

**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:
H1160 - Large shallow inlets and bays**

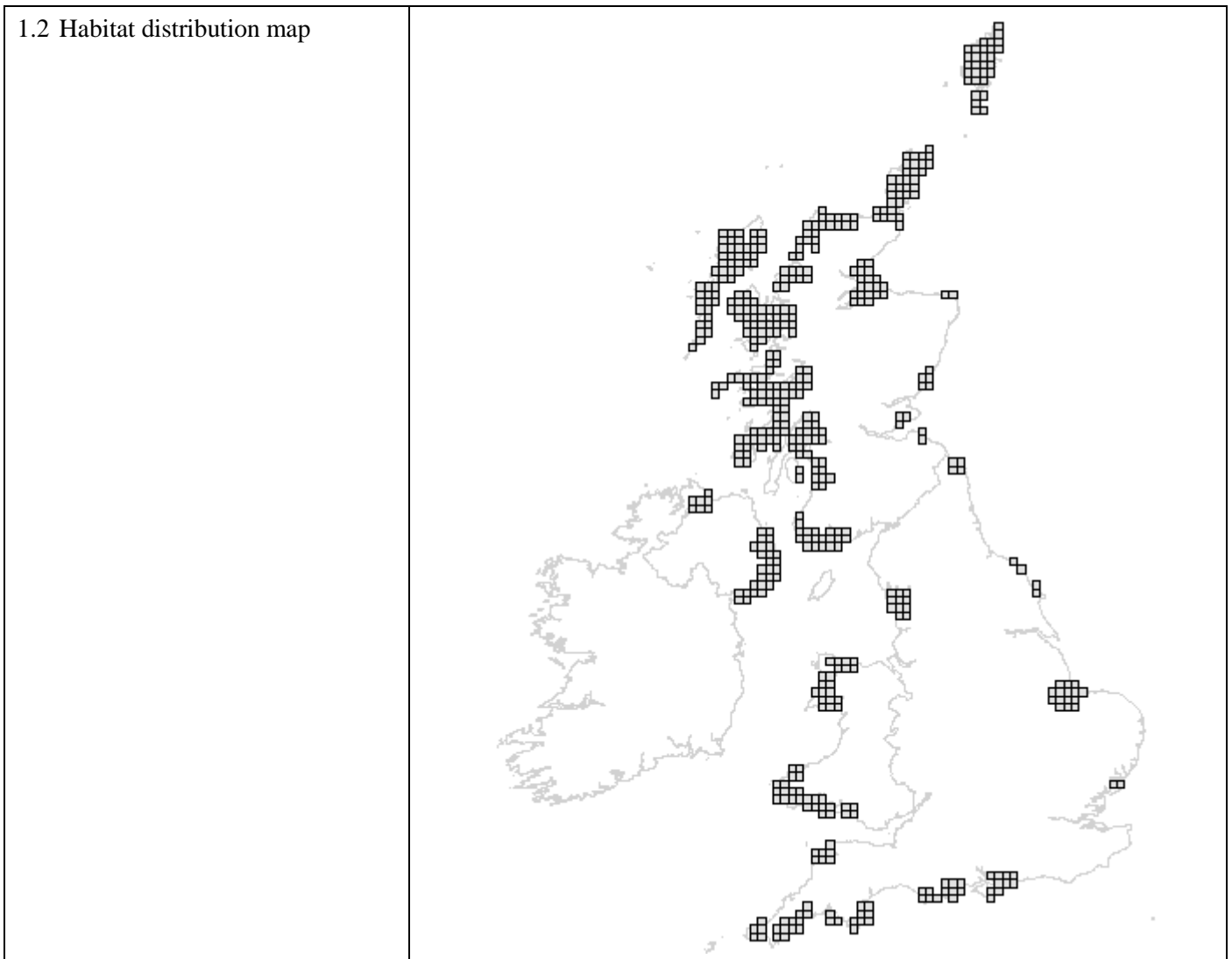
The information in this assessment corresponds to the "habitat fact sheet" submitted by the UK to the European Union in February 2008 (second and final submission). Please note that this is a section of the UK's report. For the complete report visit <http://www.jncc.gov.uk/article17>

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Habitat Name: Large shallow inlets and bays

1. National level

Habitat Code	H1160
Member State	UK
Biogeographic regions concerned within the MS	ATL
1.1 Habitat range map	



2. Biogeographic level

2.1 Biogeographic region or marine region	ATL
2.2 Published sources and/or websites	<p>BOORMAN, L.A.; GOSS-CUSTARD, J.D.; MCGRORTY, S. 1989 Climatic change, rising sea level and the British coast, ITE Research Publication No. 1</p> <p>BOYES, S., BURDON, D. AND ELLIOTT, M. 2006 Unlicensed Activities: A review to consider the threats to marine biodiversity: Building the evidence base for the Marine Bill . CRO354 Living Land and Seas Science Division DEFRA.</p> <p>BROOKER R. & J. YOUNG 2005 Climate change and biodiversity in Europe: a review of impacts, policy responses, gaps in knowledge and barriers to the exchange of information between scientists and policy makers, NERC Centre for Ecology and Hydrology, Banchory research station, Final Report for Defra Research Contract CRO326, Report presented at the European Platform for Biodiversity Research, Strategy meeting held under the UK Presidency, October 2005</p> <p>BUTCHER, R.W. 1933 Report on the present condition of eelgrass on the coasts of England. MAFF Report</p> <p>CARLTON, J.T. 1996 Pattern, process, and prediction in marine invasion ecology. <i>Biological Conservation</i>, 78, 97–106.</p> <p>COHEN, A. N. AND CARLTON, J. T. 1998 Accelerating invasion rate in a highly invaded estuary. <i>Science</i>, 279, 555–557.</p>

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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

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<http://www.environment-agency.gov.uk/business/444217/444663/955573/>

ENVIRONMENT AGENCY 2006b Generation and combination of risk outputs.
http://www.environment-agency.gov.uk/commondata/acrobat/gen_comb_risk_v2_1008518.pdf

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.

