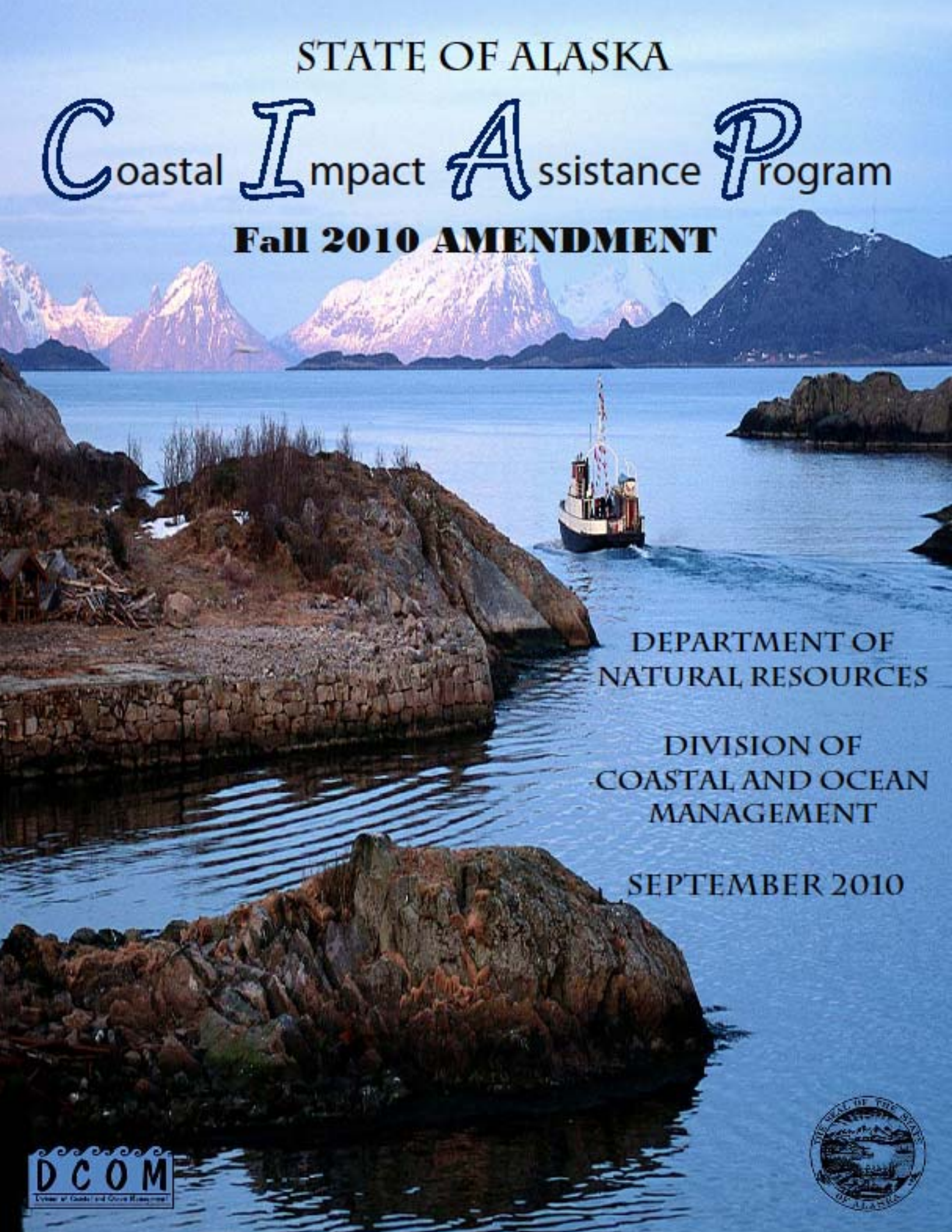
STATE OF ALASKA

Coastal Impact Assistance Program

Fall 2010 AMENDMENT



DEPARTMENT OF NATURAL RESOURCES

DIVISION OF COASTAL AND OCEAN MANAGEMENT

SEPTEMBER 2010

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Fall 2010 Amendment
to the
Alaska Coastal Impact Assistance Program

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I. Introduction

A. Coastal Impact Assistance Program Background

The Energy Policy Act of 2005 (Public Law 109-58) was signed into law by President Bush on August 8, 2005. Section 384 of the Act establishes the Coastal Impact Assistance Program (CIAP) which authorizes funds to be distributed to Outer Continental Shelf (OCS) oil and gas producing states to mitigate the impacts of OCS oil and gas activities.

Under the CIAP, the Secretary of the Interior is authorized to distribute to producing states and coastal political subdivisions (CPSs) $250 million for each of the Federal fiscal years (FY) 2007 through 2010. This money will be shared among Alabama, Alaska, California, Louisiana, Mississippi, and Texas and will be allocated to each producing state based upon allocation formulas prescribed by the Act. Further, the CIAP allocates money to the eligible CPSs of the states identified above.

The Department of Interior, Minerals Management Service (MMS) was tasked with overseeing and administering CIAP. In June 2010, the Bureau of Ocean Energy Management, Regulation, and Enforcement (BOEMRE) assumed these duties.

Pursuant to the Act, a producing state or CPS shall use all amounts received under this section for one or more of the following five authorized uses:

Authorized Uses:

1. Projects and activities for the conservation, protection, or restoration of coastal areas, including wetland.

2. Mitigation of damage to fish, wildlife, or natural resources.

3. Planning assistance and the administrative costs of complying with CIAP.

4. Implementation of a federally-approved marine, coastal or comprehensive conservation management plan.

5. Mitigation of the impact of OCS activities through funding of onshore infrastructure projects and public service needs.

B. Eligible Producing States and Coastal Political Subdivisions

A *producing state* is defined in the Act (*Section 31(a)(9)(A) and (B)*) as having a coastal seaward boundary within 200 nautical miles of the geographic center of a leased tract within any area of the OCS. This does not include a state with a majority of its coastline subject to leasing moratoria, unless production was occurring on January 1, 2005, from a lease within 10 nautical miles of the coastline of that state. States eligible to receive funding are Alabama, Alaska, California, Louisiana, Mississippi, and Texas.

The Act also specifies eligibility criteria for CPSs (*Section 31(a)(1) and (8)*). A *political subdivision* is defined as "the local political jurisdiction immediately below the level of state government, including counties, parishes, and boroughs." The term *coastal political subdivision* is further defined in the Act as "a political subdivision of a coastal state any part of which political subdivision is (A) within the coastal zone (as defined in Section 304 of the Coastal Zone Management Act of 1972 (*16 U.S.C. 1453*)) as of the date of enactment of the Energy Policy Act of 2005 [August 8, 2005]; and (B) not more than 200 nautical miles from the geographic center of any leased tract." Given these criteria, MMS, in consultation with the states, determined 67 CPSs are eligible to receive CIAP funding nationwide. (MMS CIAP Guidelines)

C. CIAP Allocations

CIAP funding allocations to states and CPSs were determined using the formulas mandated by the Act (Section 31(b)). The Act directs that the funds allocated to states and CPSs for FY 2007 and 2008 be determined using qualified OCS revenues received for FY 2006. FY 2009 and 2010 funds shall be determined using the amount of qualified OCS revenues received for FY 2008. (MMS CIAP Guidelines)

The Act requires a minimum annual allocation of 1 percent to each state. For FY 2007 and 2008, Alaska will receive the minimum 1 percent allocation. Due to an increase in off shore oil and gas revenue in FY 2008 resulting from the Chukchi lease sale 193, Alaska's FY 2009 and 2010 allocation increased to 15.45% of total CIAP funds available.

The Act also provides that 35 percent of each state's share shall be distributed directly to its CPSs. Eight coastal political subdivisions in Alaska are eligible to receive funding under CIAP. MMS used the following formula to determine the allocation to each eligible community:

(A) 25% allocated based on the ratio of the CPSs coastal population to the coastal population of all CPSs in the state;

(B) 25% allocated based on the ratio of the CPSs coastline miles to the coastline miles of all CPSs in the state;

(C) 50% allocated equally among the two coastal political subdivisions that are closest to the geographic center of a leased tract.

In December of 2009, MMS formally notified the state that its allocation for FY 2010 is reduced by 1% in order for MMS to meet its administrative needs. Annual allocations for the four year CIAP program are shown below.

Alaska CIAP Annual Allocations ($)

CIAP Allocation to Alaska	Total	FY 2007	FY 2008	FY 2009	FY 2010
Allocation Directly to State (65% of total to state)	**51,614,839.22**	1,576,250.00	1,576,250.00	24,356,719.71	24,105,619.51
Allocation Directly to CPSs (35 % of total to state)	**27,792,605.74**	848,750.00	848,750.00	13,115,156.77	12,979,948.97
TOTAL TO STATE OF ALASKA	**79,407,444.96**	**2,425,000.00**	**2,425,000.00**	**37,471,876.48**	**37,085,568.48**

Allocation ($) Directly to CPSs (35 % of total to state)

CPS	% of Total Allocation to Alaska CPSs	Total	FY 2007	FY 2008	FY 2009	FY 2010
Municipality of Anchorage	16.23%	**4,511,255.66**	137,767.88	137,767.88	2,128,833.32	2,106,886.58
Bristol Bay Borough	0.08%	**21,803.81**	665.86	665.86	10,289.08	10,183.01
Kenai Peninsula Borough	7.00%	**1,946,230.93**	59,435.36	59,435.36	918,414.20	908,946.01
Kodiak Island Borough	8.62%	**2,395,993.37**	73,170.52	73,170.52	1,130,654.28	1,118,998.05
Lake & Peninsula Borough	4.07%	**1,130,321.28**	34,518.54	34,518.54	533,391.54	527,892.66
Matanuska-Susitna Borough	3.70%	**1,028,175.90**	31,399.15	31,399.15	485,189.78	480,187.82
North Slope Borough	32.57%	**9,052,408.09**	276,448.76	276,448.76	4,271,774.74	4,227,735.83
Northwest Arctic Borough	27.73%	**7,706,416.70**	235,343.93	235,343.93	3,636,609.83	3,599,119.01
Total	**100.00%**	**27,792,605.74**	**848,750.00**	**848,750.00**	**13,115,156.77**	**12,979,948.97**

II. Alaska CIAP History

The Fall 2010 Amendment to the Alaska Coastal Impact Assistance Program Plan is the second amendment to the Alaska CIAP Plan. The State of Alaska submitted its initial Alaska CIAP plan to MMS on June 30, 2008 in accordance with the Act. MMS approved this plan on September 30, 2008. The following points provide a historic list of key milestones associated with the development and approval of the Alaska CIAP Plan.

