

# 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](https://fishtekmarine.com)

MADE IN BRITAIN 



# ANTI-DEPREDAATION PINGER:

## Threading Pinger to Rope

For attachment to gillnet, seine and trawls

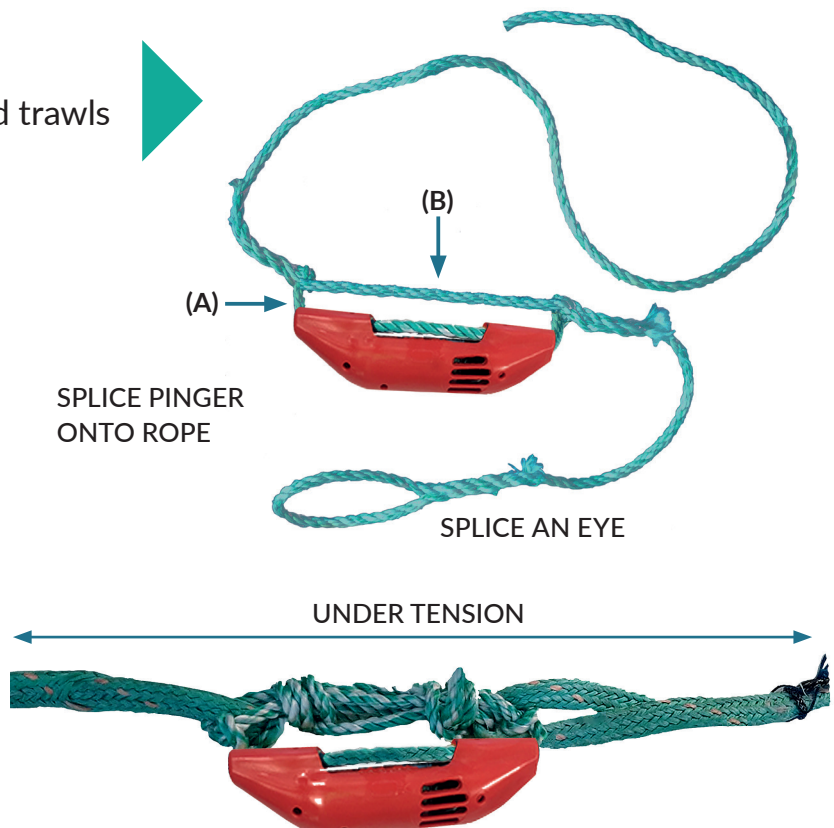
### Attach Pinger to joining rope

Recommended joining rope is 1.8 meters of 8mm polypropolene 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.



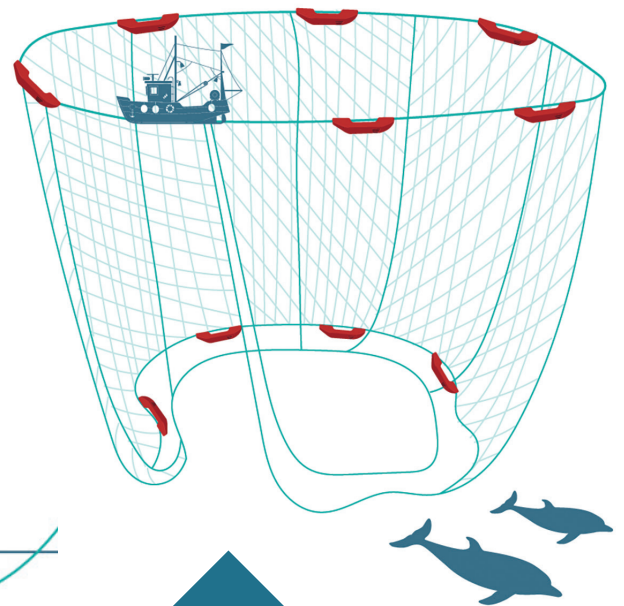
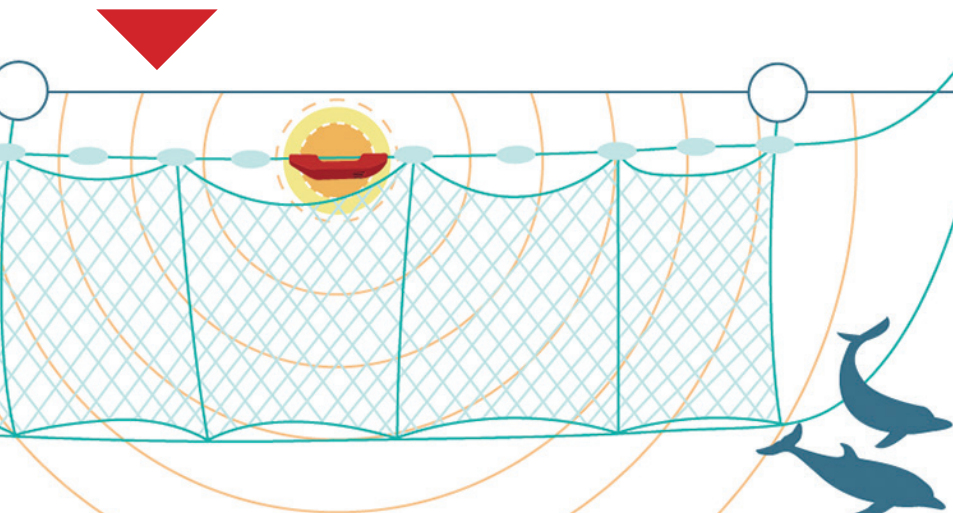
Pinger allowed to move freely even when floatline is under tension.

