

(1) Ice road/trail construction, maintenance and decommissioning must be performed within the boundaries of the road/trail and shoulders, with most work occurring within the driving lane. To the extent practicable and when safety of personnel is ensured, equipment must travel within the driving lane and shoulder areas.

(2) Blading and snow blowing of ice roads must be limited to the previously disturbed ice road/shoulder areas to the extent safe and practicable. Snow must be plowed or blown from the ice road surface.

(3) In the event snow is accumulating on a road within a 50 m (164 ft) radius of an identified downwind seal or seal lair, operational measures must be used to avoid seal impacts, such as pushing snow further down the road before blowing it off the roadway. Vehicles must not stop within 50 m (164 ft) of identified seals or within 150 m (500 ft) of known seal lairs.

(4) To the extent practicable and when safety of personnel is ensured, tracked vehicle operation must be limited to the previously disturbed ice trail areas. When safety requires a new ice trail to be constructed after March 1st, construction activities such as drilling holes in the ice to determine ice quality and thickness, must be conducted only during daylight hours with good visibility.

(5) Ringed seal structures must be avoided by a minimum of 50 m (164 ft) during ice testing and new trail construction.

(6) Once the new ice trail is established, tracked vehicle operation must be limited to the disturbed area to the extent practicable and when safety of personnel is ensured.

(7) If a seal is observed on ice within 50 m (164 ft) of the centerline of the ice road/trail, the following mitigation measures must be implemented:

(i) Construction, maintenance or decommissioning activities associated with ice roads and trails must not occur within 50 m (164 ft) of the observed ringed seal, but may proceed as soon as the ringed seal, of its own accord, moves farther than 50 m (164 ft) distance away from the activities or has not been observed within that area for at least 24 hours; and

(ii) Transport vehicles (*i.e.*, vehicles not associated with construction, maintenance or decommissioning) may continue their route within the designated road/trail without stopping.

#### **§217.155 Requirements for monitoring and reporting.**

(a) All marine mammal monitoring must be conducted in accordance with Hilcorp and Eni's Marine Mammal Mitigation and Monitoring Plan (4MP). This plan may be modified throughout the life of the regulations upon NMFS review and approval.

(b) General monitoring measures will be implemented through the entire ice road/trail season including during construction, maintenance, use and decommissioning.

(1) If a ringed seal is observed within 50 m (164 ft) of the center of an ice road or trail, the operator's Environmental Specialist must be immediately notified with the information provided in paragraph (e) of this section.

(i) The Environmental Specialist must relay the seal sighting location information to all ice road personnel and the company's office personnel responsible for wildlife interaction, following notification protocols described in the company-specific Wildlife Management Plan. All other data will be recorded and logged.

(ii) The Environmental Specialist or designated person must monitor the ringed seal to document the animal's location relative to the road/trail. All work that is occurring when the ringed seal is observed and the behavior of the seal during those activities must be documented until the animal is at least 50 m (150 ft) away from the center of the road/trail or is no longer observed.

(2) [Reserved]

(c) Additional monitoring measures after March 1st. In addition to the general monitoring measures listed in §217.155(b), the following measures must also be implemented after March 1st:

(1) If an ice road or trail is being actively used, under daylight conditions with good visibility, a dedicated observer (not the vehicle operator) must conduct a survey along the sea ice road/trail to observe if any ringed seals are within 150 m (500 ft) of the roadway

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corridor. The following survey protocol must be implemented:

(i) Surveys must be conducted every other day during daylight hours;

(ii) Observers for ice road activities must have received the training described in §217.154(a) and understand the applicable sections of the Wildlife Interaction Plan;

(iii) Observers for ice road activities must be capable of detecting, observing and monitoring ringed seal presence and behaviors, and accurately and completely recording data;

(iv) Observers must have no other primary duty than to watch for and report observations related to ringed seals during this survey; and

(v) If weather conditions become unsafe, the observer may be removed from the monitoring activity.

(2) If a ringed seal structure (*i.e.*, breathing hole or lair) is observed within 50 m (150 ft) of the ice road/trail, the location of the structure must be reported to the Environmental Specialist and:

(i) An observer must monitor the structure every 6 hours on the day of the initial sighting to determine whether a ringed seal is present.

(ii) Monitoring for the seal must occur every other day the ice road is being used unless it is determined the structure is not actively being used (*i.e.*, a seal is not sighted at that location during monitoring).

(d) Engaging with subsistence hunters for monitoring recommendations.

(1) Hilcorp and Eni must engage local hunters through the Ice Seal Committee point of contact to gather recommendations on methods for ringed seal detection along sea ice roads/trails within the exposure areas.

(2) Hilcorp and Eni must incorporate these recommendations into Hilcorp and Eni's training materials provided to personnel responsible for monitoring for ringed seals along sea ice roads/trails.

(e) Reporting requirement at the end-of-season.