Milestones

April 16, 2007	MMS notifies State of Alaska of $2,425,000 allocation for FY 2007 and FY 2008.
June 30, 2008	State of Alaska submits the 2008 Alaska CIAP Plan to MMS based on an annual allocation of $2,425,000 for each of the four CIAP years. (FY 2007-2010) 2008 Alaska CIAP Plan includes: • State Initiated projects (13 Tier 1 projects totaling $6,305,000; 10 tier 2 projects totaling $3,770,500) • CPS Projects (26 Tier 1 projects totaling $3,392,332; 2 Tier 2 projects totaling $466,500)
June 2008	MMS notifies the State that its FY 2009 and FY 2010 allocation will increase due to the Chukchi lease sale 193 to be between 13 and 17 percent of the available CIAP funds. Alaska Department of Natural Resources (DNR), Division of Coastal and Ocean Management (DCOM) initiated efforts to develop a process by which to solicit additional projects for inclusion in the State's plan.
September 30, 2008	MMS approves the 2008 State of Alaska CIAP Plan.
May 2009	MMS notifies state that its total CIAP allocation (State and CPSs combined) will be • FY 2007: $2,425,000.00 • FY 2008: $2,425,000.00 • FY 2009: $37,471,876.48 • FY 2010: $37,471,876.48 TOTAL: $79,793,752.96
May 2009	Governor Palin signs Alaska Senate Bill 75 into Law. Section 39 distributes the direct to state portion of CIAP as follows: • To DNR for state agency initiated projects (about 47%) • To Alaska Department of Fish and Game (DFG) for the Western Alaska Salmon Coalition (WASC) Chum and Sockeye Genetic Identification Program (about 3%)

	• To the Department of Commerce, Community, and Economic Development (DCCED) for an open public solicitation (about 30%) • To DCCED for distribution to 12 named recipients including 8 municipalities and 4 coastal resource service areas (CRSAs-about 20%)
Nov. 9, 2009	State of Alaska submits the November 2009 Amendment to the Alaska CIAP Plan including: • State initiated projects (30 Tier 1 projects totaling $26,129,470; 19 Tier 2 projects totaling $11,803,430) • WASC project (1 Tier 1 project totaling $1,379,750) • CPS projects (55 Tier 1 projects totaling $27,927,812; 13 Tier 2 projects totaling $3,241,000) Note: Number of projects and dollars are inclusive of projects approved in 2008.
Nov. 13, 2009	MMS notifies the state that their allocation for FY 2010 is reduced by 1% to cover MMS administrative costs. CIAP allocation to Alaska (FY 07-FY 10 combined): • Direct to State of Alaska: $51,614,839.22 • Direct to CPSs: $27,792,605.74 TOTAL: $79,407,444.96
March 11, 2010	MMS notifies the state that there are 11 projects in the proposed November 2009 Amendment that "*do not meet the Authorized Use listed as written and cannot be approved*."
March 18, 2010	State of Alaska removes the 11 projects MMS found not approvable as written and resubmits the November 2009 Amendment as the March 2010 Amendment to the Alaska CIAP Plan. Total projects in Alaska CIAP plan include: • State initiated projects (26 Tier 1 projects totaling $21,603,070.00; 16 Tier 2 projects totaling $9,500,000) • WASC project (1 Tier 1 project totaling $1,379,750) • CPS projects (51 Tier 1 projects totaling $24,567,103.94, 12 Tier 2 projects totaling $1,741,000) Note: Number of projects and dollars are inclusive of projects approved in 2008.
April 23, 2010	MMS approves the March 2010 Amendment to the Alaska CIAP Plan and the projects with in it.
June 2010	The Bureau of Ocean Energy Management, Regulation, and Enforcement (BOEMRE) assumes management responsibility for

	CIAP.
September 28, 2010	State of Alaska submits the Fall 2010 Amendment to the Alaska CIAP Plan to BOEMRE. Total projects in Alaska CIAP plan include: • State agency initiated projects (30[1] Tier 1 projects totaling $27,390,391; 17 Tier 2 projects totaling $11,093,030) • WASC project (1 project totaling $1,373,070.31) • Publically solicited projects (20 Tier 1 projects totaling $13,710,856; 13 Tier 2 projects totaling $8,571,625) • Named recipient projects (42 Tier 1 projects totaling $9,140,522[2]; 23 Tier 2 projects totaling $3,409,893) • CPS projects (54 Tier 1 projects totaling $27,792,605; 18 Tier 2 projects totaling $5,524,473) Note: Number of projects and dollars are inclusive of projects approved in 2008 and 2010.

The Fall 2010 Amendment includes revisions to the CPS and state initiated projects removed from the 2010 Amendment or substitute projects, as well as projects solicited through an open, public solicitation process and from specific legislatively named municipalities and CRSAs. The publically solicited projects and the projects proposed by the named recipients will be funded through a portion of the direct to state CIAP funding and will be conducted on behalf of the State of Alaska. These projects in combination with the previously approved projects in the 2008 Plan and the March 2010 Amendment account for **all** of the $51,614,839.22 CIAP funds allocated directly to the State of Alaska and **all** of the $27,792,605.74 CIAP funds allocated directly to the eight eligible Alaska CPSs.

This Fall 2010 Amendment is prepared in accordance with Section 1356a(c)(3) of the Energy Policy Act of 2005 (Act) which states that any amendment to the Plan shall be prepared according to the requirements and procedures of the Act; including the public participation requirements. As directed in the BOEMRE CIAP State Plan and Plan Amendment Guidelines, this amendment includes a list of all the proposed changes to the approved 2008 Alaska CIAP Plan and March 2010 Amendment (See Section VIII Project Amendment Status) and all revisions to affected plan components.

[1] Includes a project to jointly cover administrative costs of CIAP for DCOM, DCCED, Bering Straits CRSA, Aleutians West CRSA, Bristol Bay CRSA, and Ceñaliulriit CRSA.

[2] This total does not include $200,000 that will be used for administrative purposes by the CRSAs.

III. Designated State Agency

The Alaska Department of Natural Resources, Division of Coastal and Ocean Management is the designated state agency (See Appendix C for Governor's letter). This is consistent with the approved 2008 Alaska CIAP Plan and the approved March 2010 Amendment. The contact information is as follows:

Contact: Mr. Randy Bates, Director
DNR, Division of Coastal and Ocean Management
Address: PO Box 111030, Juneau, AK 99811-1030, Mail Stop: 1030/JNU
Phone: (907) 465-8797
Fax: (907) 465-3075
E-mail: randy.bates@alaska.gov

IV. Designated Contacts for Coastal Political Subdivisions

The designated contacts for several of the coastal political subdivisions have changed since the approval of the 2008 Alaska CIAP Plan due to changes in employment status. The list below represents the current designated contacts for each of the eligible CPSs.

1. Municipality of Anchorage

   Contact: Kristi Bischofberger, Watershed Manager
   Address: PO Box 196650, Anchorage AK 99519
   Phone: (907) 343-8058
   Fax: (907) 343-8088
   E-mail: BischofbergerKL@ci.anchorage.ak.us

2. Bristol Bay Borough

   Contact: Mr. Carl Smith, Community Development Coordinator
   Address: P.O. Box 189, Naknek, AK 99633
   Phone: (907) 246-4224
   Fax: (907) 246-6633
   E-mail: carlsmith@bristolbayboroughak.us

3. Kenai Peninsula Borough

   Contact: Mr. Gary Williams, Coastal District Coordinator
   Address: 144 N. Binkley, Soldotna, AK 99669
   Phone: (907) 714-2216
   Fax: (907) 260-5992
   E-mail: gwilliams@borough.kenai.ak.us

4. Kodiak Island Borough

   Contact: Mr. Charles (Bud) Cassidy, Community Development Dept. Director
   Address: 710 Mill Bay Road, Kodiak, AK 99615
   Phone: (907) 486-9360
   Fax: (907) 486-9396
   E-mail: bcassidy@kib.co.kodiak.ak.us

5. Lake and Peninsula Borough

   Contact: Mr. Jordan Keeler, Community Development Coordinator
   Address: P.O. Box 495, King Salmon, AK 99613
   Phone: (907) 246-3421
   Fax: (907) 246-6602
   E-mail: jordankeeler@lakeandpen.com

6. Matanuska-Susitna Borough

   Contact: Ms. Susan Lee, Coastal Coordinator
   Address: 350 E. Dahlia Avenue, Palmer, AK 99645-6488
   Phone: (907) 745-9862
   Fax: (907) 745-9876
   E-mail: slee@matsugov.us

7. North Slope Borough

   Contact: Ms. Taqulik Hepa, Department of Wildlife Management Director
   Address: P.O. Box 69, Barrow, Alaska 99723
   Phone: (907) 852-0350
   Fax: (907) 852-0351
   E-mail: Taqulik.Hepa@north-slope.org

8. Northwest Arctic Borough

   Contact: Ms. Annabelle Alvite
   Address: P.O. Box 1110, Kotzebue, AK 99752
   Phone: (907) 442-2500
   Fax: (907) 442-2930
   E-mail: aalvite@nwabor.org

V. Governor's Certification of Public Participation

Appendix D includes signed documents from the Governor of Alaska certifying that the public was provided ample opportunity to participate in the development of the approved 2008 Alaska CIAP plan, the approved March 2010 Amendment, and this proposed Fall 2010 Amendment .

DCOM provided the public with a formal opportunity to comment on the Fall 2010 Amendment, Public Review Draft, during a 33 day public comment period. Additionally, the public participated in the development of the plan through the State's legislative process and the CPSs' decision making process. These opportunities for participation are described on pages 15 through 19.

VI. Coordination with other Federal Resources and Programs

The CIAP legislation requires that the state plan contain "measures for taking into account other relevant Federal resources and programs" (§31(d)(2)(E)). Several of the projects proposed have multiple components. In many instances, CIAP will fund some components while local, state, and other Federal funds will be used for other portions of the project. This information is included in the project descriptions. The state will consider existing Federal resources when implementing the activities proposed in this plan and, to the extent feasible, will coordinate with Federal agencies conducting similar activities.

DCOM sent a letter to Federal agencies (U.S. Department of Interior, U.S. Fish and Wildlife Service, Bureau of Land Management, Minerals Management Service, National Marine Fisheries Service, U.S. Environmental Protection Agency, National Park Service, Bureau of Indian Affairs, Federal Highway Administration, U.S. Coast Guard, U.S. Forest Service, U. S. Army Corps of Engineers, U.S. Geological Survey, and Federal Aviation Administration) prior to putting the 2008 draft plan out for public review. The letter included the draft list of state and CPS projects. The letter encouraged the agencies to consider opportunities to collaborate with the state and the CPSs to create a synergistic relationship between CIAP funded projects and other federally funded projects and to achieve efficient use of resources and funds. The letter requested that comments on such opportunities be made to DCOM during the public review of the Alaska CIAP draft plan and to consider additional opportunities through 2010. DCOM also provided the Federal agencies a notice of subsequent draft and final amendments to the Alaska CIAP plan and will notify Federal agencies when the final Fall 2010 Amendment to the Alaska CIAP Plan is approved.

Each project description included in Appendix B of this Fall 2010 Amendment includes project specific efforts to collaborate with Federal resources and programs.

VII. Plan Implementation Program

A. Introduction to Alaska's Size and Resources

Alaska is the only arctic state in the nation as well as the largest state, with over 663,000 square miles (land and water combined) and 44,500 linear miles of coastline[3]. Alaska amounts to approximately 1/5 of the total United States and has more coastline than all the other U.S. states combined. Alaska is bordered by Canada, to the east, the Gulf of Alaska and the Pacific Ocean to the south, the Bering Sea, Bering Strait, and Chukchi Sea to the west and the Beaufort Sea and the Arctic Ocean to the north[4]

The state's resources are vast. Alaska holds more than 50 percent of the nation's offshore waters, two-thirds of the nation's coastline, 40 percent of the nation's surface water, and over 50 percent of the nation's wetlands and total fish harvest[5]. The state has millions of acres of tidelands and submerged lands and is about 45 percent wetland[6].

With a population of 670,053 people[7], Alaska is the least densely populated state in the nation. Approximately half of the population lives in or around the city of Anchorage. Much of the rest of the population is located in rural coastal communities around the state, few of which are connected by roads. Many communities in northern and western Alaska are isolated. Travel between communities is dependant largely upon air flight, ferry service, or along weather dependant ice roads. Most provisions must be barged in after ice break up at incredible cost. Removal of waste is also by barge and presents a challenge that can often not be met without government assistance. Paying jobs are few and the people of these isolated coastal communities are dependant on the health of the environment to sustain their traditional subsistence lifestyle and to feed their families.

