

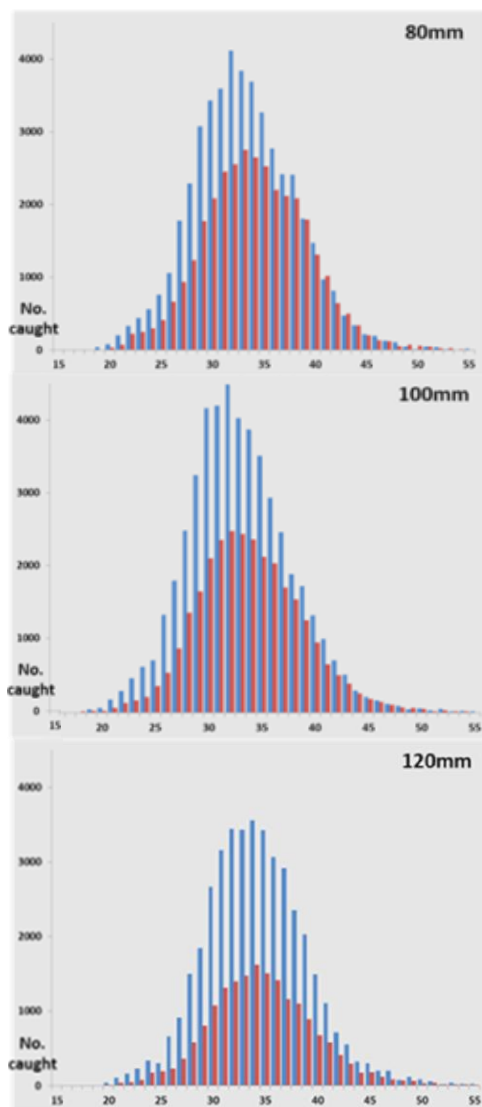
# increasing codend mesh size to reduce discards of *Nephrops*, haddock and whiting in a *Nephrops* trawl

## TARGET SPECIES

*Nephrops* and mixed whitefish and flatfish species

## AREA, VESSEL

41 twin trawl hauls took place in the west of Scotland on board the Ocean Trust PD787 during July 2014



## GEAR MODIFICATION

The catches in a *Nephrops* trawl with

- 80mm diamond mesh codend of 4mm single PE twine
- 100mm diamond mesh codend of 5mm double PE twine
- 120mm diamond mesh codend of 5mm double PE twine

are compared.

## RESULTS

Increasing mesh size reduces discards of *Nephrops*, haddock and whiting.

For *Nephrops*:

- in the 80mm mesh codend most selectivity occurs over the lower size range (< 38mm);
- in the 100mm codend some selectivity also occurs over 39-47mm size range;
- and in the 120mm codend selection occurs across the full length range.

## FURTHER INFORMATION

Drewery, J, et al., 2015. Effects of Codend Mesh Size and Twine Number on *Nephrops* Selectivity. Scottish Marine and Freshwater Science Vol 6 No 3. DOI: 10.7489/1552-1

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