

Appendix 5

Summary of protection values of Finnish marine protection areas

Natura 2000 sites

Table lists relevant Finnish Marine Natura 2000 sites in the vicinity of NSP2 project area and their conservation objectives. Sites are listed from east to west. Table represents only marine conservation objectives. Terrestrial habitats are not represented, except for those Baltic Sea and coastal habitats, which may have underwater parts also. For Species referred to in Article 4 of Directive 2009/147/EC and listed in Annex II of Directive 92/43/EEC only those species are represented which frequently are known to use offshore areas and outermost parts of archipelagos.

Bird species listed on Annex 1 are noted with ¹. * = priority habitat.

For seals table includes species which are confirmed as conservation objective for the target site and also species which are proposed, non-confirmed conservation objectives. ** = non-confirmed, proposed conservation objective species (seals). For other species and Natura 2000 habitats table includes only confirmed conservation objectives of the target sites.

Natura 2000 site	Category	Designated marine species	Designated marine habitats	Habitat code
Eastern Gulf of Finland Archipelago and Waters FI0408001	SPA/SAC	Grey seal Ringed seal** Greater scaup Velvet scoter Caspian tern ¹ Common tern ¹ Arctic tern ¹ Razorbill	Sandbanks Coastal lagoons* Reefs Baltic esker islands Boreal baltic islets and islands	1110 1149 1170 1610 1620
Luodematalat FI0400002	SAC		Reefs	1170
Länsiletto Area FI0400001	SAC		Reefs	1170
Pernaja and Pernaja Archipelago FI0100078	SPA/SAC	Grey seal Ringed seal** Northern pintail Greater scaup Velvet scoter Long-tailed duck Smew Caspian tern ¹ Common tern ¹ Arctic tern ¹ Razorbill	Coastal lagoons* Reefs Baltic esker islands Boreal baltic islets and islands Boreal Baltic narrow inlets	1150 1170 1610 1620 1650
The Sea Area South of Sandkallan FI0100106	SAC		Reefs	1170

Natura 2000 site	Category	Designated marine species	Designated marine habitats	Habitat code
Söderskär and Långören Archipelago FI0100077	SPA/SAC	Grey seal Caspian tern ¹ Common tern ¹ Arctic tern ¹	Sandbanks Reefs Baltic esker islands Boreal baltic islets and islands	1110 1170 1610 1620
Kirkkonummi Archipelago FI0100026 FI0100105	SPA SAC	Red-throated diver ¹ Black-throated diver ¹ Horned grebe ¹ Barnacle goose ¹ Common shelduck Greater scaup Common scoter Arctic tern ¹ Razorbill	Sandbanks Coastal lagoons* Reefs Boreal baltic islets and islands	1110 1150 1170 1620
Kallbådans Islets and Waters FI0100089	SAC	Grey seal	Boreal baltic islets and islands	1620
Inkoo Archipelago FI0100017	SPA/SAC	Velvet scoter Caspian tern ¹ Common tern ¹ Arctic tern ¹	Sandbanks Reefs Baltic esker islands Boreal baltic islets and islands	1110 1170 1610 1620
Tammisaari and Hanko Archipelago and Pohjanpitäjänlahti Marine Protected Area FI0100005	SPA/SAC	Grey seal Black-throated diver ¹ Velvet scoter Red-necked phalarope ¹ Caspian tern ¹ Common tern ¹ Arctic tern ¹	Sandbanks Coastal lagoons* Large shallow inlets and bays Reefs Boreal baltic islets and islands Boreal Baltic narrow inlets	1110 1150 1160 1170 1620 1650

Natura 2000 site	Category	Designated marine species	Designated marine habitats	Habitat code
The Hanko Eastern Offshore Area FI0100107	SAC		Reefs	1170
Tulliniemi bird protection area FI0100006	SPA/SAC	Barnacle goose ¹ Common shelduck Greater scaup Velvet scoter Little gull ¹ Common tern ¹ Arctic tern ¹ Razorbill	Sandbanks Reefs Boreal baltic islets and islands	1110 1170 1620
Örö FI0200913	SAC		Sandbanks Coastal lagoons* Baltic esker islands Boreal baltic islets and islands	1110 1150 1610 1620
Saaristomeri FI0200090 FI0200164	SAC SPA	Grey seal Ringed seal Grey seal Red-throated diver ¹ Black-throated diver ¹ Horned grebe ¹ Red-necked grebe Barnacle goose ¹ Common shelduck Greater scaup Common scoter Velvet scoter Red-necked phalarope ¹ Little gull ¹ Little tern ¹ Caspian tern ¹ Common tern ¹ Arctic tern ¹ Razorbill	Sandbanks Coastal lagoons* Reefs Baltic esker islands Boreal baltic islets and islands Baltic esker islands Boreal Baltic narrow inlets	1110 1150 1170 1610 1620 1610 1650

Important Bird and Biodiversity areas (IBA)

Table lists relevant Finnish International Bird and Biodiversity Areas (IBAs) in the vicinity of NSP2 project area and their conservation objectives. Areas are listed from west to east. Table represents the trigger species, i.e. species which exceed thresholds of IBA selection criteria.

