

ANTI-DEPREDATION PINGER

FISHTEK
MARINE

Proven to reduce net interactions and prevent dolphins taking your catch

Stop
dolphins
taking your
catch!



TECHNOLOGY THAT WORKS FOR FISHERMEN AND THE ENVIRONMENT

A robust, cost effective solution to reduce depredation

Effective at reducing cetacean interactions whilst not effecting your fishing operations.



Improve Catch Rates

Proven to improve catch rates in dolphin depredated fisheries.



Reduce Gear Damage

Proven to reduce net damage in gill net fisheries.



Reduce Bycatch

Proven to stop dolphin deaths when used on trawlers.



Seal Safe

Proven to not attract seals and in some cases can dramatically reduce seal interactions.



Fit and Forget

Proven to not interfere with fishing operations



Easy to Use

Light weight, dual point attachment suitable for set nets, seines, trawls and longlines.



Advanced Acoustics

1000 times more powerful than conventional pingers.



Auto Immersion Switch

On/off in water.



Durable

Depth rated to 1000m.



Proven Design

Millions of hours use in operational fisheries.

FIND OUT MORE AT
fishtekmarine.com

MADE IN
BRITAIN



ANTI-DEPREDATION PINGER: Suggested fitting instructions (This act

Threading Pinger to Rope

For attachment to gillnet, seine and trawls

Attach Pinger to joining rope

Recommended joining rope is 1.8 meters of 8mm polypropylene rope.

Rope threaded through the red banana

(A) must be LONGER than the rope passing above pinger **(B)**. This will ensure that the pinger is not under tension when hauling.

When attaching to gillnet, seine and trawls, rig in such a way that hauling forces are placed through the ropes above the pinger.

When in operation or hauling the rope threaded through the pinger should not be put under tension.

SPLICE PINGER ONTO ROPE

SPLICE AN EYE

UNDER TENSION

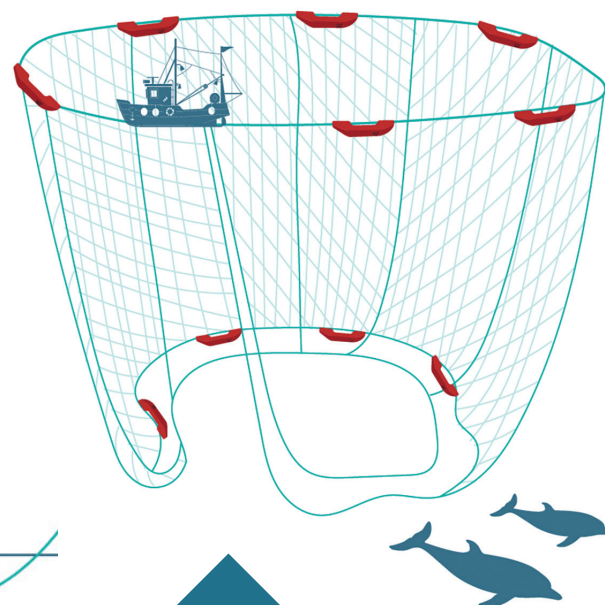
Pinger allowed to move freely even when floatline is under tension.

Fitting the Pinger to a Gillnet

Anti-depredation Pingers may be threaded onto ropes joining net panels on either the head rope or foot rope.

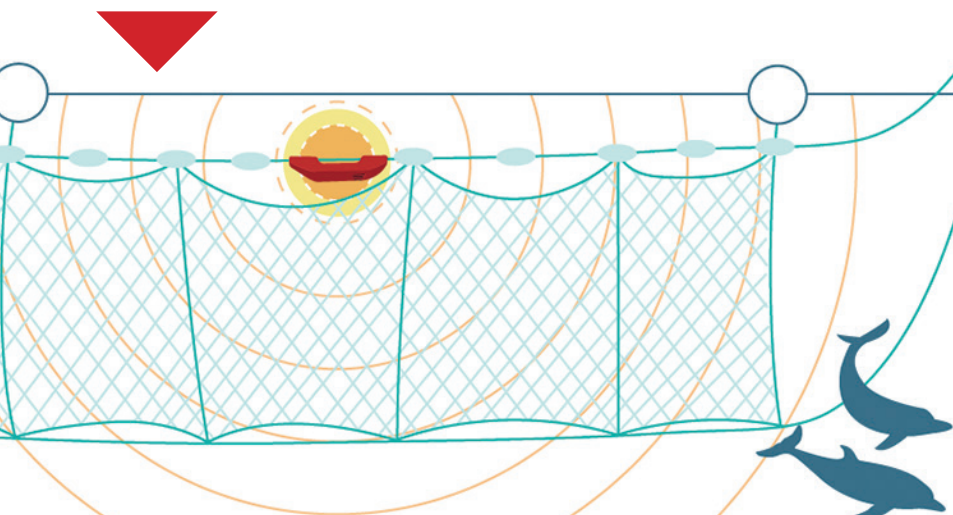
We recommend pingers are fitted to the rope that is not used for hauling.

