



Marine Management Organisation
East of England Marine Plans
Habitats Regulations Assessment
Pre-Screening European Sites Information

ABP Marine Environmental Research Ltd
Quayside Suite
Medina Chambers
Town Quay
Southampton
Hampshire SO12 2AQ
United Kingdom
Tel: +44(0)2380 711 840
Fax: +44(0)2380 711 841
www.abpmer.co.uk






Marine Management Organisation

East of England Marine Plans

Habitats Regulations Assessment

Pre-Screening European Sites Information

Author	Colin Scott, ABPmer Robin Jones, Hyder Consulting	
Checker	Natalie Frost, ABPmer David Hourd, Hyder Consulting John Hartley, Hartley Anderson	
Approver	Stephen Hull, ABPmer Nicky Hartley, Hyder Consulting	
Report No	Hyder Ref 003-UA003460-UE21R-05 (Draft Report) <i>ABPmer Ref R.2020a (Project Ref 4000) (Final Draft Report)</i>	
Date	24 February 2012 (Draft) 28 March 20113 (Final Draft) to be accompanied by Screening Report and Appropriate Assessment Information Review - <i>ABPmer Refs R.2020b and R.2020c</i>	

This report has been prepared for Marine Management Organisation in accordance with the terms and conditions of appointment for Habitats Regulations Assessment dated 24 March 2011. **Company name and reference** cannot accept any responsibility for any use of or reliance on the contents of this report by any third party.

Table of Contents

1	Introduction	1
2	The Pre-Screening Approach	3
3	Next Stages	4
4	References.....	26
5	Figures	27

Tables List

Table 1: The UK designated sites to be considered in relation to HRA Screening	5
Table 2: The non-UK designated sites to be considered in relation to HRA screening.....	23

Diagram/Images List

Diagram 1: Stages of the HRA process for plans (from David Tyldesley Associates 2012)	2
---	---

Figures List

Figure 1:	East Offshore Marine Plan Area Showing 100km Buffer Zone for Pre-Screening
Figure 2:	East Inshore Marine Plan Area Showing 100km Buffer Zone for Pre-Screening
Figure 3a:	Location of all Designated UK SPA Sites Within and Surrounding the East Offshore Marine Plan Area
Figure 3b:	Location of all Designated UK SAC Sites Within and Surrounding the East Offshore Marine Plan Area
Figure 3c:	Location of all Designated UK Ramsar Sites Within and Surrounding the East Offshore Marine Plan Area
Figure 4a:	Location of all Designated UK SPA Sites Within and Surrounding the East Inshore Marine Plan Area
Figure 4b:	Location of all Designated UK SAC Sites Within and Surrounding the East Inshore Marine Plan Area
Figure 4c:	Location of all Designated UK Ramsar Sites Within and Surrounding the East Inshore Marine Plan Area
Figure 5:	East Offshore Marine Plan Area Showing 100km Buffer Zone and Transnational Sites for Pre-Screening

1 Introduction

This annex has been prepared on behalf of the Marine Management Organisation (MMO) by ABP Marine Environmental Research Ltd (ABPmer), Hartley Anderson and Hyder Consulting (UK) Limited. It presents a pre-screening review as the first stage of an integrated Habitats Regulations Appraisal (HRA) process for the East Inshore and East Offshore Marine Plans. The locations of these plan areas are shown in Figures 1 and 2 respectively and a single HRA process is being undertaken to cover both Marine Plans together (hereafter referred to as the East Marine Plans).

Under Article 6 of the Habitats Directive, an HRA is required where a plan or project is likely to have a significant effect upon a Natura 2000 site (also known as a 'European Site'). Natura 2000 is a network of areas designated to conserve natural habitats that are in danger of disappearance in their natural range, have a small natural range, or present outstanding examples of typical characteristics of the biogeographic region and species that are rare, endangered, vulnerable or endemic within the European Community. This includes Special Areas of Conservation (SAC) designated under the Habitats Directive for their habitats and/or species of European importance and Special Protection Areas (SPA) classified under Directive 2009/147/EC on the Conservation of Wild Birds for rare, vulnerable and regularly occurring migratory bird species and internationally important wetlands.

In addition, it is a matter of law that candidate Special Areas of Conservation (cSACs) and Sites of Community Importance (SCI) are considered in this process; furthermore, it is UK Administration policy¹ that sites designated under the 1971 Ramsar Convention for their internationally important wetlands (Ramsar sites) and potential Special Protection Areas (pSPAs) are considered in this process.

Guidance on the methods for undertaking Plan-level HRAs has been prepared for Natural England and Scottish Natural Heritage (SNH) (David Tyldesley Associates, 2009 and 2012). Guidance has also been produced by the European Commission (Assessment of Plans and Projects Significantly Affecting Natura 2000 Sites, EC 2001). Diagram 1 identifies the 13-step iterative process that is recommended for Plan-level HRAs. The project team recognise that it is vital that such an iterative process is followed.

This annex presents the results of the initial pre-screening stage of the HRA. The purpose of this is to very broadly identify the sites that will need to be considered within the subsequent 'screening' stage of the HRA process. This document represents the first of three sequential reports that cover the 13-step process for undertaking Plan-level HRAs. This report was initially issued and then consulted upon in February 2012 (MMO 2012). It has now been updated, where required, for issue alongside all reports which make up the full HRA record. These reports (and the stages of the HRA process that they cover) are as follows:

- **Report 1 Pre-screening Review** (HRA Stages 1 to 3) - (MMO 2013a) this report;
- **Report 2 Screening Review** (HRA Stages 4 to 7) - (MMO 2013b); and
- **Report 3 Appropriate Assessment Information Review** (AAIR) (HRA Stages 8 to 13) - (MMO 2013c).

¹ Planning Policy Statement 9.

In addition there is a final Appropriate Assessment (Stages 12 and 13) as prepared separately by the MMO (2013d).

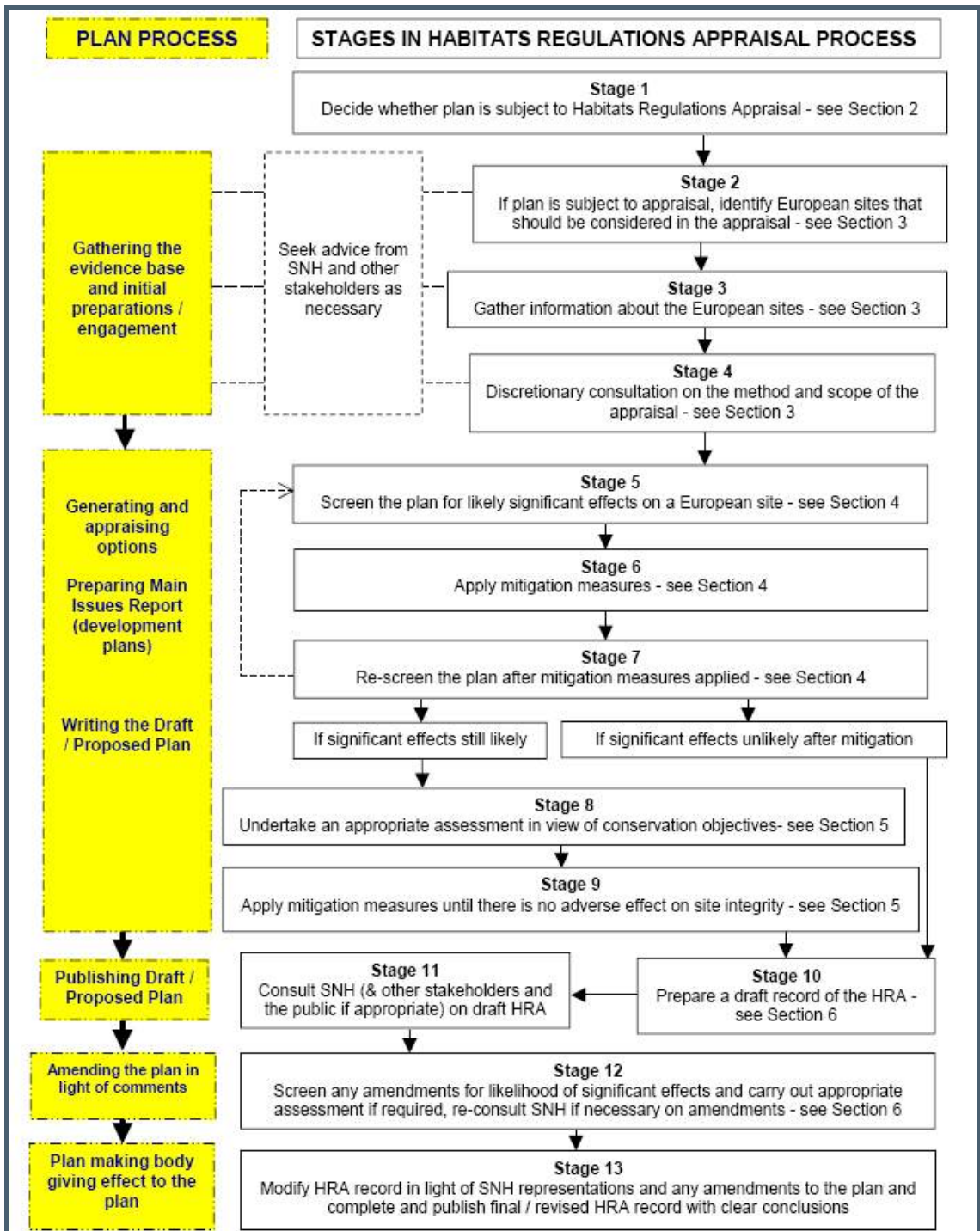


Diagram 1: Stages of the HRA process for plans (from David Tyldesley Associates 2012)