## 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.

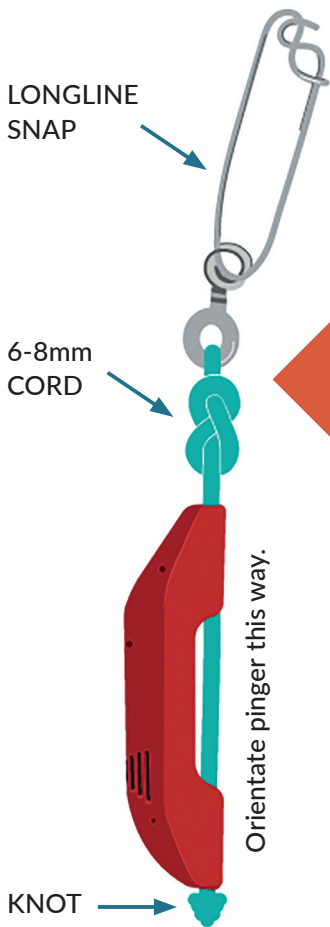
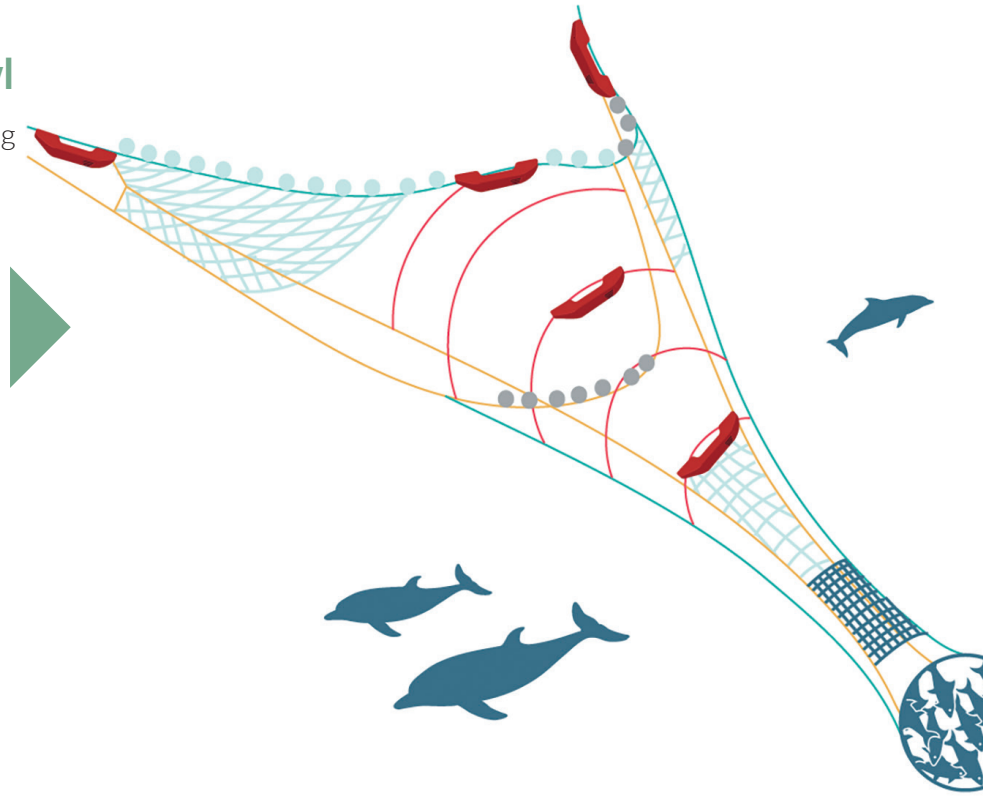


