

using 100mm T90 netting in the extension and codend and a 120mm square mesh panel to reduce discards in whitefish fisheries

TARGET SPECIES

whiting, haddock, cod, hake, anglerfish, megrim, plaice and rays.

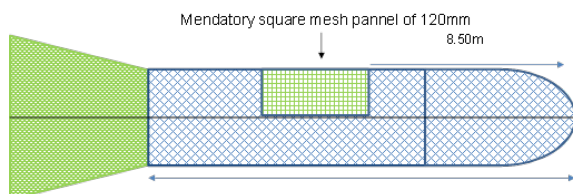
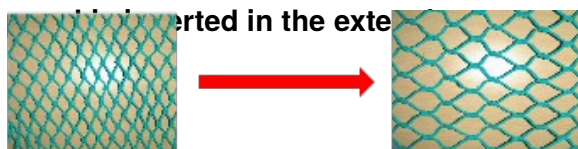
AREA, VESSEL

60 twin trawl hauls took place in 2014 and 2015 on Antaeus (20.85 m, 412 kW) and La Perouse (23.96 m, 515 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 .

The mandatory 120 mm square mesh



Extension and codend T90 of 15 meter lo.g
Double thread 4mm, 100mm mesh to the gauge (60mm mesh side)

Average % reduction of discards by weight

	Antaeus	La Perouse
All species	-35%	-20%
Whiting	-90%	-85%
Haddock	-20%	-70%
Hake	-80%	no data
Boarfish	-70%	no data
Gurnards	-60%	-80%
Pouts	-90%	
Lesser spotted dogfish	-85%	-25%
Mackerel	-75%	no data

RESULTS

There was a 30% reduction of the total discard weight in comparison to the standard diamond mesh codend with a 120 mm smp.

There was a strong improvement in the selectivity of gadoids, 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.

FURTHER INFORMATION

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