

Title 50: Wildlife and Fisheries
PART 18—MARINE MAMMALS
Subpart C—General Exceptions

§ 18.27 Regulations governing small takes of marine mammals incidental to specified activities.

(a) Purpose of regulations. The regulations in this section implement Section 101(a)(5) of the Marine Mammal Protection Act of 1972, as amended, 16 U.S.C. 1371(a)(5), which provides a mechanism for allowing, upon request, during periods of not more than five consecutive years each, the incidental, but not intentional, taking of small numbers of marine mammals by U.S. citizens who engage in a specified activity (other than commercial fishing) within a specified geographical region.

(b) Scope of regulations. The taking of small numbers of marine mammals under section 101(a)(5) of the Marine Mammal Protection Act may be allowed only if the Director of the Fish and Wildlife Service (1) finds, based on the best scientific evidence available, that the total taking during the specified time period will have a negligible impact on the species or stock and will not have an unmitigable adverse impact on the availability of the species or stock for subsistence uses; (2) prescribes regulations setting forth permissible methods of taking and other means of effecting the least practicable adverse impact on the species and its habitat and on the availability of the species for subsistence uses, paying particular attention to rookeries, mating grounds, and areas of similar significance; and (3) prescribes regulations pertaining to the monitoring and reporting of such taking.

Note: The information collection requirement contained in this §18.27 has been approved by the Office of Management and Budget under 44 U.S.C. 3501 et seq. and assigned clearance No. 1018-0070. The information is being collected to describe the activity proposed and estimate the cumulative impacts of potential takings by all persons conducting the activity. The information will be used to evaluate the application and determine whether to issue Specific Regulations and, subsequently, Letters of Authorization. Response is required to obtain a benefit.

The public reporting burden from this requirement is estimated to vary from 2 to 200 hours per response with an average of 10 hours per response including time for reviewing instructions, gathering and maintaining data, and completing and reviewing applications for specific regulations and Letters of Authorization. Direct comments regarding the burden estimate or any other aspect of this requirement to the Information Collection Clearance Officer, U.S. Fish and Wildlife Service, Department of the Interior, Mail Stop-220 ARLSQ, 18th and C Streets NW., Washington, DC 20240, and the Office of Management and Budget, Paperwork Reduction Project (Clearance No. 1018-0070), Washington, DC 20503.

(c) Definitions. In addition to definitions contained in the Act and in 50 CFR 18.3 and unless the context otherwise requires, in this section: Citizens of the United States and U.S. citizens mean individual U.S. citizens or any corporation or similar entity if it is organized under the laws of the United States or any governmental unit defined in 16 U.S.C. 1362(13). U.S. Federal, State and local government agencies shall also constitute citizens of the United States for purposes of this section. Incidental, but not intentional, taking means takings which are infrequent, unavoidable, or accidental. It does not mean that the taking must be unexpected. (Complete definition of take is contained in 50 CFR 18.3.)

Negligible impact is an impact resulting from the specified activity that cannot be reasonably expected to, and is not reasonably likely to,

adversely affect the species or stock through effects on annual rates of recruitment or survival.

Small numbers means a portion of a marine mammal species or stock whose taking would have a negligible impact on that species or stock.

Specified activity means any activity, other than commercial fishing, which takes place in a specified geographical region and potentially involves the taking of small numbers of marine mammals. The specified activity and specified geographical region should be identified so that the anticipated effects on marine mammals will be substantially similar.

Specified geographical region means an area within which a specified activity is conducted and which has similar biogeographic characteristics.

Unmitigable adverse impact means an impact resulting from the specified activity (1) that is likely to reduce the availability of the species to a level insufficient for a harvest to meet subsistence needs by (i) causing the marine mammals to abandon or avoid hunting areas, (ii) directly displacing subsistence users, or (iii) placing physical barriers between the marine mammals and the subsistence hunters; and (2) that cannot be sufficiently mitigated by other measures to increase the availability of marine mammals to allow subsistence needs to be met.

(d) Submission of requests. (1) In order for the Fish and Wildlife Service to consider allowing the taking by U.S citizens of small numbers of marine mammals incidental to a specified activity, a written request must be submitted to the Director, U.S. Fish and Wildlife Service, Department of the Interior, Washington, DC 20240. Requests shall include the following information on the activity as a whole, which includes, but is not limited to, an assessment of total impacts by all persons conducting the activity:

(i) A description of the specific activity or class of activities that can be expected to result in incidental taking of marine mammals;

(ii) The dates and duration of such activity and the specific geographical region where it will occur;

(iii) Based upon the best available scientific information;

(A) An estimate of the species and numbers of marine mammals likely to be taken by age, sex, and reproductive conditions, and the type of taking (e.g., disturbance by sound, injury or death resulting from collision, etc.) and the number of times such taking is likely to occur;

