

Fishery Conservation and Management

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in fishing operations by any HMS vessel other than vessels subject to § 660.712 must be handled in accordance with 50 CFR 223.206(d)(1).

§ 660.712 Longline fishery.

(a) *Gear and fishing restrictions.* (1) Owners and operators of vessels registered for use of longline gear may not use longline gear to fish for or target HMS within the U.S. EEZ.

(2) Owners and operators of vessels registered for use of longline gear may not make shallow sets with longline gear to fish for or target swordfish (*Xiphias gladius*) west of 150° W. long. and north of the equator (0° N. lat.).

(3) A person aboard a vessel registered for use of longline gear fishing for HMS west of 150° W. long. and north of the equator (0° N. lat.) may not possess or deploy any float line that is shorter than or equal to 20 m (65.6 ft or 10.9 fm). As used in this paragraph, float line means a line used to suspend the main longline beneath a float.

(4) From April 1 through May 31, owners and operators of vessels registered for use of longline gear may not use longline gear in waters bounded on the south by 0° lat., on the north by 15° N. lat., on the east by 145° W. long., and on the west by 180° long.

(5) From April 1 through May 31, owners and operators of vessels registered for use of longline gear may not receive from another vessel HMS that were harvested by longline gear in waters bounded on the south by 0° lat., on the north by 15° N. lat., on the east by 145° W. long., and on the west by 180° long.

(6) From April 1 through May 31, owners and operators of vessels registered for use of longline gear may not land or transship HMS that were harvested by longline gear in waters bounded on the south by 0° lat., on the north by 15° N. lat., on the east by 145° W. long., and on the west by 180° long.

(7) No light stick may be possessed on board a vessel registered for use of longline gear during fishing trips that include any fishing west of 150° W. long. and north of the equator (0° N. lat.). A light stick as used in this paragraph is any type of light emitting device, including any fluorescent glow bead, chemical, or electrically powered

light that is affixed underwater to the longline gear.

(8) When a conventional monofilament longline is deployed in waters west of 150° W. long. and north of the equator (0° N. lat.) by a vessel registered for use of longline gear, no fewer than 15 branch lines may be set between any two floats. Vessel operators using basket-style longline gear must set a minimum of 10 branch lines between any 2 floats when fishing in waters north of the equator.

(9) Longline gear deployed west of 150° W. long. and north of the equator (0° N. lat.) by a vessel registered for use of longline gear must be deployed such that the deepest point of the main longline between any two floats, *i.e.*, the deepest point in each sag of the main line, is at a depth greater than 100 m (328.1 ft or 54.6 fm) below the sea surface.

(10) Owners and operators of longline vessels registered for use of longline gear may land or possess no more than 10 swordfish from a fishing trip where any part of the trip included fishing west of 150° W. long. and north of the equator (0° N. lat.).

(11) Owners and operators of longline vessels registered for use of longline gear are subject to the provisions at 50 CFR part 223 prohibiting shallow sets to target swordfish in waters beyond the U.S. EEZ and east of 150° W. long. and establishing that no more than 10 swordfish may be landed by a longline vessel registered for use of longline gear from a trip if any sets of longline gear were made on that trip in those waters.

(b) *Sea turtle take mitigation measures.*

(1) Owners and operators of vessels registered for use of longline gear must carry aboard their vessels line clippers meeting the minimum design standards specified in paragraph (b)(2) of this section, dip nets meeting minimum standards specified in paragraph (b)(3) of this section, and wire or bolt cutters capable of cutting through the vessel's hooks. These items must be used to disengage any hooked or entangled sea turtles with the least harm possible to the sea turtles and as close to the hook as possible in accordance with the requirements specified in paragraphs (b)(4) through (b)(7) of this section.

(2) Line clippers are intended to cut fishing line as close as possible to hooked or entangled sea turtles. NMFS has established minimum design standards for line clippers. The Arceneaux line clipper (ALC) is a model line clipper that meets these minimum design standards and may be fabricated from readily available and low-cost materials (see figure 1 to §660.32). The minimum design standards are as follows:

(i) The cutting blade must be curved, recessed, contained in a holder, or otherwise afforded some protection to minimize direct contact of the cutting surface with sea turtles or users of the cutting blade.

(ii) The blade must be capable of cutting 2.0-2.1 mm monofilament line and nylon or polypropylene multistrand material commonly known as braided mainline or tarred mainline.

(iii) The line clipper must have an extended reach handle or pole of at least 6 ft (1.82 m).