Unlike other states, it is important to note that Alaska has large geographic areas which are not within organized boroughs. There are four coastal resource service areas that provide limited organizational structure and coordination opportunities for coastal

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[3] The Alaska Coastal Management Program Environmental Impact Statement indicates that Alaska's coastline is 33,000 miles long. However, with advances in mapping technology, DCOM ascertains that the number of coastal miles is approximately 44,500).

[4] Benson, Carl (1998-09-02). Alaska's Size in Perspective. Geophysical Institute, University of Alaska Fairbanks

[5] Alaska's Ocean Policy http://www.adfg.state.ak.us/special/oceans/policy.php

[6] Fletcher, K.M, and R. Brownlow. Alaska loses battle for submerged lands. Mississippi-Alabama Sea Grant Legal Program. http://www.olemiss.edu/orgs/SGLC/MS-AL/Water%20Log/dinkum.htm

[7] United states Census Bureau, 2006 estimate

management. However, most services in these areas are dependant on state and federal resources. The CRSAs range in size from approximately 9,400 square miles to over 35,000 square miles and include between 4 and 40 different rural communities, many of which are geographically isolated from one another. The size, number of communities, and isolation contribute to the high cost of doing business in these areas. Each of the four CRSAs are run by a board made up of 7 to 9 individuals from the area.

B. Description of State of Alaska and CPS Goals and Objectives under CIAP

The State of Alaska values the importance of OCS oil and gas development, as well as other resource development, to both the nation and to Alaska. The state understands that resource development comes with certain environmental risks and accepts the responsibility of minimizing environmental impacts. The prevalence of natural hazards in Alaska heightens the environmental risks from resource development. The goal of the Alaska CIAP is to:

- Protect Alaska's coastal areas through wise management of resource development.

Alaska's unique setting, including its size, remoteness and changing climate justify the need for the CIAP projects proposed. While Alaska is dependant on the development of resources through oil and gas exploration, mining, timber harvest and fisheries, the state is also committed to wise management in order to protect environmental resources. This interest guided Alaska's approach to CIAP. In support of the CIAP goal, the objectives of the Alaska CIAP are to:

- Conduct projects that will lead to development of effective mitigation strategies and efficient and responsible resource management through, for example:
    - Acquiring baseline data
    - Analyzing cumulative impacts
    - Gathering information useful to determine impacts of mining, oil and gas, and other development
    - Mitigating adverse environmental impacts of development
    - Training coastal managers
    - Educate the public and enhance environmental stewardship
    - Improving the ability to implement the Alaska Coastal Management Program (ACMP)

- Minimize impacts of natural hazards on coastal areas through, for example:
    - Restoring coastal areas impacted by natural hazards
    - Mapping and researching natural hazard areas

- Fund projects that address the CIAP goal and meet immediate needs.

C. Alaska's Coastal Zone

All of the CIAP projects proposed are within the coastal area or provide environmental benefits to the coastal area. The Alaska Coastal Management Program, a federally approved and funded program under the Federal Coastal Zone Management Act (CZMA), defines "coastal area" as the area within the coastal zone plus Federal lands and waters within the coastal zone boundary and the outer continental shelf off the entire coast of Alaska. (Per Federal regulation, the coastal zone specifically excludes Federal lands). The specific language defining the state's coastal boundary can be found in the ACMP Program Description (http://www.alaskacoast.state.ak.us/Clawhome/handbook/pdf/ACMP_as_amended.pdf).

Alaska's inland coastal area includes areas where the physical and biological processes are a function of direct contact between land and sea, plus areas that are closely affected and influenced by their proximity between land and sea. Generally, this includes areas affected by waves, tides, storm surges, coastal erosion, areas that are likely to be affected by or are vulnerable to sea level rise, critical shoreline habitats, salt marshes, saltwater wetlands, islands, and beaches, wet tundra marshes, and anadromous fish streams. Seaward, the coastal zone extends three miles to the limits of state jurisdiction and includes the outer continental shelf to the 200-mile territorial limit.

The coastal zone in Alaska is the largest in the nation and extends considerably inland in specific locations. For example, in the North Slope Borough, the landward boundary of the coastal zone includes all lands and waters 25 miles inland from the coast plus a one-mile corridor on either side of anadromous fish streams. This corridor can extend up to 150 miles inland. In the Yukon-Kuskokwim Delta region, the coastal zone extends over 180 miles inland and encompasses the entire 36,000 square mile delta. The inland coastal zone boundary in the Northwest Arctic Borough also extends over 180 miles inland in sections. The entire Lake and Peninsula Borough, at 29,560 square miles, is included in the coastal zone, except for glaciers, active volcanic peaks, and perennially snow-capped mountains.

An understanding of the extent of Alaska's coastal resources is critical to understanding Alaska's approach to developing, managing and protecting them.

D. Major Activities to be Funded Under CIAP

All of Alaska's CIAP projects (including state initiated projects, publically solicited projects, legislatively named recipient projects, and CPS projects) are geared toward environmental protection and will thus benefit the natural coastal environment. Each presents a solution to deal with the unique challenges of Alaska, as noted below. All of the state projects address the Alaska CIAP goal *(Protect Alaska's coastal areas through wise management of resource development)* and at least one of the objectives of the Alaska CIAP as identified on page 11 of this plan.

Baseline data and mapping

Alaska's size, isolation and harsh climate present unique resource management challenges not found in the continental United States. The challenge of managing the state's abundant resources to ensure protection of its coastal areas is further heightened by a lack of baseline data. A comprehensive inventory of Alaska's coastal habitats does not exist. Many of the CIAP projects proposed focus on acquisition of baseline data, mapping of habitats, or mapping of natural hazards. Such projects are necessary for natural resource managers to effectively evaluate the potential environmental affects of development in coastal areas in Alaska. It is imperative that managers know what exists and what impacts have occurred or are likely to occur in order to make sound resource management decisions and develop effective avoidance, minimization, and/or mitigation measures to ensure environmental protection. Many of the data gathering projects require several years of observations in order to be valid. To be of value, such projects must be initiated well in advance of when development projects are proposed.

Climate Change

The affects of climate change are felt heavily in Alaska. In September 2007, Governor Palin established the Alaska Climate Change Sub-Cabinet by Executive Order 238 to advise the Office of the Governor on the preparation and implementation of an Alaska Climate Change Strategy. The Executive Order includes the following language:

> *"Scientific evidence shows many areas of Alaska are experiencing a warming trend. Many experts predict that Alaska, along with our northern latitude neighbors, will continue to warm at a faster pace than any other state, and the warming will continue for decades."*

As a result of climate change, sea ice has been melting at increasing speeds. As noted in the State of Alaska's website regarding Alaska's Climate Change Strategy (http://www.climatechange.alaska.gov/) less ice means more open water-which means greater absorption of solar energy-which leads to increased warming in the ocean, and in turn accelerates more ice loss. The Climate Change Strategy indicates that this trend has led to a wide range of impacts in Alaska, including:

- melting glaciers, rising sea levels, and flooding of coastal communities. Warming of oceans and melting of land-based ice increases the volume of ocean water. Loss of sea-ice cover changes habitat for arctic species and leaves coastal communities more exposed to larger waves generated by severe storms.

- thawing permafrost, increased storm severity, and related infrastructure damage to roads, utility infrastructure, pipelines and buildings. Extremes in weather patterns, precipitation and rising sea levels will affect safe water sources in villages, and contributes to increased erosion along Alaska coasts and rivers and undermines Alaska boreal forests.

- loss of the subsistence way of life as animal habitat and migration patterns shift and as hunting and fishing become more dangerous with changing sea and river ice. Warming streams and increased silt from melting glaciers affect fish habitat. Boreal forests advance northward and to higher elevations, displacing tundra. Invasive species compete with native vegetation. Humans, animals and plants may be exposed to new infectious diseases as habitat changes.

- forest fires and insect infestations increasing in frequency and intensity. In the past decade, Alaska has witnessed a record loss of forests to fires and spruce bark beetles.

Several CIAP projects lead to better understanding of the effects of climate change on coastal areas. This information will be useful as local, state and Federal agencies determine how to best protect the coastal areas from potential impact. For example, the villages of Shishmaref, Kivalina, and Newtok have already begun relocation plans. The U.S. Army Corps of Engineers has identified over 160 additional rural communities threatened by erosion. By mapping natural hazards and documenting the rate of erosion in an area, resource managers will be able to prioritize the protection of community infrastructure. If not protected from erosion or other hazards associated with climate change, the risk to the natural environment (from such things as marine debris created from structures eroding into the ocean, or contamination caused by flooding of sewage lagoons and dumpsites, or oil spill) is great.

Community Capacity

Unrelated to climate change, several projects proposed by CPSs and the legislatively named recipients in northern and western Alaska are intended to increase communities' capacity to manage their infrastructure. Many communities in northern and western Alaska are isolated, have little training resources, and minimal infrastructure. This is especially true with the CRSAs. Without proper management, the risk of such things as chemical spills and uncontrolled sewage flow from mismanagement or infrastructure failure increases. Many communities are still on a "honey bucket" system without modern sewage facilities. Harsh weather and great distances between communities increase the cost of doing business in rural Alaska. Waste management for example presents a unique challenge. With no organized trash collection system and often unmaintained or improperly installed dump sites, the risks of environmental impacts increase. While many of the projects proposed have secondary benefits to human health or the economy, the primary focus of the all of the CIAP projects is toward environmental protection.

Alaska Coastal Management Program

Several of the projects proposed will assist in the implementation of the Alaska Coastal Management Program and are consistent with CIAP Authorized Use number 4, *Implementation of a federally-approved marine, coastal or comprehensive conservation management plan*. The Federal Coastal Zone Management Act provides the authority

by which states can manage their coastal areas. The ACMP is a statewide coastal program approved by the National Oceanic and Atmospheric Administration (NOAA). There are 28 active coastal districts within the state. Twenty-five of the districts have their own coastal management plan, which have been approved by the state and NOAA and are part of the Federally approved state program. Three districts are in the process of developing their plan, which once approved by the state and NOAA will become part of the state program. The CZMA establishes that state coastal programs should, in addition to other things, provide for the protection of natural resources, including wetlands, floodplains, estuaries, beaches, dunes, barrier islands, coral reefs, and fish and wildlife and their habitat, within the coastal zone (CZMA, Section 303).

Education

Several CIAP projects strive to educate the public about local environmental issues and offer solutions that will restore, protect, or conserve coastal areas, including those regarding marine debris, pollution reduction, habitat restoration, and effective use of existing management tools such as the ACMP. These projects have the potential to benefit the natural coastal environment as individuals and communities are inspired to make environmentally beneficial decisions and learn to take action to do so. Several of the education projects include an implementation component, or pilot project that provides a direct benefit (such as restoration) to the environment in addition to improving environmental stewardship within communities and fostering coastal protection. It is well known that building awareness and educating people about resources available to them to prevent and provide solutions to environmental damage is one of the best tools to a healthy environment.

E. Description of Public Process - Public Comment Period

DCOM provided the public an opportunity to comment on the Fall 2010 Amendment to the Alaska CIAP Plan, Public Review Draft during a public comment period starting on July 29, 2010 and ending August 31, 2010. DCOM posted the Public Review Draft on DCOM's CIAP web site (http://dnr.alaska.gov/coastal/CIAP/ciap.htm) and hosted a public meeting on the Public Review Draft by teleconference on August 19, 2010. The comment period and public meeting were noticed as follows:

- Published in the Anchorage Daily News – July 30, 2010
- Published in the Juneau Empire- July 30, 2010
- Posted on the State of Alaska Online Public Notice website – July 29, 2010 through August 31, 2010

DCOM received comments from the U.S. Fish and Wildlife Service in relation to the Municipality of Anchorage, Ship Creek Fishing Access Improvements for Stream Bank Protection project. The Municipality modified the project and increased its budget to address the comments. The comments are summarized in Appendix E. Additionally, DCOM received comments from BOEMRE regarding several of the project descriptions. Several of the project descriptions in this Fall 2010 Amendment have been modified

based on guidance from BOEMRE. These modifications are intended to strengthen the justifications for the project and provide clarity. However, no projects were added and no projects were materially changed after the Public Review Draft was posted for public comment.