(B) A description of the status, distribution, and seasonal distribution (when applicable) of the affected species or stocks likely to be affected by such activities;

(C) The anticipated impact of the activity upon the species or stocks;

(D) The anticipated impact of the activity on the availability of the species or stocks for subsistence uses;

(iv) The anticipated impact of the activity upon the habitat of the marine mammal populations and the likelihood of restoration of the affected habitat;

(v) The anticipated impact of the loss or modification of the habitat on the marine mammal population involved;

(vi) The availability and feasibility (economic and technological) of equipment, methods, and manner of conducting such activity or other means of effecting the least practicable adverse impact upon the affected species or stocks, their habitat, and, where relevant, on their availability for subsistence uses, paying particular attention to rookeries, mating grounds, and areas of similar significance. (The applicant and those conducting the specified activity and the affected subsistence users are encouraged to develop mutually agreeable mitigating measures that will meet the needs of subsistence users.);

(vii) Suggested means of accomplishing the necessary monitoring and reporting which will result in increased knowledge of the species through

an analysis of the level of taking or impacts and suggested means of minimizing burdens by coordinating such reporting requirements with other schemes already applicable to persons conducting such activity; and (viii) Suggested means of learning of, encouraging, and coordinating research opportunities, plans and activities relating to reducing such incidental taking from such specified activities, and evaluating its effects.

(2) The Director shall determine the adequacy and completeness of a request, and if found to be adequate, will invite information, suggestions, and comments on the preliminary finding of negligible impact and on the proposed specific regulations through notice in the Federal Register, newspapers of general circulation, and appropriate electronic media in the coastal areas that may be affected by such activity. All information and suggestions will be considered by the Fish and Wildlife Service in developing final findings and effective specific regulations.

(3) The Director shall evaluate each request to determine, based on the best available scientific evidence, whether the total taking will have a negligible impact on the species or stock and, where appropriate, will not have an unmitigable adverse impact on the availability of such species or stock for subsistence uses. If the Director finds that mitigating measures would render the impact of the specified activity negligible when it would not otherwise satisfy that requirement, the Director may make a finding of negligible impact subject to such mitigating measures being successfully implemented. Any preliminary findings of "negligible impact" and "no unmitigable adverse impact" shall be proposed for public comment along with the proposed specific regulations.

(4) If the Director cannot make a finding that the total taking will have a negligible impact in the species or stock or will not have an unmitigable adverse impact on the availability of such species or stock for subsistence uses, the Director shall publish in the Federal Register the negative finding along with the basis for denying the request.

(e) Specific regulations. (1) Specific regulations will be established for each allowed activity which set forth (i) permissible methods of taking, (ii) means of effecting the least practicable adverse impact on the species and its habitat and on the availability of the species for subsistence uses, and (iii) requirements for monitoring and reporting.

(2) Regulations will be established based on the best available scientific information. As new information is developed, through monitoring, reporting, or research, the regulations may be modified, in whole or part, after notice and opportunity for public review.

(f) Letters of Authorization. (1) A Letter of Authorization, which may be issued only to U.S. citizens, is required to conduct activities pursuant to any specific regulations established. Requests for Letters of Authorization shall be submitted to the Director, U.S. Fish and Wildlife Service, Department of the Interior, Washington, DC 20240. The information to be submitted in a request may be obtained by writing the Director. Once specific regulations are effective, the Service will to the maximum extent possible, process subsequent applications for Letters of Authorization within 30 days after receipt of the application by the Service.

(2) Issuance of a Letter of Authorization will be based on a determination that the level of taking will be consistent with the findings made for the total taking allowable under the specific regulations.

(3) Notice of issuance of all Letters of Authorization will be published in the Federal Register within 30 days of issuance.

(4) Letters of Authorization will specify the period of validity and any additional terms and conditions appropriate for the specific request.

(5) Letters of Authorization shall be withdrawn or suspended, either on an

individual or class basis, as appropriate, if, after notice and opportunity for public comment, the Director determines: (i) The regulations prescribed are not being substantially complied with, or (ii) the taking allowed is having, or may have, more than a negligible impact on the species or stock, or where relevant, an unmitigable adverse impact on the availability of the species or stock for subsistence uses.

(6) The requirement for notice and opportunity for public review in paragraph (f)(5) of this section shall not apply if the Director determines that an emergency exists which poses a significant risk to the well-being of the species or stocks of marine mammals concerned.

(7) A violation of any of the terms and conditions of a Letter of Authorization or of the specific regulations may subject the Holder and/or any individual who is operating under the authority of the Holder's Letter of Authorization to penalties provided in the Marine Mammal Protection Act of 1972 (16 U.S.C. 1361-1407).

