

Executive Director's Report

Magnuson-Stevens Act update

Another draft reauthorization bill was introduced on March 29 (the American Fisheries Management and Marine-Life Enhancement Act by Representatives Pombo, Frank, and Young), addressing many of the same issues contained in the Senate bill introduced last fall. It looks like many of the comments provided by myself, the Council Chair, the other seven regional Councils, and the public are being taken into account, and this bill contains some key features that could improve our management process (including coming very close to reconciling the NEPA vs MSA issue). However, there are a number of provisions related to limited access programs that, like the Senate bill, could impact programs under development if these programs are not somehow 'grandfathered'.

A press release from the Marine Conservation Alliance provides a good summary of a few of the key features of the bill (Item B-1(a)). I cannot tell you when these bills will come together, or whether additional bills might be introduced, but there is talk of a House Resources Committee hearing in early May. I have not heard any further regarding a potential Senate Committee hearing. Please let me know if you would like a copy of the recently introduced House bill.

Save the Date Notice for 30th Anniversary

Item B-1(b) is the 'Save the Date' notice recently distributed relative to our planned 30th anniversary celebration in December. This notice is being widely distributed in our region, as well as to key Congressional offices. We are still working on various details and will be able to provide you a more extensive report in June.

EFH proposed rule published

The proposed rule to implement our EFH and HAPC measures was published on March 22 with the comment period closing May 8. Our staff has not identified any issues that we believe warrant Council comment on the proposed rule. Copies are available on request. The court ordered deadline for the effective date of regulations is August 6.

June meeting details

As you know our June meeting will be in Kodiak this year, and we have been working with the USCG to coordinate some activities in conjunction with that meeting. Included in that itinerary is a dedication ceremony on Wednesday evening, June 7, for the new North Pacific Regional Fisheries Training Center (NPRFTC). Lt. Daniel Schaeffer or Capt. Mike Cerne will provide an overview for you. A tentative schedule of events is under Item B-1(c).

North Pacific Research Board proposal cycle

For your information, the NPRB last week selected proposals for the 2006-2007 research cycle. I hope to provide you a list of those projects at this meeting, and if you desire I can request Dr. Pautzke to provide a more detailed report to you in June. At this meeting our SSC will be developing a more specific, updated list of research priorities for Council approval, which will then be forwarded to the NPRB, NMFS, numerous Universities, and other research institutions.

Recent international meetings

The Chair, myself, and Dr. Fina had the opportunity last month to attend the annual 'Sharing the Fish Conference' in Fremantle, Australia, hosted by the Australian government and major fisheries organizations. Ms. Madsen delivered a presentation on the various limited access programs in Alaska fisheries, and we all learned a great deal about other limited access programs in place or under development in Australia, New Zealand, and other countries around the world. On the return trip we stopped in Tokyo and toured the Tsukiji fish market (wow!) as well as a surimi re-processing plant (wow again).

The biennial Pacific Rim Fisheries Conference, attended by representatives from a number of Pacific rim countries, was held in Hanoi, Vietnam this year. We were invited to attend and provide a presentation on Alaska fisheries, specifically on what we have done recently in the area of essential fish habitat protection. Ms. Madsen and I, as well as others from our region and a number of high-level NOAA Fisheries representatives, attended the conference where I delivered the presentation of fish habitat protection measures in Alaskan fisheries. This was a very interesting international forum, and Vietnam was a very, very interesting venue for the conference.

Congratulations!

Most of you probably know this already, but a big congratulations is in order for one of our long-time SSC members. Dr. Keith Criddle, who has been at Utah State University for several years, was recently selected to the Ted Stevens Distinguished Professorship of Marine Policy at the University of Alaska Fairbanks School of Fisheries and Ocean Sciences. I understand he will be stationed in Juneau for this new position, starting this summer. A full news release is contained under Item B-1(d).

