruling period begins and ends on the dates shown above.

Within 90 days after the end of your advance ruling period, you must submit to us information needed to determine whether you have met the requirements of the applicable support test during the advance ruling period. If you establish that you have been a publicly supported organization, you will be classified as a section 509(a)(1) or 509(a)(2) organization as long as you continue to meet the requirements of the applicable support test. If you do not meet the public support requirements during the advance ruling period, you will be classified as a private foundation for future periods. Also, if you are classified as a private foundation, you will be treated as a private foundation from the date of your intention for purposes of sections 507(d) and 4940.

Grantors and contributors may rely on the determination that you are not a private foundation until 90 days after the end of your advance ruling period. If you submit the required information within the 90 days, grantors and contributors may continue to rely on the advance determination until the Service

-3-

SEWARD ASSOCIATION FOR THE

required to file, simply attach the label provided, check the box in the heading to indicate that your annual gross receipts are normally \$25,000 or less, and sign the return.

If a return is required, it must be filed by the 15th day of the fifth month after the end of your annual accounting period. A penalty of \$10 a day is charged when a return is filed late, unless there is reasonable cause for the delay. However, the maximum penalty charged cannot exceed \$5,000 or 5 percent of your gross receipts for the year, whichever is less. This penalty may also be charged if a return is not complete, so please be sure your return is complete before you file it.

You are not required to file Federal income tax returns unless you are subject to the tax on unrelated business income under section 511 of the Code. If you are subject to this tax, you must file an income tax return on Form 990-T, Exempt Organization Business Income Tax Return. In this letter we are not determining whether any of your present or proposed activities are unrelated trade or business as defined in section 513 of the Code.

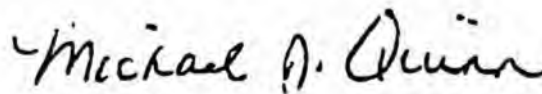
You need an employer identification number even if you have no employees. If an employer identification number was not entered on your application, a number will be assigned to you and you will be advised of it. Please use that number on all returns you file and in all correspondence with the Internal Revenue Service.

If we have indicated in the heading of this letter that an addendum applies, the addendum enclosed is an integral part of this letter.

Because this letter could help resolve any questions about your exempt status and foundation status, you should keep it in your permanent records.

If you have any questions, please contact the person whose name and telephone number are shown in the heading of this letter.

Sincerely yours,



Michael J. Quinn
District Director

25.

APPENDIX B

Science Tehnology Report

The Emerging Undersea Leisure Industry

Resurgent Interest in the Marine Environment has Led to More Public Aquariums, Successful Ventures with Tourist Submarines

By L. Bruce Jones
 President
 L. Bruce Jones & Associates Ltd.

As Americans find themselves with more available leisure time, we are seeing a substantial increase in interest in the subsea environment. One of the principal manifestations of this heightened interest is the number of

new public aquariums in the planning and construction stages, as well as the elevated attendance noted at most aquatic and marine science exhibit facilities.

The success of the tourist submarine industry also bears mute testimony to our resurgent interest in the marine environment. Add the success of semisubmersible tourist vessels and the emerging manufacture and sales of personal and leisure submarines to the design work being done on

(Continued on page 38)

Major Operational North American Public Aquariums: Pertinent Statistics

Attraction Name Location - Year opened	Annual Attendance	Cost (\$m ¹)	Diag Size (sq. ft.)	Adult Adm (\$)	Site Size (acres)	Member #s	Volunt #s	Volunt (hrs/yr)	Employee #s (ftm)
Aquarium of the Americas New Orleans, LA - 1980	Rec 1,000,000 Hi 2,310,000	\$42	115,000	\$8.00	17	30,000			
Monterey Bay Aquarium Monterey, CA - 1984	1,777,000 2,100,000	\$45 - \$50	216,000 *	\$10.50	2.2	80,000	600	60,000	249
National Aquarium Baltimore, MD - 1981	1,420,000	\$30 - \$35	115,000 - 94,000	\$11.50	5.8	60,000	607	75,000	150
New England Aquarium Boston, MA - 1969	1,300,000	\$6	75,000	\$7.50	2.5	10,000	500	50,000	146
John G. Shedd Aquarium Chicago, IL - 1930	2,190,000	\$3.25 - \$43	225,000 - 170,000	\$7.00		17,000	300	31,000	220
Vancouver Aquarium Vancouver, B.C. - 1956	Rec 810,000 High 960,000	\$0.3	75,000	\$7.50	2.0	40,000	294	30,000	118
Mystic Marine Aquarium Mystic, CT - 1973	740,000		57,000	\$6.50	16	18,000	185	13,000	115
Texas State Aquarium Corpus Christi, TX - 1990	750,000	\$31.6	43,000	\$7.00	7.3	4,200	578	38,889	88
New York Aquarium Brooklyn, NY - 1986	736,000	\$12 - \$22	75,000	\$5.75	14	45,000	130	8,000	60
Seattle Aquarium Seattle, WA - 1977	Rec 640,000 High 690,000	\$5.0	72,725	\$6.50	3.73	5,000	298	25,000	45
Oregon Coast Aquarium Newport, OR - 1982	*600,000	\$24	40,000	\$7.00	29				
New Jersey State Aquarium Camden, NJ - 1993	*1,200,000	\$52	120,000	\$8.50	4.5	20,000	377	26,000	105
Tennessee Aquarium Chattanooga, TN - 1992	*1,000,000	\$45	130,000						

