

**European Community Directive
on the Conservation of Natural Habitats
and of Wild Fauna and Flora
(92/43/EEC)**

**Second Report by the United Kingdom under
Article 17
on the implementation of the Directive
from January 2001 to December 2006**

**Conservation status assessment for
Habitat:
H1180 - Submarine structures made by leaking
gases**

The information in this assessment corresponds to the "habitat fact sheet" submitted by the UK to the European Union in February 2008 (second and final submission). Please note that this is a section of the UK's report. For the complete report visit <http://www.jncc.gov.uk/article17>

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Habitat Name: Submarine structures made by leaking gases

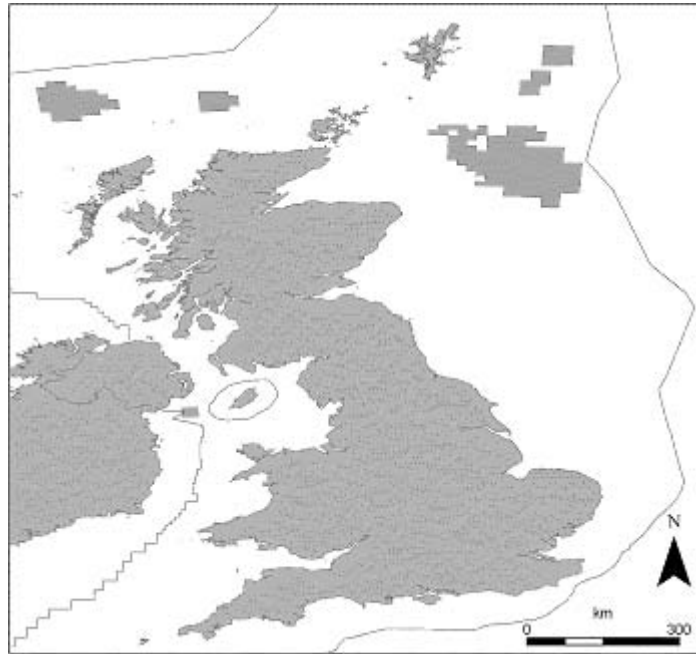
1. National level

Habitat Code H1180

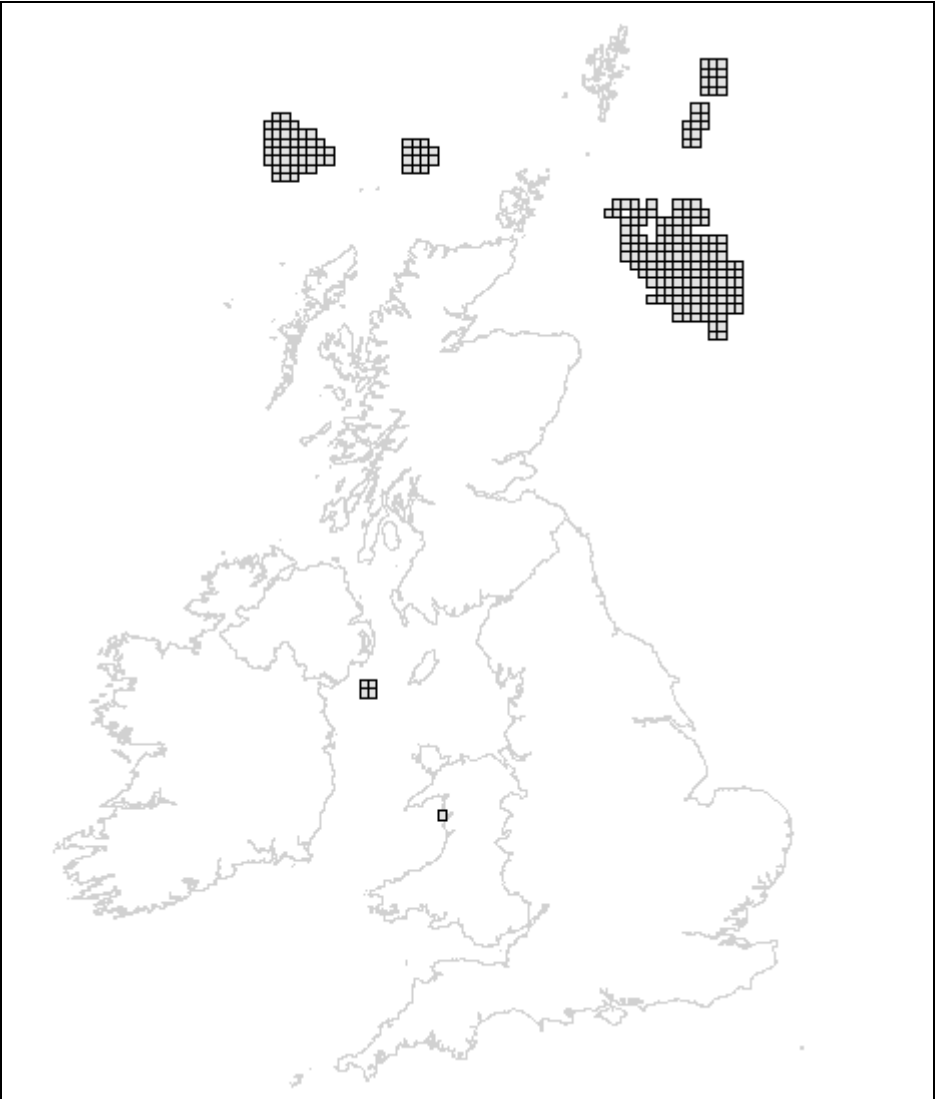
Member State UK

Biogeographic regions concerned within the MS MATL

1.1 Habitat range map



1.2 Habitat distribution map



2. Biogeographic level

2.1 Biogeographic region or marine region

MATL

2.2 Published sources and/or websites

DANDO P R, M HOVLAND, 1992, Environmental effects of submarine seeping natural gas, Continental Shelf Research, 12, 10, 1197-1208.

