
NATURA 2000

STANDARD DATA FORM

FOR SPECIAL PROTECTION AREAS (SPA)

FOR SITES ELIGIBLE FOR IDENTIFICATION AS SITES OF
COMMUNITY IMPORTANCE (SCI)

AND

FOR SPECIAL AREAS OF CONSERVATION (SAC)

1. SITE IDENTIFICATION

<i>1.1. TYPE</i>	<i>1.2. SITE CODE</i>	<i>1.3. COMPILATION DATE</i>	<i>1.4. UPDATE</i>
B	NL2008001	200812	

1.5. RELATION WITH OTHER NATURA 2000 SITES:

1.6. RESPONDENT(S):

Directie Kennis LNV
Postbus 482
NL-6710 BL Ede
The Netherlands

1.7. SITE NAME:

Doggersbank

1.8. SITE INDICATION AND DESIGNATION/CLASSIFICATION DATES:

DATE SITE PROPOSED AS ELIGIBLE AS SCI:

DATE CONFIRMED AS SCI:

200812

DATE SITE CLASSIFIED AS SPA:

DATE SITE DESIGNATED AS SAC:

2. SITE LOCATION

2.1. SITE CENTRE LOCATION

LONGITUDE

E 3 29 2

W/E (Greenwich)

LATITUDE

55 8 17

2.2. AREA (HA):

471750,00

2.3. SITE LENGTH (KM):

2.4. ALTITUDE (M):

MINIMUM

-45

MAXIMUM

-20

MEAN

-33

Marine area not covered by a NUTS-region

100

2.6. BIOGEOGRAPHIC REGION:

Alpine

☐

Atlantic

☒

Boreal

☐

Continental

☐

Macaronesian

☐

Mediterranean

☐

3. ECOLOGICAL INFORMATION

3.1. *HABITAT* types present on the site and assessment for them:

ANNEX I HABITAT TYPES:

CODE	%COVER	REPRESENTATIVITY	RELATIVE SURFACE	CONSERVATION STATUS	GLOBAL ASSESSMENT
1110	93	B	A	C	A

3.2. SPECIES

covered by Article 4 of Directive 79/409/EEC

and

listed in Annex II of Directive 92/43/EEC

and

site assessment for them

3.2.a. BIRDS listed on Annex I of Council directive 79/409/EEC**3.2.b. Regularly occurring Migratory Birds not listed on Annex I of Council Directive 79/409/EEC****3.2.c. MAMMALS listed on Annex II of Council directive 92/43/EEC**

CODE	NAME	POPULATION			SITE ASSESSMENT			
		Resident	Migratory		Population	Conservation	Isolation	Global
			Breed	Winter				
1351	Phocoena phocoena	C			B	B	C	B
1364	Halichoerus grypus	C			C	B	C	C
1365	Phoca vitulina	R			C	B	C	C

3.2.d. AMPHIBIANS and REPTILES listed on Annex II of Council directive 92/43/EEC**3.2.e. FISHES listed on Annex II of Council directive 92/43/EEC****3.2.f. INVERTEBRATES listed on Annex II of Council directive 92/43/EEC****3.2.g. PLANTS listed on Annex II of Council directive 92/43/EEC**

3.3. Other Important Species of Flora and Fauna

(B = Birds, M = Mammals, A = Amphibians, R = Reptiles, F = Fish, I = Invertebrates, P = Plants)

4. SITE DESCRIPTION

4.1. GENERAL SITE CHARACTER:

Habitat classes	% cover
Marine areas, Sea inlets	100
Total habitat cover	100 %

Other site characteristics

The Doggersbank is a 100% marine area. The Doggersbank as a whole, i.e. including the UK and the German parts, is a sandbank as defined by the HD. The surface (in the UK part) lies 15 m below low water spring and is therefore shallower than 20 m; the bank slopes away on all sides. Sand is found across the whole bank. The part of the bank on the Dutch Continental Shelf has a higher macrobenthos diversity on the western side, on the slopes of which important ecological values occur, predominantly between the 30 and 40 m depth contours. Fronts are encountered regularly in summer along the southern boundary of the bank; these can result in increased concentrations of fish and birds (Lindeboom et al. 2005). Because of its shallow depth, its orientation and enormous size, the bank has a major effect on the processes in the North Sea.

The Doggersbank came into being in the Pleistocene. Rocks found there seem to have originated in Scandinavia and to have been carried along by ice masses from the Saalian which extended into the North Sea from Scandinavia. The sediments in the south-western part of the Doggersbank seem to be primarily of English origin (Rob Witbaard, pers. comm.)

4.2. QUALITY AND IMPORTANCE:

Important values in the area are all characteristic of a sandbank (1110 D); biodiversity and biomass of the macrobenthos; the thornback ray (*Raja clavata*). Other typical fish species that mainly occur by the Doggersbank and to a lesser extent in other parts of the North Sea that require protection are: anchovy (*Engraulis encrasicolus*), lesser weever (*Echiichthys vipera*), scadfish (*Arnoglossus laterna*).