In 2008, the state received several comments from the public on the 2008 Alaska CIAP Plan, Public Review Draft indicating a wish for broader public solicitation of projects. DCOM committed to considering this request when it amended the CIAP Plan. This Fall 2010 Amendment includes solicitation of projects from the public as directed by the Alaska Legislature.

F. Legislation Affecting Alaska CIAP

Senate Bill 75 (CSSB 75 (FIN)) was passed by the Alaska Legislature on April 19, 2009 and signed into law by Governor Palin on May 21, 2009. Section 39 of this bill appropriates the direct to state portion of CIAP funds as follows[8]:

- $23,067,581.13 to Department of Natural Resources for state agency initiated projects
- $1,373,070.30 to Department of Fish and Game for the Western Alaska Salmon Coalition's Chum and Sockeye Genetic Identification Program
- $13,710,856.08 to the Department of Commerce, Community, and Economic Development for an open solicitation of projects from the public
- $9,340,520.70 to the Department of Commerce, Community, and Economic Development for use by named municipalities and coastal resource service areas

Under the Federal Outer Continental Shelf Lands Act, MMS can only award CIAP funds to one state agency. For Alaska, the Department of Natural Resources, Division of Coastal and Ocean Management is the designated state agency that has the authority to represent and act on behalf of the state in dealing with the Secretary of Interior for purposes of CIAP. CSSB 75 (FIN) did not give DNR the authority needed to accept all of the CIAP funds. On August 14, 2009 the Legislative Budget and Audit Committee (LB&A) provided DNR the authority to accept all of the state's CIAP funds in order to distribute them as specified in the bill. The LB&A also acknowledged that the funds will be reduced to accommodate administrative expenses for DCOM and DCCED. The numbers above represent the allocation after administrative costs have been accommodated. LB&A is a committee composed of five members from the Alaska Senate and five from the Alaska House of Representatives that are responsible for fiscal analysis, budget review, and post-audit functions on an interim basis between legislative sessions.

[8] These numbers reflect adjustments to cover DCOM and DCCED costs to administer CIAP.

G. Discussion of State Decision-Making Process

The Alaska Legislature divided the direct to state portion of the funds into four different categories as described in the previous section. The process used to select projects in each category is described below. While projects in each of the categories may be conducted by an entity other than the state, they will be conducted on behalf of the State of Alaska as established through legislation. For each category, Tier 1 projects were selected that will use all of the funds available for that category. Tier 2 projects were also selected in each category for inclusion in the plan and will serve as back up projects should a Tier 1 project in that category not be carried out.

State Initiated Projects:

DCOM solicited projects from state agencies for inclusion in the 2009 Amendment. DCOM received 65 proposals totaling over $78 million from six different state agencies. A multi agency project review committee reviewed and ranked all of the projects based on the following criteria and provided the Governor's Ocean Policy Cabinet with a recommendation for Tier 1 and Tier 2 projects.

Ranking Criteria:

1. Project Description (Design, Goals and Results): 0-30 Points
2. Demonstrated Need and Potential Benefit: 0-20 points
3. Cost Effectiveness: 0-15 Points
4. Agency and Public Collaboration or Support: 0-10 Points
5. Project Readiness: 0-10 Points
6. Grant Administration and Implementation: 0-10 points
7. Nexus to OCS Oil and Gas Development: 0-5 Points

The Ocean Policy Cabinet is comprised of the commissioners for the Alaska DFG, DNR, Department of Environmental Conservation (DEC), and DCCED, or their designees, plus the governor's fisheries policy advisor, and the governor's director of state/federal relations. The Cabinet reviewed the recommendations and finalized the selection of Tier 1 and Tier 2 projects for inclusion in the 2009 Amendment to the Alaska CIAP Plan. The Tier 2 projects are not listed in any specific order.

Western Alaska Salmon Coalition's Chum and Sockeye Genetic Identification Program

The WASC board selected one Tier 1 project, which will use all of their allocated funding. The four person board includes one representative from Kawerak, Tanana Chiefs Conference, Association of Village Council Presidents, and Bristol Bay Native Association. The board forwarded the project to DFG to forward to DCOM for inclusion in the November 2009 Amendment.

Publically Solicited Projects

DCCED solicited and selected projects from the public for inclusion in the Fall 2010 Amendment in accordance with state CIAP regulations at 3 AAC 196. The Public Solicitation opened on February 1, 2010. Public notice was issued through the Alaska Online Public Notice System, through three newspapers of general circulation: Anchorage Daily News, the Fairbanks Daily News-Minor, and the Juneau Empire, and through six rural newspapers: the Arctic Sounder, the Bristol Bay Times, the Cordova Times, the Dutch Harbor Fisherman, the Nome Nugget, and the Tundra Drums. A website for the Public Solicitation was established at http://www.commerce.state.ak.us/dca/planning/cciap/public solicitation.htm. Electronic copies of the Public Solicitation Guide and the Public Solicitation Application were posted on the website. Hard copies of the guide and application were also provided upon request. DCCED held public information teleconferences to answer questions regarding the call for proposals on February 16, 2010 and March 2, 2010. Both teleconferences were well attended.

The Public Solicitation closed at 5:00 p.m., Friday, March 12, 2010. Sixty- nine applications were submitted, six of which were determined to be non-responsive, either because the application was received after the deadline, or because the application was incomplete. Sixty-three proposals were reviewed, scored and ranked by a multi agency proposal review committee of seven individuals. State agencies as well as a representative from the Denali Commission and the U.S. Fish and Wildlife Service participated in the review. The review committee reviewed and ranked the sixty-three projects based on the following criteria and recommended the selection of Tier 1 and Tier 2 projects:

Ranking Criteria:

1. Project Description (Design, Goals and Results): 0-30 Points
2. Demonstrated Need and Potential Benefit: 0-20 points
3. Cost Effectiveness: 0-10 Points
4. Agency, Community and Public Collaboration or Support: 0-10 Points
5. Project Readiness: 0-10 Points
6. Applicant Grant Administration/Implementation Capabilities: 0-15 points
7. Nexus to OCS Oil and Gas Development: 0-5 Points

The recommendations of the Proposal Review Committee were reviewed by the commissioners, or designees, of DEC, DFG, and DNR and by the governor's fisheries policy advisor. The Commissioner of DCCED made the final proposal selections based on the final scoring calculations and project rankings.

Named Recipients

DCCED initiated contact with the twelve named recipients in September 2009 through the mayor's office or the chair of the coastal resource service area board, as

appropriate. Each recipient conducted their own internal solicitation of projects and involved several local offices in development of their project lists. Each named recipient developed Tier 1 and Tier 2 project lists to address community priorities. The lists were forwarded to DCCED and then to DCOM for inclusion in the Fall 2010 Amendment to the Alaska CIAP Plan.

H. Discussion of CPS Public and Decision-Making Process

DCOM initiated contact with the CPSs through the Mayor's Office of each CPS. The CPSs conducted their own internal solicitation of projects and involved several local offices in development of their project lists. Each CPS developed Tier 1 and Tier 2 project lists to address community priorities, which they forwarded to DCOM for inclusion in the state's CIAP Plan. DCOM worked with the CPSs to ensure that the proposed projects address one of the authorized uses and follow the MMS State Plan Guidelines. All of the CPS projects were available for public comment during the 30 day advertised public comment period associated with the 2008 Alaska CIAP Plan, the 2009 Amendment to the Alaska CIAP Plan or this Fall 2010 Amendment to the Alaska CIAP Plan. In addition to the public comment periods, several of the CPSs involved the public by including their municipal or borough assemblies and mayors in the solicitation and decision making process. The following information was provided to the state by the CPSs and gives specific examples of how each CPS involved the public and made their decisions as to which projects to include in the Alaska CIAP Plan and associated amendments:

Municipality of Anchorage

The Municipality of Anchorage proposes to use its CIAP funds for several creek restoration and protection projects in various Anchorage watersheds. Anchorage chose these projects because they address goals and objectives already established in Anchorage's comprehensive plan, which has been endorsed by the Anchorage Planning and Zoning Commission and adopted by the Anchorage Assembly through a public process. The projects build on current creek restoration and education projects. Several other public plans and documents also identify the proposed projects as having high value. For example, the ADF&G, the U.S. Fish and Wildlife Service, NOAA and other *Salmon in the City* partners fully support the projects. Restoring and sustaining salmon and salmon habitat in the Anchorage watersheds is an Anchorage-area priority for the ADF&G Sport Fish Division and the Southeast Sustainable Salmon Fund.

Bristol Bay Borough

The Bristol Bay Borough has just a single scoping project totaling $21,803. The Borough Planning Commission and Borough Assembly voted in support of using CIAP funds for this project in a public meeting.

Kenai Peninsula Borough

The Kenai Peninsula Borough solicited input from communities in the borough, service organizations and state and Federal agencies to develop their project list. The projects nominated were ranked by a selection committee made up of representatives from the borough planning department, the Kenai River Center (a local, state and Federal multi agency facility) and the borough mayor's office. The selection committee ranked all of the projects nominated according to objective standards and forwarded them through the mayor's office to the Kenai Peninsula Borough Assembly. The assembly passed a resolution in support of the projects that are included in the state's 2009 Amendment to the Alaska CIAP Plan in a public meeting that was duly noticed.

Kodiak Island Borough

The Kodiak Island Borough Community Development Department (CDD) staff developed a list of projects based on prior projects that had been initiated and/or vetted through a public process. For example, the mapping project builds on a recently revised coastal management plan, which was the product of many public meetings held by the borough's Planning and Zoning Commission. The two projects related to wetland restoration and education are the result of findings made by an ad hoc All Terrain Vehicle (ATV) Stakeholders Committee, which was appointed by the borough assembly to review ATV and trail use. The borough recently completed a three year pre-hazard mitigation plan process (in conjunction with FEMA and the State of Alaska, Division of Homeland Security and Emergency Management) during which several public meetings were held. The Tier 2 erosion study project would build on this study. The CDD informally consulted with and received input on project development from the Kodiak Island Borough Manager's Office, Planning and Zoning Commission, and Parks and Recreation Committee.

Matanuska –Susitna Borough

The borough selected its two proposed projects based on requests for such information from the public, state and Federal agencies, and a technical science committee. These requests highlighted a gap in data.

Lake and Peninsula Borough

The Lake and Peninsula Borough Planning Department assembled its list of CIAP projects and discussed the projects with the communities in which the projects would occur. The borough worked with the local school district and teachers to develop the erosion tracking project. The Lake and Peninsula Borough Assembly and Planning Commission passed motions of support for the borough's CIAP projects.

North Slope Borough

The North Slope Borough's Departments of Wildlife Management, Law, Planning and Community Services, and Health, together with the Mayor's Office worked jointly

to prioritize needs and select the borough's CIAP projects. These departments have extensive contact with the public and receive guidance from Borough Planning Commission members and Borough Assembly. They based their decision of CIAP projects on their experience and knowledge regarding the widespread lack of adequate, up-to-date baseline data for many species and habitats, as well as the widely perceived need to improve public participation and local voice in the natural resources management decision-making processes. Of particular concern are the rapidly changing terrestrial and marine habitats along the coast of the Beaufort and Chukchi Seas, and the potential activities planned by oil and gas companies.