## Fitting the Pinger to a Purse Seine

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.



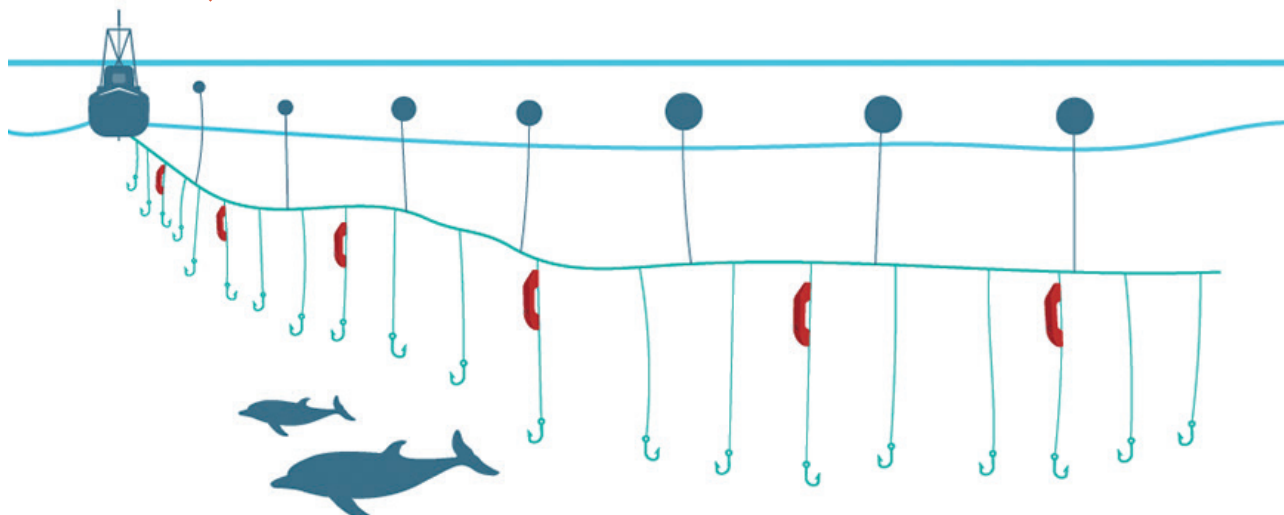
## Fitting the Pinger to a Longline

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.



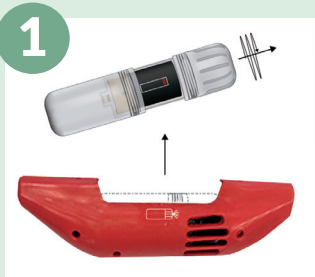
# ANTI-DEPREDAATION PINGER: Technical Specifications

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

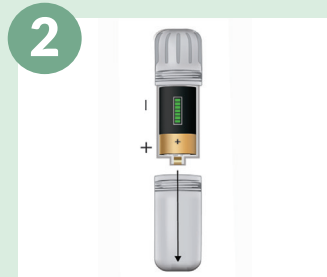
ACOUSTIC CHARACTERISTICS	
Frequency range	40kHz
Signal strength - SPL	(re 1µPa at 1 m) 175 dB ±3dB
Ping frequency	4-12 seconds

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

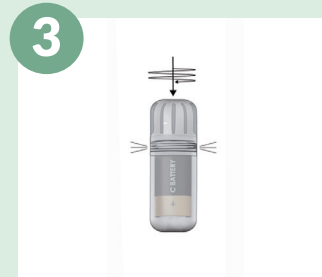
## Battery Fitting



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



Insert the battery ensuring the polarity is correct.



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



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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