

216.158 Modifications to the Letter of Authorization.

Subpart N—Taking of Marine Mammals Incidental to Missile Launch Operations from San Nicolas Island, CA

§ 216.151 Specified activity, geographical region, and incidental take levels.

(a) Regulations in this subpart apply only to the incidental taking of marine mammals specified in paragraph (b) of this section by U.S. citizens engaged in target missile launch activities at the Naval Air Warfare Center Weapons Division facilities on San Nicolas Island, California.

(b) The incidental take of marine mammals under the activity identified in paragraph (a) of this section is limited to the following species: northern elephant seals (*Mirounga angustirostris*), harbor seals (*Phoca vitulina*), and California sea lions (*Zalophus californianus*).

(c) This Authorization is valid only for activities associated with the launching of a total of 40 Vandal (or similar sized) vehicles from Alpha Launch Complex and smaller missiles and targets from Building 807 on San Nicolas Island, California.

§ 216.152 Effective dates.

Regulations in this subpart are effective from August 26, 2003, through August 25, 2008.

§ 216.153 Permissible methods of taking; mitigation.

(a) Under a Letter of Authorization issued pursuant to § 216.106, the U.S. Navy may incidentally, but not intentionally, take marine mammals by harassment, in the course of conducting target missile launch activities within the area described in § 216.151(a) provided all terms, conditions, and requirements of these regulations and such Letter of Authorization are complied with.

(b) The activity identified in paragraph (a) of this section must be conducted in a manner that minimizes, to the greatest extent possible, adverse impacts on marine mammals and their habitat. When conducting these activities, the following mitigation measures must be utilized:

(1) The holder of the Letter of Authorization must prohibit personnel from entering pinniped haul-out sites below the missile's predicted flight path for 2 hours prior to planned missile launches.

(2) The holder of the Letter of Authorization must avoid launch activities during harbor seal pupping

season (February to April), when operationally practicable.

(3) The holder of this Authorization must limit launch activities during other pinniped pupping seasons, when operationally practicable.

(4) The holder of the Letter of Authorization must not launch Vandal target missiles from the Alpha Complex at low elevation (less than 1,000 feet (304.8 m) on launch azimuths that pass close to pinniped haul-out sites).

(5) The holder of the Letter of Authorization must avoid, where practicable, launching multiple target missiles in quick succession over haul-out sites, especially when young pups are present.

(6) The holder of the Letter of Authorization must limit launch activities during nighttime hours when operationally practicable.

(7) Aircraft and helicopter flight paths must maintain a minimum altitude of 1,000 feet (304.8 m) from pinniped haul-outs.

(8) If injurious or lethal take is discovered during monitoring, the holder of the Letter of Authorization must contact the Regional Administrator, Southwest Region, National Marine Fisheries Service, or his/her designee, at (562) 980-4023 within 48 hours and, in cooperation with the National Marine Fisheries Service, launch procedure, mitigation measures, and monitoring methods must be reviewed and appropriate changes made prior to the next launch.

(9) If post-test surveys determine that an injurious or lethal take of a marine mammal has occurred, the test procedure and the monitoring methods must be reviewed and appropriate changes must be made prior to conducting the next detonation.

§ 216.154 Prohibitions.

Notwithstanding takings authorized by § 216.151(b) and by a Letter of Authorization issued under § 216.106, the following activities are prohibited:

(a) The taking of a marine mammal that is other than unintentional.

(b) The violation of, or failure to comply with, the terms, conditions, and requirements of this part or a Letter of Authorization issued under § 216.106.

(c) The incidental taking of any marine mammal of a species not specified in this subpart.

§ 216.155 Requirements for monitoring and reporting.

(a) The holder of the Letter of Authorization is required to cooperate with the National Marine Fisheries Service and any other Federal, state or local agency monitoring the impacts of the activity on marine mammals.

(b) The National Marine Fisheries Service must be informed immediately of any changes or deletions to any portions of the proposed monitoring plan submitted, in accordance with the Letter of Authorization.

(c) The holder of the Letter of Authorization must designate biologically trained, on-site individual(s), approved in advance by the National Marine Fisheries Service, to record the effects of the launch activities and the resulting noise on pinnipeds.

(d) The holder of the Letter of Authorization must implement the following monitoring measures:

(1) Visual Land-Based Monitoring. (i) Prior to each missile launch, an observer(s) will place 3 autonomous digital video cameras overlooking chosen haul-out sites located varying distances from the missile launch site. Each video camera will be set to record a focal subgroup within the larger haul-out aggregation for a maximum of 4 hours or as permitted by the videotape capacity.

(ii) Systematic visual observations, by those individuals, described in paragraph (c) of this section, on pinniped presence and activity will be conducted and recorded in a field logbook a minimum of 2 hours prior to the estimated launch time and for no less than 1 hour immediately following the launch of Vandal and similar types of target missiles.

(iii) Systematic visual observations, by those individuals, described in paragraph (c) of this section, on pinniped presence and activity will be conducted and recorded in a field logbook a minimum of 2 hours prior to launch, during launch, and for no less than 1 hour after the launch of the BQM-34, BQM-74, Exocet, Tomahawk, RAM target and similar types of missiles.

(iv) Documentation, both via autonomous video camera and human observer, will consist of:

- (A) numbers and sexes of each age class in focal subgroups;
- (B) description and timing of launch activities or other disruptive event(s);
- (C) movements of pinnipeds, including number and proportion moving, direction and distance moved, and pace of movement;
- (D) description of reactions;
- (E) minimum distances between interacting and reacting pinnipeds;
- (F) study location;
- (G) local time;
- (H) substratum type;
- (I) substratum slope;
- (J) weather condition;
- (K) horizontal visibility; and