underwater hotels and hybrid structures, and it appears clear that an entirely new undersea leisure industry is emerging.

Aquariums: Public & Private

Last year, more than 100 million people visited America's public zoos and aquariums. U.S. marine theme parks such as Sea World and our larger public aquariums are some of the most heavily visited attractions in the world.

Some experts indicate that there may be as many as 70 new aquarium projects undergoing evaluation in the U.S. this year. Two dozen are in the advanced planning stage.

This increase in interest is fueled by a better educated public, a public that is rapidly developing an almost insatiable curiosity about the wonders of the sea.

New capital-intensive aquarium projects costing in excess of \$50 million are underway in Florida and Tennessee, with slightly less expensive projects in Charleston, South Carolina; Cleveland, Ohio; Albuquerque, New Mexico; and Duluth, Minnesota. The Monterey Bay Aquarium is planning a major \$50 million expansion as is Chicago's Shedd Aquarium, and expansion programs are being implemented at no less than ten other public aquarium facilities nationwide.

In addition to large aquarium projects, there are a number of smaller facilities currently under construction. These include the Dauphin Island Science Center, the Pier 39 Aquarium, the recently completed Stephen Birch Aquarium Museum at the Scripps Institution of Oceanography, and the St. Lawrence Aquarium & Ecological Center.

"Some experts indicate that there may be as many as 70 new aquarium projects undergoing evaluation in the U.S. this year. Two dozen are in the advanced planning stage."

Recently completed projects include the newly opened \$24 million Oregon Coast Aquarium located in the small coastal city of Newport, Oregon (population 9,500). This 45,000-square-foot facility was designed to play host to an estimated 400,000 visitors in its first year but will actually receive 1.2 million.

In 1990, the larger Texas State Aquarium opened its doors, expecting to entertain some 250,000 visitors in year one. At the end of that year, some 732,000 people had visited the facility. New Orleans had a similar experience; the facility anticipated 850,000 first-year visitors but actually received 2.3 million, making that city's Aquarium of the Americas the most popular public aquarium in the U.S.

The reason is profitability.

Last year the Monterey Bay Aquarium showed a net profit of more than \$5 million on total revenues of \$25 million. Not bad in anyone's book.

Operating in the Black

* Most aquariums are not as profitable as Monterey's; however, virtually all of America's public aquariums operate in the black, and as architects, exhibit designers, and engineers have refined the areas of aquarium construction, life support technology, and visitor throughput, profit ratios have increased such that the newest aquariums are typically the most lucrative. In many cases aquariums form the cornerstone for a waterfront urban renewal project as

"New aquariums differ from their older counterparts by providing displays intended to accurately depict marine creatures in their natural environments, allowing people to learn not only about the animals but also about the specific worlds they inhabit."

well. For instance, Baltimore's National Aquarium attracts 1.5 million people a year who spend an estimated \$128 million in the immediate vicinity.

New aquariums differ from their older counterparts by providing displays intended to accurately depict marine creatures in their natural environments, allowing people to learn not only about the animals but also about the specific worlds they inhabit. This new trend has supplanted the older aquarium philosophy where animals were put on display in a row of tanks.

Also new is the opportunity to interact with creatures through touch tanks and to better understand technology by actually operating various scientific devices. Now more than ever, aquarium visitors have a chance to really gain some insight into man's fragile relationship with the marine environment.

New aquariums seek not only to educate but to entertain as well, and to that end many new facilities have exhibits that are truly awe-inspiring. The advent of monolithic acrylic sheet has allowed for the creation of huge tanks that when viewed through crystal-clear walls tends to create the effective illusion of being immersed in the marine environment.

San Francisco's new Pier 39 aquarium will take that concept one step further, moving visitors through a clear acrylic tube surrounded by 770,000 gallons of water filled with the sea creatures of San Francisco Bay.

Tourist Submarines

The tourist submarine industry has allowed more than 3 million people to experience the wonders of the subsea world first-hand. The industry, which had its contemporary beginnings in 1985, has expanded from one 28-passenger submarine to an international fleet of nearly 40 vehicles plying the waters of the Atlantic, the Pacific, and the Mediterranean.