2 The Pre-Screening Approach

To pursue the initial pre-screening work, a 100 kilometre (km) buffer zone was drawn around the East Inshore and East Offshore Marine Plan Areas, and the designated European and Ramsar sites within that buffer were identified. These sites will be taken forward to the screening stage. The position of the 100km buffer zones (relative to the Plan areas) are shown in Figures 1 and 2 for the inshore and offshore plan areas respectively.

A 100km buffer was used because it is deemed to be a quantifiable and objective area that is likely to encompass many of the mobile species interest features (fish, seabirds and mammals) within designated sites that could be indirectly affected by the Marine Plans. However, it has not been used to limit further review of more distant locations or to presume that all relevant features within this area, for which impact pathways exist, are necessarily affected. In particular, it is recognised that impacts (especially to migratory and foraging bird and cetacean species) may extend to sites beyond this 100km buffer and this aspect will need to be considered throughout the whole HRA process. During the screening stage, some of these sites may be 'screened out' but no attempt has been made to refine the list of sites on the basis of the species or habitats for which they are designated at this stage. It will be especially important that the methods for site screening are clearly defined in discussion with the key consultees and this will be the function of the next stage of the work (i.e. Stage 4 of the Plan-level HRA guidance).

In addition to considering UK designated sites, the effects outside the Marine Plan Areas could also extend into the Natura 2000 sites of other EU Member states and therefore the transnational sites within the 100km buffer zone for the Offshore Marine Plan Area have also been identified (from the latest EU online mapping resource²) and included in this list of sites to take forward to screening. The distribution of all the UK and transnational sites and their positions relative to the Marine Plan areas are shown on Figures 3 to 5.

Table 1 lists all of the European and Ramsar sites present within the 100km buffer zones for both the East Inshore and East Offshore Marine Plan areas, and details their qualifying interests. Table 2 lists those sites located within the 100km buffer zone that lie beyond UK waters. In total, 270 sites (177 UK sites and further 93 transnational sites) were identified³. The specific interest features of these transnational sites were not identified at this pre-screening stage; however, these sites will be reviewed and the approach to their screening discussed with the MMO and consultees during the Stage 4 review, and the subsequent screening phase of the HRA process. Particular attention will need to be paid to the manner in which migratory species such as marine mammals and birds are addressed.

During the screening stage of the HRA process it will be necessary to determine whether the Marine Plans will have a 'likely significant effect' (LSE) on these sites and their interest features. Given the need for a high level of certainty to meet Habitats Regulations requirements there will be a presumption during screening and throughout the HRA process that sites listed within Tables 1 and 2, and their interest features, will be 'screened into' the assessment unless a

² <http://www.eea.europa.eu/data-and-maps/figures/distribution-of-natura-2000-sites-across-eu-member-states>

³ The original pre-screening Review (issued for consultation in Feb 2012 (MMO 2012a)) identified 248 sites. A further 22 sites were added (16 SACs, 1 SPA and 5 Ramsar sites) during the subsequent screening process when it was agreed that the Inshore and Offshore Plan Areas would be treated as a single East Coast Plan area for this HRA. This pre-screening report has been reissued with this revision for the finalisation of all HRA documents in 2013 (see Section 1)

definitive judgement of no likely significant effects can be made, in which case they will be excluded from the process.

3 Next Stages

The next stage of the process will involve HRA screening and the agreement with consultees about the methods by which such screening should take place. In advance of commencing this process, discussions will take place with the MMO and statutory consultees regarding the methodology to be adopted for the screening and the rest of the HRA process. The outputs of the screening process are documented in the Screening Report (MMO 2013b).

Table 1: The UK designated sites to be considered in relation to HRA Screening

Please Note - this table was reviewed and updated during subsequent Screening and Appropriate Assessment Information Review (AAIR) phases of the HRA process. See Appendix A of the final AAIR report (MMO 2012c) for the final versions of the screening and assessment tables which audit the full HRA process.

Site Reference	Site Name	Designation	Qualifying Features
UK0030076	Alde, Ore and Butley Estuaries	SAC	Estuaries, mudflats and sandflats not covered by seawater at low tide, Atlantic salt meadows.
UK0030142	Arnecliff and Park Hole Woods	SAC	Old sessile oak woods with <i>Ilex</i> and <i>Blechnum</i> in the British Isles, Killarney fern <i>Trichomanes speciosum</i> .
UK0014778	Asby Complex	SAC	Semi - natural dry grasslands and scrubland facies: on calcareous substrates (<i>Festuco-Brometalia</i>), Molinia meadows on calcareous, peaty or clayey-silt-laden soils (<i>Molinion caeruleae</i>), Petrifying springs with tufa formation (<i>Cratoneurion</i>), Alkaline fens, Limestone pavements, Hard oligo-mesotrophic waters with benthic vegetation of <i>Chara</i> spp, European dry heaths, Calcareous fens with <i>Cladium mariscus</i> and species of the <i>Caricion davallianae</i> , Geyer's whorl snail <i>Vertigo geyeri</i> , Slender green feather-moss <i>Drepanocladus (Hamatocaulis) vernicosus</i> .
UK0030082	Aston Rowant	SAC	<i>Juniperus communis</i> formations on heaths or calcareous grasslands.
UK0030031	Barnack Hills and Holes	SAC	Semi-natural dry grasslands and scrubland facies: on calcareous substrates (<i>Festuco-Brometalia</i>).
UK0030085	Baston Fen	SAC	Spined loach <i>Cobitis taenia</i> .
UK0030086	Beast Cliff – Whitby (Robin Hood's Bay)	SAC	Vegetated sea cliffs of the Atlantic and Baltic coasts.
UK0030087	Bee's Nest and Green Clay Pits	SAC	Semi-natural dry grasslands and scrubland facies: on calcareous substrates (<i>Festuco-Brometalia</i>) and Great crested newt <i>Triturus cristatus</i> .
UK0013104	Benacre to Easton Bavents Lagoons	SAC	Coastal lagoons.
UK0012740	Birklands and Bilhaugh	SAC	Old acidophilous oak woods with <i>Quercus robur</i> on sandy plains.
UK0013697	Blean Complex	SAC	Sub-Atlantic and medio-European oak or oak-hornbeam forests of the <i>Carpinion betuli</i> .
UK0019865	Breckland	SAC	Inland dunes with open <i>Corynephorus</i> and <i>Agrostis</i> grasslands, Natural eutrophic lakes with <i>Magnopotamion</i> or <i>Hydrocharition</i> -type vegetation, European dry heaths, Semi-natural dry grasslands and scrubland facies: on calcareous substrates (<i>Festuco-Brometalia</i>), Alluvial forests with <i>Alnus glutinosa</i> and <i>Fraxinus excelsior</i> (<i>Alno-Padion</i> , <i>Alnion incanae</i> , <i>Salicion albae</i>), Great crested newt <i>Triturus cristatus</i> .
UK0030034	Burnham Beeches	SAC	Atlantic acidophilous beech forests with <i>Ilex</i> and sometimes also <i>Taxus</i> in the shrublayer (<i>Quercion robori-petraeae</i> or <i>Illici-Fagenion</i>).