(iv) The cutting blade must be securely fastened to the extended reach handle or pole to ensure effective deployment and use.

(3) Dip nets are intended to facilitate safe handling of sea turtles and access to sea turtles for purposes of cutting lines in a manner that minimizes injury and trauma to sea turtles. The minimum design standards for dip nets that meet the requirements of this section are:

(i) The dip net must have an extended reach handle of at least 6 ft (1.82 m) of wood or other rigid material able to support a minimum of 100 lbs (34.1 kg) without breaking or significant bending or distortion.

(ii) The dip net must have a net hoop of at least 31 inches (78.74 cm) inside diameter and a bag depth of at least 38 inches (96.52 cm). The bag mesh openings may be no more than 3 inches × 3 inches (7.62 cm × 7.62 cm).

(4) All incidentally taken sea turtles brought aboard for dehooking and/or disentanglement must be handled in a manner to minimize injury and promote post-hooking survival.

(i) When practicable, comatose sea turtles must be brought on board immediately, with a minimum of injury, and handled in accordance with the

procedures specified in paragraphs (b)(5) and (b)(6) of this section.

(ii) If a sea turtle is too large or hooked in such a manner as to preclude safe boarding without causing further damage/injury to the turtle, line clippers described in paragraph (b)(2) of this section must be used to clip the line and remove as much line as possible prior to releasing the turtle.

(iii) If a sea turtle is observed to be hooked or entangled by longline gear during hauling operations, the vessel operator must immediately cease hauling operations until the turtle has been removed from the longline gear or brought on board the vessel.

(iv) Hooks must be removed from sea turtles as quickly and carefully as possible. If a hook cannot be removed from a turtle, the line must be cut as close to the hook as possible.

(5) If the sea turtle brought aboard appears dead or comatose, the sea turtle must be placed on its belly (on the bottom shell or plastron) so that the turtle is right side up and its hindquarters elevated at least 6 inches (15.24 cm) for a period of no less than 4 hours and no more than 24 hours. The amount of the elevation depends on the size of the turtle; greater elevations are needed for larger turtles. A reflex test, performed by gently touching the eye and pinching the tail of a sea turtle, must be administered by a vessel operator, at least every 3 hours, to determine if the sea turtle is responsive. Sea turtles being resuscitated must be shaded and kept damp or moist but under no circumstance may be placed into a container holding water. A water-soaked towel placed over the eyes, carapace, and flippers is the most effective method to keep a turtle moist. Those that revive and become active must be returned to the sea in the manner described in paragraph (b)(6) of this section. Sea turtles that fail to revive within the 24-hour period must also be returned to the sea in the manner described in paragraph (b)(6)(i) of this section.

(6) Live turtles must be returned to the sea after handling in accordance with the requirements of paragraphs (b)(4) and (b)(5) of this section:

(i) By putting the vessel engine in neutral gear so that the propeller is

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disengaged and the vessel is stopped, and releasing the turtle away from deployed gear; and

(ii) Observing that the turtle is safely away from the vessel before engaging the propeller and continuing operations.

(7) In addition to the requirements in paragraphs (b) and (c) of this section, a vessel operator shall perform sea turtle handling and resuscitation techniques consistent with 50 CFR 223.206(d)(1), as appropriate.

(c) *Longline Seabird mitigation measures.* (1) Seabird mitigation techniques. Owners and operators of vessels registered for use of longline gear must ensure that the following actions are taken when fishing north of 23° N. lat.:

(i) Employ a line setting machine or line shooter to set the main longline when making deep sets west of 150° W. long. using monofilament main longline;

(ii) Attach a weight of at least 45 g to each branch line within 1 m of the hook when making deep sets using monofilament main longline;

(iii) When using basket-style longline gear, ensure that the main longline is deployed slack to maximize its sink rate;

(2) Use completely thawed bait that has been dyed blue to an intensity level specified by a color quality control card issued by NMFS;

(3) Maintain a minimum of two cans (each sold as 0.45 kg or 1 lb size) containing blue dye on board the vessel;

(4) Discharge fish, fish parts (offal), or spent bait while setting or hauling longline gear, on the opposite side of the vessel from where the longline gear is being set or hauled;

(5) Retain sufficient quantities of fish, fish parts, or spent bait, between the setting of longline gear for the purpose of strategically discharging it in accordance with paragraph (a)(6) of this section;

(6) Remove all hooks from fish, fish parts, or spent bait prior to its discharge in accordance with paragraph (c)(4) of this section; and

(7) Remove the bill and liver of any swordfish that is caught, sever its head from the trunk and cut it in half vertically, and periodically discharge the butchered heads and livers in ac-

cordance with paragraph (a)(6) of this section.