With ticket prices in the \$70 range, this rapidly growing industry has proven profitable for a number of operators and has allowed interested individuals to view the undersea environment in a way that had been limited solely to divers.

Related to tourist submarines are the relatively new semi-submersibles. Essentially a cross between a tourist sub and a glass-bottom boat, semi subs look like a submarine from the surface but do not submerge. Passengers sit inside a heavily ballasted deep hull that is internally configured to look like the inside of a submarine. Large viewports provide excellent viewing for the passengers.

L. Bruce Jones is an independent business development and technical consultant specializing in the marine leisure industry. He has been responsible for the design and implementation of various tourist submarine operations and is currently the chairman of the Manned Submersibles Committee of the Marine Technology Society. Jones is also chairman of the Board of Trustees of the proposed \$24 million San Juan Aquarium.

APPENDIX C

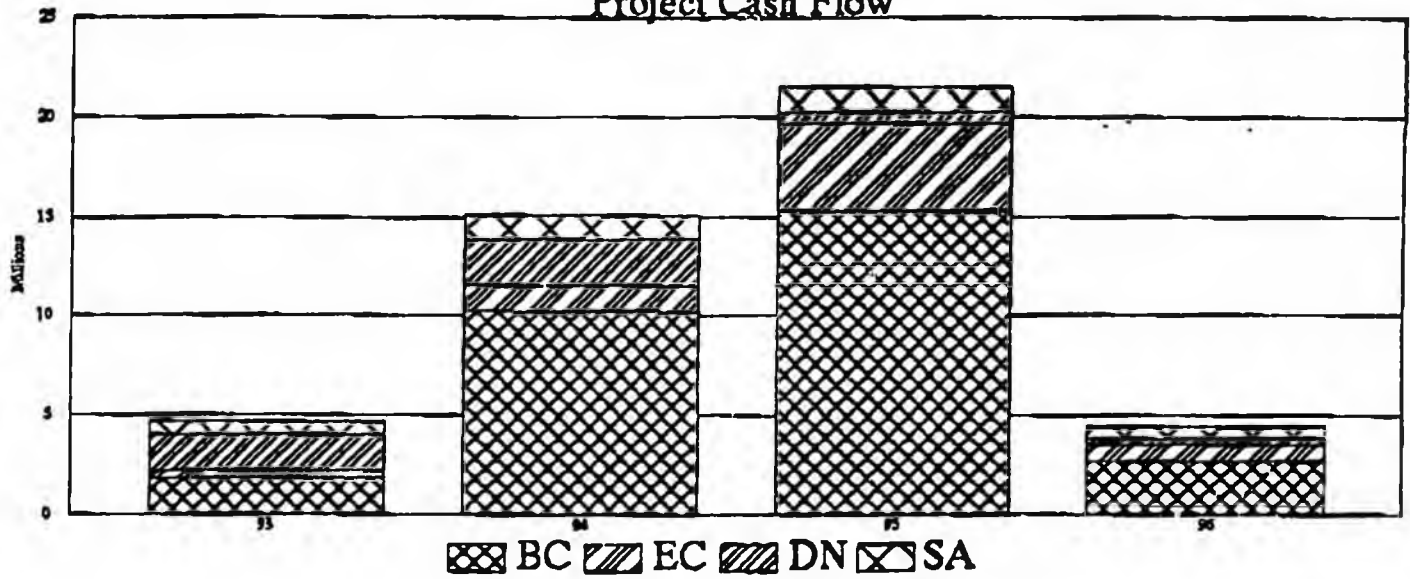
Project Schedule & Plan

ALASKA SEA LIFE CENTER
 IDEA, INC. 23 MAR 93
 ALASFLOW.WK3

PROJECT CASH FLOW ESTIMATE IN DOLLARS

Budget Item	Budget Estimate		DEC 92	DEC 93	DEC 94	DEC 95	JUN 96
Building Construction	30,000,000		0	1,800,000	10,200,000	15,300,000	2,700,000
Exhibit Construction	7,000,000		0	420,000	1,330,000	4,410,000	840,000
Design	5,100,000		0	1,836,000	2,346,000	612,000	306,000
Mgmt, Admin, Startup	3,700,000		0	629,000	1,221,000	1,221,000	629,000
Total Budget	45,800,000	Yearly	0	4,685,000	15,097,000	21,543,000	4,475,000
		Cumulative	0	4,685,000	19,782,000	41,325,000	45,800,000