I have also made a commitment, pending funding of the project through NSF, to collaborate with the University on a revitalized graduate studies internship program in fisheries, including placement of graduate interns in our Council offices on a project-specific, temporary basis. I understand that other State and Federal agencies have also signed on to this effort.



Marine Conservation Alliance

promoting sustainable fisheries to feed the world

AGENDA B-1(a)
APRIL 2006

P O Box 20676
Juneau, AK 99802
(907) 523-0731
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- Alyeska Seafoods
- Alaska Crab Coalition
- Alaska Draggers Association
- Alaska Groundfish Data Bank
- Alaskan Leader Fisheries
- Alaska Pacific Seafoods
- Aleutian Islands Brown Crab Coalition
- Aleutian Pribilof Island Community Development Association
- Auruk Alka Faze Pass, Nealon Lagoon, Nikolai, St George
- At-Sea Processors Association
- Bristol Bay Economic Development Corp
- Ameag, Clark Point, Dillingham, Egegik, Eka, Eureka, King Salmon, Leevick, Manokan, Nainet, Paul Ploof, Port Heiden, Portage Creek, South Narrows, Topok, Twin Hills, Ugegik
- Central Bering Sea Fishermen's Association
- St Paul
- City of Unalaska
- Coastal Villages Region Fund
- Chetomat, Chevak, Esk, Goodnews Bay, Hooper Bay, Kupuk, Kwigonagak, Kwiglingok, Makoryuk, Napanak, Nipakak, Nivak, Nivimut, Oskavik, Platun, Oshragak, Scammon Bay, Toksook Bay, Tunulak, Tunulak
- Groundfish Forum
- High Seas Catchers Cooperative
- Iceic Seafoods
- McCarty and Associates
- Mid-Water Trawlers Cooperative
- Mothership Group
- Pu Excellence
- Pu Ocean Producers
- Pu Good Alaska
- North Pacific Fisheries Research Foundation
- North Pacific Longline Association
- Norton Sound Economic Development Corporation
- Bering, Mission, Domeke, Elm, Gambel, Golden, Koyuk, Nome, Savo, Ketchikan, Saravong, Skatook, Steadons, Teter, Unalakleet, Wages, White Mountain
- Pacific Seafood Processors Association
- Prowler Fisheries
- Southwest Alaska Municipal Conference
- Tndent Seafoods Corp.
- United Catcher Boats
- Auruk Catcher Vessel Assoc
- Auruk Emergence Assoc
- Northern Veto Fleet
- Peter Pan Fleet Cooperative
- Unalaska Group
- Unalaska Fleet Cooperative
- Westward Fleet Cooperative
- U.S. Seafoods
- Waterfront Associates
- Western Alaska Fisheries, Inc.
- Yukon Delta Fisheries Development Association
- Alakanuk, Erimonak, Grayling, Kodiak Mountain, Village Nunam Iqut

Press Release
FOR IMMEDIATE RELEASE

March 28, 2006

Contact:
Meighan McFalls, Brown Lloyd James
(212) 486-7070 / cell (917) 439-6081

House Fishery Bill Strengthens Science, Conservation, Public Process MCA Applauds Proposed Rewrite of Magnuson Stevens Act

A newly released, bi-partisan House bill to reauthorize the landmark Magnuson Stevens Act (MSA) builds on the law's strengths of conservation, science based fishery management and an open, public process, MCA Executive Director David Benton said today. The bill was introduced by Representative Pombo (R-CA), who was joined by Representative Don Young (R-AK), and Representative Barney Frank (D-Mass) on the bill.

The MSA, which has managed our nation's marine fisheries since its passage in 1976, established 8 regional fishery management councils to oversee conservation and management of our nation's fisheries. The MSA is up for reauthorization by Congress this year.

"Rep. Richard Pombo (R-CA) and the members of his House Resources Committee have listened closely to the public and crafted a bill that builds on the strengths of the existing law," Benton said. "This new draft will help steer the nation's fishery policy toward healthier oceans and sustainable fisheries. It advances a domestic industry that creates thousands of jobs and puts wholesome, healthy seafood on America's dinner table."

