

removing codend lifting bags to reduce capture of undersized haddock and whiting

TARGET SPECIES

Haddock and whiting

AREA, VESSEL

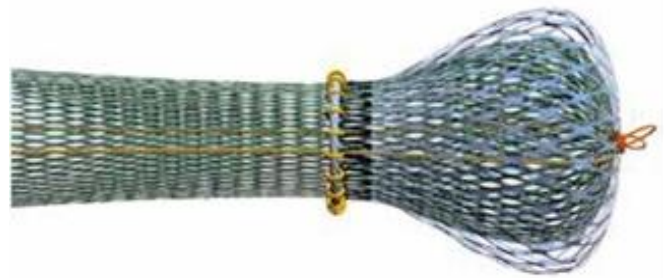
26 hauls using the covered codend technique took place East of Orkney (ICES area IVa) on board the Aalskere K373 (33.9 m, 298 kW) during June 2001



GEAR MODIFICATION

a single trawl was fished with

- (i) a 110 mm codend
- (ii) A 110 mm codend with a 265 mm lifting bag
- (iii) a 120 mm mesh codend and
- (iv) A 120 mm codend with a 265mm lifting bag



	% reduction of haddock after removing lifting bag from	
Size range	110 mm codend	120 mm codend
< 30 cm	~	71
30 - 33.5 cm	28	45
34 - 41.5 cm	8	15
34 - 41.5 cm	~	~
> 49.5 cm	~	~

RESULTS

- removing the lifting bag from 110 mm and 120 mm codends reduces the catches of smaller sizes of haddock
- there is no effect on the large haddock sizes ranges (> 42 cm)

FURTHER INFORMATION

Kynoch et al., 2004. The effect of strengthening bags on codend selectivity of a Scottish demersal trawl. Fish Res. 68, 249-257

marine scotland
science

