


# COASTAL ZONE MAPPING IN ENGLAND AND WALES: WHERE ARE WE NOW?

Oil and gas exploitation 



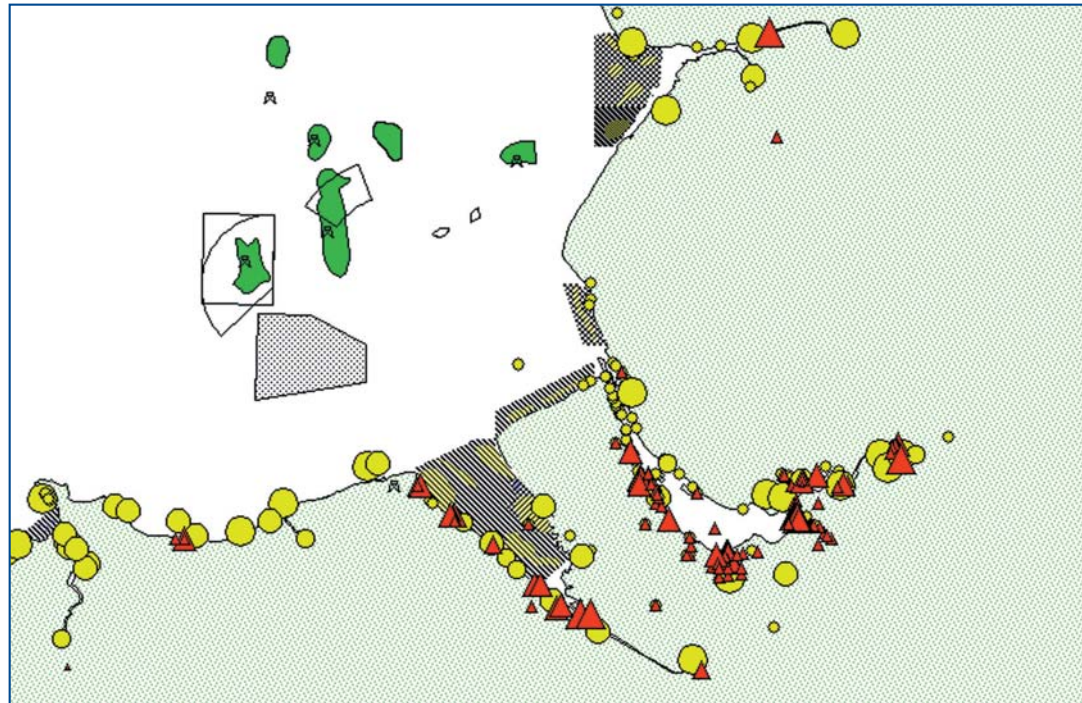
Disposal at sea 



Aggregate extraction 



The Centre for Environment, Fisheries and Aquaculture Science (CEFAS)\* provides advice on, and carries out research into, a wide range of activities in the coastal and marine environment. It is therefore both a producer and a user of a wide variety of spatial data. Since the early 1970's it has been working closely with other organisations involved in producing and using information on the marine environment with the aim of promoting an integrated approach to marine and coastal zone management.




Sewage discharges 



Shellfish production 



Trade effluent discharges 



## Printed maps

A4 black and white maps of marine resources and oceanographic data were produced for use in the emerging offshore oil and gas industry.

1970s

## MAFF Atlas

The black and white maps evolved into a full colour Atlas of the Seas around the British Isles, of which over 4000 copies were published.

1981

## UKDMAP

The success of the printed Atlas led to a collaboration between MAFF and other major holders of data on the marine environment to produce UKDMAP, a PC-based digital marine atlas. In 1999 the producers (BODC) brought out a revised version on CD ROM.

1985

## MapInfo

With the advent of user-friendly desktop mapping packages, CEFAS started to bring together 'live' data to aid those within the organisation who are involved in regulation of activities in the marine and coastal zone (see example above).

1995

## MAFF Marine and Coastal Zone Mapping project

CEFAS has recently started a project, the aims of which are to:

- Develop the geographical information held within various parts of the organisation into a single, readily accessible source of up-to-the minute data
- Forge links between mapping projects being carried out by other UK organisations
- Help determine the future direction of marine and coastal zone mapping in the UK

1999

\*CEFAS is an Executive Agency of the UK Government's Ministry of Agriculture, Fisheries and Food (MAFF).