Site Reference	Site Name	Designation	Qualifying Features
UK0030106	Calf Hill and Cragg Woods	SAC	Old sessile oak woods with <i>Ilex</i> and <i>Blechnum</i> in the British Isles and Alluvial forests with <i>Alnus glutinosa</i> and <i>Fraxinus excelsior</i> (<i>Alno-Padion</i> , <i>Alnion incanae</i> , <i>Salicion albae</i>).
UK0030107	Cannock Chase	SAC	European dry heaths and Northern Atlantic wet heaths with <i>Erica tetralix</i> .
UK0012672	Cannock Extension Canal	SAC	Floating water- plantain <i>Luronium natans</i> .
UK0012768	Castle Eden Dene	SAC	<i>Taxus baccata</i> woods of the British Isles.
UK0012724	Chilterns Beechwoods	SAC	<i>Asperulo-Fagetum</i> beech forests, Semi-natural dry grasslands and scrubland facies: on calcareous substrates (<i>Festuco-Brometalia</i>), Stag beetle <i>Lucanus cervus</i> .
UK0014776	Craven Limestone Complex	SAC	Hard oligo-mesotrophic waters with benthic vegetation of <i>Chara</i> spp., Semi-natural dry grasslands and scrubland facies: on calcareous substrates (<i>Festuco-Brometalia</i>), <i>Molinia</i> meadows on calcareous, peaty or clayey-silt-laden soils (<i>Molinion caeruleae</i>), Active raised bogs, Petrifying springs with tufa formation (<i>Cratoneurion</i>), Alkaline fens, Limestone pavements, Calaminarian grasslands of the <i>Violetalia calaminariae</i> , <i>Tilio-Acerion</i> forests of slopes, screes and ravines, White-clawed (or Atlantic stream) crayfish <i>Austropotamobius pallipes</i> , Bullhead <i>Cottus gobio</i> , Lady's-slipper orchid <i>Cypripedium calceolus</i> .
UK0030036	Denby Grange Colliery Ponds	SAC	Great crested newt <i>Triturus cristatus</i> .
UK0030037	Devil's Dyke	SAC	Semi-natural dry grasslands and scrubland facies: on calcareous substrates (<i>Festuco-Brometalia</i>).
UK0030133	Dew's Ponds	SAC	Great crested newt <i>Triturus cristatus</i> .
UK0030330	Dover to Kingsdown Cliffs	SAC	Vegetated sea cliffs of the Atlantic and Baltic coasts, Semi-natural dry grasslands and scrubland facies: on calcareous substrates (<i>Festuco-Brometalia</i>).
UK0013059	Dungeness	SAC	Annual vegetation of drift lines, Perennial vegetation of stony banks, Great crested newt <i>Triturus cristatus</i> .
UK0030140	Durham Coast	SAC	Vegetated sea cliffs of the Atlantic and Baltic coasts.
UK0030039	Eller's Wood and Sand Dale	SAC	Petrifying springs with tufa formation (<i>Cratoneurion</i>), Geyer's whorl snail <i>Vertigo geyeri</i> .
UK0012646	Ensor's Pool	SAC	White Clawed crayfish
UK0012720	Epping Forest	SAC	Atlantic acidophilous beech forests with <i>Ilex</i> and sometimes also <i>Taxus</i> in the shrublayer (<i>Quercion robori-petraeae</i> or <i>Illici-Fagenion</i>), Northern Atlantic wet heaths with <i>Erica tetralix</i> , European dry heaths, Stag beetle <i>Lucanus cervus</i> .

Site Reference	Site Name	Designation	Qualifying Features
UK0013690	Essex Estuaries	SAC	Estuaries, mudflats and sandflats not covered by seawater at low tide, <i>Salicornia</i> and other annuals colonising mud and sand, <i>Spartina</i> swards (<i>Spartinion maritimae</i>), Atlantic salt meadows, Mediterranean and thermo-Atlantic halophilous scrubs (<i>Sarcocornetea fruticosi</i>), Sandbanks which are slightly covered by sea water all the time.
UK0030331	Eversden and Wimpole Woods	SAC	Barbastelle <i>Barbastella barbastellus</i> .
UK0030332	Fen Bog	SAC	Transition mires and quaking bogs.
UK0014782	Fenland	SAC	<i>Molinia</i> meadows on calcareous, peaty or clayey-silt-laden soils (<i>Molinion caeruleae</i>), Calcareous fens with <i>Cladium mariscus</i> and species of the <i>Caricion davallianae</i> , Spined loach <i>Cobitis taenia</i> , Great crested newt <i>Triturus cristatus</i> .
UK0013036	Flamborough Head	SAC	Reefs, Vegetated sea cliffs of the Atlantic and Baltic coasts, Submerged or partially submerged sea caves.
UK0012835	Folkestone to Etchingill Escarpment	SAC	Semi-natural dry grasslands and scrubland facies: on calcareous substrates (<i>Festuco-Brometalia</i>).
UK0012817	Gang Mine	SAC	Calaminarian grasslands of the <i>Violetalia calaminariae</i> .
UK0030043	Grimsthorpe	SAC	Semi-natural dry grasslands and scrubland facies: on calcareous substrates (<i>Festuco-Brometalia</i>), Early gentian <i>Gentianella anglica</i> .
UK0030165	Hastings Cliffs	SAC	Vegetated sea cliffs of the Atlantic and Baltic coasts.
UK0030166	Hatfield Moor	SAC	Degraded raised bogs still capable of natural regeneration.
UK0030170	Humber Estuary	SAC	Estuaries, mudflats and sandflats not covered by seawater at low tide, sandbanks which are slightly covered by seawater all the time, coastal lagoons, <i>Salicornia</i> and other annuals colonising mud and sand, Atlantic salt meadows, Embryonic shifting dunes, Shifting dunes along the shoreline with <i>Ammophila arenaria</i> ('white dunes'), fixed dunes with herbaceous vegetation ('grey dunes'), dunes with <i>Hippophae rhamnoides</i> , Sea lamprey <i>Petromyzon marinus</i> , River lamprey <i>Lampetra fluviatilis</i> , Grey seal <i>Halichoerus grypus</i> .
UK0012782	Ingleborough Complex	SAC	<i>Juniperus communis</i> formations on heaths or calcareous grasslands, Alkaline fens, Calcareous rocky slopes with chasmophytic vegetation, Limestone pavements, Semi-natural dry grasslands and scrubland facies: on calcareous substrates (<i>Festuco-Brometalia</i>), <i>Molinia</i> meadows on calcareous, peaty or clayey-silt-laden soils (<i>Molinion caeruleae</i>), Blanket bogs, Petrifying springs with tufa formation (<i>Cratoneurion</i>), <i>Tilio-Acerion</i> forests of slopes, scree and ravines.
UK0030178	Kirk Deighton	SAC	Great crested newt <i>Triturus cristatus</i> .
UK0012844	Lower Derwent Valley	SAC	Lowland hay meadows (<i>Alopecurus pratensis</i> , <i>Sanguisorba officinalis</i>), Alluvial forests with <i>Alnus glutinosa</i> and

Site Reference	Site Name	Designation	Qualifying Features
			<i>Fraxinus excelsior</i> (<i>Alno-Padion</i> , <i>Alnion incanae</i> , <i>Salicion albae</i>), Otter <i>Lutra lutra</i> .
UK0012834	Lydden and Temple Ewell Downs	SAC	Semi-natural dry grasslands and scrubland facies: on calcareous substrates (<i>Festuco-Brometalia</i>).
UK0030200	Manchester Mosses	SAC	Degraded raised bogs still capable of natural regeneration.
UK0012809	Minsmere to Walberswick Heaths and Marshes	SAC	Annual vegetation of drift lines, European dry heaths, Perennial vegetation of stony banks.
UK0030222	Nene Washes	SAC	Spined loach <i>Cobitis taenia</i> .
UK0012892	Norfolk Valley Fens	SAC	Alkaline fens, Northern Atlantic wet heaths with <i>Erica tetralix</i> , European dry heaths, Semi-natural dry grasslands and scrubland facies: on calcareous substrates (<i>Festuco-Brometalia</i>), <i>Molinia</i> meadows on calcareous, peaty or clayey-silt-laden soils (<i>Molinion caeruleae</i>), Calcareous fens with <i>Cladium mariscus</i> and species of the <i>Caricion davallianae</i> , Alluvial forests with <i>Alnus glutinosa</i> and <i>Fraxinus excelsior</i> (<i>Alno-Padion</i> , <i>Alnion incanae</i> , <i>Salicion albae</i>), Narrow-mouthed whorl snail <i>Vertigo angustior</i> , Desmoulin's whorl snail <i>Vertigo moulinsiana</i> .
UK0030225	North Downs Woodlands	SAC	<i>Asperulo-Fagetum</i> beech forests, <i>Taxus baccata</i> woods of the British Isles, Semi-natural dry grasslands and scrubland facies: on calcareous substrates (<i>Festuco-Brometalia</i>).
UK0019838	North Norfolk Coast	SAC	Coastal lagoons, Perennial vegetation of stony banks, Mediterranean and thermo-Atlantic halophilous scrubs (<i>Sarcocornetea fruticosi</i>), Embryonic shifting dunes, Shifting dunes along the shoreline with <i>Ammophila arenaria</i> ("white dunes"), Fixed dunes with herbaceous vegetation ("grey dunes"), Humid dune slacks, Otter <i>Lutra lutra</i> , Petalwort <i>Petalophyllum ralfsii</i> .
UK0014775	North Pennine Dales Meadows	SAC	Mountain hay meadows, <i>Molinia</i> meadows on calcareous, peaty or clayey-silt-laden soils (<i>Molinion caeruleae</i>).
UK0030033	North Pennine Moors	SAC	European dry heaths, <i>Juniperus communis</i> formations on heaths or calcareous grasslands, Blanket bogs, Petrifying springs with tufa formation (<i>Cratoneurion</i>), Siliceous rocky slopes with chasmophytic vegetation, Old sessile oak woods with <i>Ilex</i> and <i>Blechnum</i> in the British Isles, Northern Atlantic wet heaths with <i>Erica tetralix</i> , Calaminarian grasslands of the <i>Violetalia calaminariae</i> , Siliceous alpine and boreal grasslands, Semi-natural dry grasslands and scrubland facies: on calcareous substrates (<i>Festuco-Brometalia</i>), Alkaline fens, Siliceous scree of the montane to snow levels (<i>Androsacetalia alpinae</i> and <i>Galeopsietalia ladani</i>), Calcareous rocky slopes with chasmophytic vegetation, Marsh saxifrage <i>Saxifraga hirculus</i> .
UK0030228	North York Moors	SAC	Northern Atlantic wet heaths with <i>Erica tetralix</i> , European dry heaths, Blanket bogs.
UK0014780	Orfordness – Shingle Street	SAC	Coastal lagoons, Annual vegetation of drift lines, Perennial vegetation of stony banks.

