

# 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.

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Designation date

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Site Reference Number

## 2. Country:

Denmark

## 3. Name of wetland:

Karrebæk, Dybsø and Avnø Fjords.

International No. 159; National No. 20

## 4. Geographical coordinates: 55°10'N, 11°45'E

5. Altitude: (average and/or max. & min.) 0-13 m

6. Area: (in hectares) 18,860 hectares

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

Coastal waters with shallow shoals and banks. Two large lagoons. Several islands are cultivated lands with scattered habitation. The long and narrow peninsula of Knudshoved Odde has some cultivated areas and scattered habitation. Commons, salt marshes, reed swamps and woodland.

## 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, J, E, O.

## 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: 6

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.

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**Please provide additional information on each of the following categories by attaching extra pages (please limit extra pages to no more than 10):**

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**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 6:** The site regularly supports more than 1% of the individuals in the populations of the following species (count data 1999):

Mute Swan (*Cygnus olor*) 3,752 – 1,8% of the Northwest Mainland & Central Europe population

Whooper Swan (*Cygnus cygnus*) 602 – 1,5% of the NW Mainland Europe population

Tufted Duck (*Aythya fuligula*) 11,490 – 1,1% of the Northwestern Europe population

Red Breasted Merganser (*Mergus serrator*) 1,815 – 1,5% of the NW/Central Europe population

Coot (*Fulica atra*) 20,450 – 1,4% of the Northwestern Europe (win) population

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

Coastal area and waters immediately Southwest of the town of Næstved. Administrative region is Storstrøm County.

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**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)

No specific information.

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

No specific information.

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

No specific information.

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

Rare plants in old commons. Rich marine algae flora.

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

Important locality in Denmark for Tufted Duck. Wintering area for rare raptors.

Avnø Fjord is a breeding area and haul-out for Common Seal.

Rich marine fauna.

The site is resting and feeding area for waterbirds (count data from 1999):

Bean Goose (*Anser fabalis*) 47

Barnacle Goose (*Branta leucopsis*) 260

Goosander (*Mergus merganser*) 370

Golden Plover (*Pluvialis apricaria*) 10,500

Breeding area for aquatic and salt marsh birds including raptors, *Recurvirostra avosetta* and *terns*.

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

No specific information.

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**20. Land tenure/ownership of:** (a) site (b) surrounding area  
Territorial waters, private, the State represented by the Ministry of Environment.

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**21. Current land use:** (a) site (b) surroundings/catchment  
(a) farmland, grazing, forestry (b) mainly farmland

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**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  
All salt marshes are managed – except on Avnø. The overgrowth of the commons on Knudshoved Odde has been dealt with during 2000-2001.  
A potential threat is boating and other leisure activities, especially in Karrebæk Fjord.  
The water quality is still relatively good, but degraded water quality could be a threat.

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**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)  
Nature conservation: Enø, Dybsø, Knudshoved, and Stejlebanken, about 300 hectares. Saltmarshes and reed swamps along Dybsø Fjord (195 hectares) were protected in 1988. Aunø has recently been protected by the nature conservation act.  
In cooperation with private owners the Storstrøm County has re-established former management, especially extensive grazing of the saltmarshes, in order to provide better conditions for breeding and staging waterbirds.  
The whole area is identical with the EU Bird Protection Area No. 81. The site overlaps the EU Habitat Protection Site No. 148.  
A Wildlife reserve has been established at Krageholm Strøm and Hestevåd including areas of no hunting and no public access in the breeding season of waterbirds.

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**24. Conservation measures proposed but not yet implemented:** (e.g. management plan in preparation; officially proposed as a protected area etc.)  
Aunø has recently been protected by the nature conservation act and has been taken over by the Ministry of Environment. A management plan is under preparation to restore the salt marshes.

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**25. Current scientific research and facilities:** (e.g. details of current projects; existence of field station etc.)  
No specific information.

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**26. Current conservation education:** (e.g. visitors centre, hides, information booklet, facilities for school visits etc.)  
An information brochure has been published covering Gavnø, Vejlø and Dybsø Fjord.

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**27. Current recreation and tourism:** (state if wetland is used for recreation/tourism; indicate type and frequency/intensity)  
No specific information.

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**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: Storstrøm County.

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

Storstrøm County  
Parkvej 37  
DK-4800 Nykøbing Falster  
Tel: 54 84 48 00  
Fax: 54 84 44 09  
E-mail: [stoa@stam.dk](mailto:stoa@stam.dk)

Falster State Forest District  
Hannenovvej 22, Tingsted  
4800 Nykøbing Falster  
Tel: 54 43 90 13  
Fax: 54 43 98 13  
E-mail: [d21@sns.dk](mailto:d21@sns.dk)

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**30. Bibliographical references:** (scientific/technical only)

- Clausen, P. et al. 2001: Jagt- og forstyrrelsesfrie kerneområder for vandfugle: Status 1999. Danmarks Miljøundersøgelser. 84 pp. Arbejdsrapport fra DMU nr. 146.
  - 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.
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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](mailto:ramsar@hq.iucn.org)