ALASKA SEA LIFE CENTER Project Cash Flow

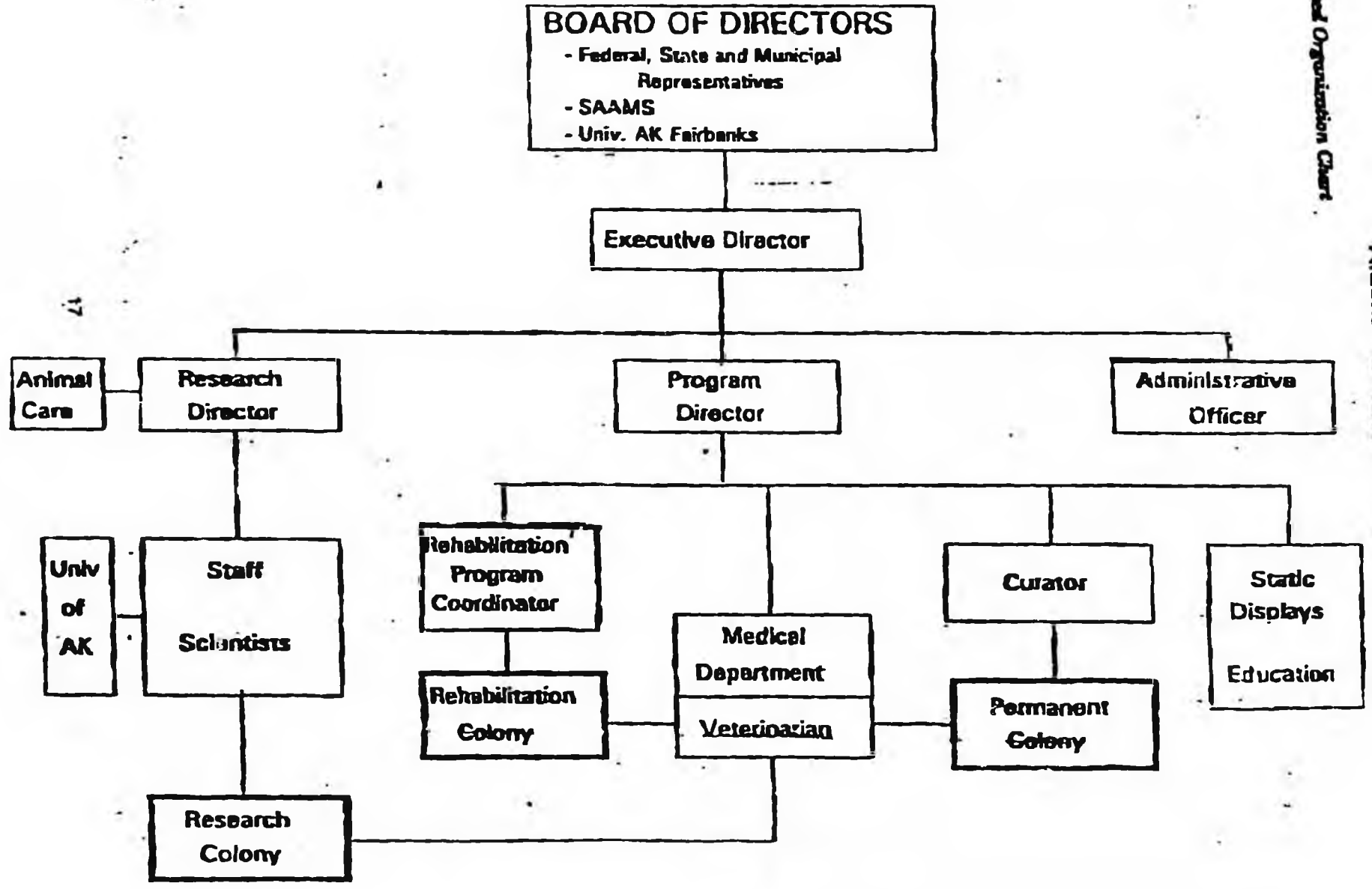


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APPENDIX D Organization Chart

Proposed Organization Chart

Alaska Sea Life Center



APPENDIX E

Letters of Support

WALTER J. HICKEL
GOVERNOR



P. O. Box 110001
Juneau, Alaska 99811-0001
(907) 465-3500

STATE OF ALASKA
OFFICE OF THE GOVERNOR
JUNEAU

February 11, 1993

*Mr. Willard E. Dunham, Chairman
Seward Association for the Advancement
of Marine Science
P.C. Box 27
Seward, AK 99664*

Dear Bill,

It was good to meet with you and discuss the proposed Alaska Sealife Center in Seward. As you know, I am very supportive and interested in this project. Intellectual and informative visions like these keep our great state ahead of all the rest.

The State of Alaska is very fortunate to have professional, caring people like Dr. Joyce Murphy to provide rehabilitation for these animals.

I commend you and your organization on the excellent presentation that you provided. Keep up the good work, and I look forward to hearing about further progress of the project.

With best regards.