Where possible we recommend pingers are attached between net panels.



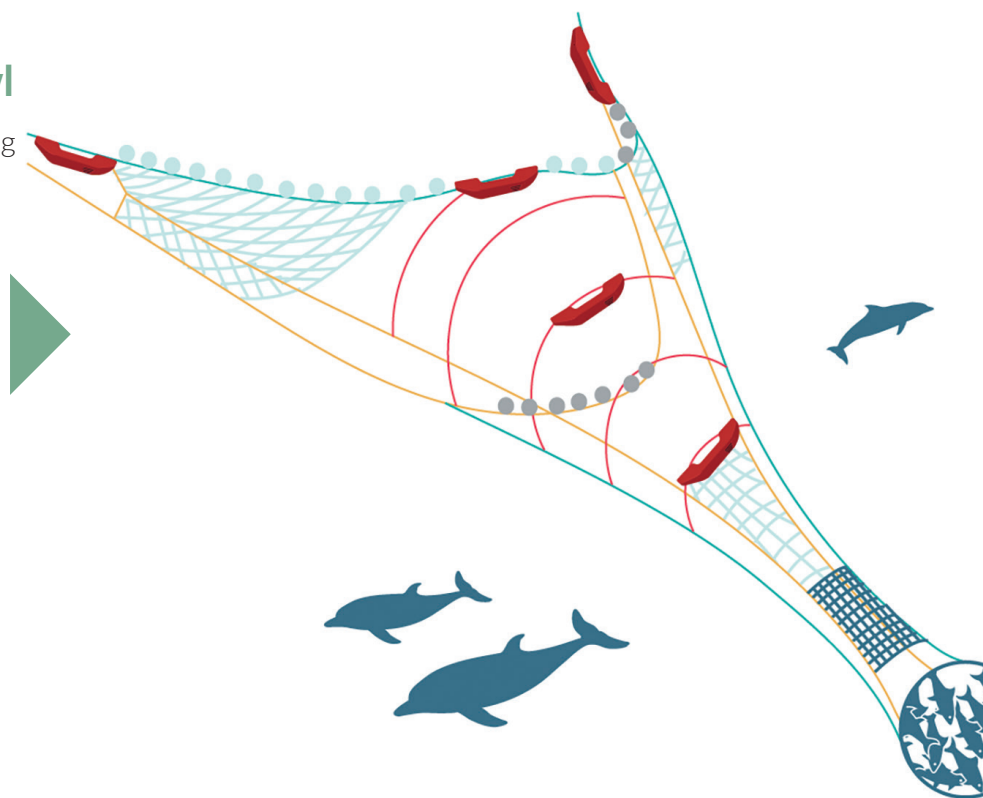
Fitting the Pinger to a Purse Seine

We recommend attaching pinger to the floatline and if seine depth is greater than 100m also attach to purse line.



Fitting the Pinger to a Trawl

Attach pingers to the head rope, ensuring one at each wing and others spaced as shown on the diagram with distance between pingers no more than 50m.



LOGLINE
SNAP

6-8mm
CORD

Orientate pinger this way.