Site Reference	Site Name	Designation	Qualifying Features
UK0030053	Orton Pit	SAC	Hard oligo-mesotrophic waters with benthic vegetation of <i>Chara</i> spp., Great crested newt <i>Triturus cristatus</i> .
UK0013011	Ouse Washes	SAC	Spined loach <i>Cobitis taenia</i> .
UK0030232	Overstrand Cliffs	SAC	Vegetated sea cliffs of the Atlantic and Baltic coasts.
UK0030234	Ox Close	SAC	Calaminarian grasslands of the <i>Violetalia calaminariae</i> , Semi-natural dry grasslands and scrubland facies: on calcareous substrates (<i>Festuco-Brometalia</i>), <i>Tilio-Acerion</i> forests of slopes, screes and ravines.
UK0030338	Parkgate Down	SAC	Semi-natural dry grasslands and scrubland facies: on calcareous substrates (<i>Festuco-Brometalia</i>).
UK0030235	Paston Great Barn	SAC	Barbastelle <i>Barbastella barbastellus</i> .
UK0012789	Pasturefields Saltmarsh	SAC	Inland salt meadows.
UK0019859	Peak District Dales	SAC	Semi-natural dry grasslands and scrubland facies: on calcareous substrates (<i>Festuco-Brometalia</i>), <i>Tilio-Acerion</i> forests of slopes, screes and ravines, European dry heaths, Calaminarian grasslands of the <i>Violetalia calaminariae</i> , Alkaline fens, Calcareous and calcshist screes of the montane to alpine levels (<i>Thlaspietea rotundifolii</i>), Calcareous rocky slopes with chasmophytic vegetation, White-clawed (or Atlantic stream) crayfish <i>Austropotamobius pallipes</i> , Brook lamprey <i>Lampetra planeri</i> , Bullhead <i>Cottus gobio</i> .
UK0030237	Peter's Pit	SAC	Great crested newt <i>Triturus cristatus</i> .
UK0030054	Portholme	SAC	Lowland hay meadows (<i>Alopecurus pratensis</i> , <i>Sanguisorba officinalis</i>).
UK0012833	Queendown Warren	SAC	Semi-natural dry grasslands and scrubland facies: on calcareous substrates (<i>Festuco-Brometalia</i>).
UK0019866	Rex Graham Reserve	SAC	Semi-natural dry grasslands and scrubland facies: on calcareous substrates (<i>Festuco-Brometalia</i>).
UK0030246	Richmond Park	SAC	Stag beetle <i>Lucanus cervus</i> .
UK0030253	River Derwent	SAC	Water courses of plain to montane levels with the <i>Ranunculion fluitantis</i> and <i>Callitricho-Batrachion</i> vegetation, River lamprey <i>Lampetra fluviatilis</i> , Sea lamprey <i>Petromyzon marinus</i> , Bullhead <i>Cottus gobio</i> , Otter <i>Lutra lutra</i> .
UK0012643	River Eden	SAC	River lamprey <i>Lampetra fluviatilis</i> , Sea lamprey <i>Petromyzon marinus</i> , Atlantic salmon <i>Salmo salar</i> and Otter <i>Lutra lutra</i> , Oligotrophic to mesotrophic standing waters with vegetation of the <i>Littorelletea uniflorae</i> and/or of the <i>Isoëto-Nanojuncetea</i> , Water courses of plain to montane levels with the <i>Ranunculion fluitantis</i> and <i>Callitricho-Batrachion</i> vegetation, Alluvial forests with <i>Alnus glutinosa</i> and <i>Fraxinus excelsior</i> (<i>Alno-Padion</i> , <i>Alnion incanae</i> , <i>Salicion albae</i>). White-clawed (or Atlantic stream) crayfish <i>Austropotamobius pallipes</i> . Bullhead <i>Cottus gobio</i> and Brook lamprey <i>Lampetra planeri</i> .

Site Reference	Site Name	Designation	Qualifying Features
UK0030258	River Mease	SAC	Water courses of plain to montane levels with the <i>Ranunculon fluitantis</i> and <i>Callitricho-Batrachion</i> vegetation, Spined loach <i>Cobitis taenia</i> , Bullhead <i>Cottus gobio</i> , White-clawed (or Atlantic stream) crayfish <i>Austropotamobius pallipes</i> , Otter <i>Lutra lutra</i> .
UK0012647	River Wensum	SAC	Water courses of plain to montane levels with the <i>Ranunculon fluitantis</i> and <i>Callitricho-Batrachion</i> vegetation, White-clawed (or Atlantic stream) crayfish <i>Austropotamobius pallipes</i> , Desmoulin's whorl snail <i>Vertigo moulinsiana</i> , Brook lamprey <i>Lampetra planeri</i> , Bullhead <i>Cottus gobio</i> .
UK0030264	Rixton Clay Pits	SAC	Great crested newt <i>Triturus cristatus</i> .
UK0030266	Rochdale Canal	SAC	Floating water-plantain <i>Luronium natans</i> .
UK0012801	Roydon Common and Dersingham Bog	SAC	Northern Atlantic wet heaths with <i>Erica tetralix</i> , Depressions on peat substrates of the <i>Rhynchosporion</i> , European dry heaths.
UK0030270	Saltfleetby–Theddlethorpe Dunes and Gibraltar Point	SAC	Shifting dunes along the shoreline with <i>Ammophila arenaria</i> ("white dunes"), Fixed dunes with herbaceous vegetation ("grey dunes"), Dunes with <i>Hippophae rhamnoides</i> , Humid dune slacks, Embryonic shifting dunes.
UK0013077	Sandwich Bay	SAC	Embryonic shifting dunes, Shifting dunes along the shoreline with <i>Ammophila arenaria</i> ("white dunes"), Fixed dunes with herbaceous vegetation ("grey dunes"), Dunes with <i>Salix repens</i> ssp. <i>argentea</i> (<i>Salicion arenariae</i>), Humid dune slacks.
UK0030276	Skipwith Common	SAC	Northern Atlantic wet heaths with <i>Erica tetralix</i> , European dry heaths.
UK0030280	South Pennine Moors	SAC	European dry heaths, Blanket bogs, Old sessile oak woods with <i>Ilex</i> and <i>Blechnum</i> in the British Isles, Northern Atlantic wet heaths with <i>Erica tetralix</i> , Transition mires and quaking bogs.
UK0012741	Staverton Park and The Thicks, Wantisden	SAC	Old acidophilous oak woods with <i>Quercus robur</i> on sandy plains.
UK0030283	Stodmarsh	SAC	Desmoulin's whorl snail <i>Vertigo moulinsiana</i> .
UK0030284	Strensall Common	SAC	Northern Atlantic wet heaths with <i>Erica tetralix</i> , European dry heaths.
UK0013107	Thanet Coast	SAC	Reefs, Submerged or partially submerged sea caves.
UK0013577	The Broads	SAC	Hard oligo-mesotrophic waters with benthic vegetation of <i>Chara</i> spp., Natural eutrophic lakes with <i>Magnopotamion</i> or <i>Hydrocharition</i> -type vegetation, Transition mires and quaking bogs, Calcareous fens with <i>Cladium mariscus</i> and species of the <i>Caricion davallianae</i> , Alkaline fens, Alluvial forests with <i>Alnus glutinosa</i> and <i>Fraxinus excelsior</i> (<i>Alno-Padion</i> , <i>Alnion incanae</i> , <i>Salicion albae</i>), <i>Molinia</i> meadows on calcareous, peaty or clayey-silt-laden soils (<i>Molinion</i>