Among the key points of the House version of the MSA reauthorization bill:

- It strengthens the role of science and conservation in the setting of fishery catch quotas by requiring each council to set catch levels at or below the amount recommended by their scientific advisors. This will ensure that seafood harvests are taken in a sustainable and responsible manner;
- Maintains and strengthens the Regional Council process, a decentralized approach that puts decision making at a local level, with a fishery management process open to the public and ensuring that all voices are heard;

- Reduces regulatory gridlock by resolving differences between MSA and the National Environmental Policy Act so the two work together and not against each other; and,
- Provides the Regional Councils the tools they need to address important conservation issues like bycatch, and to work toward a more comprehensive ecosystem-based management system through expanded science and cooperative research instead of arbitrary statutory deadlines.

The House version of the Magnuson-Stevens update is similar in many respects to the bipartisan Senate Commerce Committee version of the bill, drafted by its namesake Sen. Ted Stevens (R-AK) and Sen. Daniel Inouye (D-HI).

“The fact that we have two strong bills that both seek to strengthen the principles of conservation and scientific management of our nation’s fishery resources is a positive sign,” Benton said. “The MCA looks forward to participating in the discussions ahead to merge the concepts enshrined in these two bills and ultimate passage of a revitalized Magnuson Stevens Act later this year.”

The Marine Conservation Alliance is a coalition of seafood processors, harvesters, support industries and coastal communities that are active in Alaska fisheries. The MCA represents approximately 75 percent of the participants in Alaska shellfish and groundfish fisheries and promotes science based conservation measures to ensure sustainable fisheries in Alaska. www.marineconservationalliance.org

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Save the Date!

Saturday, December 9, 2006

Mark your calendars to save December 9, 2006, for the *30th Anniversary Celebration* of the Magnuson-Stevens Fishery Conservation and Management Act and the North Pacific Fishery Management Council. The evening event will include a social hour, a gourmet dinner, appearances from several highly distinguished guests, and other merriment!

The North Pacific Fishery Management Council is one of eight regional councils established by the Magnuson-Stevens Fishery Conservation and Management Act in 1976 to manage fisheries in the 200-mile Exclusive Economic Zone. The Act is currently named after the its primary architects in the U.S. Senate, Senator Warren Magnuson (WA) and Senator Ted Stevens (AK). The Magnuson-Stevens Act remains an innovative and democratic process for responsible decision-making. Under this Act, our fishery management process is science-based, precautionary, deliberative, transparent, and representative of all interests.

The success of the Magnuson-Stevens Act is exemplified in the Alaska region, where the responsible stewardship for the fisheries and other marine resources rests with the North Pacific Council and the National Marine Fisheries Service. The precautionary approach developed in the early years, and refined over 30 years to meet changing needs, has resulted in sustainable fisheries unmatched anywhere in the world. Groundfish landings have been sustained at about 4 *billion* pounds per year, providing over 10,000 jobs each year on fishing vessels and in processing plants.

We hope that you will join us to celebrate this success, and honor those who have helped develop our fishery management program over the years.

Celebration Logistics:

When: Saturday, December 9, 2006 from 7:00 till 11:00 pm.

Where: Hilton Hotel, 500 West 3rd Ave., Anchorage, Alaska

Registration: Advance registration will be required – please stay tuned for details.

NPFMC Visit to the Coast Guard Facilities
06-09 June 2006

Tuesday, 06 June

1800 Patrol Boat Familiarization Rides

Personnel: Members and staff of entire council and agencies

Transportation: Walk from hotel to downtown pier location. If the distance is too far or weather is inclement, transportation will be provided.

