

Information Sheet on Ramsar Wetlands

Categories approved by Recommendation 4.7 of the Conference of the Contracting Parties.

NOTE: It is important that you read the accompanying *Explanatory Note and Guidelines* document before completing this form.

1. Date this sheet was completed/updated:

January 2002

FOR OFFICE USE ONLY.

DD	MM	YY

Designation date

--	--	--	--	--	--

Site Reference Number

2. Country:

Denmark

3. Name of wetland: Hirsholmene

International No. 147; National No. 8

4. Geographical coordinates: 57°29' N, 10°38' E

5. Altitude: (average and/or max. & min.) 0-9 m 6. Area: (in hectares) 374 hectares

7. Overview: (general summary, in two or three sentences, of the wetland's principal characteristics)

The site is a sea territory with a group of small islands.

8. Wetland Type (please circle the applicable codes for wetland types as listed in Annex I of the *Explanatory Note and Guidelines* document.)

marine-coastal: **A** · **B** · C · D · **E** · F · **G** · **H** · I · J · K

inland: L · M · N · O · P · Q · R · Sp · Ss · Tp · Ts
· U · Va · Vt · W · Xf · Xp · Y · Zg · Zk

man-made: 1 · 2 · 3 · 4 · 5 · 6 · 7 · 8 · 9

Please now rank these wetland types by listing them from the most to the least dominant:

A, B, H, E, G.

9. Ramsar Criteria: (please circle the applicable criteria; see point 12, next page.)

1 · **2** · 3 · 4 · 5 · 6 · 7 · 8

Please specify the most significant criterion applicable to the site: 1

10. Map of site included? Please tick *yes* -or- *no* (Please refer to the *Explanatory Note and Guidelines* document for information regarding desirable map traits).

11. Name and address of the compiler of this form:

Sten Asbirk, Danish Forest and Nature Agency, Haraldsgade 53, 2100 Copenhagen, Denmark.

Tel: +45 39 47 20 00, fax: +45 39 27 98 99, e-mail: sta@sns.dk

Inge Thaulow, Kaare Duhn, and Palle Uhd Jepsen, Danish Forest and Nature Agency.

Please provide additional information on each of the following categories by attaching

05-01-04

G:\Ramdata\3Europe\Denmark\7DK008\DK008ris.doc

extra pages (please limit extra pages to no more than 10):

12. Justification of the criteria selected under point 9, on previous page. (Please refer to Annex II in the *Explanatory Note and Guidelines* document).

Criterion 1: The habitat of stony islets with northern Atlantic seabird colonies is very rare in Denmark, and the “bubblings reefs” in the area are unique in Denmark.

Criterion 2: The Rock Pipit *Anthus spinoletta* is on the Danish red list for birds. The butterfly Marsh fritillary *Euphydryas aurinia* – breeding near Strandby – is also on the Danish red list.

13. General location: (include the nearest large town and its administrative region)

Sea territory and islands immediate Northeast of the town of Frederikshavn, Nordjylland County.

14. Physical features: (e.g. geology, geomorphology; origins - natural or artificial; hydrology; soil type; water quality; water depth water permanence; fluctuations in water level; tidal variations; catchment area; downstream area; climate)

The site holds out the “bubbling reefs” which are submarine landscapes of carbonate-cemented rocks.

15. Hydrological values: (groundwater recharge, flood control, sediment trapping, shoreline stabilisation etc)

No specific information.

16. Ecological features: (main habitats and vegetation types)

A shallow coastal water with stony shoals, banks and several small stony islands.

17. Noteworthy flora: (indicating, e.g., which species/communities are unique, rare, endangered or biogeographically important, etc)

The “bubbling reefs” support a diverse ecosystem ranging from bacteria to macroalgae and anthozoans.

18. Noteworthy fauna: (indicating, e.g., which species are unique, rare, endangered, abundant or biogeographically important; include count data, etc.)

The site is a resting and feeding area, especially for diving ducks.