Characteristic benthos species include *Bathyporeia elegans*, *Bathyporeia guillemsoniana*, *Iphinoe trispinosa*, *Perioculodes longimanus*, *Dosinia lupinus*, *Euspira nitida*, *Thyasira flexuosa*, *Tellina fibula*, Icelandic cyprine (*Arctica islandica*), *Acrocnida brachiata*, *Echinocyamus pusillus*, *Goniada maculate*, *Owenia fusiformis* and *Sigalion mathildae*.

4.3. VULNERABILITY

4.4. SITE DESIGNATION:

The same designation as under OSPAR under consideration.

Site adjacent to site DE1003301 Doggerbank and to site in consideration in UK Dogger Bank.

4.5. OWNERSHIP

no ownership: Mare Liberum; part of the EEZ

4.6. DOCUMENTATION

- Anonymus (2005) Integraal Beheerplan Noordzee 2015. Interdepartementale Directeurenoverleg Noordzee (IDON)
- Arts FA, Berrevoets CM (2005) Monitoring van zeevogels en zeezoogdieren op het Nederlands Continentaal Plat 1991 - 2005: Verspreiding, seizoenspatroon en trend van zeven soorten zeevogels en de Bruinvis. Rapport RIKZ/2005.032, Rijksinstituut voor Kust en Zee/RIKZ, Middelburg
- Brasseur SMJM, Tulp I, Reijnders PJH, Smit CJ, Dijkman EM, Cremer JSM,

Kotterman MJJ, Meesters HWG (2004) Voedseleecologie van de Gewone en Grijze zeehond in de Nederlandse kustwateren. Rapport 905, Alterra, Wageningen

- Daan N, Heessen HJL, Hofstede Rt (2005) North Sea Elasmobranchs: distribution, abundance and biodiversity. ICES, Copenhagen
- Degraer S, Wittoeck J, Appeltans W, Cooreman K, Deprez T, Hillewaert H, Hostens K, Mees J, Vanden Berghe W, Vincx M (2006) De macrobenthosatlas van het Belgisch deel van de Noordzee. Federaal Wetenschapsbeleid D/2005/1191/5
- Hammond PS, Berggren P, Benke H, Borchers DL, Collet A, Heide Jorgensen MP, Heimlich S, Hiby AR, Leopold MF, Oien N (2002) Abundance of harbour porpoise and other cetaceans in the North Sea and adjacent waters. *Journal-of-Applied-Ecology* [print] April, 2002; 39 (2): 361-376 URLJ: <http://www.blackwell-science.com/~cgilib/jnlpageasp?Journal=jappl&File=jappl>
- Lindeboom HJ, Dijkman EM, Bos OG, Meesters EH, Cremer JSM, De Raad I, Bosma A (2008) Ecologische Atlas Noordzee ten behoeve van gebiedsbescherming. Wageningen IMARES vestiging Texel
- Lindeboom HJ, Geurts van Kessel AJM, Berkenbosch A (2005) Gebieden met bijzondere ecologische waarden op het Nederlands Continentaal Plat. Rapport RIKZ/2005008, Den Haag / Alterra rapport 1109, Wageningen:103 p.
- Patberg W, De Leeuw JJ, Winter HV (2005) Verspreiding van rivierprik, zee-prik, fint en elft in Nederland na 1970. Rapport C004/05, RIVO, IJmuiden, The Netherlands
- Ter Hofstede R, Heessen HJL, Daan N (2005) Systeembeschrijving Noordzee: Natuurwaardenkaarten vis. Rapport C090/05, RIVO, IJmuiden
- Ter Hofstede R, Quirijns FJ, Daan N, Dekker W, Verver SW, Heessen HJL, Asjes J, Star B (2004) Beschermde Gebieden Noordzee: Begrenzing en ecologische waardering t.a.v. visgemeenschappen; visserij-activiteiten. Rapport C057/04, RIVO Biologie en Ecologie

5. SITE PROTECTION STATUS AND RELATION WITH CORINE BIOTOPES

5.1. DESIGNATION TYPES at National and Regional level:

5.2. RELATION OF THE DESCRIBED SITE WITH OTHER SITES:

designated at National or Regional level:

designated at International level:

5.3. RELATION OF THE DESCRIBED SITE WITH CORINE BIOTOPE SITES:

6. IMPACTS AND ACTIVITIES IN AND AROUND THE SITE

6.1. GENERAL IMPACTS AND ACTIVITIES AND PROPORTION OF THE SURFACE OF THE SITE AFFECTED

IMPACTS AND ACTIVITIES WITHIN the site

IMPACTS AND ACTIVITIES AROUND the site

6.2. SITE MANAGEMENT AND PLANS

BODY RESPONSIBLE FOR THE SITE MANAGEMENT

Rijkswaterstaat Dienst Noordzee
Postbus 5807
2280 HV Rijswijk

SITE MANAGEMENT AND PLANS

Integraal Beheerplan Noordzee 2015 (2005)

7. MAPS OF THE SITE

Physical map

Aerial photograph(s) included:

8. SLIDES