Activity: ***Board the patrol boat downtown and embark on a short familiarization ride to include a helo hoist/SAR demonstration.***

Remarks: Members/staff that RSVP will be placed in groups of 5-10 people to facilitate the best possible experience. Multiple trips will be made to accommodate all that wish to participate. Exact duration of each segment is not known but estimated to be half an hour each.

Wednesday, 07 June

1800 Dedication Ceremony

Personnel: Members and Staff of entire council and agencies

Transportation: 30 passenger Bus. Will make as many trips as needed to get everyone to and from the event.

Activity: ***Fisheries Training Center Dedication***

Remarks: Ceremony at the US Coast Guard Fish School to officially dedicate the new facilities. Events will include a brief overview of the schools mission, guest speaker (TBD) unveiling of Bruce Nelson Painting and tours.

1900 Reception

Personnel: Members and staff of council and agencies.

Transportation: Transportation provided as needed.

Activity: ***Fisheries Training Center Dedication Reception***

Remarks: Heavy Appetizers and no host bar and dessert.

Thursday, 08 June

1600 Begin Coast Guard Facility Tours

Personnel: Public

Transportation: 30 passenger Bus. Will make as many trips as needed.

Activity: *Tours of the Coast Guard Air Station, Cutters in port, USCG Base and Fish School.*

Remarks: The bus will run on a published schedule starting at the Best Western hotel. It will make regular scheduled stops at each of the tour locations and return to downtown in a continuous loop. A time schedule will be posted. If individuals have their own transportation they can go to the pre determined locations to take the tours as they want.

1830 C-130 Familiarization Ride

Personnel: Members and staff of council only

Transportation: Transportation provided as needed.

Activity: *Participate in a short Coast Guard Law Enforcement flight onboard a C-130.*

Remarks: The flight will be limited to 10 members in order to get the best possible experience for participants. Guests will be able to rotate between the flight deck (cockpit) observation windows, and be on the radio circuit during the sighting of fishing vessels. This will be an actual Law Enforcement patrol guest will participate in.

Friday, 09 June

1600 Begin Coast Guard Facility Tours

Personnel: Public

Transportation: 30 passenger Bus. Will make as many trips as needed.

Activity: *Tours of the Coast Guard Air Station, Cutters in port, USCG Base and Fish School.*

Remarks: The bus will run on a published schedule starting at the Best Western hotel. It will make regular scheduled stops at each of the tour locations and return to downtown in a continuous loop. A time schedule will be posted. If individuals have their own transportation they can go to the pre determined locations to take the tours as they want.

UAF names Stevens Professor of Marine Policy

Fairbanks, Alaska—

Alaska will soon have a new marine policy expert at the University of Alaska Fairbanks School of Fisheries and Ocean Sciences.



Dr. Keith Criddle will join SFOS in June 2006.

The UAF

School of Fisheries and Ocean Sciences recently selected Keith Criddle, professor of resource economics at Utah State University and a former professor of economics at UAF, to the Ted Stevens Distinguished Professorship of Marine Policy. The professorship, named in honor of Senator Ted Stevens, will provide leadership in marine policy with emphasis on the North Pacific Ocean, Arctic Ocean, and the Bering, Beaufort and Chukchi Seas.

"Congratulations to Dr. Keith Criddle on being selected for this honor," said Senator Ted Stevens. "I am proud to have my name associated with this effort. Our North Pacific fisheries have been lauded as an example of successful fisheries management and conservation. This new distinguished professorship at UAF expands our efforts to ensure the sustainability of our marine resources and will enable us to train the next generation of marine policy scholars."

Headquartered in Juneau, one of the critical roles of the new position will be to provide advice to government agencies and private entities on matters of ocean policy. Criddle hopes to expand this role into one of regular collaboration with the many groups that are involved with protecting and using Alaska's marine resources.

"This is an exciting opportunity to work closely with academic, industry, government and public interest groups to eventually design a program that will educate the next generation of marine policy leaders," said Criddle. "This new position will contribute to the governance, conservation and sustainable use of the marine resources of the Alaska region."