DE GROOT SJ, LINDEBOOM HJ. 1994 Environmental impact of bottom gears on benthic fauna in relation to natural resources management and protection of the North Sea. Netherlands Institute for Sea Research, Texel

EUROPEAN COMMISSION. 2006 Proposal for Updating the Interpretation Manual of European Union Habitats with three new definitions for the marine habitat types listed in Annex I of the 92/43 Habitats Directive: 1110 Sandbanks which are slightly covered by sea water all the time, 1170 Reefs, and 1180 Submarine structures made by leaking gases

GRAHAM C, CAMPBELL E, CAVILL J, GILLESPIE E & WILLIAMS R. 2001 JNCC Marine Habitats Version 3: its structure and content. British Geological Survey Commissioned Report, CR/01/238, 45 pp.

HOVLAND, M. & JUDD, A. G. 1988 Seabed pockmarks and seepages, pp. 293 London, Graham and Trotman.

IRVING R.A., HOLT R.H.F., NORTHEN K.O., STANWELL-SMITH D. &

WHITTINGTON M.W. 2006. Across-Wales Diving Monitoring Project Volume 1: Site Descriptions and Results. A report to the Countryside Council for Wales by Pelagial Ltd and Sea-Scope Marine Environmental Consultants. MMR No: 25a

JACKSON, D.L. & MCLEOD, C.R. (Editors) 2000, 2002, Handbook on the UK status of EC Habitats Directive interest features: provisional data on the UK distribution and extent of Annex I habitats and the UK distribution and population size of Annex II species, Revised 2002, JNCC Report 312, 180 pages, ISSN 0963 8091

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JNCC. 2007a Offshore Special Area of Conservation: Braemar Pockmarks SAC Selection Assessment, Version 3.0 (25th May 2007)

JNCC. 2007b Offshore Special Area of Conservation: Scanner Pockmark SAC Selection Assessment, Version 3.0 (25th May 2007)

JUDD, A.G. 2001 Pockmarks in the UK Sector of the North Sea, Technical Report TR_002, Technical report produced for Strategic Environmental Assessment – SEA2, DTI

JUDD, A.G. 2005 DTI Strategic Environmental Assessment, Area 6 (SEA6) The distribution and extent of methane-derived authigenic carbonate

LAFFOLEY, D. AND TASKER, M. 2004 Marine Environment Analytical paper produced to support the report Net Benefits – a sustainable and profitable future for UK fishing.

OSPAR. 2000 Quality Status Report 2000 Chapter 5 - Biology <http://www.ospar.org/eng/html/welcome.html>

ROYAL COMMISSION ON ENVIRONMENTAL POLLUTION. 2004 Turning the Tide: Addressing the Impact of Fisheries on the Marine Environment, Twenty Fifth Report

THE ROYAL SOCIETY. 2005 Ocean acidification due to increasing atmospheric carbon dioxide. The Royal Society Policy Document 12/05. 60pp

2.3 Range of the habitat within the Biogeographic or marine region

2.3.1 Surface area of range in square km	13188
2.3.2 Date of range determination	05/2007
2.3.3 Quality of data concerning range	Poor
2.3.4 Range trend	Unknown (X)
2.3.5 Range trend magnitude in %	Not applicable
2.3.6 Range trend period	1994-2006
2.3.7 Reasons for reported trend	Not applicable

2.4 Area covered by habitat type within the range in the biogeographical region concerned.

2.4.1 Surface area of the habitat type (sq km)	Unknown
2.4.2 Date of area estimation	05/2007
2.4.3 Method used for area estimation	
2.4.4 Quality of data on area	Poor
2.4.5 Area trend	Unknown (X)
2.4.6 Area trend magnitude in %	Not applicable
2.4.7 Area trend period	1994-2006
2.4.8 Reasons for reported trend	Not applicable
2.4.9 Justification of % thresholds for trends (optional)	Not applicable
2.4.10 Main pressures	210 - Professional fishing; 211 - fixed location fishing; 212 - trawling; 510 - Energy transport; 512 - pipe lines; 700 - Pollution; 851 - modification of marine currents; 860 - Dumping, depositing of dredged deposits;
2.4.11 Threats	210 - Professional fishing; 211 - fixed location fishing; 212 - trawling; 510 - Energy transport; 512 - pipe lines; 700 - Pollution; 851 - modification of marine currents; 860 - Dumping, depositing of dredged deposits; 990 - Other natural processes;
Complementary information	
2.5.1 Favourable reference range (sq km)	Unknown
2.5.2 Favourable reference area (sq km)	Unknown
2.5.3 Typical species	none listed
2.5.4 Typical species assessment	Not applicable
2.5.5 Other relevant information	
2.6 Conclusions (assessment of conservation status at end of reporting period)	
(2.3) Range	(XX) - Unknown
(2.4) Area	(XX) - Unknown
(2.5) Specific structures and functions (incl. typical species)	(XX) - Unknown
Future prospects	(XX) - Unknown
Overall assessment	(XX) - Unknown