

**Proposed Revisions to Co-management Funding Priorities**  
(revised August 19, 2016, showing changes from February 2016 version)

**HARVEST MONITORING:** Collect and disseminate subsistence harvest monitoring information to describe what marine mammals are harvested and how the harvest occurs. ~~Such harvest monitoring reports may include numbers of animals killed and retrieved, numbers struck and lost, age and sex composition of animals harvested, timing of subsistence seasons, subsistence harvest methods, types and numbers of samples collected for scientific analysis, disposition of scientific samples, general hunting areas, and related information.~~

**ALASKA NATIVE TRADITIONAL KNOWLEDGE:** Convey traditional and local ecological knowledge and wisdom to managers, scientists, and subsistence users to address co-management goals.

**RESEARCH PROJECTS:** Design and implement research projects on subsistence marine mammal species (e.g., bio-sampling projects) that improve or inform management decisions. ~~Projects may address topics such as abundance surveys, stock identification, individual or population health, disease prevalence, contaminant exposure, movements, distribution, habitat use, diet, causes of mortality, impacts of industrial activities, and direct or indirect effects of climate change.~~

**FOOD SECURITY:** Work collaboratively with NMFS and others to ~~characterize, describe, and/or protect the role of subsistence harvests of marine mammals in providing future~~ food security for Alaska Native communities ~~by addressing the availability of subsistence marine mammals to support community health and welfare and assure the quality and safety of subsistence foods,~~ especially in light of climate change.

**HARVEST MANAGEMENT:** Manage subsistence harvests with Alaska Native hunters to address regional or local differences in the harvest and use of marine mammals ~~and to reduce the number of marine mammals struck and lost where practical.~~ ~~Management may include, but is not limited to, the development and implementation of management plans that address methods to reduce the number of marine mammals struck by hunters and lost, definition of wasteful hunting and/or utilization practices and methods to reduce waste, research/information needed to manage the harvest, education of youth/new hunters, guidelines about hunting methods and means, and interactions with researchers.~~

**EDUCATION AND OUTREACH:** Work collaboratively with NMFS and others to develop education, outreach, and mentoring programs and materials related to marine mammals, ~~marine mammal and associated~~ research, subsistence harvest, or co-management.

**INTERNATIONAL OBLIGATIONS:** Provide information to support the US Government in any international reporting efforts and negotiations directly related to subsistence harvest quotas, cooperate in the execution of programs required to support international efforts to secure subsistence harvest quotas, and collaborate with NMFS to fulfill US treaty obligations pertaining to marine mammals.

**THREATS TO SUBSISTENCE RESOURCES:** Work collaboratively with NMFS and others to identify threats from development and commercial ~~or industrial~~ activities on the health, well-being, and availability of marine mammals harvested for subsistence, and identify measures to minimize risksthreats.

**COOPERATIVE MANAGEMENT:** Organize and liaise between Alaska Native hunters and NMFS for the cooperative management and conservation of marine mammals in waters off Alaska, consistent with signed co-management agreements, and refine existing ~~structures of co-management organizations~~ agreements as needed.

