

§ 217.81

set forth in paragraph (b) of this section.

(1) NEODS missions involving underwater detonations of small, live explosive charges adjacent to inert mines in order to disable the mine function,

(2) Live training events occurring eight times annually, averaging one event occurring every 6 to 7 weeks,

(3) Four of the training events involving 5-lb charges, and four events involving 10-lb charges,

(4) Up to 20 5-lb detonations and twenty 10-lb detonations annually, for a total of 40 detonations,

(5) The five charges occurring for each training event shall be detonated individually with a maximum separation time of 20 minutes between each detonation,

(6) Mine shapes and debris shall be recovered and removed from the Gulf of Mexico waters when training is completed, and

(7) Each training team has two days to complete their entire evolution (*i.e.*, detonation of five charges). If operations cannot be completed on the first live demolition day, the second live demolition day shall be utilized to complete the evolution.

(b) The incidental take of marine mammals at Eglin Air Force Base, within the Eglin Military Complex, including three sites in the Eglin Gulf Test and Training Range at property off Santa Rosa Island, Florida, in the northern Gulf of Mexico, under the activity identified in paragraph (a) of this section, is limited to the following species: Atlantic bottlenose dolphins (*Tursiops truncatus*).

(1) The latitude/longitude of corners of W-151 in the Eglin Gulf Test and Training Range are:

- (i) 30.24006° North, -86.808838° West
- (ii) 29.539011° North, -84.995536° West
- (iii) 28.03949° North, -85.000147° West
- (iv) 28.027598° North, -85.199395° West
- (v) 28.505304° North, -86.799043° West

(2) The latitude/longitude of corners of W-151A in the Eglin Gulf Test and Training Range are:

- (i) 30.24006° North, -86.808838° West
- (ii) 30.07499° North, -85.999327° West
- (iii) 29.179968° North, -85.996341° West
- (iv) 29.384439° North, -86.802579° West

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§ 217.81 Effective dates.

Regulations in this subpart are effective from April 23, 2012, through April 24, 2017.

§ 217.82 Permissible methods of taking.

(a) Under Letters of Authorization issued pursuant to § 216.106 of this chapter and § 217.87, the U.S. Department of the Air Force, Headquarters 96th Air Base Wing, Eglin Air Force Base (U.S. Air Force), its contractors, and clients, may incidentally, but not intentionally, take marine mammals by Level B harassment, within the area described in § 217.80, provided the activity is in compliance with all terms, conditions, and requirements of these regulations and the appropriate Letter of Authorization.

(b) The incidental taking of marine mammals is authorized for the species listed in § 217.80(b) and is limited to Level B harassment.

(c) The incidental taking of an average of 10 individuals annually and 50 individuals during the 5-year rule, for Atlantic bottlenose dolphins.

(d) The U.S. Air Force shall suspend NEODS training operations until it obtains additional authorization for the take of marine mammals if:

(1) A marine mammal is injured, seriously injured, or killed during training operations;

(2) The injury, serious injury, or death could be associated with the activities; and

(3) After coordination and concurrence with NMFS, the U.S. Air Force determines that supplementary measures are unlikely to reduce the risk of injury, serious injury or death to a very low level, require the U.S. Air Force to suspend its activities until an authorization for such taking has been obtained.

§ 217.83 Prohibitions.

Notwithstanding takings contemplated in § 217.80 and authorized by a Letter of Authorization issued under §§ 216.106 of this chapter and 217.87, no person in connection with the activities described in § 217.80 may:

(a) Take any marine mammal not specified in § 217.80(b);

(b) Take any marine mammal specified in § 217.80(b) other than by incidental take as specified in § 217.82(a) through (d);

(c) Take a marine mammal specified in § 217.80(b) if such taking results in more than a negligible impact on the species or stocks of such marine mammal; or

(d) Violate, or fail to comply with, the terms, conditions, and requirements of this subpart or a Letter of Authorization issued under §§ 216.106 of this chapter and 217.87.

§ 217.84 Mitigation.

(a) The activity identified in § 217.80(a) must be conducted in a manner that minimizes, to the greatest extent practicable, adverse impacts on marine mammals and their habitats. When conducting operations identified in § 217.80(a), the mitigation measures contained in the Letter of Authorization issued under §§ 216.106 of this chapter and 217.87 must be implemented. These mitigation measures include (but are not limited to):

(1) Underwater detonations using timed delay devices will only be conducted during daylight hours. The time of detonation shall be limited to an hour after sunrise and an hour before sunset.

(2) NEODS missions shall be postponed if:

(i) The Beaufort sea state is greater than scale number three. Such a delay would maximize detection of marine mammals.

(ii) Large concentrations of fish, jellyfish, and/or large *Sargassum* rafts are observed within the mitigation-monitoring zone. The delay would continue until the fish, jellyfish, and/or *Sargassum* rafts that cause the postponement are confirmed to be outside the mitigation-monitoring zone.

(3) Time delays longer than 10 minutes will not be used. Initiation of the timer device will not start until the mitigation-monitoring zone is clear of marine mammals for 30 minutes.

(4) A calculated mitigation-monitoring zone will be established around each underwater detonation location based on charge weight and length of time-delay used. When conducting surveys within the mitigation-monitoring

zone radius (but always outside the detonation plume radius/human safety zone) and travel in a circular pattern around the detonation point, surveying the inner (toward the detonation site) and outer (away from the detonation site) areas. For a survey radius of 914.4 meters, the boat will be positioned at 457.2 meters from the detonation point. Similarly, for a survey radius of 1,280.2 meters, boats will be positioned at 640.1 meter distance.

(5) For a survey radius of 914.4 meters, two boats are required. For a radius of 1,280.2 meters, either three boats or two boats/one helicopter are required.

(6) When using two boats, each boat will be positioned on opposite sides of the detonation location, separated by 180 degrees. When using three boats, each boat will be separated by 120 degrees (equidistant from each other).

(7) Two observers in each boat will conduct continuous visual surveys of the mitigation-monitoring zone for the entire duration of the training event, including at least 30 minutes prior to detonation. Observers will search the mitigation-monitoring zone for the presence of marine mammals, and other marine species such as sea turtles, diving birds, large concentrations of fish or jellyfish, and large *Sargassum* mats. The presence of diving birds, fish, jellyfish, and *Sargassum* may indicate an increased likelihood of dolphin presence.

(8) To the extent practicable, boats will maintain 18.5 kilometer per hour search speed. This search speed is expected to ensure adequate coverage of the buffer zone. While weather conditions and sea state may require slower speeds in some instances, 18.5 kilometers per hour is considered a prudent, safe, and executable speed that will allow adequate surveillance. For a 914.4 meter survey zone, a boat traveling at 18.5 kilometers per hour and 457.2 meters from the detonation point would circle the point approximately 3.2 times during a 30 minute survey period. By using two boats, approximately 6.4 circles would be completed in total. Similarly, for a 1,280.2 meter radius, each boat would circle the detonation point approximately 2.3 times