[48 FR 31225, July 7, 1983, as amended at 54 FR 40348, Sept. 29, 1989; 55 FR 28765, July 13, 1990; 56 FR 27463, June 14, 1991]

Title 50: Wildlife and Fisheries

PART 18—MARINE MAMMALS

Subpart J—Nonlethal Taking of Marine Mammals Incidental to Oil and Gas Exploration, Development, and Production Activities in the Beaufort Sea and Adjacent Northern Coast of Alaska

Source: 71 FR 43950, Aug. 2, 2006, unless otherwise noted.

§ 18.121 What specified activities does this subpart cover?

Regulations in this subpart apply to the nonlethal incidental, but not intentional, take of small numbers of polar bear and Pacific walrus by you (U.S. citizens as defined in §18.27(c)) while engaged in oil and gas exploration, development, and production activities in the Beaufort Sea and adjacent northern coast of Alaska.

§ 18.122 In what specified geographic region does this subpart apply?

This subpart applies to the specified geographic region defined by a north-south line at Barrow, Alaska, and includes all Alaska coastal areas, State waters, and Outer Continental Shelf waters east of that line to the Canadian border and an area 25 miles inland from Barrow on the west to the Canning River on the east. The Arctic National Wildlife Refuge is not included in the area covered by this subpart. Figure 1 shows the area where this subpart applies.

§ 18.123 When is this subpart effective?

Regulations in this subpart are effective from August 2, 2006 through August 2, 2011 for year-round oil and gas exploration, development, and production activities.

§ 18.124 How do I obtain a Letter of Authorization?

(a) You must be a U.S. citizen as defined in §18.27(c).

(b) If you are conducting an oil and gas exploration, development, or production activity in the specified geographic region described in §18.122 that may cause the taking of polar bear or Pacific walrus in execution of those activities and you want nonlethal incidental take authorization under this rule, you must apply for a Letter of Authorization for each exploration activity or a Letter of Authorization for activities in each development or production area. You must submit the application for authorization to our Alaska Regional Director (see 50 CFR 2.2 for address) at least 90 days prior to the start of the proposed

activity.

(c) Your application for a Letter of Authorization must include the following information:

(1) A description of the activity, the dates and duration of the activity, the specific location, and the estimated area affected by that activity, i.e., a Plan of Operation.

(2) A site-specific plan to monitor the effects of the activity on the behavior of polar bear and Pacific walrus that may be present during the ongoing activities. Your monitoring program must document the effects to these marine mammals and estimate the actual level and type of take. The monitoring requirements will vary depending on the activity, the location, and the time of year.

(3) A site-specific polar bear awareness and interaction plan.

(4) A Plan of Cooperation to mitigate potential conflicts between the proposed activity and subsistence hunting, where relevant. This Plan of Cooperation must identify measures to minimize adverse effects on the availability of polar bear and Pacific walrus for subsistence uses if the activity takes place in or near a traditional subsistence hunting area. Some of these measures may include, but are not limited to, mitigation measures described in §18.128.

§ 18.125 What criteria does the Service use to evaluate Letter of Authorization requests?

(a) We will evaluate each request for a Letter of Authorization based on the specific activity and the specific geographic location. We will determine whether the level of activity identified in the request exceeds that analyzed by us in making a finding of negligible impact on the species and a finding of no unmitigable adverse impact on the availability of the species for take for subsistence uses. If the level of activity is greater, we will reevaluate our findings to determine if those findings continue to be appropriate based on the greater level of activity that you have requested. Depending on the results of the evaluation, we may grant the authorization, add further conditions, or deny the authorization.

(b) In accordance with §18.27(f)(5), we will make decisions concerning withdrawals of Letters of Authorization, either on an individual or class basis, only after notice and opportunity for public comment.

(c) The requirement for notice and public comment in paragraph (b) of this section will not apply should we determine that an emergency exists that poses a significant risk to the well-being of the species or stock of polar bear or Pacific walrus.

§ 18.126 What does a Letter of Authorization allow?

(a) Your Letter of Authorization may allow the nonlethal incidental, but not intentional, take of polar bear and Pacific walrus when you are carrying out one or more of the following activities:

(1) Conducting geological and geophysical surveys and associated activities;

(2) Drilling exploratory wells and associated activities;

(3) Developing oil fields and associated activities;

(4) Drilling production wells and performing production support operations;

(5) Conducting environmental monitoring activities associated with exploration, development, and production activities to determine specific impacts of each activity;

(6) Conducting restoration, remediation, demobilization programs, and associated activities.

(b) You must use methods and conduct activities identified in your Letter of Authorization in a manner that minimizes to the greatest extent practicable adverse impacts on polar bear and Pacific walrus, their

habitat, and on the availability of these marine mammals for subsistence uses.

(c) Each Letter of Authorization will identify conditions or methods that are specific to the activity and location.

