

increasing codend mesh size and inserting a square mesh panel to reduce discards of haddock and whiting in a seine net

TARGET SPECIES

Haddock, whiting and cod

AREA, VESSEL

90 alternate shots were carried out west of Shetland on board the Harmony LK63 (23m, 298hp) during 2001.



% reduction of haddock and whiting in comparison to the 100mm codend

grades	< MLS	IV	III	II	I
haddock					
110 mm codend	48	-	-	-	-
110 mm codend + 90 mm smp	68	41	-	-	-
120 mm codend	89	77	57	-	-

GEAR MODIFICATION

a seine net fishing a 100 mm diamond mesh codend was compared with one fishing

- (i) a 110 mm mesh codend;
- (ii) a 110 mm mesh codend with a 90 mm smp 6 – 9m from the codline and
- (iii) a 120 mm cod end

whiting					
110 mm codend	74	50	-	-	-
110 mm codend + 90 mm smp	96	81	58	-	-
120 mm codend	80	91	94	88	-

RESULTS

- there was a substantial reduction in the discarding of undersized haddock and whiting in all three codends
- fitting a 90mm square-mesh panel in the 110mm cod-end substantially reduced catches of both undersized and marketable fish.

FURTHER INFORMATION

Report on Scottish trials assessing the selectivity of trawls and seines. Industry/Science Partnership 2001 – 2002 Vol 1.

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