

# an 80 mm T90 mesh panel in the extension and last tapered section to improve trawl selectivity

## AIM

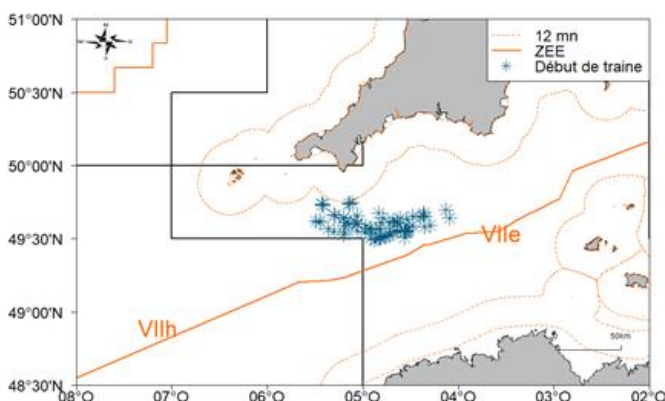
To use a T90 mesh panel in the tapered section and extension of a demersal trawl with a 2-panel extension and codend to reduce catches of mackerel, horse mackerel and undersized haddock and whiting.

## TARGET SPECIES

whiting, haddock, monkfish, squid, cuttlefish and red mullet

## AREA, VESSEL

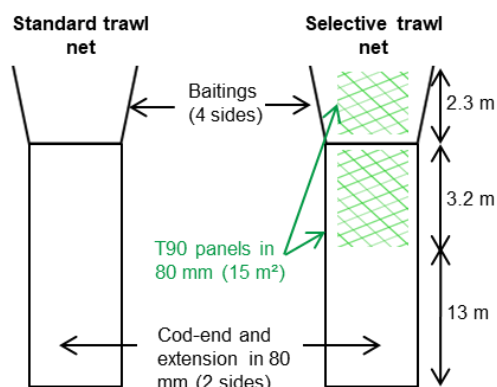
38 pairs of alternate hauls were carried out from October 2017 to February 2018 on board 20-24 m bottom trawlers fishing in the Western Channel.



First panel in T90 on the sorting yard (ship THE ECUME DES JOURS) © Cobrenord

## GEAR MODIFICATION

A standard trawl with an 80 mm codend and extension was compared with a test trawl that had a 15 m long, 80 mm T90 panel in the last tapered section and extension.



## RESULTS

Although there is a difference between the test periods, there appears to be no loss of target species through the T90 panel. There are, however, large reductions of undersized haddock and whiting and small pelagics such as mackerel and horse mackerel.

There was also no loss of squid which maybe related to the T90 netting being more open and that there is usually a greater swimming space below it.

Species	Variation in weight caught by commercial grade between selective and standard gears				
	Undersized	40	30	20	10
Cuttlefish					
Haddock	<30 cm	30-34 cm	35-40 cm	41-48 cm	> 48 cm
	-48%	?	?	?	=
Horse mackerel	Between -6% and -62% (all rejected) *				
Mackerel	Between -78% and -95% (all rejected) *				
Monkfish	=				
Red mullet	=				
Squids	=				
Whiting	<27 cm	27-32 cm	33-36 cm	37-40 cm	> 40 cm
	-73%	-44%	?	?	=

## FURTHER INFORMATION

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<http://www.cobrenord.com/2018/07/17/parution-du-rapport-final-du-projet-rejemcelec/>