§ 18.127 What activities are prohibited?

(a) Intentional take and lethal incidental take of polar bear or Pacific walrus; and

(b) Any take that fails to comply with this part or with the terms and conditions of your Letter of Authorization.

§ 18.128 What are the mitigation, monitoring, and reporting requirements?

(a) We require holders of Letters of Authorization to cooperate with us and other designated Federal, State, and local agencies to monitor the impacts of oil and gas exploration, development, and production activities on polar bear and Pacific walrus.

(b) Holders of Letters of Authorization must designate a qualified individual or individuals to observe, record, and report on the effects of their activities on polar bear and Pacific walrus.

(c) All holders of Letters of Authorization are required to have an approved polar bear and/or walrus interaction plan on file with the Service and on-site, and polar bear awareness training will also be required of certain personnel. Interaction plans must include:

(1) The type of activity and, where and when the activity will occur, i.e., a Plan of Operation;

(2) A food and waste management plan;

(3) Personnel training materials and procedures;

(4) Site at-risk locations and situations;

(5) Walrus/bear observation and reporting procedures; and

(6) Bear/walrus avoidance and encounter procedures.

(d) All applicants for a Letter of Authorization must contact affected subsistence communities to discuss potential conflicts caused by location, timing, and methods of proposed operations and submit to us a record of communication that documents these discussions. If appropriate, the applicant for a Letter of Authorization must also submit to us a Plan of Cooperation that ensures that activities will not interfere with subsistence hunting and that adverse effects on the availability of polar bear or Pacific walrus are minimized.

(e) Mitigation measures that may be required on a case-by-case basis include:

(1) The use of trained marine mammal monitors associated with marine activities. We may require a monitor on the site of the activity or on board drill ships, drillrigs, aircraft, icebreakers, or other support vessels or vehicles to monitor the impacts of Industry's activity on polar bear and Pacific walrus.

(2) The use of den habitat map developed by the USGS. A map of potential coastal polar bear denning habitat can be found at:

http://www.absc.usgs.gov/research/sis_summaries/polar_bears_sis/mapping_dens.htm

This measure ensures that the location of potential polar bear dens is considered when conducting activities in the coastal areas of the Beaufort Sea.

(3) The use of Forward Looking Infrared (FLIR) imagery, polar bear scent-trained dogs, or both to determine the presence or absence of polar bear dens in area of the activity.

(4) Restricting the timing of the activity to limit disturbance around dens.

(5) Requiring a 1-mile exclusion buffer surrounding known dens. If known occupied dens are located within an operator's area of activity, we will require a 1-mile exclusion buffer around the den to limit disturbance or require that the operator conduct activities after the female bears emerge from their dens. We will review these requirements for extenuating circumstances on a case-by-case basis.

(f) For exploratory and development activities, holders of a Letter of Authorization must submit a report to our Alaska Regional Director (Attn: Marine Mammals Management Office) within 90 days after completion of activities. For production activities, holders of a Letter of Authorization must submit a report to our Alaska Regional Director (Attn: Marine Mammals Management Office) by January 15 for the preceding year's activities. Reports must include, at a minimum, the following information:

(1) Dates and times of activity;

(2) Dates and locations of polar bear or Pacific walrus activity as related to the monitoring activity; and

(3) Results of the monitoring activities required under subsection (g) of this section, including an estimated level of take.

(g) Monitoring requirements include, but are not limited to:

(1) For all activities, all sightings of polar bears and walrus must be recorded. To the extent possible, the monitor will record group size, age, sex, reaction, duration of interaction, and closest approach to Industry activity.

(2) Activities within the coast of the geographic region may incorporate daily polar bear watch logs.

(3) Polar bear monitors will be required under the monitoring plan if polar bears are known to frequent the area or known polar bear dens are present in the area. Monitors will act as an early detection system in regards to proximate bear activity to Industry facilities.

(4) Offshore sites may require systematic monitoring protocols for polar bears and walrus due to their nearshore locations. Systematic monitoring may be implemented to statistically monitor observation trends of walrus or polar bears in the nearshore areas where they usually occur.

§ 18.129 What are the information collection requirements?

(a) The Office of Management and Budget has approved the collection of information contained in this subpart and assigned control number 1018-0070. You must respond to this information collection request to obtain a benefit pursuant to section 101(a)(5) of the Marine Mammal Protection Act (MMPA). We will use the information to (1) evaluate the application and determine whether or not to issue specific Letters of Authorization and (2) monitor impacts of activities conducted under the Letters of Authorization.

(b) You should direct comments regarding the burden estimate or any other aspect of this requirement to the Information Collection Clearance Officer, U.S. Fish and Wildlife Service, Department of the Interior, Mail Stop 222 ARLSQ, 1849 C Street, NW., Washington, DC 20240.

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