Sincerely,

A handwritten signature in cursive script that reads "Walter J. Hickel".

Walter J. Hickel
Governor

WALTER J. HICKEL
GOVERNOR



STATE OF ALASKA
OFFICE OF THE GOVERNOR
JUNEAU

January 13, 1992

Mr. Willard E. Dunham
Chairman, Board of Directors
Seward Association for Advancement
of Marine Science
P. O. Box 1329
Seward, AK 99664

Dear Mr. Dunham:

I appreciate your invitation to serve as an honorary board member of the Seward Association for the Advancement of Marine Sciences. I gladly accept.

I am concerned about our environment, particularly that area impacted by the oil spill from the Exxon Valdez. I believe that the proposed Seward project can go a long way in proving that mankind can live in harmony with nature and all that surrounds it. Because of my personal concern, I have asked Commissioner Harold Heinze of the Department of Natural Resources, and Commissioner Edgar Blatchford of the Department of Community and Regional Affairs to closely follow the board's proceedings. Though I will not be able to attend the meetings, the commissioners, through their representatives, will closely monitor the board's proceedings.

On a more personal note, please extend my appreciation to the many who attended the reception at the Marine Science Institute. Ermalee and I thoroughly enjoyed the hospitality of the fine people of Seward.

With best regards.

Sincerely,

A handwritten signature in cursive script that reads "Walter J. Hickel".

Walter J. Hickel
Governor

cc: Commissioner Harold Heinze
Commissioner Edgar Blatchford

STATE OF ALASKA**OFFICE OF THE GOVERNOR**

OFFICE OF INTERNATIONAL TRADE

WALTER J. HICKEL, GOVERNOR

7TH FLOOR FRONTIER BUILDING
3601 C STREET, SUITE 798
ANCHORAGE, ALASKA 99503-5924
PHONE: (907) 561-5585

March 10, 1991

Dr. A.J. Paul
Institute of Marine Science
Seward Marine Center
Box 730
Seward, Alaska 99664

Dear Dr. Paul:

I write to convey the support of the Office of International Trade for your special appropriation request for the school of fisheries and ocean science. In particular, the office fully endorses the creation of the Alaska Marine Mammal Center in Seward. The School of Fisheries and Ocean Science can contribute substantially to the groundwork necessary to develop the center.

International tourism development is a priority for the Office of International Trade. Our Strategic Plan calls for locating foreign capital to develop Alaska's infrastructure and to establish Alaska as a destination tourist spot. The Alaska Marine Mammal Center's focus -- research, rehabilitation and public education -- can render Alaska a prime location for scientific research, environmental management and a destination for international visitors to Alaska.

We are eager to work together with you to support your funding request and to marshall support for the establishment of the Alaska Marine Mammal Center. Please let me know how else our office can demonstrate enthusiasm for the project. I look forward to working together to bring an exciting internationally renowned project to Alaska.

Sincerely,



Ginna Brelsford
Trade Specialist

cc: Senator Kertulla
Senator Menard
Representative Kubina
Chief of Staff Hodel
Commissioner Olds
OMB Director Stasny
OMB Budget Review Director Frasca
Municipal Liaison Overstreet
Commissioner Blatchford



UNIVERSITY OF ALASKA ANCHORAGE

3211 Providence Drive
Anchorage, Alaska 99508

July 26, 1990

OFFICE OF THE CHANCELLOR

Mayor Bill Noll
City of Seward
PO Box 1789
Seward AK 99664

Dear Mayor Noll:

I was pleased to learn of your proposal to establish a marine mammal study center in Seward. Such a center, incorporating research and public education, would be of great value to Alaska and to other parts of the circumpolar north.

The future of our ecosystems which support our natural resources is dependent upon an accurately informed citizenry. This requires education based upon up-to-date information generated by scientists on the cutting edge of their fields. Marine ecosystems will be under increasing pressure as oceans are increasingly utilized for food, minerals and sources of transport. Due to the positions they occupy in food webs, marine mammals are important indicator species for the health of these ecosystems. Thus the importance of increased knowledge of these animals is clear.

A marine mammal center in Seward would attract productive scientists from other states and nations, as well as Alaska. It would be of great value to the University of Alaska in pursuing research and public service activities. From the standpoint of the University of Alaska Anchorage (UAA), such a center would provide opportunities for faculty and graduate student research in physiology, morphology, ecology, etc. Basic research opportunities would transcend the interests of marine scientists, and include those focused on human health. This would include UAA and UAF scientists in the Washington-Alaska-Montana-Idaho (WAMI) medical program and in the Alaska-Siberia Medical Research Program. All of these endeavors should combine to bring increased federal and private foundation funding to Alaska for high priority needs.

