## Streamer lines reduce bycatch

Research done by the University of Washington Sea Grant Program has shown that streamer lines, when properly deployed, can reduce seabird bycatch in longline operations at rates approaching 100 percent. The lines create a bird-free corridor in which baited longline hooks can sink, thus reducing seabird mortality.

# Free Streamer Lines Longline Vessels

# Bird avoidance devices required by state and federal regulations

In order to reduce bycatch of short-tailed albatross and other seabirds, federal and state regulations now require most longline vessels to use bird avoidance devices and techniques when longline fishing in state and federal waters off Alaska. Seabird avoidance requirements vary depending on your vessel length, area fished, type of gear used, and the superstructure of your vessel. For your specific requirements, see the NOAA Fisheries Service seabird website at www.fakr.noaa.gov/protectedresources/seabirds/ guide.htm or contact your local NOAA Fisheries Enforcement office.

# Partnership provides free streamer lines

In 2000, the U.S. Fish and Wildlife Service, Pacific States Marine Fisheries Commission (PSMFC), and NOAA Fisheries Service, working in conjunction with Washington Sea Grant, developed and distributed free streamer lines made of 3/8" blue steel poly to Alaska longliners. Over 4000 have been distributed and 1000 are still available. In addition, Mark Lundsten and the Alaska Sea Grant Marine Advisory Program designed and tested three additional streamer line models. These lines are made of 3/16" poly, a lighter material that performs better on smaller vessels and on those that set gear more slowly. These lighter lines are now also available to you for free through the same cooperative effort.

Streamer line requests will be filled in the order that they are received until all of the available lines are distributed.

# Instructions for receiving free streamer lines

You can receive your free streamer line in one of four ways:

- 1. Return the mail-in form on the back of this sheet. Your requested lines will be mailed to the address you provide.
- 2. Go to www.psmfc.org/streamers to send an electronic request. Your requested lines will be mailed to the address you provide.
- 3. Send an email to **streamers@psmfc.org**. Provide name, address, telephone number, and number and size of lines you would like mailed to you.
- 4. Pick them up at one of these distribution points:



An aggressive Short-tailed albatross takes on three Laysan albatross, one Black-footed albatross, and several northern fulmars for a mouthful of squid. Short-tailed albatross were hunted to the brink of extinction for their feathers in the early 1900s. From a population low of perhaps a dozen, about 1900 of this endangered species now wander the North Pacific and breed on two small and isolated rocky islands in Japan. Photo courtesy Washington Sea Grant.

In total, four types of streamer lines are now available to longliners for free:

Type of lines	Recommended for use on vessels setting
150-foot streamer lines made of 3/16" poly	snap-on longline gear
150-foot streamer lines made of 3/16" poly with detachable streamers	snap-on longline gear <b>and</b> using gurdies or spools to deploy/retrieve streamer lines
300-foot streamer lines made of 3/16" poly	conventional (stuck) gear
300-foot streamer lines made of 3/8" blue steel poly	conventional (stuck) gear

#### **Hanson Hydraulics Repair** 22639 Airport Beach Rd

Dutch Harbor, AK

#### **Kodiak Marine Supply** 412 Shelikof Avenue

Kodiak, AK The Auction Block

#### 770 Fish Dock Road #7 Homer AK

**Seward Fisheries** 601 Port Avenue Seward, AK

# **Sea Grant Marine Advisory Program**

Prince William Sound Aquaculture Corp. 500 First Ave. Cordova, AK

#### Yakutat Salmon Board

Courthouse Building. **Downstairs** 508 Max Italio Dr. Yakutat, AK 907-784-3329

#### **Taku Fisheries**

550 S. Franklin Juneau, AK

#### Alaska Dept. Fish & Game 304 Lake Street, Room 103 Sitka, AK

**Sea Grant Marine Advisory Program** 

# 219 N. Nordic Dr. Petersburg, AK

**Sea Grant Marine Advisory Program** 

2030 Sealevel Dr., Suite 201B Ketchikan, AK

# **Craig Fisheries**

Cold Storage Rd. Craig, AK

#### **Seattle Marine and** Fishing Supply

2121 West Commodore Way Seattle, WA





Most NOAA Fisheries Enforcement offices also have lines available.

### In signing this application form, I acknowledge the following:

This bird deterrence equipment (Equipment) has been developed by the Pacific States Marine Fisheries Commission (PSMFC) based on work supported by the U.S. Fish and Wildlife Service, Region 7 under Grant No. 701810G037. This equipment is being provided free of charge to the User. Rights for use are granted to the User subject to the following provisions:

User acknowledges that there is no warranty for this Equipment.

User acknowledges that neither PSMFC nor the Government attests to the safety or efficacy of this Equipment for the purpose of deterring birds from fishing operations.

User acknowledges that neither PSMFC nor the Government assumes liability for the use of this Equipment. Neither PSMFC nor the Government shall be liable for loss or damage to User's property that (1) occurs after User acceptance, and (2) results from any defect or deficiencies in Equipment. Nor will PSMFC or the Government reimburse the User for its liability to third persons with respect to loss resulting in any way from the use of this Equipment.

 Signature
 Date

# Fold here and tape shut

Place first class stamp here. Post Office cannot deliver without stamp.

Free Streamer Line Offer
Pacific States Marine Fisheries Commission
205 SE Spokane St, Ste 100
Portland, OR 97202

#### Fold here and tape shut

Please send me the following type and quantity of streamer lines, free of charge, to the address below:

Vessel length \_\_\_\_\_

Quantity	Туре
	150-foot 3/16" poly
	150-foot 3/16" poly with detachable streamers
	300-foot 3/16" poly
	300-foot blue 3/8" steel poly