North West Arctic Borough

The Northwest Arctic Borough Department of Grants and Community Development developed the borough's Tier 1 and Tier 2 proposals in collaboration with the Planning Department and Public Services Department to address longstanding community issues related to water and sewer systems, solid waste management, and other activity or development that can have negative impacts on the environment. The issues and proposed projects to address them reflect top priorities stated in the village community plans and in the borough and village legislative priorities annually submitted to the State legislature. A committee of representatives from the Maniilaq (regional health consortium) environmental program, the Native Village of Kotzebue environmental program, and the borough assembly reviewed, scored and prioritized the new FY09-FY10 proposals. The borough mayor and assembly further prioritized the list to ensure compatibility with the borough's strategic plan prior to submitting it to the state.

I. Management, Implementation, and Monitoring of Alaska CIAP

Direct to State Funding

As the designated state agency, DCOM has the authority to manage, implement, and monitor the Alaska CIAP. All contact with BOEMRE regarding the use of the direct to state funding will be through DCOM. All grant applications for the direct to state CIAP funds will be submitted to BOEMRE by DCOM, and all CIAP funds will be issued from BOEMRE to DCOM. For the state agency initiated projects, DCOM will establish a Reimbursable Services Agreement (RSA) after BOEMRE awards a grant to transfer CIAP funds to the agency conducting the project. Each agency has an established accounting system through which they track project and grant expenditures. The agency will report to DCOM who in turn will report to BOEMRE. For the WASC project, DCOM will use an RSA to transfer the funds to DFG. DFG will sub award the grant to WASC. Those projects that will be conducted by the 12 legislatively named recipients and those projects solicited through the open public solicitation will be conducted on behalf of the state. DCOM will use the RSA process to transfer the funds to DCCED, who will then sub award the funds to the entity conducting the project. This process is consistent with the legislative intent and state regulations at 3 AAC 196. DCOM and DCCED will follow all state procurements rules in the sub awarding of CIAP funds.

DCOM will monitor project progress for all projects funded with the direct to state portion of CIAP by maintaining regular communication with DCCED and the project contacts, as appropriate, and through BOEMRE required progress reports. Project contacts will provide DCOM with progress reports that focus on achievement of milestones, progress on measurable objectives, and unexpected challenges. DNR's Financial Services Section will track expenditures for each CIAP projects. At a project's conclusion, DCOM will verify and document the successful completion of the measurable outcomes. Should the outcomes not be met, DCOM will work with the project contact to determine the steps and budget necessary to complete the project. If a project funded with direct to state CIAP funding changes courses or falls short of projected outcomes, DCOM will work as a liaison between the project proponent and BOEMRE in order to keep BOEMRE apprised of project revisions or to amend the grant as needed.

Direct to CPS Funding

DCOM worked closely with the CPSs as they developed their project proposals to ensure BOEMRE Guidelines were met. The CPSs project proposals are included in the Alaska CIAP plan. However, the CPSs will apply for and manage their grants independent of the State. The CPSs will work directly with BOEMRE on approval of the grants and dispersal of the funds. Each CPS will monitor the progress of their individual projects and provide grant reports directly to BOEMRE. DCOM will request copies of the annual grant reports from the CPSs. Each CPS has an established accounting system through which they will track project and grant expenditures. The state will assist the CPSs, as needed, to review grant proposals or to assist in discussions with BOEMRE.

DCOM will review the CIAP plan annually and will update that plan to incorporate project changes that have occurred through the grant process, as required by BOEMRE.

J. Estimate of Funds to be Spent on Each Authorized Use

Pursuant to the Act, Alaska and each of the Alaska CPSs shall use all amounts received under CIAP for one or more of the following five authorized uses:

Authorized Uses:

1. Projects and activities for the conservation, protection, or restoration of coastal areas, including wetland.

2. Mitigation of damage to fish, wildlife, or natural resources.

3. Planning assistance and the administrative costs of complying with CIAP.

4. Implementation of a federally-approved marine, coastal or comprehensive conservation management plan.

5. Mitigation of the impact of OCS activities through funding of onshore infrastructure projects and public service needs.

All of the projects in the approved 2008 Alaska CIAP Plan and each subsequent amendment are consistent with at least one of the five authorized uses noted above. The following tables show estimates of the funds by state and CPS that will be spent on each authorized use per allocation year. Funding for previously approved Tier 1 projects and those Tier 1 projects proposed in this Fall 2010 Amendment are included. Tier 2 projects are not included. For those projects that address more than one authorized use, only the primary authorized use is considered.

Direct to State Funding: Estimate of funds to be spent on each authorized use ($)

Authorized Use	FY 2007	FY 2008	FY 2009	FY 2010	TOTAL
1	175,000.00	895,000.00	17,895,070.31	13,646,077.85	**32,611,148.16**
2	0.00	125,000.00	125,000.00	1,773,164.00	**2,023,164.00**
3	1,250.00	122,914.00	2,944,404.40	1,485,027.66	**4,553,596.06**
4	1,400,000.00	433,336.00	3,392,245.00	7,201,350.00	**12,426,931.00**
5	0.00	0.00	0.00	0.00	**0.00**
TOTAL	**1,576,250.00**	**1,576,250.00**	**24,356,719.71**	**24,105,619.51**	**51,614,839.22**

Direct to CPS Funding: Estimate of funds to be spent on each authorized use[9] ($)

Authorized Use	FY 2007	FY 2008	FY 2009	FY 2010	TOTAL
1	**322,753.53**	**403,378.01**	**8,710,243.14**	**9,922,456.37**	**19,358,831.05**
2	**284,215.00**	**329,215.00**	**2,015,889.00**	**2,587,074.26**	**5,216,393.26**
3	**60,564.00**	**60,484.00**	**692,457.68**	**381,472.00**	**1,194,977.68**

[9] Due to rounding, the numbers on this table are slightly different from those in Appendix A.

4	**181,215.00**	**55,670.52**	**1,696,568.52**	**88,948.79**	**2,022,402.83**
5	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
TOTAL	**848,747.53**	**848,747.53**	**13,115,158.34**	**12,979,951.42**	**27,792,604.82**

VIII. Project Amendment Status

The following lists include all the projects that are part of the Alaska Coastal Impact Assistance Program. It includes all projects that were approved as part of the 2008 Alaska CIAP Plan and the March 2010 Amendment, provided they are being retained, plus the new projects proposed in this Fall 2010 Amendment. The original approval and subsequent project modifications are indicated. The projects that have not been previously approved by MMS or BOEMRE have a status of "Proposed."

A. State of Alaska Tier 1 Projects - Status

(Projects funded with the direct to state portion of CIAP)

Tier 1 - State Agency Initiated Projects		
Project ID Number	**Project Title**	**Status**
AKCIAP_SOA_T1-01	Stikine River Mining Activity Risk Assessment	2008: Approved March 2010: Changed project contact-Approved
AKCIAP _SOA_T1-02	ShoreZone Mapping	2008: Approved March 2010: Revised funding years and deliverables-Approved
AKCIAP _SOA_T1-03	Fish Monitoring Program	2008: Approved March 2010: Revised funding years-Approved
AKCIAP _SOA_T1-04	Current Measurements in Potential Oil Exploration and/or Development Areas of the Landfast Ice Zone of the Chukchi Sea	2008: Approved March 2010: Changed project location-Approved
AKCIAP _SOA_T1-05	Matanuska-Susitna Trail Rehabilitation and Wetland Restoration	2008: Approved March 2010: Revised funding years and project contact-Approved
AKCIAP _SOA_T1-06	Mertarvik Community/Waterfront Strategic Management Plan	2008: Approved March 2010: Changed title to better reflect scope of work-Approved
AKCIAP _SOA_T1-07	Newtok Environmental Site Inventory and Assessment	2008: Approved
AKCIAP _SOA_T1-08	Administration of the Alaska Coastal impact Assistance Program	2008: Approved March 2010: Increased budget-Approved

		Fall 2010: Increased Budget
AKCIAP _SOA_T1-09	Coastal Processes Seminars	2008: Approved
AKCIAP _SOA_T1-10	Geohazards Evaluation and Geologic Mapping for Coastal Communities	2008: Approved March 2010: Increased budget; Revised funding year-Approved Fall 2010: Reduced budget
AKCIAP _SOA_T1-11	Alaska Monitoring and Assessment Program - Chukchi Sea Coastal Survey	2008: Approved March 2010: Increased budget and sampling-Approved
AKCIAP _SOA_T1-12	Monitoring Steller Sea Lions at Remote Sites in the Bering Sea	2008: Approved March 2010: Revised funding years-Approved
AKCIAP _SOA_T1-13	Hydro-acoustic Monitoring of Ambient Noise and Marine Mammals in the Chukchi Sea	2008: Approved March 2010: Revised funding years-Approved
AKCIAP _SOA_T1-14	Local and Regional Spill Prevention and Response Planning	2008: Approved as Tier 2 March 2010: Moved to Tier 1. Revised budget, timeline and project contact - Approved
AKCIAP_ SOA_T1-15	ADF&G Special Area Notebook	March 2010: Approved
AKCIAP_ SOA_T1-16	Kuk River and Kugrua River Stream Surveys - Baseline Fish Data Collection	March 2010: Approved
AKCIAP_ SOA_T1-17	Imagery Basemap and Elevation Model for Alaska Coastal Districts	March 2010: Approved
AKCIAP_ SOA_T1-18	Identification of Critical Habitat Areas: Caribou Calf Survival, Weight Gain, and Recruitment in Relation to Habitat Use	Fall 2010: Proposed
AKCIAP_ SOA_T1-19	Community Mapping for Southeast Alaska	March 2010: Approved
AKCIAP_ SOA_T1-20	Evaluating the Distribution and Status of Polar Bears to Improve Oil and Gas Mitigation in the Chukchi Sea	March 2010: Approved
AKCIAP_ SOA_T1-21	Evaluation of Bird Deterrent Techniques to Protect Coastal Areas from Oil Spills	Fall 2010: Proposed
AKCIAP_ SOA_T1-22	Anadromous Cataloging in Bristol Bay and Cook Inlet-Shelikof Drainages	March 2010: Approved
AKCIAP_ SOA_T1-23	Subsistence Fish Surveys and Life History Research – Chipp/Ikpikpuk, Topagoruk, Meade and Inaru River Drainages	March 2010: Approved
AKCIAP_ SOA_T1-24	Hydrocarbon Contaminant Assessment of Pribilof Island Rock Sandpipers in Cook Inlet	March 2010: Approved
AKCIAP_ SOA_T1-25	Development of Inventory/Action Plans for Pollution from Eroding Contaminated Sites, Landfills, and Dumps	March 2010: Approved
AKCIAP_ SOA_T1-26	Population Delineation, Distribution, and Seasonal Habitat Use of the Alaskan Breeding Population of Steller's Eiders	March 2010: Approved
AKCIAP_ SOA_T1-27	Environmental Contaminant Monitoring in Coastal Ecosystems: selected sites for filling	Fall 2010: Proposed

	information gaps in the Aleutian Islands, Gulf of Alaska and Southeast in order to evaluate the impact of persistent environmental pollutants on coastal areas	
AKCIAP_ SOA_T1-28	Implementation of StreamStats for the Cook Inlet Area, Alaska	March 2010: Approved
AKCIAP_ SOA_T1-29	Offshore Oil/Gas Wastewater Study	March 2010: Approved
AKCIAP_ SOA_T1-30	Alaska Community Coastal Protection Project	Fall 2010: Proposed