SFOS News: UAF names Stevens Professor of Marine Policy

The Stevens Professorship is an endowed position funded by the Pollock Conservation Cooperative, a consortium of pollock fishing companies of the At-sea Processors Association. The cooperative funds the UAF Pollock Conservation Cooperative Research Center and the Stevens Professorship, and has donated over \$6 million to the School of Fisheries and Ocean Sciences for these causes.

"We are delighted with the appointment of Dr. Criddle to the UAF marine policy professorship established in honor of Senator Stevens," said Kevin Duffy, executive director of the At-sea Processors Association. "Alaska's sound stewardship of its marine resources is recognized around the globe. Expanding the School of Fisheries and Ocean Sciences' marine policy program furthers Alaska's leadership in maintaining abundant fish stocks and healthy ecosystems."

Criddle will resign from his post as head of the Department of Economics at Utah State University, where he currently teaches courses in econometrics and resource economics. He received his doctoral and master's degrees in agricultural economics from the University of California Davis and his bachelors in biological sciences and economics from California State University. Criddle previously served as the interim dean of UAF's School of Management and has also worked directly with the National Marine Fisheries Service as an industry economist. He is a current member of the North Pacific Fisheries Management Council's Science and Statistical Committee.

The UAF School of Fisheries and Ocean Sciences conducts world-class marine and fisheries research, education and outreach across Alaska, the Arctic and Antarctic. More than 60 faculty scientists and 150 graduate students are engaged in building knowledge about Alaska and the world's coastal and marine ecosystems. SFOS is headquartered at the University of Alaska Fairbanks, and serves the state from facilities located in Seward, Juneau, Anchorage and Kodiak.

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Project #	Proposal #	Proposal Title	Principal Investigators	Organizations	Years	Requested Funds	BOARD final recommendation
							\$6,001,100

1 Bering Sea Integrated Ecosystem Research Program

				\$1,200,000.00		\$3,880,149	\$1,100,942
604	6	Retrospective analyses of Norton Sound benthic fauna	Stephen Jewett, Thomas Weingartner, Thomas Weingartner, Toshihide Hamazaki	University of Alaska Fairbanks, Hamachan Scientific Research Services	1	\$155,350	\$155,350
605	10	Modeling Growth and Survival of Early Life-Stages of Pacific Cod in Response to Climate-Related Changes in Sea Ice Conditions in the Bering Sea	Benjamin Laurel, Thomas Hurst, Lorenzo Ciannelli, Michael Davis, Al Stoner, Mike Behrenfeld	Oregon State University, NOAA-AFSC	1.9	\$199,917	\$199,917
606	12	Modeling Climate Effects on Interdecadal Variation in Southeastern Bering Sea Jellyfish Populations	Mary Beth Decker, Mary Decker	Yale University	1.9	\$115,690	\$115,690
607	13	Modeling study on the response of lower trophic level production to climate change	Meibing Jin, Clara Deal, Jia Wang	Univeristy of Alaska Fairbanks	1.9	\$149,547	\$149,547
608	15	Response of the Bering Sea Integrated Circulation-Ice-Ecosystem to Past (1955-2005) and Future (2005-2055) Forcing by Climate and the Adjacent North Pacific and Arctic Oceans	Fei Chai, Yi Chao, James McWilliams, Son Nghiem, Annette de Charon	Duke University	1.9	\$600,000	\$200,000
609	17	Is the pelagic distribution of seabirds in the Bering Sea driven by climate change? A retrospective analysis	Vernon Byrd	Alaska Maritime National Wildlife Refuge	1.5	\$97,500	\$97,500
610	122	Adaptation to a changing world: molecular evidence for selective mortality in walleye pollock larvae	Lorenz Hauser, Mike Canino, Kevin Bailey, Michael Canino	University of Washington	1.4	\$182,938	\$182,938