Site Reference	Site Name	Designation	Qualifying Features
			<i>caeruleae</i>), Desmoulin's whorl snail <i>Vertigo moulinsiana</i> , Fen orchid <i>Liparis loeselii</i> , Ramshorn snail <i>Anisus vorticulus</i> , Otter <i>Lutra lutra</i> .
UK0017075	The Wash and North Norfolk Coast	SAC	Sandbanks which are slightly covered by sea water all the time, Mudflats and sandflats not covered by seawater at low tide, Large shallow inlets and bays, Reefs, <i>Salicornia</i> and other annuals colonising mud and sand, Atlantic salt meadows (<i>Glauco-Puccinellietalia maritima</i>), Mediterranean and thermo-Atlantic halophilous scrubs (<i>Sarcocornetea fruticosi</i>), Coastal lagoons, Common seal <i>Phoca vitulina</i> , Otter <i>Lutra lutra</i> .
UK0012915	Thorne Moor	SAC	Degraded raised bogs still capable of natural regeneration.
UK0012838	Thrislington	SAC	Semi-natural dry grasslands and scrubland facies: on calcareous substrates (<i>Festuco-Brometalia</i>).
UK0012882	Waveney and Little Ouse Valley Fens	SAC	<i>Molinia</i> meadows on calcareous, peaty or clayey-silt-laden soils (<i>Molinion caeruleae</i>), Calcareous fens with <i>Cladium mariscus</i> and species of the <i>Caricion davallianae</i> , Desmoulin's whorl snail <i>Vertigo moulinsiana</i> .
UK0013595	West Midland Mosses	SAC	Natural dystrophic lakes and ponds and transition mires and quaking bogs.
UK0013043	Winterton – Horsey Dunes	SAC	Atlantic decalcified fixed dunes (<i>Calluno-Ulicetea</i>), Humid dune slacks, Embryonic shifting dunes, Shifting dunes along the shoreline with <i>Ammophila arenaria</i> ("white dunes").
UK0013696	Wormley Hoddesdonpark Woods	SAC	Sub-Atlantic and medio-European oak or oak-hornbeam forests of the <i>Carpinion betuli</i> .
UK0012831	Wye and Crundale Downs	SAC	Semi-natural dry grasslands and scrubland facies: on calcareous substrates (<i>Festuco-Brometalia</i>).
UK0030352	Dogger Bank	cSAC	Sandbanks which are slightly covered by sea water all the time.
UK0030369	Haisborough, Hammond and Winterton	cSAC	Sandbanks which are slightly covered by sea water all the time, Reefs.
UK0030370	Inner Dowsing, Race Bank and North Ridge	cSAC	Sandbanks which are slightly covered by sea water all the time, Reefs.
UK0030371	Margate and Long Sands	cSAC	Sandbanks which are slightly covered by sea water all the time.
UK0030358	North Norfolk Sandbanks and Saturn Reef	cSAC	Sandbanks which are slightly covered by sea water all the time, Reefs.
UK9009141	Abberton Reservoir	SPA	Wintering populations of Northern Shoveler, Eurasian Teal, Eurasian Wigeon, Gadwall, Pochard, Tufted Duck, Common Goldeneye, Mute Swan, Coot and Great Crested Grebe, supports 39,763 waterfowl. Breeding population of Great Cormorant.

Site Reference	Site Name	Designation	Qualifying Features
UK9009112	Alde-Ore Estuary	SPA	Breeding populations of Marsh Harrier, Pied Avocet, Little Tern, Sandwich Tern and Lesser Black-backed Gull. Wintering populations of Ruff, Pied Avocet and Redshank.
UK9009291	Benacre to Easton Bavents	SPA	Breeding populations of Bittern, Marsh Harrier and Little Tern.
UK9009171	Benfleet and Southend Marshes	SPA	Wintering populations of Dark-bellied Brent Goose, Dunlin, Knot, Ringed Plover and Grey Plover, supports 34789 waterfowl.
UK9009245	Blackwater Estuary (Mid-Essex Coast Phase 4)	SPA	Breeding populations of Common Pochard, Ringed Plover and Little Tern. Wintering populations of Hen Harrier, Dark-bellied Brent Goose, Ringed Plover, Dunlin, Black-tailed Godwit and Grey Plover, supports 109,964 waterfowl.
UK9005151	Bowland Fells	SPA	Breeding populations of Lesser black-backed gull. Breeding populations of Hen Harrier and Marlin
UK9009201	Breckland	SPA	Breeding populations of Stone Curlew, European Nightjar and Woodlark
UK9009181	Breydon Water	SPA	Wintering populations of Bewick's Swan, Golden Plover, Pied Avocet and Northern Lapwing, supports 43,225 waterfowl. Breeding population of Common Tern. Populations of Ruff on passage.
UK9009253	Broadland	SPA	Wintering populations of Hen Harrier, Bewick's Swan, Whooper Swan and Gadwall. Breeding populations of Eurasian Bittern and Marsh Harrier.
UK9009243	Colne Estuary (Mid-Essex Coast Phase 2)	SPA	Breeding population of Common Pochard, Ringed Plover and Little Tern. Wintering population of Dark-bellied Brent Goose, Hen Harrier and Redshank, supports 38,600 waterfowl.
UK9009244	Crouch & Roach Estuaries (Mid-Essex Coast Phase 3)	SPA	Wintering populations of Hen Harrier and Dark-bellied Brent Goose, supports 18607 waterfowl.
UK9009261	Deben Estuary	SPA	Wintering populations of Dark-bellied Brent Goose and Pied Avocet.
UK9009242	Dengie (Mid-Essex Coast Phase 1)	SPA	Wintering populations of Dark-bellied Brent Goose, Hen Harrier, Grey Plover and Knot, supports 31,454 waterfowl.
UK9012091	Dungeness to Pett Level	SPA	Wintering population of Northern Shoveler and Bewick's Swan. Breeding population of Mediterranean Gull, Little Tern and Common Tern.
UK9006101	Flamborough Head & Bempton Cliffs	SPA	Breeding population of Black Legged Kittiwake.
UK9009246	Foulness (Mid-Essex Coast Phase 5)	SPA	Wintering populations of Hen Harrier, Bar-tailed Godwit, Pied Avocet, Dark-bellied Brent Goose, Knot, Eurasian

Site Reference	Site Name	Designation	Qualifying Features
			Oystercatcher, Grey Plover and Redshank, supports 107,999 waterfowl. Breeding populations of Ringed Plover, Pied Avocet, Little Tern, Common Tern and Sandwich Tern.
UK9008022	Gibraltar Point	SPA	Wintering population of Sanderling, Bar-tailed Godwit and Grey Plover. Breeding population of Little Tern.
UK9009271	Great Yarmouth North Denes	SPA	Breeding population of Little Tern.
UK9009131	Hamford Water	SPA	Wintering populations of Eurasian Teal, Dark-bellied Brent Goose, Ringed Plover, Black-tailed Godwit, Grey Plover, Pied Avocet, Redshank and Common Shelduck. Breeding population of Little Tern.
UK9006171	Hornsea Mere	SPA	Wintering population of Gadwall. Breeding population of Mute Swan.
UK9006111	Humber Estuary	SPA	Wintering populations of Eurasian Bittern, Hen Harrier, Bar-tailed Godwit, Golden Plover, Pied Avocet, Dunlin, Black-tailed Godwit, Shelduck, and Redshank. Breeding populations of Marsh Harrier, Eurasian Bittern, Pied Avocet and Little Tern. Migrating populations of Ruff, Dunlin, Knot, Black-tailed Godwit, and Redshank. Non-breeding assemblage of 153934 waterfowl.
UK9012111	Lee Valley	SPA	Wintering populations of Eurasian Bittern, Northern Shoveler and Gadwall.
UK9006092	Lower Derwent Valley	SPA	Wintering populations of Bewick's Swan, Ruff, European Golden Plover, Eurasian Teal, Eurasian Wigeon, supports 40,616 waterfowl. Breeding population of Northern Shoveler.
UK9012031	Medway Estuary & Marshes	SPA	Breeding populations of Pied Avocet, Little Tern and Common Tern, and an internationally important assemblage of breeding waterfowl. Wintering populations of Bewick's Swan, Pied Avocet, Northern Pintail, Northern Shoveler, Eurasian Teal, Eurasian Wigeon, Ruddy Turnstone, Dark-bellied Brent Goose, Dunlin, Knot, Ringed Plover, Eurasian Oystercatcher, Black-tailed Godwit, Curlew, Grey Plover, Common Shelduck, Redshank and Common Greenshank, supports 65,496 waterfowl.
UK9009101	Minsmere-Walberswick	SPA	Breeding populations of Eurasian Bittern, European Nightjar, Marsh Harrier, Pied Avocet, Little Tern, Northern Shoveler, Eurasian Teal, and Gadwall. Wintering populations of Hen Harrier, Northern Shoveler, Gadwall, and Greater White-fronted Goose.