Tier 1 - Western Salmon Coalition Project

Project ID Number	Project Title	Status
AKCIAP_ WASC_T1-01	Western Alaska Salmon Coalition (WASC) Chum and Sockeye Genetic Identification Program	March 2010: Approved Note; The approved budget for this project will be reduced by $6,680 through the grant process. This reduction is a result of the December 2009 reduction in allocation to Alaska. Appendix A reflects the reduced budget

Tier 1- Publically Solicited Projects

Project ID Number	Project Title	Status
AKCIAP_PUB_T1-01	Barrow Area Information Database (BAID) Decision Support Tools Development Project	Fall 2010: Proposed
AKCIAP_PUB_T1-02	Campbell Creek Estuary CIAP Project	Fall 2010: Proposed
AKCIAP_PUB_T1-03	Arctic Ecosystem Integrated Survey	Fall 2010: Proposed
AKCIAP_PUB_T1-04	Net and Debris Removal in Key Locations in the Waters Associated with the Ketchikan Gateway Borough	Fall 2010: Proposed
AKCIAP_PUB_T1-05	Bristol Bay Anadromous Waters Research & Protection	Fall 2010: Proposed
AKCIAP_PUB_T1-06	Walrus Diets in Bristol Bay: Conservation Concerns and Environmental Monitoring	Fall 2010: Proposed
AKCIAP_PUB_T1-07	Health Assessment of Alaska Marine Mammals to Understand and Mitigate the Effects of Minerals Development and Climate Change	Fall 2010: Proposed
AKCIAP_PUB_T1-08	North Road Pipeline Extension, Crossings for Salmon Streams	Fall 2010: Proposed

AKCIAP_PUB_T1-09	Beluga Slough Trail Reconstruction to Restore Wetlands	Fall 2010: Proposed
AKCIAP_PUB_T1-10	Circulation Studies of Kachemak Bay, Alaska Using Satellite-Tracked Drifters	Fall 2010: Proposed
AKCIAP_PUB_T1-11	Alaska Clean Harbors: Educating for Long-term Pollution Reduction for Alaska's Harbors	Fall 2010: Proposed
AKCIAP_PUB_T1-12	Stream Temperature Monitoring Network for Cook Inlet Salmon Streams and Wetland Areas	Fall 2010: Proposed
AKCIAP_PUB_T1-13	Alaska Marine Debris Removal and Assessment	Fall 2010: Proposed
AKCIAP_PUB_T1-14	South Point Higgins Beach Acquisition	Fall 2010: Proposed
AKCIAP_PUB_T1-15	Real-time Surface Current Mapping for Conserving and Protecting the Coastal Environment of the Western Alaskan Beaufort Sea	Fall 2010: Proposed
AKCIAP_PUB_T1-16	Coastal GIS Module of the Southeast Alaska GIS Library	Fall 2010: Proposed
AKCIAP_PUB_T1-17	What is in Store for Pacific Salmon? Body Condition Indices of Chinook and Chum Salmon During Marine Migration and Ties to Disease and Trace Elements	Fall 2010: Proposed
AKCIAP_PUB_T1-18	Regional Monitoring of Coastal Waters Through Community-Based Partnership	Fall 2010: Proposed
AKCIAP_PUB_T1-19	Shakespeare Creek Restoration Project	Fall 2010: Proposed
AKCIAP_PUB_T1-20	White Mountain River/Bay Clean-Up	Fall 2010: Proposed

Tier 1 - Named Recipient Projects (Municipalities and Coastal Resource Service Areas)		
Project ID Number	**Project Title**	**Status**
Aleutians East Borough		
AKCIAP_NR_AEB_T1-01	Create a Resource Development Land Use Permitting System to Protect Coastal Resources in the Aleutians East Borough Resource Development District	Fall 2010: Proposed
AKCIAP_NR_AEB_T1-02	Cold Bay Boat Ramp Rehabilitation Project	Fall 2010: Proposed
AKCIAP_NR_AEB_T1-03	Nelson Lagoon Coastal Erosion Study Project	Fall 2010: Proposed
AKCIAP_NR_AEB_T1-04	Educational Pamphlet: Protecting the Coastline and Wildlife from Fuel Oil and Debris	Fall 2010: Proposed
Aleutians West CRSA		
AKCIAP_NR_AWCRSA_T1-01	Unalaska Lake Restoration	Fall 2010: Proposed
AKCIAP_NR_AWCRSA_T1-02	Lower Iliuliuk River Restoration	Fall 2010: Proposed
Bering Straits CRSA		
AKCIAP_NR_BSCRSA_T1-01	Coastal Management Plan Update	Fall 2010: Proposed

AKCIAP_NR_BSCRSA_T1-02	Educating Bering Straits Communities and Agencies to Protect Coastal Areas of the Bering Straits	Fall 2010: Proposed
AKCIAP_NR_BSCRSA_T1-03	Bering Straits CRSA CIAP Administration	Fall 2010: Proposed
AKCIAP_NR_BSCRSA_T1-04	Identification of Important Wildlife to Protect Coastal Areas of St. Lawrence Island	Fall 2010: Proposed
AKCIAP_NR_BSCRSA_T1-05	Protecting and Conserving Subsistence in Coastal Areas	Fall 2010: Proposed
AKCIAP_NR_BSCRSA_T1-06	Outreach and Education to Protect Coastal Areas	Fall 2010: Proposed
AKCIAP_NR_BSCRSA_T1-07	Coastal Habitat Restoration Project	Fall 2010: Proposed
AKCIAP_NR_BSCRSA_T1-08	Improving Waste Disposal to Protect Coastal Areas:- An Education and Implementation Project	Fall 2010: Proposed
Bristol Bay CRSA		
AKCIAP_NR_BBCRSA_T1-01	Nushagak –Mulchatna Rivers Watershed Anadromous Fish Distribution	Fall 2010: Proposed
AKCIAP_NR_BBCRSA_T1-02	Nushagak Bay Research and Education Project	Fall 2010: Proposed
AKCIAP_NR_BBCRSA_T1-03	Nushagak River Watershed Instream Flow Protection	Fall 2010: Proposed
AKCIAP_NR_BBCRSA_T1-04	Native Lands Conservation Protection	Fall 2010: Proposed
AKCIAP_NR_BBCRSA_T1-05	Dillingham Watershed Ecosystem Research and Learning Project	Fall 2010: Proposed
AKCIAP_NR_BBCRSA_T1-06	Composting Toilets for Coastal Water Quality Improvement	Fall 2010: Proposed
AKCIAP_NR_BBCRSA_T1-07	Nushagak Watershed Invasive Species Project	Fall 2010: Proposed
AKCIAP_NR_BBCRSA_T1-08	Wood-Tikchik Park Clean-Up and Pollution Prevention Program	Fall 2010: Proposed
AKCIAP_NR_BBCRSA_T1-09	Togiak Coastal, Subsistence and Recreation Access (Phase 1)	Fall 2010: Proposed
AKCIAP_NR_BBCRSA_T1-10	Bristol Bay Round Island Youth Stewardship Program	Fall 2010: Proposed
AKCIAP_NR_BBCRSA_T1-11	Ekwok Landfill Bridge Engineering and Environmental Design	Fall 2010: Proposed
AKCIAP_NR_BBCRSA_T1-12	New Stuyahok Landfill Improvement to Protect the Coastal Environment	Fall 2010: Proposed
Ceñaliulriit CRSA		
AKCIAP_NR_CCRSA_T1-01	“Our Living Lands and Waters” - Unguwalrea Nunavut Meqllu Community Project Monitoring & Surveillance	Fall 2010: Proposed
AKCIAP_NR_CCRSA_T1-02	“Our Living Lands and Waters” - Unguwalrea Nunavut Meqllu Coastal Services Environmental Monitoring and Surveillance	Fall 2010: Proposed
AKCIAP_NR_CCRSA_T1-03	“Our Living Lands and Waters” - Unguwalrea Nunavut Meqllu Coastal Services Strategic Partnerships Initiative	Fall 2010: Proposed
AKCIAP_NR_CCRSA_T1-04	“Our Living Lands and Waters” - Unguwalrea Nunavut Meqllu UNMI Portal	Fall 2010: Proposed
AKCIAP_NR_CCRSA_T1-05	Ceñaliulriit CRSA CIAP Project Management	Fall 2010: Proposed

	and Administration	
City and Borough of Juneau		
AKCIAP_NR_CBJ_T1-01	Habitat Mapping and Analysis Project	Fall 2010: Proposed
City and Borough of Sitka		
AKCIAP_NR_CBS_T1-01	Sitka Swan Lake Restoration Project	Fall 2010: Proposed
City and Borough of Wrangell		
AKCIAP_NR_CBW_T1-01	Protecting Coastal Areas through Waste Management Improvement	Fall 2010: Proposed
City and Borough of Yakutat		
AKCIAP_NR_CBY_T1-01	Yakutat Coastal Restoration and Conservation Education Project	Fall 2010: Proposed
Haines Borough		
AKCIAP_NR_HB_T1-01	Brown Parcel Acquisition and Conservation	Fall 2010: Proposed
AKCIAP_NR_HB_T1-02	Sawmill Road Fish Passage Improvement	Fall 2010: Proposed
Ketchikan Gateway Borough		
AKCIAP_NR_KGB_T1-01	South Point Higgins Beach Acquisition and Protection	Fall 2010: Proposed
AKCIAP_NR_KGB_T1-02	Oil Spill Remediation at Ward Cove	Fall 2010: Proposed
AKCIAP_NR_KGB_T1-03	Debris Clean-up from Ward Cove Dock	Fall 2010: Proposed
AKCIAP_NR_KGB_T1-04	Point Susan Road Culvert Replacement	Fall 2010: Proposed
Municipality of Skagway		
AKCIAP_NR_MOS_T1-01	Skagway Small Boat Harbor Improvement – Phase B	Fall 2010: Proposed

B. State of Alaska Tier 2 Projects - Status

(These projects will only be funded with the direct to state portion of CIAP funding should a Tier 1 project within its category be canceled.)

Tier 2- State Agency Initiated Projects		
Project ID Number	**Project Title**	**Status**
AKCIAP_SOA_T2-01	Geographic Response Strategies (GRS) Project	2008: Approved March 2010: Moved to Tier 1(Project 14)
AKCIAP_SOA_T2-02	Potential Places of Refuge Project (PPOR)	2008: Approved March 2010: Moved to Tier 1(Project 14)
AKCIAP_SOA_T2-03	Emergency Towing Systems (ETS) for Alaska	2008: Approved March 2010: Moved to Tier 1(Project 14)
AKCIAP_SOA_T2-04	Coastal Community Spill Response Capability	2008: Approved

	Enhancement	March 2010: Moved to Tier 1(Project 14)
AKCIAP_SOA_T2-05	Alaska Monitoring and Assessment Program (AKMAP) Alaska Bering Sea Coastal Survey	2008: Approved
AKCIAP_SOA_T2-06	Mercury Deposition Monitoring in Coastal Alaska	2008: Approved
AKCIAP_SOA_T2-07	Knik River Public Use Area Erosion Control	2008: Approved
AKCIAP_SOA_T2-08	Kachemak Bay Drainage Basin Sustainable Access Routes Reservation and Improvement	2008: Approved
AKCIAP_SOA_T2-09	Alaska Coastal Management Program Implementation Workshops	2008: Approved
AKCIAP_SOA_T2-10	Marine Debris Clean-up	2008: Approved
AKCIAP_SOA_T2-11	Yukon-Kuskokwim Delta Community Subsistence Observation Network	March 2010: Approved
AKCIAP_SOA_T2-12	Assessment of Ice Seal Populations Using Biological Samples from the Subsistence Harvest in Alaska	March 2010: Approved
AKCIAP_SOA_T2-13	Monitoring the Harvest of Four Species of Ice Seals in Alaska	March 2010: Approved
AKCIAP_SOA_T2-15	Identification and Characterization of Archaeological and Historical Sites for Conservation Planning in Coastal Alaska	March 2010: Approved
AKCIAP_SOA_T2-16	Klawock Estuary Restoration	March 2010: Approved
AKCIAP_SOA_T2-17	Chukchi Sea and Norton Sound Community Observation Network	March 2010: Approved
AKCIAP_SOA_T2-18	Kenai Forest Road Condition Survey	March 2010: Approved
AKCIAP_SOA_T2-19	Crooked Creek State Recreation Site Bank Restoration	March 2010: Approved
AKCIAP_SOA_T2-20	Use of Beach Wildrye to Stabilize Coastal Berms	March 2010: Approved
AKCIAP_SOA_T2-21	Monitoring Storm Surge in Western Alaska	March 2010: Approved
AKCIAP_SOA_T2-23	Erosion Protection and Stream Bank Restoration	March 2010: Approved