2.a Ocean Monitoring

				\$300,000.00	\$867,572	\$185,781	
611	19	Spatio-Temporal Variability In North Pacific Meso-Marine Ecosystem (MME) Structure: Basin-wide Responses to a Cooling Transition	William Sydeman, K. David Hyrenbach, David Hyrenbach	PRBO Conservation Science	0.9	\$85,781	\$85,781
612	24	COASST-Alaska: A Comprehensive Monitoring Program for Coastal Ecosystem Health and Change	Julia Parrish	University of Washington	1	\$232,099	\$100,000

2.b Lower Trophic Level Productivity

				\$300,000.00	\$2,250,998	\$358,773	
613	26	Bering Sea Lower Trophic Level Responses to Climate Change	Jeff Napp, Russell Hopcroft, Suzanne Strom	NOAA - Fisheries, Alaska Fisheries Science Center	2.9	\$404,057	\$100,000
614	29	Optimization of a nutrient-phytoplankton-zooplankton ecological model for quantifying physical and biological interactions on the Gulf of Alaska shelf.	Kenneth Coyle, Ken Coyle, Sarah Hinckley, Albert Hermann, Al Hermann	University of Alaska Fairbanks, School of Fisheries and Ocean Sciences, Alaska Fisheries Science Center,	2.3	\$258,773	\$258,773

2.c.i Recovery and resilience of fish habitat

\$250,000.00 \$290,030 \$0

2.c.ii Marine habitat mapping technology workshop

				\$150,000.00	\$329,283	\$150,000	
615	36	Marine Habitat Mapping Technology Workshop for Alaska	Brian Allee, Jennifer Reynolds	University of Alaska Fairbanks, San Jose State University Foundation (Moss Landing Marine Laboratories)	1.9	\$179,106	\$150,000

2.c.iii Other fish habitat research

				\$150,000.00	\$553,100	\$122,300	
616	38	Chiswell Ridge Habitat Mapping and Groundfish Assessment	Mike Byerly, Richard Sylwester	Alaska Department of Fish and Game, Golder and Associates	1	\$122,300	\$122,300

2.d.i Migration patterns and spatial connectivity

				\$300,000.00	\$1,948,595	\$542,941	
617	42	Migration patterns of Pacific halibut in the southeast Bering Sea	Brenda Norcross, Tim Loher	University of Alaska Fairbanks	2	\$309,101	\$150,000
618	44	Spatial and temporal patterns in Pacific cod reproductive maturity in the Bering Sea	Elizabeth Logerwell, Sandra Neidetcher	Alaska Fisheries Science Center	1.9	\$39,432	\$39,432
619	45	Connectivity between Greenland halibut (<i>Reinhardtius hippoglossoides</i>) spawning and nursery areas in the eastern Bering Sea: a paradigm for offshore spawning flatfish species	Janet Duffy-Anderson, Ann Matarese, Kevin Bailey	Oregon State University, NOAA (AFSC)	2.6	\$244,984	\$244,984
620	47	Estimating movement rates of Pacific cod (<i>Gadus macrocephalus</i>) in the Bering Sea and the Gulf of Alaska using mark-recapture methods.	Peter Munro, Dan Urban, AFSC J. Urban		0.9	\$108,525	\$108,525

2.d.ii Seasonal diets of exploited fish stocks

				\$300,000.00	\$720,442	\$300,000	
621	49	Diet and trophic ecology of skates in Gulf of Alaska (<i>Raja</i> and <i>Bathyraja</i> spp.): foundational ecological information for ecosystem-based management of demersal resources	David Ebert, Gregor Cailliet	San Jose State University Foundation	1.9	\$299,951	\$150,000
622	51	Analysis of fall, winter, and spring predation of key Bering Sea and Gulf of Alaska groundfish through food habits and stable isotope analysis	Kerim Aydin	Alaska Fisheries Science Center	1.3	\$155,355	\$150,000