(1) A final end-of-season report compiling all ringed seal observations must be submitted to NMFS Office of Protected Resources within 90 days of de-commissioning the ice roads/trails annually. The report must include:

(i) Date, time, location of observation;

(ii) Ringed seal characteristics (*i.e.*, adult or pup, behavior (avoidance, resting, *etc.*));

(iii) Activities occurring during observation including equipment being used and its purpose, and approximate distance to ringed seal(s);

(iv) Actions taken to mitigate effects of interaction emphasizing:

(A) Which mitigation and/or monitoring measures were successful;

(B) Which mitigation and/or monitoring measures may need to be improved to reduce interactions with ringed seals;

(C) The effectiveness and practicality of implementing mitigation and monitoring measures;

(D) Any issues or concerns regarding implementation of mitigation and/or monitoring measures; and

(E) Potential effects of interactions based on observation data;

(v) Proposed updates (if any) to Wildlife Interaction Plan(s) or Mitigation and Monitoring Measures; and

(vi) The methods used for detection of seals and seal structures with an assessment of their effectiveness.

(2) In the event a seal is killed or seriously injured by ice road/trail activities, Hilcorp or Eni must immediately cease the specified activities and report the incident to the NMFS Office of Protected Resources (301–427–8401) and Alaska Region Stranding Coordinator (877–925–7773). The report must include the following information:

(i) Time and date of the incident;

(ii) Description of the incident;

(iii) Environmental conditions (*e.g.*, cloud over, and visibility);

(iv) Description of all marine mammal observations in the 24 hours preceding the incident;

(v) Species identification or description of the animal(s) involved;

(vi) Fate of the animal(s); and

(vii) Photographs or video footage of the animal(s).

(3) In the event ice road/trail personnel discover a dead or injured seal but the cause of injury or death is unknown or believed not to be related to ice road/trail activities, Hilcorp or Eni must report the incident to the NMFS Office of Protected Resources (301–427–

8401) and Alaska Region Stranding Coordinator (877-925-7773) within 48 hours of discovery.

**§217.156 Letters of Authorization.**

(a) To incidentally take marine mammals pursuant to these regulations, Hilcorp and Eni must apply for and obtain an LOA.

(b) An LOA, unless suspended or revoked, may be effective for a period of time not to exceed the expiration date of these regulations.

(c) If an LOA expires prior to the expiration date of these regulations, Hilcorp or Eni may apply for and obtain a renewal of the LOA.

(d) In the event of projected changes to the activity or to mitigation and monitoring measures required by an LOA, Hilcorp and Eni must apply for and obtain a modification of the LOA as described in §217.57.

(e) The LOAs shall set forth:

(1) Permissible methods of incidental taking;

(2) Means of effecting the least practicable adverse impact (*i.e.*, mitigation) on the species, its habitat, and on the availability of the species for subsistence uses; and

(3) Requirements for monitoring and reporting.

(f) Issuance of the LOAs shall be based on a determination that the level of taking will be consistent with the findings made for the total taking allowable under these regulations.

(g) Notice of issuance or denial of an LOA shall be published in the FEDERAL REGISTER within 30 days of a determination.

**§217.157 Renewals and modifications of Letters of Authorization.**

(a) An LOA issued under §§216.106 of this chapter and 217.156 for the activity identified in §217.150(a) shall be renewed or modified upon request by the applicant, provided that:

(1) The proposed specified activity and mitigation, monitoring, and reporting measures, as well as the anticipated impacts, are the same as those described and analyzed for these regulations (excluding changes made pursuant to the adaptive management provision in paragraph (c)(1) of this section); and

(2) NMFS determines that the mitigation, monitoring, and reporting measures required by the previous LOAs under these regulations were implemented.

(b) For LOAs modification or renewal requests by the applicants that include changes to the activity or the mitigation, monitoring, or reporting (excluding changes made pursuant to the adaptive management provision in paragraph (c)(1) of this section) that do not change the findings made for the regulations or result in no more than a minor change in the total estimated number of takes (or distribution by species or years), NMFS may publish a notice of proposed LOAs in the FEDERAL REGISTER, including the associated analysis of the change, and solicit public comment before issuing the LOA.

(c) The LOAs issued under §§216.106 of this chapter and 217.156 for the activity identified in §217.150(a) may be modified by NMFS under the following circumstances:

(1) *Adaptive management.* NMFS may modify (including augment) the existing mitigation, monitoring, or reporting measures (after consulting with Hilcorp or Eni regarding the practicability of the modifications) if doing so creates a reasonable likelihood of more effectively accomplishing the goals of the mitigation and monitoring set forth in the preamble for these regulations.

(i) Possible sources of data that could contribute to the decision to modify the mitigation, monitoring, or reporting measures in an LOA:

(A) Results from Hilcorp or Eni's monitoring from the previous year(s).

(B) Results from other marine mammal and/or sound research or studies.

(C) Any information that reveals marine mammals may have been taken in a manner, extent or number not authorized by these regulations or subsequent LOAs.

(ii) If, through adaptive management, the modifications to the mitigation, monitoring, or reporting measures are substantial, NMFS will publish a notice of proposed LOA in the FEDERAL REGISTER and solicit public comment.

(2) *Emergencies.* If NMFS determines that an emergency exists that poses a