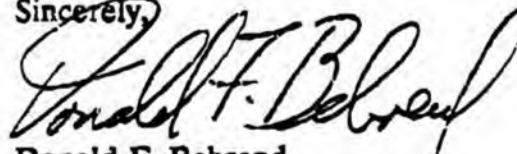
The educational value of a marine mammal center would range from formal college course work for credit to a broad array of short courses, seminars, conferences, and other programs for a variety of publics. The UAA College of Continuing Education could be invaluable in helping to plan and implement a broad program of public education for the proposed center.

UNIVERSITY OF ALASKA ANCHORAGE
Office of the Chancellor

Mayor Bill Noll
Page 2
July 26, 1990

In summary, I envision many significant advances in research and education that could flow from a marine mammal study center in Seward. These advances would be of great value to Alaska, the nation, the northern Pacific Rim nations, and the circumpolar north. Accordingly, I commend you for your vision and initiative in proposing this center, and pledge the support of UAA in assisting you to make it a reality.

Sincerely,



Donald F. Behrend
Chancellor

DFB:sr



Joan K. Wadlow, Chancellor
907 474-7112
FAX 907 474-7225

UNIVERSITY OF ALASKA FAIRBANKS

Office of the Chancellor
320 Signers' Hall
Fairbanks, Alaska 99775-0500

February 25, 1993

Mr. Willard Dunham
Chairman of the Board SAAMS
P.O. Box 730
Seward, Alaska 99664

Dear Willard:

What a valuable asset the Seward Sea Life Center will be to Seward, the University of Alaska Fairbanks, and the entire state! Everyone should applaud the many people involved in this vision and now the planning, because it links from the start three critical functions: (1) the public education exhibits, (2) rehabilitation, and (3) marine mammal research. The combination is what makes the facility neat and especially valuable to Alaska.

The University of Alaska Fairbanks is pleased to be a part of this venture. Our marine mammal scientists can contribute important knowledge to the understanding of current concerns about marine mammals, including sea lions. With this facility, unique in the Pacific Northwest, scientists from everywhere will be able to collaborate and give us answers to critical questions sooner. The University of Alaska Fairbanks, in its Strategic Plan, has committed to help solve the practical problems of Alaska. The research facilities at the Center will help them accomplish this even more.

Please let me know if I may be of assistance (907) 474-7112.

Sincerely,

Joan K. Wadlow, Chancellor
University of Alaska Fairbanks

JKW/smw

UNIVERSITY OF ALASKA FAIRBANKS**School of Fisheries and Ocean Sciences**

200 O'Neill, Fairbanks, Alaska 99775-1090 (907) 474-7531 FAX: (907) 474-7204

January 27, 1993

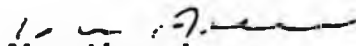
Willard Dunham
Seward Assn. for the Advancement of Marine Sciences
City of Seward
P. O. Box 1009
Seward, AK 99664

Dear Willard:

We are greatly encouraged by your progress in developing the Sea Life Center at Seward. As you know, we have selected Seward as our primary coastal location and have worked for many years to develop a comprehensive marine facility there. The new center will be a tremendous boost to Alaska's capabilities.

We have no intention of establishing additional coastal facilities for UAF at any other location, including Valdez. Although we do contract research out of Valdez, a permanent facility is not needed for our work there. We have facilities at Juneau and Kodiak, but these are fisheries and technological programs and not marine research and educators. We continue to be committed to the development of Seward as a world class coastal marine center.

Yours sincerely,


Vera Alexander
Dean, School of Fisheries and Ocean Sciences
Director, Institute of Marine Science

VA/mb



UNIVERSITY OF ALASKA FAIRBANKS

Fairbanks, Alaska 99775-1080

T Board
CS 6/12/92
TSS
School of Fisheries and Ocean Sciences

June 9, 1992

Mr. Darryl Schaefermeyer
City Manager
City of Seward
P. O. Box 167
Seward, Alaska 99664

RECEIVED

JUN 12 1992

OFFICE OF THE
CITY CLERK

Dear Darryl,

I am glad you wrote, since it gives me the opportunity to do something I have been meaning to for some time, and that is to write and congratulate you and SAAMS for the excellent progress on the Alaskan Sea Life Center. The University is 100% behind this venture, and I have discussed it both with President Komisar and Chancellor Wadlow. I sent word to the legislature and governor through Jim Hasselberger, the Governor's representative in Fairbanks, that not only was the Center not in competition with the University, but that the University was supporting it wholeheartedly and wanted the capital money to survive. I don't know whether it helped in any way, but we did want to make it clear that this was a priority for us, too.

