



CVT VALORISATION SUD

Marine Technologies

DEPRED : dispositive to fight against depredation of catches

CONTACT

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Technology's description

The depredation is a phenomenon still little studied but very impacting on the level economy and ecology. Between 15% and 25% of the catches can be affected. Armaments and fishermen are very keen on innovations in this field and are ready to test all the existing means likely to stop or at least slow down the phenomenon.

DEPRED is a dispositive designed to protect longline fishing catches against depredation caused by sharks and toothed whales (dolphin, orca...), thanks to a visual and auditive lure.

Different types of lures can be used, such as a protection ring, an acoustic reflection target, among others.

Advantages

- Decrease of fish losses
- Reduction of fishing gears damages
- Other acoustic dispositives to prevent depredation are inefficient for long term use
- Positive effects for eco-system: decrease of fishing pressure, better fishing statistics, preservation of toothed whales

Intellectual property

Patent

Development level

Experimental proof of concept



Applications

- Small scale, semi-industrial and industrial longline fisheries

Technology transfer

- License



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