GIESEN, W.B.J.T., VAN KATWIJK, M.M AND DEN HARTOG, C. 1990 Temperature, salinity, isolation and wasting disease of eelgrass beds in the Dutch Wadden Sea in the 1930s. Netherlands Journal of Sea Research, 25, 395-404.

HAYS, G.C., RICHARDSON, A.J & ROBINSON, C. 2005 Climate change and marine plankton Trends in Ecology and Evolution 20(6), 337-344.

INTERNATIONAL MARITIME ORGANIZATION 2004 International Convention for the Control and Management of Ships' Ballast Water and Sediments.
http://www.imo.org/Conventions/mainframe.asp?topic_id=867

JACKSON, D.L. & MCLEOD, C.R. (EDS) 2000 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

JACKSON, J.B.C., KIRBY, M.X., BERGER, W.H., BJORNDAL, K.A., BOTSFORD, L.W., BOURQUE B.J., BRADBURY, R.H., COOKE, R., ERLANDSON, J., ESTES, J.A., HUGHES, T.P., KIDWELL, S., LANGE, C.B., LENIHAN, H.S., PANDOLFI, J. M., PETERSON, C.H., STENECK, R.S., TEGNER, M.J. AND WARNER, R.R. 2001 Historical Overfishing and the Recent Collapse of Coastal Ecosystems. Science, 293, 561-748.

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WILLIAMS, J.M 2006 Common Standards Monitoring for Designated Sites: First Six Year Report. Peterborough, JNCC.

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<http://www.ukbap.org.uk/GenPageText.aspx?id=105>

2.3 Range of the habitat within the Biogeographic or marine region

2.3.1 Surface area of range in square km	7646
2.3.2 Date of range determination	05/2007
2.3.3 Quality of data concerning range	Good
2.3.4 Range trend	Stable (=)
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)	7645.6
2.4.2 Date of area estimation	05/2007
2.4.3 Method used for area estimation	3 - Ground based survey
2.4.4 Quality of data on area	Good
2.4.5 Area trend	Stable (=)
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	200 - Fish and Shellfish Aquaculture; 210 - Professional fishing; 211 - fixed location fishing; 212 - trawling; 220 - Leisure fishing; 221 - bait digging; 240 - Taking / Removal of fauna, general; 250 - Taking / Removal of flora, general; 300 - Sand and gravel extraction; 302 - removal of beach materials; 320 - Exploration and extraction of oil or gas; 400 - Urbanised areas, human habitation; 410 - Industrial or commercial areas; 420 - Discharges; 504 - port areas; 510 - Energy transport; 512 - pipe lines; 520 - Shipping; 600 - Sport and leisure structures; 621 - nautical sports; 700 - Pollution; 701 - water pollution; 800 - Landfill, land reclamation and drying out, general; 801 - polderisation; 802 - reclamation of land from sea, estuary or marsh; 860 - Dumping, depositing of dredged deposits; 871 - sea defense or coast protection works; 900 - Erosion; 954 - invasion by a species; 960 - Interspecific faunal relations; 969 - other forms or mixed forms of interspecific faunal competition; 973 - introduction of disease;
2.4.11 Threats	200 - Fish and Shellfish Aquaculture; 210 - Professional fishing; 211 - fixed location fishing; 212 - trawling; 220 - Leisure fishing; 221 - bait digging; 240 - Taking / Removal of fauna, general; 250 - Taking / Removal of flora, general; 300 - Sand and gravel extraction; 302 - removal of beach materials; 320 - Exploration and extraction of oil or gas; 400 - Urbanised areas, human habitation; 410 - Industrial or commercial areas; 420 - Discharges; 504 - port areas; 510 - Energy transport; 512 - pipe lines; 520 - Shipping; 600 - Sport and leisure structures; 621 - nautical sports; 700 - Pollution; 701 - water pollution; 800 - Landfill, land reclamation and drying out, general; 801 - polderisation; 802 - reclamation of land from sea, estuary or marsh; 860 - Dumping, depositing of dredged deposits; 871 - sea defense or coast protection works; 900 - Erosion; 954 - invasion by a species; 960 - Interspecific faunal relations; 969 - other forms or mixed forms of interspecific faunal competition; 973 - introduction of disease;
Complementary information	
2.5.1 Favourable reference range (sq km)	7646
2.5.2 Favourable reference area (sq km)	7645.6
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	(FV) - Favourable
(2.4) Area	(FV) - Favourable
(2.5) Specific structures and functions (incl. typical species)	(U2-) - Bad and deteriorating
Future prospects	(U2-) - Bad and deteriorating
Overall assessment	(U2-) - Bad and deteriorating