I am also glad that the IMS Seward Marine Center, especially A.J. Paul, has been working effectively with you on the project. Our marine mammal group is very excited about the prospect of working with the Center. We now have five marine mammal professionals in IMS - Mike Castellini, Bud Fay, Ward Testa and Brendan Kelly, and Bob Elsner, although technically retired, is still active. We also have just appointed Charles Monet as a research associate, and he will be working out of Seward. Ironically, he recently abandoned Cordova, where he had worked previously.

With respect to the Marine Mammal Specialist, unfortunately we did not get the position funded. However, the Alaska Sea Grant College Program has found the money for a half-time position, and we are preparing to advertise

on this basis. Hopefully we will be able to fund additional "soft" money to make the position whole. The position is not to be at the Prince William Sound Science Center. No such decision has been made. The advertisement actually doesn't mention location at all, and I have specified that it can only be located at a coastal site where we have a permanent facility, and I am confident that Seward is the best such site. Cordova does not qualify. The Sea Grant Program Director has something to say about it, of course, since he is providing the money, whereas if it had been funded from state appropriation moneys, I could simply dictate, and was clearly slated for Seward. I think we can get the position for Seward, especially in view of the tremendous progress being made towards the Sea Life Center. It is important to realize, however, that this is not the permanent fully-funded position that we had hoped for.

Yours sincerely,



Vera Alexander
Dean, SFOS
Director, IMS

cc. Willard Dunham, Chairman
Seward Association for the Advancement of Sciences



UNIVERSITY OF ALASKA FAIRBANKS

School of Fisheries and Ocean Sciences

200 O'Neill, Fairbanks, Alaska 99775-1090 (907) 474-7531 FAX (907) 474-7204

Office of the De.
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November 24, 1992

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NOV 30 1992

OFFICE OF THE
CITY CLERK

✓ Darryl Schaefermeyer
City Manager
City of Seward
P. O. Box 167
Seward, Alaska

Dear Darryl:

Thank-you for your letter of November 4, 1992. I am very aware of your concerns regarding the MAP marine mammal specialist position, and I share your interest in seeing the position located in Seward. To date, the situation with respect to the position has not changed, in that we have not found any state appropriation moneys to support it, and the present position is only half-time funded with NOAA moneys through the Alaska Sea Grant College Program. Because of this, it moves wherever the Sea Grant project needs the expertise. Once again, this is controlled ultimately by the director of the Sea Grant Program, Ron Dearborn. Kate Wynne is occupying the position, but this is not a permanent tenure-track faculty position at this point. When SFOS acquires a real faculty/MAP specialist position, this will change, and we will be able to designate Seward as the home base.

Meanwhile, if there is anything I can do to support the Sea Life Center by explaining the total lack of marine mammal research facilities in Alaska, and the need for the Seward facility, please let me know. Dr. John French, Director of FITC and a member of the Trustee's advisory group, has publicly supported the Alaska Sea Life Center's request for funds from the oil spill settlement. We are all solidly behind the project.

One area in which we have been able to enhance the Seward operation is in the area of public education, and we are working towards markedly improving the program at the K. M. Rae building, with the full cooperation of Sea Grant and MAP. The UAF museum will be working with us also. Meanwhile, I hope that our marine mammal faculty, especially Michael Castellini, will continue to work with you in developing the Alaska Sea Life Center. There is a great need for marine mammal research facilities. We simply don't have any now that we have given up on the inadequate ones which we had shared with the Institute of Arctic Biology here. I think you will find Drs. Castellini, Testa, Elsner, Fay, and Kelly all becoming Seward faculty, as has Sven Ebbesson, once the facilities are there.

Yours sincerely,

Vera Alexander
Dean

UNIVERSITY OF ALASKA FAIRBANKS

Alaska Sea Grant College Program
School of Fisheries and Ocean Sciences
138 Irving II
Fairbanks, Alaska 99775-5040
(907) 474-7086 FAX (907) 474-6285

RECEIVED

JUL 11 1990

OFFICE OF THE
CITY CLERK

July 6, 1990

Mayor William C. Noll
City of Seward
P.O. Box 187
Seward, AK 99664

Dear Mr. Noll:

We recently learned of tentative plans to develop an international class marine mammal research and public education facility in Seward. We believe this is an excellent idea for Seward and the State of Alaska, and offer our unreserved encouragement.

The National Sea Grant Program, a division of the National Oceanic and Atmospheric Administration in the U.S Department of Commerce, has for twenty-five years supported university research, education, and public outreach on marine resources, particularly efforts that yield economic benefits to coastal communities. The Alaska Sea Grant College Program has traditionally focused research and outreach on issues important to commercial fishing and processing. We also have produced a national award-winning and widely used grade school curriculum package, called Alaska Sea Week. The series includes a volume on marine mammals.