IBA site	Trigger species	Season	IBA criteria	Distance to planned pipeline route
Eastern Gulf of Finland National Park FI072	Common gull Lesser black-backed gull Caspian tern Arctic tern Razorbill Black guillemot	B B B B B B	B2 B1i, B3, C3 B2, C6 C2 B1ii, B3, C3 B1ii, B2	23.5 (Line A)
Pernaja outer Archipelago FI075	Caspian tern Razorbill Black guillemot	B B B	B1i, B2, C2, C6 B1ii, B3, C3 B1ii, B2	12.6 (Line A)
Porvoo outer Archipelago FI077	Caspian tern Black guillemot	B B	A4i, B1i, B2, C2, C6 B1ii, B2	20.2 (Line A)
Shallowbanks of Espoo-Helsinki archipelago FI098	Long-tailed duck Long-tailed duck	P W	A4i, B1i A4i, B1i	13.5 (Line A)
Kirkkonummi Archipelago FI082	Barnacle goose Great Black-backed gull	B B	C2 B3	8.2 (ALT E1)
Tammisaari and Inkoo Western Archipelago FI080	White-tailed sea-eagle Common gull Great black-backed gull Caspian tern Black guillemot	W B B B B	A1, C1 B2 B3 A4i, B1i, B2, C2, C6 B2	14.5 (Line A)
Hanko western Archipelago FI081	Common eider A4iii Species group - Waterbirds	P P	A4i, B1i, C3 A4iii, C4	21.2 (Line A)
Örö-Bengtskär FI099	Common eider	P	A4i, B1i	25.0 (Line A)
Korppoo and Nauvo Southern Archipelago FI089	Common eider Great black-backed gull Razorbill Black guillemot A4iii Species group - Waterbirds	B B B B B	A4i, B1i, C3 B3 B1ii, C3 B1ii, B2 A4iii, C4	39.1 (Line A)

Season: **B**=breeding; **W**=wintering, **P**=passage (migrating birds)

IBA criteria:

A: Global

A1. Species of global conservation concern

The site regularly holds significant numbers of a globally threatened species or other species of global conservation concern.

A4i. Congregations: site known or thought to hold on a regular basis >1% of a biogeographic population of congregatory waterbird species.

A4ii. Congregations: site known or thought to hold on a regular basis >1% of a global population of congregatory seabird or terrestrial species.

A4iii. Congregations: The site is known or thought to hold, on a regular basis, ≥ 20,000 waterbirds or ≥ 10,000 pairs of seabird of one or more species

B: European**B1. European congregations**

i. The site is known or thought to hold $\geq 1\%$ of a flyway or other distinct population of a waterbird species.

ii. The site is known or thought to hold $\geq 1\%$ of a distinct population of a seabird species.

B2. Species with unfavourable conservation status in Europe

The site is one of the 'n' most important in the country for a species with an unfavourable conservation status in Europe (SPEC 2, 3) and for which the site-protection approach is thought to be appropriate.

B3. Species with a favourable conservation status in Europe

The site is one of the 'n' most important in the country for a species with a favourable conservation status in Europe but concentrated in Europe (SPEC 4) and for which the site-protection approach is thought to be appropriate.

C: European union**C1. Species of global conservation concern**

The site regularly holds significant numbers of a globally threatened species, or other species of global conservation concern.

C2. Concentrations of a species threatened at the EU level

The site is known to regularly hold at least 1% of a flyway population or of the EU population of a species threatened at the EU level (listed in Annex I and referred to in Article 4.1 of the EC Birds Directive).

C3. Congregations of migratory species not threatened at the EU level

The site is known to regularly hold at least 1% of a flyway population of a migratory species not considered threatened at the EU level (as referred to in Article 4.2 of the EC Birds Directive) (not listed in Annex I of the EU Birds Directive).

C4. Congregatory – large congregations

The site is known to regularly hold at least 20,000 migratory waterbirds and/or 10,000 pairs of migratory seabirds of one or more species.

C6. Species threatened at the EU level.

The site is one of the five most important in the European region (NUTS region) in question for a species or subspecies considered threatened in the EU (i.e. listed in Annex I of the EC Birds Directive).

List of mentioned species in the tables

Species	Latin name
Grey seal	<i>Halichoerus grypus</i>
Ringed seal	<i>Phoca hispida</i>
Red-throated diver	<i>Gavia stellata</i>
Black-throated diver	<i>Gavia arctica</i>
Horned grebe	<i>Podiceps auritus</i>
Barnacle goose	<i>Branta leucopsis</i>
Common shelduck	<i>Tadorna tadorna</i>
Greater scaup	<i>Aythya marila</i>
Common scoter	<i>Melanitta nigra</i>
Velvet scoter	<i>Melanitta fusca</i>
Long-tailed duck	<i>Clangula hyemalis</i>
Common eider	<i>Somateria mollissima</i>
Long-tailed duck	<i>Clangula hyemalis</i>
White-tailed eagle	<i>Haliaeetus albicilla</i>
Red-necked phalarope	<i>Phalaropus lobatus</i>
Little gull	<i>Hydrocoloeus minutus</i>
Lesser black-backed gull	<i>Larus fuscus fuscus</i>
Great black-backed gull	<i>Larus maritima</i>
Little tern	<i>Sterna albifrons</i>
Caspian tern	<i>Hydroprogne caspia</i>
Common tern	<i>Sterna hirundo</i>
Arctic tern	<i>Sterna paradisaea</i>
Razorbill	<i>Alca torda</i>
Common guillemot	<i>Cephus grylle</i>