Site Reference	Site Name	Designation	Qualifying Features
UK9008031	Nene Washes	SPA	Wintering populations of Bewick's Swan, Northern Pintail, Northern Shoveler, Eurasian Teal, Eurasian Wigeon and Gadwall. Breeding populations of Northern Shoveler, Garganey, Gadwall, and Black-tailed Godwit.
UK9009031	North Norfolk Coast	SPA	Breeding populations of Eurasian Bittern, Marsh Harrier, Pied Avocet, Little Tern, Common tern and Sandwich Tern. Wintering populations of Pied Avocet, Eurasian Wigeon, Pink-footed Goose, Dark-bellied Brent Goose, Knot, supports 91,536 waterfowl.
UK9006272	North Pennine Moors	SPA	Breeding populations of Northern Harrier, Merlin, Peregrine Falcon and European Golden plover.
UK9006161	North York Moors	SPA	Breeding populations of Merlin and European Golden Plover.
UK9006131	Northumbria Coast	SPA	Wintering populations of Ruddy Turnstone and Purple Sandpiper. Breeding populations of Little Tern.
UK9008041	Ouse Washes	SPA	Wintering populations of Hen Harrier, Bewick's Swan, Whooper Swan, Ruff, Northern Pintail, Northern Shoveler, Eurasian Teal, Eurasian Wigeon, Gadwall, Common Pochard, Tufted Duck, Mute Swan, Coot, Great Cormorant, supports 64,428 waterfowl. Breeding populations of Northern Shoveler, Mallard, Garganey, Gadwall and Black-tailed Godwit, and an internationally important assemblage of breeding waterfowl.
UK9020309	Outer Thames Estuary	SPA	Wintering population of Red-throated Diver.
UK9007021	Peak District Moors (South Pennine Moors Phase 1)	SPA	Breeding populations of Short-eared Owl, Merlin and European Golden Plover.
UK9008051	Rutland Water	SPA	Wintering populations of Northern Shoveller, Eurasian Teal, Eurasian Wigeon, Gadwell, Tufted Duck, Common Goldeneye, Mute Swan, Eurasian Coot, Goosander and Great Crested Grebe, supports 25,037 waterfowl.
UK9020286	Sandlings	SPA	Breeding populations of European Nightjar and Woodlark.
UK9007022	South Pennine Moors Phase 2	SPA	Breeding populations of Short-eared Owl, Merlin and Eurasian Golden Plover. Supports an internationally important overwintering assemblage of waterfowl.
UK9012121	Stodmarsh	SPA	Wintering populations of Eurasian Bittern, Hen Harrier, Northern Shoveler and Gadwall. Breeding populations of Gadwall, and an internationally important assemblage of breeding waterfowl.
UK9009121	Stour and Orwell Estuaries	SPA	Breeding population of Pied Avocet. Wintering populations of Northern Pintail, Dark-bellied Brent Goose, Dunlin, Knot, Black-tailed Godwit, Grey Plover,

Site Reference	Site Name	Designation	Qualifying Features
			Redshank, supports 63,017 waterfowl. Population of Redshank on passage.
UK9006061	Teesmouth & Cleveland Coast	SPA	Breeding population of Little Tern. Populations of Sandwich Tern and Redshank on passage. Wintering population of Knot, supports 21,312 waterfowl.
UK9012021	Thames Estuary & Marshes	SPA	Wintering populations of Hen Harrier, Pied Avocet, Dunlin, Knot, Black-tailed Godwit, Grey Plover, Redshank, supports 75,019 waterfowl Population of Ringed Plover on passage.
UK9012071	Thanet Coast & Sandwich Bay	SPA	Breeding population of Little Tern. Wintering populations of Golden Plover and Ruddy Turnstone.
UK9012011	The Swale	SPA	Wintering populations of Dark-bellied Brent Goose, Dunlin, Redshank, supports 65,588 waterfowl. Internationally important assemblage of breeding waterfowl.
UK9008021	The Wash	SPA	Breeding populations of Little Tern and Common Tern. Wintering populations of Bewick's Swan, Bar-tailed Godwit, Northern Pintail, Eurasian Wigeon, Gadwall, Pink-footed Goose, Ruddy Turnstone, Dark-bellied Brent Goose, Common Goldeneye, Sanderling, Dunlin, Knot, Oystercatcher, Black-tailed Godwit, Common Scoter, Eurasian Curlew, Grey Plover, Common Shelduck, Redshank, supports 400367 waterfowl.
UK9005171	Thorne & Hatfield Moors	SPA	Breeding population of European Nightjar.
UK9020296	Upper Nene Valley Gravel Pits	SPA	Breeding populations of Eurasian Bittern, European Golden Plover, Gadwell, supports 23,821 waterfowl.
UK11001	Abberton Reservoir	Ramsar	Ramsar Criterion 5 - site supports a winter population of 23,787 waterfowl. Ramsar Criterion 6 - Spring/autumn populations of Gadwall and Northern Shoveler and wintering population of Eurasian Wigeon. Species/populations identified subsequent to designation for possible future consideration under Criterion 6 include; overwintering populations of Mute Swan and Common Pochard.
UK11002	Alde-Ore Estuary	Ramsar	Ramsar Criterion 2 - Site supports nationally scarce plants and invertebrates. Ramsar Criterion 3 - Site supports a notable assemblage of breeding and wintering wetland birds. Ramsar Criterion 6 - Site supports a breeding population of Lesser Black-backed Gull and wintering populations of Pied Avocet and Common Redshank.
UK11006	Benfleet and Southend Marshes	Ramsar	Ramsar Criterion 5 - Site supports a winter population of 32,867 waterfowl.

Site Reference	Site Name	Designation	Qualifying Features
			Ramsar Criterion 6 - Site supports a spring/autumn population of Dark-bellied Brent Goose and overwintering populations of Grey Plover and Knot. Species/populations identified subsequent to designation for possible future consideration under Criterion 6 include; overwintering population of Dunlin.
UK11007	Blackwater Estuary (Mid-Essex Coast Phase 4)	Ramsar	<p>Ramsar Criterion 1 - Qualifies by virtue of the extent and diversity of saltmarsh habitat present.</p> <p>Ramsar Criterion 2 - The invertebrate fauna is well represented and includes at least 16 British Red Data Book species.</p> <p>Ramsar Criterion 3 - This site supports a full and representative sequence of saltmarsh plant communities covering the range of variation in Britain.</p> <p>Ramsar Criterion 5 - Site supports a winter population of 105,061 waterfowl.</p> <p>Ramsar criterion 6 – Site supports overwintering populations of Dark-bellied Brent Goose, Grey Plover, Dunlin and Black-tailed Godwit. Species/populations identified subsequent to designation for possible future consideration under Criterion 6 include; overwintering populations of Common Shelduck, European Golden Plover, and Common Redshank.</p>
UK11008	Breydon Water	Ramsar	<p>Ramsar Criterion 5 - Site supports a winter population of 68,175 waterfowl.</p> <p>Ramsar Criterion 6 – Site supports overwintering populations of Tundra Swan and Northern Lapwing. Species/populations identified subsequent to designation for possible future consideration under Criterion 6 include; overwintering populations of Pink-footed Goose, Eurasian Wigeon, Northern Shoveler, European Golden Plover and Black-tailed Godwit.</p>
UK11010	Broadland	Ramsar	<p>Ramsar Criterion 2 - The site supports a number of rare species and habitats within the biogeographical zone context, including the following Habitats Directive Annex I features: Calcareous fens with <i>Cladium mariscus</i> and species of the <i>Caricion davallianae</i>, Alkaline fens, Alluvial forests with <i>Alnus glutinosa</i> and <i>Fraxinus excelsior</i> (<i>Alno-Padion</i>, <i>Alnion incanae</i>, <i>Salicion albae</i>), Desmoulin's whorl snail <i>Vertigo moulinsiana</i>, Otter <i>Lutra lutra</i>, Fen Orchid <i>Liparis loeselii</i>. The site supports an outstanding assemblage of rare plants and invertebrates including nine British Red Data Book plants and 136 British Red Data Book invertebrates.</p> <p>Ramsar Criterion 6 – Site supports overwintering populations of Tundra Swan, Eurasian Wigeon, Gadwall and Northern Shoveler. Species/populations identified subsequent to designation for possible future consideration under Criterion 6 include; overwintering populations of Pink-footed Goose and Greylag Goose.</p>
UK11014	Chippenham Fen	Ramsar	<p>Ramsar criterion 1 – Site supports a spring-fed calcareous basin mire, with diverse flora.</p> <p>Ramsar Criterion 2 – Site supports a rich invertebrate fauna, including many rare and scarce invertebrates characteristic of ancient fenland sites in Britain.</p> <p>Ramsar Criterion 3 - Site supports diverse vegetation types, rare and scarce plants. The site is the stronghold of</p>