(8) If a short-tailed albatross is hooked or entangled by a vessel registered for use of longline gear, owners and operators must ensure that the following actions are taken:

(i) Stop the vessel to reduce the tension on the line and bring the bird on board the vessel using a dip net;

(ii) Cover the bird with a towel to protect its feathers from oils or damage while being handled;

(iii) Remove any entangled lines from the bird;

(iv) Determine if the bird is alive or dead.

(A) If dead, freeze the bird immediately with an identification tag attached directly to the specimen listing the species, location and date of mortality, and band number if the bird has a leg band. Attach a duplicate identification tag to the bag or container holding the bird. Any leg bands present must remain on the bird. Contact NMFS, the Coast Guard, or the U.S. Fish and Wildlife Service at the numbers listed on the Short-tailed Albatross Handling Placard distributed at the NMFS protected species workshop, inform them that you have a dead short-tailed albatross on board, and submit the bird to NMFS within 72 hours following completion of the fishing trip.

(B) If alive, handle the bird in accordance with paragraphs (c)(9) through (c)(14) of this section.

(9) Place the bird in a safe enclosed place;

(10) Immediately contact NMFS, the Coast Guard, or the U.S. Fish and Wildlife Service at the numbers listed on the Short-tailed Albatross Handling Placard distributed at the NMFS protected species workshop and request veterinary guidance;

(11) Follow the veterinary guidance regarding the handling and release of the bird.

(12) Complete the short-tailed albatross recovery data form issued by NMFS.

(13) If the bird is externally hooked and no veterinary guidance is received within 24-48 hours, handle the bird in accordance with paragraphs (c)(17)(iv) and (v) of this section, and release the

bird only if it meets the following criteria:

- (i) Able to hold its head erect and respond to noise and motion stimuli;
- (ii) Able to breathe without noise;
- (iii) Capable of flapping and retracting both wings to normal folded position on its back;
- (iv) Able to stand on both feet with toes pointed forward; and
- (v) Feathers are dry.

(14) If released under paragraph (c)(13) of this section or under the guidance of a veterinarian, all released birds must be placed on the sea surface.

(15) If the hook has been ingested or is inaccessible, keep the bird in a safe, enclosed place and submit it to NMFS immediately upon the vessel's return to port. Do not give the bird food or water.

(16) Complete the short-tailed albatross recovery data form issued by NMFS.

(17) If a seabird other than a short-tailed albatross is hooked or entangled by a vessel registered for use of longline gear, owners and operators must ensure that the following actions are taken:

- (i) Stop the vessel to reduce the tension on the line and bring the seabird on board the vessel using a dip net;
- (ii) Cover the seabird with a towel to protect its feathers from oils or damage while being handled;
- (iii) Remove any entangled lines from the seabird;
- (iv) Remove any external hooks by cutting the line as close as possible to the hook, pushing the hook barb out point first, cutting off the hook barb using bolt cutters, and then removing the hook shank;
- (v) Cut the fishing line as close as possible to ingested or inaccessible hooks;
- (vi) Leave the bird in a safe enclosed space to recover until its feathers are dry; and
- (vii) After recovered, release seabirds by placing them on the sea surface.

(d) *Vessel monitoring system.* (1) Only a VMS unit owned by NMFS and installed by NMFS complies with the requirement of this subpart.

(2) After the holder of a permit to use longline gear has been notified by the SAC of a specific date for installation

of a VMS unit on the permit holder's vessel, the vessel must carry the VMS unit after the date scheduled for installation.

(3) A longline permit holder will not be assessed any fee or other charges to obtain and use a VMS unit, including the communication charges related directly to requirements under this section. Communication charges related to any additional equipment attached to the VMS unit by the owner or operator shall be the responsibility of the owner or operator and not NMFS.

(4) The holder of a longline permit and the master of the vessel operating under the permit must:

- (i) Provide opportunity for the SAC to install and make operational a VMS unit after notification.
- (ii) Carry the VMS unit on board whenever the vessel is at sea.
- (iii) Not remove or relocate the VMS unit without prior approval from the SAC.

(5) The SAC has authority over the installation and operation of the VMS unit. The SAC may authorize the connection or order the disconnection of additional equipment, including a computer, to any VMS unit when deemed appropriate by the SAC.