Tier 2 - Publically Solicited Projects		
Id Number	**Project Title**	**Status**
AKCIAP_PUB_T2-01	Seward NE Harbor Fish Cleaning Station	Fall 2010: Proposed
AKCIAP_PUB_T2-02	Expansion of the Alaska ShoreZone Habitat Mapping and Inventory Partnership to the Aleutian Islands, Western, and Arctic Coasts Expansion of the Alaska ShoreZone Habitat Mapping and Inventory Partnership to the Aleutian Islands, Western, and Arctic Coasts	Fall 2010: Proposed
AKCIAP_PUB_T2—03	Auke Lake Launch Ramp	Fall 2010: Proposed
AKCIAP_PUB_T2—04	Prince William Sound and the Copper	Fall 2010: Proposed

	River/Bering Glacier Ecosystems: Building an Educational Knowledge Base for Climate Impact Mitigation	
AKCIAP_PUB_T2--05	Woodard Creek Rehabilitation, Phase I - Planning and Design	Fall 2010: Proposed
AKCIAP_PUB_T2--06	Coastal Wetlands Protection in Southeast Alaska: An Assessment and Credit-Debit Tool for Compensatory Mitigation	Fall 2010: Proposed
AKCIAP_PUB_T2-07	Restoration and Mitigation Opportunities for Juneau Watersheds	Fall 2010: Proposed
AKCIAP_PUB_T2-08	Alaska CoastWatch	Fall 2010: Proposed
AKCIAP_PUB_T2-09	Alaska Coastal Observation Network (ACON) – An Educational Component on How to Conduct Remote Coastal Observations and Analysis of Changing Shorelines to Protect Coastal Areas	Fall 2010: Proposed
AKCIAP_PUB_T2-10	Movement and Growth of Juvenile Salmon in an Upland and Wetland Stream	Fall 2010: Proposed
AKCIAP_PUB_T2-11	Fish Waste Compost Project for Improved Nushagak Watershed Environment	Fall 2010: Proposed
AKCIAP_PUB_T2-12	Matanuska River Debris/Junk Removal	Fall 2010: Proposed
AKCIAP_PUB_T2-13	Potter Marsh Watershed Corridor: Conservation from Anchorage's Sea to Tundra for People and Wildlife	Fall 2010: Proposed

Tier 2 - Named Recipient Projects (Municipalities and Coastal Resource Service Areas)		
Aleutians East Borough		
AKCIAP_NR_AEB_T2-01	Akutan Wildlife Hazards Beach Clean-Up	Fall 2010: Proposed
Aleutians West CRSA		
AKCIAP_NR_AWCRSA_T2-01	Artificial Benthic Reef	Fall 2010: Proposed
AKCIAP_NR_AWCRSA_T2-02	Fish Passage Restoration - Morris Cove	Fall 2010: Proposed
AKCIAP_NR_AWCRSA_T2-03	Areawide Educational Signage	Fall 2010: Proposed
AKCIAP_NR_AWCRSA_T2-04	Derelict Vessel Removal in Captains Bay (Columbia Barge)	Fall 2010: Proposed
Bering Straits CRSA		
AKCIAP_NR_BSCRSA_T2-01	Education for Effective Local Participation During Agency Planning and Permitting to Enhance Protection of Coastal Areas	Fall 2010: Proposed
AKCIAP_NR_BSCRSA_T2-02	Marine Debris Cleanup to Restore and Protect Coastal Areas	Fall 2010: Proposed
AKCIAP_NR_BSCRSA_T2-03	Educate the Pubic on How to Effectively Respond to Environmental Change in Teller	Fall 2010: Proposed
AKCIAP_NR_BSCRSA_T2-04	Educate the Public on How to Effectively Respond to Environmental Change in Golovin	Fall 2010: Proposed

Bristol Bay CRSA		
AKCIAP_NR_BBCRSA_T2-01	Nushagak –Mulchatna Rivers Watershed Water Quality Data	Fall 2010: Proposed
AKCIAP_NR_BBCRSA_T2-02	Native Lands Conservation Protection	Fall 2010: Proposed
AKCIAP_NR_BBCRSA_T2-03	Ekwok Landfill Bridge Engineering and Environmental Design	Fall 2010: Proposed
AKCIAP_NR_BBCRSA_T2-04	New Stuyahok Landfill Improvement Project	Fall 2010: Proposed
AKCIAP_NR_BBCRSA_T2-05	Bristol Bay Coastal Resource Service Area Community Outreach and Education	Fall 2010: Proposed
Ceñaliulriit CRSA		
AKCIAP_NR_CCRSA_T2-01	Ceñaliulriit Clean Coast Initiative (3CI):Solid Waste Assessment and Best Practices Training	Fall 2010: Proposed
AKCIAP_NR_CCRSA_T2-02	Ceñaliulriit Clean Coast Initiative (3CI):Fuel Handling Assessments and Best Practices Training	Fall 2010: Proposed
AKCIAP_NR_CCRSA_T2-03	Ceñaliulriit Clean Coast Initiative (3CI) Subsistence Camp Clean-Up and Best Practices	Fall 2010: Proposed
City and Borough of Wrangell		
AKCIAP_NR_CBW_T2-01	Storm Water Assessment and Management Plan	Fall 2010: Proposed
AKCIAP_NR_CBW_T2-02	Heritage Harbor Storm Water Treatment System Development	Fall 2010: Proposed
AKCIAP_NR_CBW_T2-03	Wrangell Coastal Resources Interpretive Signage	Fall 2010: Proposed
AKCIAP_NR_CBW_T2-04	Wrangell Community Waterfront Strategic Management Plan	Fall 2010: Proposed
City and Borough of Yakutat		
AKCIAP_NR_CBY_T2-01	Yakutat Waste Management and Recycling Program	Fall 2010: Proposed
Ketchikan Gateway Borough		
AKCIAP_NR_KGB_T2-02	Removal of the M/V Annette	Fall 2010: Proposed

C. Coastal Political Subdivision Tier 1 Projects- Status

Tier 1- Municipality of Anchorage		
Project Id Number	**Project Title**	**Status**
AKCIAP_CPS_MOA_T1-01	Lower Little Campbell Creek Channel Restoration to Mitigate Impacts to Fish	2008: Approved March 2010: Revised Scope - Approved

AKCIAP_CPS_MOA_T1-02	Campbell Creek Estuary CIAP Conservation Project	March 2010: Approved
AKCIAP_CPS_MOA_T1-03	South Fork Little Campbell Creek Mitigation of Impacts to Fish Passage	March 2010: Approved
AKCIAP_CPS_MOA_T1-04	Chester Creek Channel Restoration to Mitigate Impacts to Fish Habitat	March 2010: Approved

Tier 1- Bristol Bay Borough		
Project Id Number	**Project Title**	**Status**
AKCIAP_CPS_BBB_T1-01	Preliminary Fish Wastes Disposal Study	March 2010: Approved

Tier 1- Kenai Peninsula Borough		
Project Id Number	**Project Title**	**Status**
AKCIAP_CPS_KPB_T1-01	Crooked Creek Bank Restoration and Habitat Protection	2008: Approved
AKCIAP_CPS_KPB_T1-02	Kasilof Personal use Fisheries Habitat Protection	2008: Approved
AKCIAP_CPS_KPB_T1-03	Crooked Creek State Recreational Area River Bank Restoration	2008: Approved March 2010: Increased budget and scope - Approved
AKCIAP_CPS_KPB_T1-04	CIAP Planning and Administration – KPB	2008: Approved March 2010: Increased budget - Approved
AKCIAP_CPS_KPB_T1-05	Beluga Slough Trail Reconstruction	March 2010: Approved
AKCIAP_CPS_KPB_T1-06	Aerial Photography /Satellite Imagery of the Kenai Peninsula Borough	March 2010: Approved
AKCIAP_CPS_KPB_T1-07	Adopt-A-Stream Program	March 2010: Approved
AKCIAP_CPS_KPB_T1-08	Recreation Area Sanitation	March 2010: Approved
AKCIAP_CPS_KPB_T1-09	Flood Plain Development Survey Benchmarks	March 2010: Approved
AKCIAP_CPS_KPB_T1-10	Kenai River Near Bank Turbidity Study	March 2010: Approved
AKCIAP_CPS_KPB_T1-11	Stream Channel and Elevation Modeling in the Seward Bear Creek Flood Service Area (SBCFSA)	March 2010: Approved
AKCIAP_CPS_KPB_T1-12	Kenai Peninsula Borough Habitat Code Review and Revision	March 2010: Approved
AKCIAP_CPS_KPB_T1-13	Seward Weather and Ocean Observing Station	March 2010: Approved
AKCIAP_CPS_KPB_T1-14	Kachemak Drive Bluff Erosion Study	March 2010: Approved
AKCIAP_CPS_KPB_T1-15	River Debris Clean-up	March 2010: Approved

Tier 1- Kodiak Island Borough		
Project Id Number	**Project Title**	**Status**
AKCIAP_CPS_KIB_T1-01	Metal Debris and Household Hazardous Waste Cleanup and Removal from Remote Communities in the Kodiak Island Borough	2008: Approved
AKCIAP_CPS_KIB_T1-02	Trail Hardening or Relocation to Enhance and Improve Coastal Water Quality and Stream Habitat	2008: Approved
AKCIAP_CPS_KIB_T1-03	Public Education on the Value of Conserving Wetlands and Other Coastal Habitats	2008: Approved
AKCIAP_CPS_KIB_T1-04	Mapping of Coastal and Marine Resources	2008: Approved

Tier 1- Lake and Peninsula Borough		
Project Id Number	**Project Title**	**Status**
AKCIAP_CPS_LPB_T1-02	Removal and Haul Out of Scrap Metal and Hazardous Household Wastes	March 2010: Approved Fall 2010: Increased budget
AKCIAP_CPS_LPB_T1-03	Mitigation of Impacts to Fish, Wildlife and Natural Resources Through Litter and Coastal Debris Removal	March 2010: Approved
AKCIAP_CPS_LPB_T1-04	Anadromous Stream Culvert Replacement to Mitigate Impacts to Fish	March 2010: Approved
AKCIAP_CPS_LPB_T1-05	The Black Lake Conservation, Protection and Restoration of Fish and Wildlife Habitat Project	March 2010: Approved
AKCIAP_CPS_LPB_T1-06	Administrative Costs for the Implementation of CIAP – Lake and Peninsula Borough	March 2010: Approved