2.d.iii Life history, ecology and fluctuations in BSAI crab stocks

				\$300,000.00	\$1,567,509	\$621,746	
623	53	Tools to assess <i>Hematodinium</i> life history and impacts on Tanner crabs	Carolyn Friedman, Lorenz Hauser, Frank Morado	School of Aquatic and Fishery Sciences, University of Washington, Seattle, Washington 98195	2	\$209,755	\$75,000

624	56	Modeling transport and survival of larval crab: Investigating the contraction and variability in snow crab stocks in the Eastern Bering Sea using Individual-Based Models	Jeff Napp, David Armstrong, Albert Hermann, Carolina Parada, Billy Ernst, Bernard Megrey, Jeffrey	Alaska Fisheries Science Center, NOAA, School of Aquatic and Fisheries Science, University of Washington	2.6	\$296,746	\$296,746
625	57	Assessment of Bristol Bay Red King Crab Resource for Future Management Action-- A New Approach	Steven Hughes, Gerard Conan	Bering Sea Fisheries Research Foundation	0.9	\$250,000	\$250,000

2.d.iv Reduction of bycatch and bycatch rates

\$300,000.00

\$843,945

\$150,000

626	61	Testing low-cost methods to reduce sperm whale depredation in the Gulf of Alaska	Aaron Thode, Janice Straley, Jan Straley	Scripps Institution of Oceanography, UCSD	0.9	\$250,126	\$150,000
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2.d.v Stock assessment and life history of rockfish, sharks, skates, squid, sculpins and octopus

\$300,000.00

\$2,103,779

\$600,325

627	65	Identifying life history characteristics of squid in the Bering Sea.	Nathan Bickford, Brenda Norcross	University of Alaska Fairbanks	2	\$196,865	\$196,865
628	66	Understanding the population dynamics of an abundant non-target species group: life history and demographics of large sculpin species in the Bering Sea Large Marine Ecosystem	Kerim Aydin, Anne Hollowed, Rebecca Reuter	Alaska Fisheries Science Center	2	\$215,228	\$215,228
629	70	Assessment of female reproductive effort and maternal effects in Pacific Ocean Perch: do big old females matter?	Selina Heppell, Scott Heppell, Paul Spencer	Oregon State University	1.9	\$188,232	\$188,232

2.d.vi Other fish and invertebrate research

\$150,000.00

\$664,682

\$145,845

630	73	Food web linkages: Forage Fish Distribution and Ecology in Core Areas of Predator Distribution in the Aleutian Archipelago	John Piatt, Mayumi Arimitsu	USGS-Alaska Science Center, USFWS	1	\$145,845	\$145,845
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2.e.i Distribution and abundance of ice seals and walrus

						\$1,128,725	\$523,686
631	78	Population structure of ringed seals	Brendan Kelly	University of Alaska Southeast, Central Michigan University, Alaska Nanuuq Commission	1.9	\$223,686	\$223,686
632	79	Predicting Effects of Changing Sea Ice on Benthic Foraging Success of Pacific Walrus in the Chukchi Sea	Chad Jay, Chadwick Jay, David Douglas	USGS Alaska Science Center	1.5	\$155,747	combine these three projects into one for a total of: \$300,000
633	80	EVALUATION OF WALRUS FORAGING GROUNDS IN THE BERING SEA: A SPATIAL AND TEMPORAL COMPARISON	Brenda Konar	University of Alaska Fairbanks, School of Fisheries and Ocean Sciences	0.9	\$89,759	
634	81	Distribution and Abundance of Pacific Walruses in the Bering Sea	Rosa Meehan, Suzann Speckman	US Fish and Wildlife Service, Marine Mammals Management	1.5	\$259,684	

2.e.ii Distribution and abundance of Northern Right Whales

						\$557,319	\$140,650
635	86	Multi-scale predictions of right whale (<i>Eubalaena japonica</i>) habitat in the North Pacific and Bering Sea	Edward Gregr, Randall Reeves, John Ford	Alaska Fisheries Science Center, Fisheries and Oceans Canada, Okapi Wildlife Associates, SciTech Consulting,	1.9	\$140,650	\$140,650