Presently we are supporting research on marine mammals, and a new focus on coastal tourism development. One research project examines vocalizations in killer whales in Prince William Sound, another assesses interactions between marine mammals and commercial fishermen. A technical report and public education booklet are forthcoming on the latter project. We also are organizing a scientific workshop on sea lions and other marine mammals, slated for next spring. As for coastal tourism, we have begun a pilot project for waterfront interpretation and promotion in three Alaska coastal communities.

As you further develop your concept, we would welcome any opportunity to participate. We have been thinking about ways to more publicly highlight the Seward Marine Science Center and more fully utilize the Ray Building as a public attraction. Our projects could complement each other's ideas and greatly expand both the scientific importance and public impact of our respective efforts. Please contact us if we can help. Good luck.

Cordially,

Ron Dearborn
Director

Kurt Byers
Communications Manager

UNIVERSITY OF CALIFORNIA, SAN DIEGO

BERKELEY • DAVIS • IRVINE • LOS ANGELES • RIVERSIDE • SAN DIEGO • SAN FRANCISCO



SANTA BARBARA • SANTA CRUZ

SCRIPPS INSTITUTION OF OCEANOGRAPHY
PHYSIOLOGICAL RESEARCH LABORATORY
SCHOLANDER HALL A-004

LA JOLLA, CALIFORNIA 92093-0204

July 24, 1990

Mayor William Noll
Seward Association for the Advancement
of Marine Science
P.O. Box 730
Seward, Alaska 99664



Dear Mayor Noel:

On my recent visit to Seward and your offices with Dr. M. Castellini, I was very impressed with the potential facilities there. I hope your plans for establishing a marine mammal center are realized. There is no doubt in my mind that if such a facility, in its key location, were available that myself and my colleagues would be anxious to use it in the course of our ongoing research on the behavior and physiology of birds and mammals. Therefore, if there is any assistance I can give you or Dr. Castellini in this endeavor, please feel free to contact me.

Sincerely,

A handwritten signature in cursive script that reads "G.L. Kooyman".
Gerald L. Kooyman, Ph.D.

GLK:pf

cc: M. Castellini

APR- 8-93 THU 17:21

CITY OF SEWARD

FAX NO. 9072243248

MARK O. HATFIELD

MARINE SCIENCE CENTER

P. 45

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EB 9/12/90



OREGON STATE UNIVERSITY

2030 S. Marine Science Drive · Newport, Oregon 97365 · 5296

Telephone 503 · 867 · 0100 Fax 503 · 867 · 0138

Biznet HMSL@ORSTATE.BITNET

September 5, 1990

Mayor William Noll
Seward Assoc. for the Advancement
of Marine Science
P.O. Box 730
Seward, AK 99664

Dear Mayor Noll:

I am writing you at the request of Dr. Michael Castellini of the University of Alaska, Fairbanks who advised me that you are endeavoring to obtain information from the scientific community of interest in the proposed construction of a marine mammal center in Seward

There are few opportunities where people can view marine mammals endemic to the Alaska region and even less where scientists might have access to these animals for non-lethal studies. I would personally favor seeing such a facility available to University of Alaska and researchers throughout the world to conduct studies of importance for a better understanding of these animals. Many such studies are important for continued conservation of these animals.

I have been active in marine mammal research for over 20 years and can assure you that such a facility would be used by many responsible scientists.

Sincerely,

Bruce R. Mate, Ph. D.
Associate Professor
Oceanography

BRM:vb

**TEXAS A&M UNIVERSITY AT GALVESTON**

Marine Mammal Research Program
Department of Marine Biology
P.O. Box 1675
Galveston, TX 77553-1675

Director: (409)740-4413
Technician: 740-4420
Students: 740-4425
FAX: 762-8276

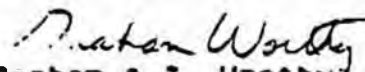
July 24, 1990

Mayor William Noll
Seward Association for the Advancement of Marine Science
P.O. Box 730
Seward, AK
99664

Dear Mr Mayor

I am an Assistant Professor of Marine Mammalogy at Texas A&M University at Galveston and have been active in marine mammal research for 11 years. I am writing in support of the proposal to build a marine research facility in your city. I think that such a facility would be incredibly useful from both the research perspective and public education. I have only recently moved to Texas from California, where I was located at the University of California at Santa Cruz, and previous to that was at the University of Guelph, in Canada. Both of these facilities had the capability of holding captive marine mammals and I am now in the position of attempting to create a research program without that capability for the first time. I dearly miss it. The capability to hold marine mammals in captivity, even for short periods of time, allows us to learn things about their biology that we could never learn in the wild state. This knowledge will expand our capabilities for the better protection of endangered species as well as possibly preventing other species from becoming threatened. I enthusiastically support the development of a facility in Seward and would very much like the opportunity to make use of those facilities at some time in the future.

Sincerely yours


Graham A.J. Worthy
Assistant Professor of Marine Mammalogy