<p><b>Priority #1 2015 &amp; 2016</b> Collect and disseminate harvest information that includes numbers harvested, numbers struck and lost, age and sex of harvested animals, harvest dates, hunting areas, and related subsistence information</p>	<p><b>PRD Proposed New 2017 Priorities (February 2016)</b> HARVEST MONITORING: Collect and disseminate subsistence harvest monitoring information to describe what marine mammals are harvested and how the harvest occurs. Such harvest monitoring reports may include numbers of animals killed and retrieved, numbers struck and lost, age and sex composition of animals harvested, timing of subsistence seasons, subsistence harvest methods, types and numbers of samples collected for scientific analysis, disposition of scientific samples, general hunting areas, and related information.</p>	<p><b>PRD Proposed New 2017 Priorities (August 19, 2016)</b> HARVEST MONITORING: Collect and disseminate subsistence harvest monitoring information to describe what marine mammals are harvested and how the harvest occurs.</p>
<p><b>Priority #2 2015 &amp; 2016</b> Convey, as appropriate, traditional ecological knowledge and wisdom to managers, scientists, and subsistence users towards the furtherance of co-management goals.</p>	<p><b>PRD Proposed New 2017 Priorities (February 2016)</b> ALASKA NATIVE TRADITIONAL KNOWLEDGE: Convey traditional and local ecological knowledge and wisdom to managers, scientists, and subsistence users to address co-management goals.</p>	<p><b>PRD Proposed New 2017 Priorities (August 19, 2016)</b> ALASKA NATIVE TRADITIONAL KNOWLEDGE: Convey traditional and local ecological knowledge and wisdom to managers, scientists, and subsistence users to address co-management goals.</p>
<p><b>Priority #3 2015 &amp; 2016</b> Design and implement research projects that assist NMFS with management needs, which may include but are not limited to: abundance surveys, stock identification, bio-sampling (collection of tissues from subsistence harvested marine mammals to track health and condition over time, assess changes in populations, and better understand the quality of foods consumed), movements, distribution, habitat use, and impacts of industrial activities.</p>	<p><b>PRD Proposed New 2017 Priorities (February 2016)</b> RESEARCH PROJECTS: Design and implement research projects on subsistence marine mammal species (e.g., bio-sampling projects) that improve or inform management decisions. Projects may address topics such as abundance surveys, stock identification, individual or population health, disease prevalence, contaminant exposure, movements, distribution, habitat use, diet, causes of mortality, impacts of industrial activities, and direct or indirect effects of climate change.</p>	<p><b>PRD Proposed New 2017 Priorities (August 19, 2016)</b> RESEARCH PROJECTS: Design and implement research projects on subsistence marine mammal species (e.g., bio-sampling projects) that improve or inform management decisions.</p>
<p><b>Priority #4 2015 &amp; 2016</b> Assess impacts of climate change on subsistence species and on food security for subsistence users. Work collaboratively with NMFS and others on measures to preserve subsistence food security from direct or indirect impacts related to climate change, including increased anthropogenic impacts in coastal areas.</p>	<p><b>PRD Proposed New 2017 Priorities (February 2016)</b> FOOD SECURITY: Work collaboratively with NMFS and others to characterize, describe, and/or protect future food security for Alaska Native communities by addressing the availability of subsistence marine mammals to support community health and welfare and assure the quality and safety of subsistence foods, especially in light of climate change.</p>	<p><b>PRD Proposed New 2017 Priorities (August 19, 2016)</b> FOOD SECURITY: Work collaboratively with NMFS and others to protect the role of subsistence harvests of marine mammals in providing food security for Alaska Native communities, especially in light of climate change.</p>
<p><b>Priority #5 2015 &amp; 2016</b> Develop methods to define and where identified reduce wasteful hunting practices.</p>	<p><b>PRD Proposed New 2017 Priorities (February 2016)</b> HARVEST MANAGEMENT: Manage subsistence harvests with Alaska Native hunters to address regional or local differences in the harvest and use of marine mammals. Management may include, but is not limited to, the development and implementation of management plans that address methods to reduce the number of marine mammals struck by hunters and lost, definition of wasteful hunting and/or utilization practices and methods to reduce waste, research/information needed to manage the harvest, education of youth/new hunters, guidelines about hunting methods and means, and interactions with researchers.</p>	<p><b>PRD Proposed New 2017 Priorities (August 19, 2016)</b> HARVEST MANAGEMENT: Manage subsistence harvests with Alaska Native hunters to address regional or local differences in the harvest and use of marine mammals and to reduce the number of marine mammals struck and lost where practical.</p>
<p><b>Priority #6 2015 &amp; 2016</b> Work collaboratively with NMFS and others to develop education, outreach, and mentoring programs and materials.</p>	<p><b>PRD Proposed New 2017 Priorities (February 2016)</b> EDUCATION AND OUTREACH: Work collaboratively with NMFS and others to develop education, outreach, and mentoring programs and materials related to marine mammals, marine mammal research, or co-management.</p>	<p><b>PRD Proposed New 2017 Priorities (August 19, 2016)</b> EDUCATION AND OUTREACH: Work collaboratively with NMFS and others to develop education, outreach, and mentoring programs and materials related to marine mammals and associated research, subsistence harvest, or co-management.</p>
<p><b>Priority #7 2015 &amp; 2016</b> Provide information to support the US Government in any international reporting efforts and negotiations directly affecting subsistence harvest quotas and cooperate in the execution of programs required to support international efforts to secure subsistence quotas.</p>	<p><b>PRD Proposed New 2017 Priorities (February 2016)</b> INTERNATIONAL OBLIGATIONS: Provide information to support the US Government in any international reporting efforts and negotiations directly related to subsistence harvest quotas, cooperate in the execution of programs required to support international efforts to secure subsistence harvest quotas, and collaborate with NMFS to fulfill US treaty obligations pertaining to marine mammals.</p>	<p><b>PRD Proposed New 2017 Priorities (August 19, 2016)</b> INTERNATIONAL OBLIGATIONS: Provide information to support the US Government in any international reporting efforts and negotiations directly related to subsistence harvest quotas, cooperate in the execution of programs required to support international efforts to secure subsistence harvest quotas, and collaborate with NMFS to fulfill US treaty obligations pertaining to marine mammals.</p>
<p><b>Priority #8 2015 &amp; 2016</b> Assist NMFS in identifying activities that have potential adverse impacts on the availability of marine mammals intended for subsistence users, including the severity of those impacts.</p>	<p><b>PRD Proposed New 2017 Priorities (February 2016)</b> THREATS TO SUBSISTENCE RESOURCES: Work collaboratively with NMFS and others to identify threats from development and commercial or industrial activities on the health, well-being, and availability of marine mammals harvested for subsistence, and identify measures to minimize risks.</p>	<p><b>PRD Proposed New 2017 Priorities (August 19, 2016)</b> THREATS TO SUBSISTENCE RESOURCES: Work collaboratively with NMFS and others to identify threats from development and commercial activities on the health, well-being, and availability of marine mammals harvested for subsistence, and identify measures to minimize risks.</p>
<p><b>Priority #9 2015 &amp; 2016</b> Organize and liaise between Alaska Native hunters and NMFS for the cooperative management and conservation of marine mammals in waters off Alaska, consistent with signed co-management agreements.</p>	<p><b>PRD Proposed New 2017 Priorities (February 2016)</b> COOPERATIVE MANAGEMENT: Organize and liaise between Alaska Native hunters and NMFS for the cooperative management and conservation of marine mammals in waters off Alaska, consistent with signed co-management agreements, and refine existing structures of co-management organizations as needed.</p>	<p><b>PRD Proposed New 2017 Priorities (August 19, 2016)</b> COOPERATIVE MANAGEMENT: Organize and liaise between Alaska Native hunters and NMFS for the cooperative management and conservation of marine mammals in waters off Alaska, consistent with signed co-management agreements, and refine existing co-management agreements as needed.</p>