

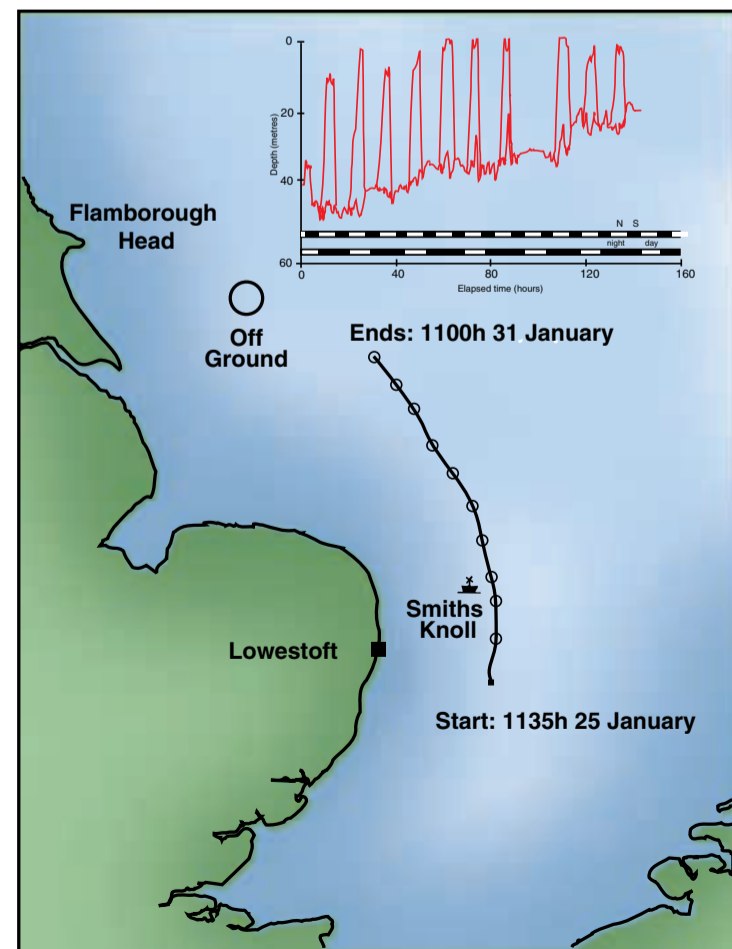
# STUDYING FISH MOVEMENTS

Most commercially important species of fish make seasonal migrations between winter spawning grounds and summer feeding grounds. During the migration season, fish may move many hundreds of kilometres in a few weeks. At other times of the year, movement may be restricted to as little as a few tens of kilometres. Understanding the mechanisms of migration, by studying the behaviour of fish in the open sea, allows us to develop models that predict the seasonal rates and scales of fish movements

## Tracking Single Fish



Tracking acoustically tagged fish with a research ship and sonar provides detailed information about fish behaviour

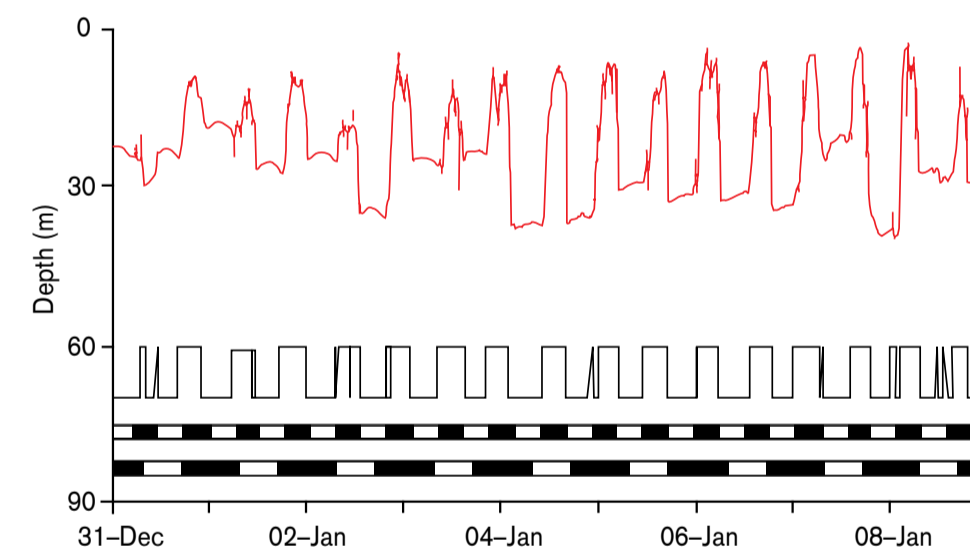


But only one fish can be followed at a time, and it is only possible to track each fish for a few days.

## Electronic Data Storage Tags



Using new electronic data storage tags developed at Lowestoft we can monitor the behaviour of many fish at the same time over periods of many months.



From the data we can build up a detailed picture of movement over an entire migration.