Tier 1- Matanuska-Susitna Borough		
Project Id Number	**Project Title**	**Status**
AKCIAP_CPS_MSB_T1-01	*"Protect the Edge: Where the Water Meets the Land"* a full-color 80 page publication and DVD about protecting riparian habitat and wetlands	2008: Approved March 2010: Increased budget and deliverables - Approved
AKCIAP_CPS_MSB_T1-02	Ortho-rectified Imagery and LiDAR of the Matanuska-Susitna Borough's Coastal Management Zone	2008: Approved March 2010: Increased budget; Added LiDAR - Approved

Tier 1- North Slope Borough		
Project Id Number	**Project Title**	**Status**
AKCIAP_CPS_NSB_T1-01	Restoration and Rehabilitation of Coastal Areas Through the Installation of Hardened Trail	2008: Approved March 2010: Increased budget, duration, and deliverables - Approved
AKCIAP_CPS_NSB_T1-02	Assessment of the Biotic and Abiotic Factors Influencing the Ikpikpuk River Delta, which is Needed for Predicting Changes and Developing Plans to Conserve and Protect the Delta	2008: Approved March 2010: Increased budget and duration - Approved
AKCIAP_CPS_NSB_T1-03	Assessment of the Health and Biology of Arctic Marine Mammals for the Development and Evaluation of Mitigation Measures to Reduce Impacts from a Changing Arctic Environment	2008: Approved March 2010: Increased budget for additional sampling - Approved
AKCIAP_CPS_NSB_T1-04	Assessment of the Vulnerability of Archaeological and Cultural Sites to Coastal Erosion and the Development of Plans to Protect the Sites	2008: Approved March 2010: Changed project contact - Approved
AKCIAP_CPS_NSB_T1-05	Implementation and Enhancement of Permitting Activities of the North Slope Borough	2008: Approved March 2010: Increased budget, duration, and deliverables; Changed AU and project contact - Approved
AKCIAP_CPS_NSB_T1-06	Biological and Physical Oceanography of the Chukchi Sea	March 2010: Approved
AKCIAP_CPS_NSB_T1-07	Acoustic Monitoring of the Chukchi and Beaufort Seas	March 2010: Approved
AKCIAP_CPS_NSB_T1-08	Population Assessment of Bowhead Whales	March 2010: Approved
AKCIAP_CPS_NSB_T1-11	Developing a North Slope Borough Prioritized Plan for the Protection of NSB Coastal and Marine Resources	Fall 2010: Proposed
AKCIAP_CPS_NSB_T1-12	Protecting Coastal and Marine Resources Through an Inter- Borough Offshore Study Group	Fall 2010: Proposed

Tier 1- Northwest Arctic Borough		
Project Id Number	**Project Title**	**Status**
AKCIAP_CPS_NAB_T1-01	Protecting Coastal Areas through Region-wide Waste Management Improvement	2008: Approved March 2010: Increased budget - Approved
AKCIAP_CPS_NAB_T1-02	Protecting Coastal Areas through Planning and Guidance for Sustainable Tourism	2008: Approved March 2010: Increased budget - Approved
AKCIAP_CPS_NAB_T1-03	Improving Management Capacity to Protect	2008: Approved

	Coastal Areas	March 2010: Increased budget - Approved
AKCIAP_CPS_NAB_T1-04	Protection of Coastal Areas from Marine Debris	2008: Approved March 2010: Increased budget - Approved
AKCIAP_CPS_NAB_T1-05	CIAP Administrative Costs – Northwest Arctic Borough	2008: Approved March 2010: Increased budget - Approved
AKCIAP_CPS_NAB_T1-06	Improving Subsistence Information to Implement Federal Plans	2008: Approved March 2010: Increased budget and deliverables - Approved
AKCIAP_CPS_NAB_T1-07	Improving Public Involvement for Implementation of Federally Approved Plans	2008: Approved March 2010: Increased budget - Approved
AKCIAP_CPS_NAB_T1-08	Village-based Environmental Monitoring to Protect Coastal Areas	2008: Approved March 2010: Moved from Tier 2 to Tier 1. Increased budget - Approved
AKCIAP_CPS_NAB_T1-09	Energy Conservation (Green Community Initiative)	March 2010: Approved as project 9a
AKCIAP_CPS_NAB_T1-10	Environmental Leadership (Green Community Initiative)	March 2010: Approved
AKCIAP_CPS_NAB_T1-11	Kivalina Erosion Protection	March 2010: Approved
AKCIAP_CPS_NAB_T1-12	Solar Energy to Protect the Coastal Area from Harmful Known Pollutants	Fall 2010: Proposed
AKCIAP_CPS_NAB_T1-13	Green Initiative to Conserve and Protect Coastal Areas	Fall 2010: Proposed

D. Coastal Political Subdivision Tier 2 Projects – Status

(These projects will only be funded should a CPS Tier 1 project be canceled.)

Tier 2 – Municipality of Anchorage		
Project ID Number	**Project Title**	**Status**
AKCIAP_CPS_MOA_T2-01	Ship Creek Fishing Access Improvements for Stream Bank Protection	Fall 2010: Proposed
AKCIAP_CPS_MOA_T2-02	Ship Creek Water Quality Improvements	Fall 2010: Proposed

Tier 2 - Kenai Peninsula Borough		
Project ID Number	**Project Title**	**Status**
AKCIAP_CPS_KPB_T2-01	Feasibility Study for Soldotna Creek Northern Pike Eradication	March 2010: Approved
AKCIAP_CPS_KPB_T2-02	Blueberry Hill Suitability Study for the Purpose	March 2010: Approved

	of Protecting Flood Prone Alluvial Areas in the Seward Bear Creek Flood Service Area	
AKCIAP_CPS_KPB_T2-03	Kenai Peninsula Borough, Public Access to Rivers, Lakes and Coast	March 2010: Approved
AKCIAP_CPS_KPB_T2-04	Survey of Northern Pike in Lakes of the West Fork Moose River Watershed	March 2010: Approved
AKCIAP_CPS_KPB_T2-05	Seldovia Slough Sport Fishing Access Stairway	March 2010: Approved
AKCIAP_CPS_KPB_T2-06	Coastal Protection: Climate Change Impact Plan	March 2010: Approved

Tier 2 - Kodiak Island Borough		
Project ID Number	**Project Title**	**Status**
AKCIAP_CPS_KIB_T2-01	Coastal Erosion Study	March 2010: Approved

Tier 2 - Lake and Peninsula Borough		
Project ID Number	**Project Title**	**Status**
AKCIAP_CPS_LPB_T2-01	Lake and Peninsula Borough Mapping Update for the Protection of Critical Coastal Resources and Identification of Land Status	2008: Approved as Tier 1 project March 2010: Moved to Tier 2, changed contact - Approved
AKCIAP_CPS_LPB_T2-02	Lake and Peninsula Borough Coastal Management Plan Amendment – Community Outreach Component	2008: Approved as Tier 1 project March 2010: Moved to Tier 2, changed contact – Approved
AKCIAP_CPS_LPB_T2-03	Lake and Peninsula Borough Beach Erosion Tracking Program and Community Profile Map Additions and Updates	2008: Approved as a Tier 1 project March 2010: revised allocation year and contact - Approved Fall 2010: Moved to Tier 2

Tier 2 - Matanuska-Susitna Borough		
Project Id Number	**Project Title**	**Status**
AKCIAP_CPS_MSB_T2-01	Groundwater Availability Assessment for the Matanuska-Susitna Valley Area	March 2010: Approved

Tier 2 - North Slope Borough		
Project Id Number	**Project Title**	**Status**
AKCIAP_CPS_NSB_T2-01	Implementation and enhancement of permitting activities of the North Slope Borough (expanded budget as Tier-II alternative)	Fall 2010: Proposed as Tier 2 project alternative with expanded budget
AKCIAP_CPS_NSB_T2-02	Developing Baseline Aerial Photographic Datasets for Protecting Coastal Resources Near North Slope Borough Villages	Fall 2010: Proposed

Tier 2 - Northwest Arctic Borough		
Project Id Number	**Project Title**	**Status**
AKCIAP_CPS_NAB_T2-01	Coastal Erosion Protection Geotechnical Studies: Kivalina	March 2010: Approved
AKCIAP_CPS_NAB_T2-02	North Tent City Subsistence Area Restoration and Conservation	March 2010: Approved
AKCIAP_CPS_NAB_T2-03	Protect Coastal Areas from Untreated Wastewater Pollutants	Fall 2010: Proposed

IX. Proposed Project Lists

Appendix A includes all projects that were approved in the 2008 Alaska CIAP Plan and the March 2010 Amendment, provided they are being retained, plus all new proposed projects included in this Fall 2010 Amendment. All budget modifications that have occurred as a change through the grant process, or through the plan amendment process are reflected in Appendix A. For Tier 1 projects, project funding estimates are provided per allocation year (FY 2007, FY 2008, FY 2009, and FY 2010) and by authorized use. Estimated spending subtotals as a percentage of Federal fiscal year allocation are also provided in order to demonstrate compliance with the 23 percent spending limitation, which restricts more than 23 percent of the amounts received by a state or CPS for any one fiscal year from being used for Authorized Use #3 and Authorized Use #5.

Appendix A includes the following groups of tables showing CIAP spending by authorized use and fiscal year allocations:

Direct to State Funding

- Projects proposed by or on behalf of the State of Alaska (includes projects from state agencies, WASC, the public solicitation, and the legislatively named recipients).
    - Tier 1 projects
    - Tier 2 projects

Direct to CPS Funding

- Projects proposed by or on behalf of the coastal political subdivisions
    - All CPSs combined –Tier 1 Projects
    - All CPSs combined –Tier 2 Projects
    - Municipality of Anchorage
    - Bristol Bay Borough
    - Kenai Peninsula Borough
    - Kodiak Island Borough
    - Lake and Peninsula Borough
    - Matanuska-Susitna Borough
    - North Slope Borough
    - Northwest Arctic Borough

In addition to the tables in Appendix A, each project description in Appendix B includes a Spending Estimate table. This table indicates how much money will be spent each year of the project, unrelated to fiscal or calendar year. In some instances, project initiation will depend on when funding becomes available and on seasonal limitations. All Tier 1 project descriptions also include a Funding per Allocation Year of CIAP table. This table indicates which Federal fiscal year allocation the funding will be drawn from and is consistent with the tables in Appendix A. Should a Tier 2 project be pursued in lieu of a Tier 1 project, funding per allocation year will be determined based on availability of funds.

X. Proposed Project Descriptions

Appendix B contains project descriptions for all the CIAP funded projects that are newly proposed per this amendment, and approved CIAP funded projects that have been modified since they were last approved. Projects that were approved as part of the 2008 Alaska CIAP Plan or the 2010 Amendment and have not changed are not included in Appendix B.

Appendix B-1: Project Descriptions: Direct to State Funding

- B-1.1. State Agency Initiated projects
- B-1.2. Publically Solicited Projects
    - Tier 1 Projects
    - Tier 2 Projects
- B-1.3. Legislatively Named Recipient Projects
    - Aleutians East Borough
    - Aleutians west Coastal resource service Area
    - Bering Straits Coastal Resource Service Area
    - Bristol Bay Coastal Resource Service Area
    - Ceñaliulriit Coastal Resource Service Area

- City and Borough of Juneau
- City and Borough of Sitka
- City and Borough of Wrangell
- City and Borough of Yakutat
- Haines Borough
- Ketchikan Gateway Borough
- Municipality of Skagway

Appendix B-2: Project Descriptions: Direct to Coastal Political Subdivisions

- Municipality of Anchorage
- Lake and Peninsula Borough
- North Slope Borough
- Northwest Arctic Borough

Previously approved project descriptions that remain unchanged are available on the Alaska CIAP website at http://dnr.alaska.gov/coastal/CIAP/ciap.htm. The next administrative copy of the Alaska CIAP plan will include all approved projects.