2.e.iii Other marine mammal research

						\$1,360,951	\$144,306
636	87	Genetic population structure of bowhead whales, using historical bone and baleen samples.	Phillip Morin	Southwest Fisheries Science Center	1.7	\$38,400	\$38,400
637	93	Comparison of stable carbon and nitrogen isotope ratios in muscle and epidermis of subsistence-harvested bowhead, beluga and gray whales	Larissa Dehn, Erich Follmann	University of Alaska Fairbanks	1	\$57,196	\$57,196

638	95	Identifying critical foraging habitat of lactating northern fur seals and the spatial overlap with commercial fisheries in the eastern Bering Sea	Andrew Trites, Pamela Lestenkof	North Pacific Marine Science Foundation	1.6	\$48,710	\$48,710
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2.f.i Distribution and abundance of seabirds at sea

\$200,000.00 \$164,334 \$164,334

639	97	North Pacific Pelagic Seabird Observer Program	Kathy Kuletz, David Irons	U.S. Fish and Wildlife Service	2	\$164,334	\$164,334
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2.f.ii Determination of demographic parameters

\$200,000.00 \$99,660 \$99,660

640	23	Relationships among climate variability, ocean productivity and demography of Aleutian populations of three planktivorous seabirds: Least (Aethia pusilla), Crested (A. cristatella) and Whiskered Auklets (A.	Ian Jones	Memorial University of Newfoundland	2.9	\$99,660	\$99,660
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2.f.iii Human impacts during migration and overwintering

\$200,000.00 \$220,751 \$0

2.g Humans

\$50,000.00 \$125,172 \$125,172

641	100	Extending Lessons from the Steller Sea Lion Controversy: Getting Ahead Of The Northern Fur Seal Curve	Marc Hershman	University of Washington, School of Marine Affairs	0.6	\$35,173	\$35,173
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642	101	Comprehensive Baseline Commercial Fishing Community Engagement and Dependency Profiles: Adak, St. George, St. Paul, and Sand Point, Alaska.	Michael Downs	EDAW, Inc.	0.9	\$49,999	\$49,999
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643	102	Role of Walrus in distribution of human trichinellosis disease among indigenous people in Chukchi Peninsula	Anna Kolevatova, Lidiya Bukina	Federal State Educational Institution of Higher Vocational Education, Vyatka State Agricultural Academy	1	\$40,000	\$40,000
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3 Collaboration with Oil Spill Research Institute: Forage Fish

				\$100,000.00		\$294,560	\$75,000
644	103	Seasonal Distribution, Habitat Use, and Energy Density of Forage Fish in the Nearshore Ecosystem of Prince William Sound	Scott Johnson	NOAA, Auke Bay Lab	1.1	\$59,906	\$75,000

4.a Pilot project for community-based observation system

				\$150,000.00		\$620,886	\$150,000
645	107	Bering Strait Region Local and Traditional Knowledge Pilot Project	Austin Ahmasuk	Kawerak, Inc.	0.9	\$150,000	\$150,000

4.b LTK studies related to other RFP priorities

				\$150,000.00		\$336,924	\$299,639
646	110	Response and Intervention System for Climate Change Induced Paralytic Shellfish Poisoning in Aleut Communities	Victoria Gofman, Bruce Wright, Ray Ralonde, Raymond RaLonde	Aleut International Association, Aleutian Pribilof Islands Association	1.3	\$149,639	\$149,639
647	111	Alaska Rockfish: Subsistence Harvests and Local Knowledge of Alaska Rockfish (genus Sebastes)	Jesse Dizard	Alaska Department of Fish and Game Division of Subsistence	2	\$187,285	\$150,000

5 Other Prominent Issues – Contaminants

				\$300,000.00		\$1,477,473	\$0
44	Projects						