Site Reference	Site Name	Designation	Qualifying Features
			Cambridge milk parsley <i>Selinum carvifolia</i> .
UK11015	Colne Estuary (Mid-Essex Coast Phase 2)	Ramsar	<p>Ramsar Criterion 1 - The site is important due to the extent and diversity of saltmarsh present.</p> <p>Ramsar Criterion 2 - Site supports 12 species of nationally scarce plants and at least 38 British Red Data Book invertebrate species.</p> <p>Ramsar Criterion 3 - This site supports a full and representative sequence of saltmarsh plant communities covering the range of variation in Britain.</p> <p>Ramsar Criterion 5 - Site supports a winter population of 32,041 waterfowl.</p> <p>Ramsar Criterion 6 - Site supports overwintering populations of Dark-bellied Brent Goose and Common Redshank. Species/populations identified subsequent to designation for possible future consideration under Criterion 6 include; overwintering population of Black-tailed Godwit.</p>
UK11058	Crouch & Roach Estuaries (Mid-Essex Coast Phase 3)	Ramsar	<p>Ramsar Criterion 2 - Site supports an appreciable assemblage of rare, vulnerable or endangered species or subspecies of plant and animal including 13 nationally scarce plant species and several important invertebrate species.</p> <p>Ramsar Criterion 5 - Site supports a winter population of 16,970 waterfowl.</p> <p>Ramsar Criterion 6 - Site supports an overwintering population of Dark-bellied Brent Goose.</p>
UK11017	Deben Estuary	Ramsar	<p>Ramsar Criterion 2 – Site supports a population of the mollusc <i>Vertigo angustior</i>.</p> <p>Ramsar Criterion 6 - Site supports an overwintering population of Dark-bellied Brent Goose.</p>
UK11018	Dengie (Mid-Essex Coast Phase 1)	Ramsar	<p>Ramsar Criterion 1 - Qualifies by virtue of the extent and diversity of saltmarsh habitat present.</p> <p>Ramsar Criterion 2 - Site supports a number of rare plant and animal species including 11 species of nationally scarce plants (including the eelgrass <i>Zostera angustifolia</i>, <i>Z. marina</i> and <i>Z. noltei</i>) and Red Data Book invertebrate species.</p> <p>Ramsar Criterion 3 - This site supports a full and representative sequence of saltmarsh plant communities covering the range of variation in Britain.</p> <p>Ramsar Criterion 5 – Site supports a winter population of 43,828 waterfowl.</p> <p>Ramsar Criterion 6 - Site supports overwintering populations of Dark-bellied Brent Goose, Grey Plover and Knot. Species/populations identified subsequent to designation for possible future consideration under Criterion 6 include; overwintering populations of Bar-tailed Godwit.</p>
UK11019	Dersingham Bog	Ramsar	Ramsar Criterion 2 – Site supports an important assemblage of invertebrates, including nine British Red Data Book species.
UK11026	Foulness (Mid-Essex Coast Phase 5)	Ramsar	<p>Ramsar Criterion 1 - This site qualifies by virtue of the extent and diversity of saltmarsh habitat present.</p> <p>Ramsar Criterion 2 - The site supports a number of nationally-rare and nationally-scarce plant species, and British Red Data Book invertebrates.</p>

Site Reference	Site Name	Designation	Qualifying Features
			<p>Ramsar Criterion 3 - The site contains extensive saltmarsh habitat, with areas supporting full and representative sequences of saltmarsh plant communities covering the range of variation in Britain.</p> <p>Ramsar Criterion 5 – Site supports a winter population of 82,148 waterfowl.</p> <p>Ramsar criterion 6 - Site supports a spring/autumn population of Common Redshank and winter populations of Dark-bellied Brent Goose, Eurasian Oystercatcher, Grey Plover, Knot and Bar-tailed Godwit.</p>
UK11027	Gibraltar Point	Ramsar	<p>Ramsar Criterion 1 - The dune and saltmarsh habitats present on the site are representative of all the stages of colonisation and stabilisation. There is a fine example of freshwater marsh containing sedges <i>Carex</i> spp., rushes <i>Juncus</i> spp., and ferns, including adder's-tongue fern <i>Ophioglossum vulgatum</i>. Also most northerly example of nationally rare saltmarsh/dune communities containing sea heath <i>Frankenia laevis</i>, rock sea lavender <i>Limonium binervosum</i> and shrubby seablite <i>Suaeda vera</i>.</p> <p>Ramsar Criterion 2 – Site supports a diverse assemblage of wetland invertebrate species of which eight species are listed as rare in the British Red Data Book and a further four species listed as vulnerable.</p> <p>Ramsar Criterion 5 - Site supports a winter population of 53,072 waterfowl.</p> <p>Ramsar Criterion 6 - Site supports spring/autumn populations of Grey Plover, Sanderling and Bar-tailed Godwit and an overwintering population of Dark-bellied Brent Goose. Species/populations identified subsequent to designation for possible future consideration under Criterion 6 include; a spring/autumn population of Knot.</p>
UK11028	Hamford Water	Ramsar	<p>Ramsar Criterion 6 - Site supports spring/autumn populations of Red Plover and Common Redshank and overwintering populations of Dark-bellied Brent Goose and Black-tailed Godwit. Species/populations identified subsequent to designation for possible future consideration under Criterion 6 include; an overwintering population of Grey Plover.</p>
UK11031	Humber Estuary	Ramsar	<p>Ramsar Criterion 1 - The site is a representative example of a near-natural estuary with the following component habitats: dune systems and humid dune slacks, estuarine waters, intertidal mud and sand flats, saltmarshes, and coastal brackish/saline lagoons.</p> <p>Ramsar Criterion 3 - The Humber Estuary Ramsar site supports a breeding colony of grey seals <i>Halichoerus grypus</i> at Donna Nook. The dune slacks at Saltfleetby-Theddlethorpe are the most north-easterly breeding site in Great Britain of the natterjack toad <i>Bufo calamita</i>.</p> <p>Ramsar Criterion 5 – Site supports a winter population of 153,934 waterfowl.</p> <p>Ramsar Criterion 6 - Site supports passage populations of Eurasian Golden Plover, Knot, Dunlin, Black-tailed Godwit and Common Redshank, wintering populations of Common Shelduck, Eurasian Golden Plover, Knot, Dunlin, Black-tailed Godwit, Bar-tailed Godwit and Common Redshank.</p> <p>Ramsar Criterion 8 - The Humber Estuary acts as an important migration route for both river lamprey <i>Lampetra fluviatilis</i> and sea lamprey <i>Petromyzon marinus</i> between coastal waters and their spawning areas.</p>

Site Reference	Site Name	Designation	Qualifying Features
UK11034	Lee Valley	Ramsar	<p>Ramsar Criterion 2 - Site supports the nationally scarce plant species whorled water-milfoil <i>Myriophyllum verticillatum</i> and the rare or vulnerable invertebrate <i>Micronecta minutissima</i> (a water-boatman).</p> <p>Ramsar Criterion 6 - Site supports spring/autumn populations of Northern shoveler and Gadwell.</p>
UK11037	Lower Derwent Valley	Ramsar	<p>Ramsar Criterion 1 - The site represents one of the most important examples of traditionally managed species-rich alluvial flood meadow habitat remaining in the UK. The river and flood meadows play a substantial role in the hydrological and ecological functioning of the Humber Basin.</p> <p>Ramsar Criterion 2 - The site has a rich assemblage of wetland invertebrates including 16 species of dragonfly and damselfly, 15 British Red Data Book wetland invertebrates as well as a leafhopper, <i>Cicadula ornata</i> for which Lower Derwent Valley is the only known site in Great Britain.</p> <p>Ramsar Criterion 4 - The site qualifies as a staging post for passage birds in spring. Of particular note are the nationally important numbers of Ruff and Whimbrel.</p> <p>Ramsar Criterion 5 - Site supports a winter population of 31,942 waterfowl.</p> <p>Ramsar Criterion 6 - Site supports wintering populations of Eurasian Wigeon and Eurasian Teal.</p>
UK11040	Medway Estuary & Marshes	Ramsar	<p>Ramsar Criterion 2 - The site supports a number of species of rare plants and animals, including at least twelve British Red Data Book species of wetland invertebrates. A significant number of non-wetland British Red Data Book species also occur.</p> <p>Ramsar Criterion 5 - Site supports a winter population of 47,637 waterfowl.</p> <p>Ramsar Criterion 6 - Site supports spring/autumn populations of Grey Plover and Common Redshank and wintering populations of Dark-bellied Brent Goose, Common Shelduck, Northern Pintail, Ringed Plover, Knot and Dunlin.</p> <p>Species/populations identified subsequent to designation for possible future consideration under Criterion 6 include; a spring/autumn population of Black-tailed Godwit.</p>
UK11044	Minsmere-Walberswick	Ramsar	<p>Ramsar Criterion 1 - The site contains a mosaic of marine, freshwater, marshland and associated habitats, complete with transition areas in between. Contains the largest continuous stand of reedbeds in England and Wales and rare transition in grazing marsh ditch plants from brackish to fresh water.</p> <p>Ramsar Criterion 2 - This site supports nine nationally scarce plants and at least 26 red data book invertebrates.</p> <p>Supports a population of the mollusc <i>Vertigo angustior</i>. An important assemblage of rare breeding birds associated with marshland and reedbeds including: Eurasian Bittern, Gadwell, Eurasian Teal, Northern Shoveller, Marsh-harrier, Avocet and Bearded Tit.</p>
UK11046	Nene Washes	Ramsar	<p>Ramsar Criterion 2 - The site supports an important assemblage of nationally rare breeding birds. In addition, a wide range of raptors occur through the year. The site also supports several nationally scarce plants, and two vulnerable and two rare British Red Data Book invertebrate species have been recorded.</p>

