

# using 100mm T90 netting in the extension and codend

## to reduce discards in whitefish fisheries

### TARGET SPECIES

Whiting, haddock, cod, hake, anglerfish, megrim, plaice and rays

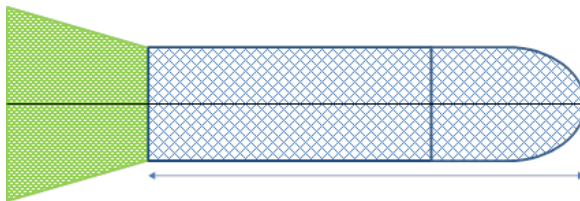
### AREA, VESSEL

87 twin trawl hauls took place in 2014 and 2015 on An Triskel (23.95 m, 453 kW) and Damocles (22 m, 442 kW) in the Celtic sea.



### GEAR MODIFICATION

The netting in the extension and codend is turned by 90° to induce a larger cross-section for the same mesh size.



Extension and codend in T90  
Double thread 4mm, 100mm mesh to the gauge (60mm mesh side)  
Total length of the device of 15 meter

### RESULTS

There was a 50% reduction of total discard by weight.

There was a 70 – 90% reduction of gadoid discards, but also a potential commercial loss of small grade gadoids.

There were large reductions of discards of boarfish, gurnards, pouts and mackerel.

There was no reduction of flat fish or anglerfish discards.

Sorting time was reduced and fish quality improved and currently the gear is being used on a voluntary basis in the fishery.

### Average % reduction in weight

	Damocles	An triskel
All species	-40	-50
Haddock	no data	-90
Hake	-80	no data
Megrim	no data	-50
Boarfish	-75	-85
Gurnards	-60	-75
Pout	no data	-90
Lesser spotted dogfish	-50	-60

### FURTHER INFORMATION

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