KNOT

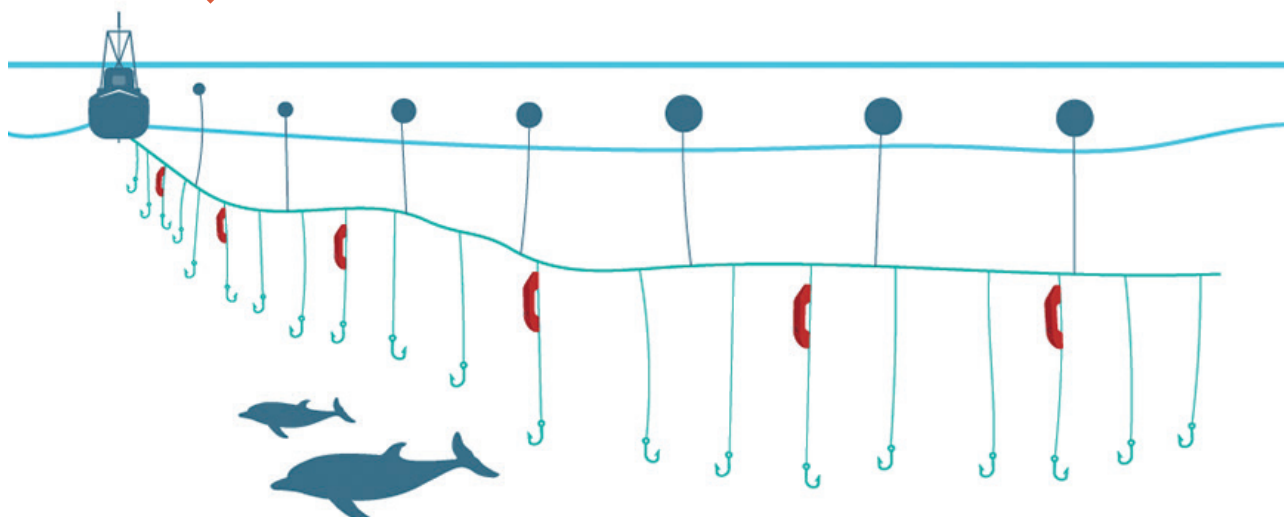
Fitting the Pinger to a Longline

Prepare each pinger for attachment to the longline by threading 8mm polypropylene rope through the carrier and attaching a stainless-steel snap on one end and tying a knot to the bottom end. Orientate the pinger such that the acoustic end is hanging down.

Pinger Spacing

Attach the pingers either directly to the mainline or on the branchlines no greater than 10m from the hook.

We recommend pingers should be spaced every 75-100 meters. Or one per hook if the distance between hooks is >100m. In many instances, there will be one pinger for every 2 or three hooks. Skippers may try shortening or lengthening the distance between pingers depending on the species and area.



ANTI-DEPREDATION PINGER: Technical Specifications

TECHNICAL SPECIFICATIONS

LED light indication functionality	Yes
Auto immersive switch	Yes
Depth rating	1000 meters
Battery type	Replaceable alkaline c-cell (LR14)
In water weight	37 grams
Dimensions	185mm x 52mm x 42mm
Warranty	12 month manufacturer's warranty

ACOUSTIC CHARACTERISTICS

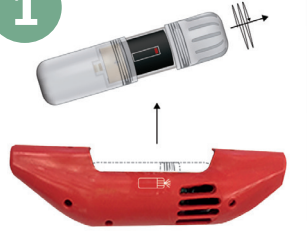
Frequency range	40kHz
Signal strength - SPL	(re 1μPa at 1 m) 175 dB ±3dB
Ping frequency	4-12 seconds

PINGER SPACING

Gillnet	Every 50-75m
Purse Seine	Every 50-100m
Trawl	Every 50m
Longline	Every 75-100m

Battery Fitting

1



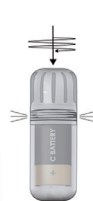
Remove the Pinger from the rubber carrier and unscrew the lid.

2



Insert the battery ensuring the polarity is correct.

3



Replace the Pinger lid and tighten down fully, ensuring the O-Ring becomes compressed.

4



Insert the flashing end of the Pinger into the rubber carrier first, ensuring the correct orientation of the carrier.

WATCH THE VIDEO ON OUR WEBSITE

Checking the Battery

Checking the battery is quick and easy: look at the end of the carrier with the LED viewing hole and observe the number of flashes.

LED Flashes	Battery Check
	100%
	70%
	30%
	Replace battery!



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