(e) *Protected species workshop.* (1) Each year both the owner and the operator of a vessel registered for use of longline gear must attend and be certified for completion of a workshop conducted by NMFS on mitigation, handling, and release techniques for turtles and seabirds and other protected species.

(2) A protected species workshop certificate will be issued by NMFS annually to any person who has completed the workshop.

(3) An owner of a vessel registered for use of longline gear must have on file a valid protected species workshop certificate or copy issued by NMFS in order to maintain or renew their vessel registration.

(4) An operator of a vessel registered for use of longline gear must have on board the vessel a valid protected species workshop certificate issued by NMFS or a legible copy thereof.

(f) An operator of a vessel registered for use of longline gear must notify the Regional Administrator at least 24 hours prior to embarking on a fishing

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trip regardless of the intended area of fishing.

(g) An operator of a vessel registered for use of longline gear in waters east of 150° W. long. and beyond the EEZ is subject to the requirements at 50 CFR part 223.

[69 FR 18453, Apr. 7, 2004]

§ 660.713 Drift gillnet fishery.

(a) *Take Reduction Plan gear restrictions.* Gear restrictions resulting from the Pacific Offshore Cetacean Take Reduction Plan established under the authority of the Marine Mammal Protection Act of 1972 can be found at 50 CFR 229.31.

(b) *Other gear restrictions.* (1) The maximum length of a drift gillnet on board a vessel shall not exceed 6,000 ft (1828 m).

(2) Up to 1,500 ft (457 m) of drift gillnet in separate panels of 600 ft (182.88 m) may be on board the vessel in a storage area.

(c) *Protected Resource Area closures.* (1) Pacific leatherback conservation area. No person may fish with, set, or haul back drift gillnet gear in U.S. waters of the Pacific Ocean from August 15 through November 15 in the area bounded by straight lines connecting the following coordinates in the order listed:

- (i) Pt. Sur at 36°18.5' N. lat., to
- (ii) 34°27' N. lat. 123°35' W. long., to
- (iii) 34°27' N. lat. 129° W. long., to
- (iv) 45° N. lat. 129° W. long., thence to
- (v) the point where 45° N. lat. intersects the Oregon coast.

(2) *Pacific loggerhead conservation area.* No person may fish with, set, or haul back drift gillnet gear in U.S. waters of the Pacific Ocean east of the 120° W. meridian from June 1 through August 31 during a forecasted, or occurring, El Nino event off the coast of southern California.

(i) *Notification of an El Nino event.* The Assistant Administrator will publish in the FEDERAL REGISTER a notification that an El Nino event is occurring, or is forecast to occur, off the coast of southern California and the requirement of a closure under this paragraph (c)(2). Furthermore, the Assistant Administrator will announce the requirement of such a closure by other methods as are necessary and appropriate to

provide actual notice to the participants in the California/Oregon drift gillnet fishery.

(ii) *Determination of El Nino conditions.* The Assistant Administrator will rely on information developed by NOAA offices which monitor El Nino events, such as NOAA's Climate Prediction Center and the West Coast Office of NOAA's Coast Watch program, in order to determine whether an El Nino is forecasted or occurring for the coast of southern California. The Assistant Administrator will use the monthly sea surface temperature anomaly charts to determine whether there are warmer than normal sea surface temperatures present off of southern California during the months prior to the closure month for years in which an El Nino event has been declared by the NOAA Climate Prediction Center. Specifically, the Assistant Administrator, will use sea surface temperature data from the third and second months prior to the month of the closure for determining whether El Nino conditions are present off of southern California.

(iii) *Reopening.* If, during a closure as described within this paragraph (c)(2), sea surface temperatures return to normal or below normal, the Assistant Administrator may publish a FEDERAL REGISTER notice announcing that El Nino conditions are no longer present off the coast of southern California and may terminate the closure prior to August 31.

(d) *Mainland area closures.* The following areas off the Pacific coast are closed to driftnet gear:

(1) Within the U.S. EEZ from the United States-Mexico International Boundary to the California-Oregon border from February 1 through April 30.

(2) In the portion of the U.S. EEZ within 75 nautical miles from the mainland shore from the United States-Mexico International Boundary to the California-Oregon border from May 1 through August 14.

(3) In the portion of the U.S. EEZ within 25 nautical miles of the coastline from December 15 through January 31 of the following year from the United States-Mexico International Boundary to the California-Oregon border.