The islands are breeding area for:

Black-headed Gull (*Larus ridibundus*) – a decreasing species on the national “yellow” list

Common Gull (*Larus canus*) - a decreasing species on the national “yellow” list

Sandwich Tern (*Sterna sandvicensis*) – a former red listed species, but not any longer from 1997

Black Guillemot (*Cephus grylle*) – a former red listed species, but not any longer from 1997

Rock Pipit (*Anthus spinoletta*) – a red listed species

19. Social and cultural values: (e.g. fisheries production, forestry, religious importance, archaeological site etc.)

No specific information.

20. Land tenure/ownership of: (a) site (b) surrounding area

(a) Territorial waters. Islands: The State represented by the Ministry of Defence.

21. Current land use: (a) site (b) surroundings/catchment

(a) None. Only the main island, Hirsholm, is inhabited.

22. Factors (past, present or potential) adversely affecting the site's ecological character, including changes in land use and development projects: (a) at the site (b) around the site

(a) Rats caused the breeding colony of Kittiwakes (*Rissa tridactyla*) to disappear in 1968. Since then the rats have been exterminated. Rabbits have been introduced. Potential threats are disturbance of breeding grounds by visitors and collecting from submerged limestone formation.

(b) high-speed ferries along the borders of the site

23. Conservation measures taken: (national category and legal status of protected areas - including any boundary changes which have been made: management practices; whether an officially approved management plan exists and whether it has been implemented)

Scientific sanctuary since 1929.

In 1995 the existing conservation regulations were revised by a new Ministerial Order pursuant to the Conservation of Nature Act. The area protected against hunting remains unchanged (500 hectares) and the total Conservation Area has been extended to cover approximately 2,000 hectares.

The whole area is identical with the EU Bird Protection Area No. 11 and included in EU Habitat Protection area No. 4.

Areas inside the Ramsar site are Wildlife reserves.

24. Conservation measures proposed but not yet implemented: (e.g. management plan in preparation; officially proposed as a protected area etc.)

No specific information.

25. Current scientific research and facilities: (e.g. details of current projects; existence of field station etc.)

Important research area for marine biology and a reference area for more than 50 years.

26. Current conservation education: (e.g. visitors centre, hides, information booklet, facilities for school visits etc.)

A visitors center has recently been established.

27. Current recreation and tourism: (state if wetland is used for recreation/tourism; indicate type and frequency/intensity)

Many tourists visit the island of Hirsholm in summer by boat or small "ferry".

28. Jurisdiction: (territorial e.g. state/region and functional e.g. Dept of Agriculture/Dept. of Environment etc.)

Nature Conservation and administration of the Ramsar Convention and EU Bird and Habitat Directives: Ministry of Environment.

The legislation on Agriculture and Fisheries: Ministry of Food, Agriculture and Fisheries.

The Nature Conservation Scheme: Ministry of Defence.

29. Management authority: (name and address of local body directly responsible for managing the wetland)

Ministry of Defence

Fæstnings- og Natursekretariatet

Holmens Kanal 42

1060 København K

Tel. 33 91 18 85

Fax 33 15 18 81

E-mail: fmn@fmn.dk

30. Bibliographical references: (scientific/technical only)

- Miljø- og Energiministeriet, Skov- og Naturstyrelsen 1996: EF-fuglebeskyttelsesområder og Ramsarområder. Kort og områdebeskrivelser, status 1995. [With an English summary]. 273 pp.
 - Miljø- og Energiministeriet, Skov- og Naturstyrelsen 1999: Birds of Danish SPAs – trends in occurrence. 119 pp.
 - Ministry of Environment and Energy, The National Forest and Nature Agency 1996: Danish Report 1996 on the Ramsar Convention, Denmark and Greenland. 105 pp. + 4 appendices.
-

Please return to: **Ramsar Convention Bureau, Rue Mauverney 28, CH-1196 GLAND, Switzerland**
Telephone: +41 22 999 0170 • Fax: +41 22 999 0169 • e-mail: ramsar@hq.iucn.org