Site Reference	Site Name	Designation	Qualifying Features
			Ramsar Criterion 6 - Site supports an overwintering population of Bewick's Swan. Species/populations identified subsequent to designation for possible future consideration under Criterion 6 include; a spring/autumn population of Black-tailed Godwit and a winter population of Northern Pintail.
UK11048	North Norfolk Coast	Ramsar	<p>Ramsar Criterion 1 - The site is one of the largest expanses of undeveloped coastal habitat of its type in Europe. It is a particularly good example of a marshland coast with intertidal sand and mud, saltmarshes, shingle banks and sand dunes. There are a series of brackish-water lagoons and extensive areas of freshwater grazing marsh and reed beds.</p> <p>Ramsar Criterion 2 - Supports at least three British Red Data Book and nine nationally scarce vascular plants, one British Red Data Book lichen and 38 British Red Data Book invertebrates.</p> <p>Ramsar Criterion 5 – Site supports a winter population of 98,462 waterfowl.</p> <p>Ramsar Criterion 6 - Site supports breeding populations of Sandwich Tern, Common Tern and Little Tern, spring/autumn populations of Knot, overwintering populations of Pink-footed Goose, Dark-bellied Brent Goose, Eurasian Wigeon and Northern Pintail. Species/populations identified subsequent to designation for possible future consideration under Criterion 6 include; spring/autumn populations of Ringed Plover, Sanderling, and Bar-tailed Godwit.</p>
UK11049	Northumbria Coast	Ramsar	Ramsar Criterion 6 - Site supports breeding populations of Litter Tern, Purple Sandpiper and Ruddy Turnstone.
UK11051	Ouse Washes	Ramsar	<p>Ramsar Criterion 1 - The site is one of the most extensive areas of seasonally-flooding washland of its type in Britain.</p> <p>Ramsar Criterion 2 - The site supports several nationally scarce plants and invertebrates. The site also supports a diverse assemblage of nationally rare breeding waterfowl associated with seasonally-flooding wet grassland.</p> <p>Ramsar Criterion 5 – Site supports a winter population of 59,133 waterfowl.</p> <p>Ramsar Criterion 6 - Site supports overwintering populations of Bewick's Swan, Whooper Swan, Eurasian Wigeon, Gadwall, Eurasian Teal, Northern Pintail and Northern Shoveler. Species/populations identified subsequent to designation for possible future consideration under Criterion 6 include; overwintering populations of Mute Swan, Common Pochard and Black-tailed Godwit.</p>
UK11056	Redgrave & South Lopham Fens	Ramsar	<p>Ramsar Criterion 1 - The site is an extensive example of spring-fed lowland base-rich valley, remarkable for its lack of fragmentation.</p> <p>Ramsar Criterion 2 and 3 - The site supports many rare and scarce invertebrates, including a population of the fen raft spider <i>Dolomedes plantarius</i>.</p>
UK11061	Roydon Common	Ramsar	<p>Ramsar Criterion 1 - The site is the most extensive example of valley mire-heathland biotope within East Anglia; it is a mixed valley mire holding vegetation communities which reflect the influence of both base-poor and base-rich water.</p> <p>Ramsar Criterion 3 - The vegetation communities have a restricted distribution within Britain - it also supports a number of acidophilic invertebrates outside their normal geographic range and six British Red Data Book</p>

Site Reference	Site Name	Designation	Qualifying Features
			invertebrates.
UK11062	Rutland Water	Ramsar	Ramsar Criterion 5 – Site supports an international important assemblage of waterfowl species. Ramsar Criterion 6 - Site supports spring/autumn populations of Gadwell and Northern shoveler. Species/populations identified subsequent to designation for possible future consideration under Criterion 6 include; a spring/autumn population of Mute Swan.
UK11066	Stodmarsh	Ramsar	Ramsar Criterion 2 – Site supports six British Red Data Book wetland invertebrates, two nationally rare plants, and five nationally scarce species. A diverse assemblage of rare wetland birds including breeding population of Gadwall, spring/autumn populations of Gadwall and overwintering populations of Great Bittern, Northern Shoveler and Hen Harrier.
UK11067	Stour and Orwell Estuaries	Ramsar	Ramsar Criterion 2 – Site contains seven nationally scarce plants: stiff saltmarsh-grass <i>Puccinellia rupestris</i> ; small cord-grass <i>Spartina maritima</i> ; perennial glasswort <i>Sarcocornia perennis</i> ; lax-flowered sea lavender <i>Limonium humile</i> ; and the eelgrasses <i>Zostera angustifolia</i> , <i>Z. marina</i> and <i>Z. noltei</i> . Contains five British Red Data Book invertebrates: the muscid fly <i>Phaonia fusca</i> ; the horsefly <i>Haematopota grandis</i> ; two spiders, <i>Arctosa fulvilineata</i> and <i>Baryphema duffeyi</i> ; and the Endangered swollen spire snail <i>Mercuria confusa</i> . Ramsar Criterion 5 – Site supports a winter population of 63,017 waterfowl. Ramsar Criterion 6 - Site supports a spring/autumn population of Common Redshank and overwintering populations of Dark-bellied Brent Goose, Northern Pintail, Grey Plover, Knot, Dunlin, Black-tailed Godwit and Common Redshank.
UK11068	Teesmouth & Cleveland Coast	Ramsar	Ramsar Criterion 5 – Site supports an internationally important assemblage for waterfowl species during the winter. Ramsar Criterion 6 - Site support a spring/autumn population of Common Redshank and an overwintering population of Knot.
UK11069	Thames Estuary & Marshes	Ramsar	Ramsar Criterion 2 - The site supports one endangered plant species and at least 14 nationally scarce plants of wetland habitats. The site also supports more than 20 British Red Data Book invertebrates. Ramsar Criterion 5 – Site supports a winter population of 45,118 waterfowl. Ramsar Criterion 6 - Site supports spring/autumn populations of Ringed Plover and Black-tailed Godwit and overwintering populations of Grey Plover, Knot, Dunlin and Common Redshank.
UK11070	Thanet Coast & Sandwich Bay	Ramsar	Ramsar Criterion 2 – Site supports 15 British Red Data Book wetland invertebrates. Ramsar Criterion 6 - Site supports an overwintering population of Ruddy Turnstone.
UK11071	The Swale	Ramsar	Ramsar Criterion 2 - The site supports nationally scarce plants and at least seven British Red data book invertebrates. Ramsar Criterion 5 – Site supports a winter population of 77,501 waterfowl. Ramsar Criterion 6 - Site supports a spring/autumn population of Common Redshank and overwintering populations

Site Reference	Site Name	Designation	Qualifying Features
			of Dark-bellied Brent Goose and Grey Plover. Species/populations identified subsequent to designation for possible future consideration under Criterion 6 include; a spring/autumn population of Ringed Plover and overwintering populations of Eurasian Wigeon, Northern Pintail, Northern Shoveler and Black-tailed Godwit.
UK11072	The Wash	Ramsar	<p>Ramsar Criterion 1 - The Wash is a large shallow bay comprising very extensive saltmarshes, major intertidal banks of sand and mud, shallow water and deep channels.</p> <p>Ramsar Criterion 3 - Qualifies because of the inter-relationship between its various components including saltmarshes, intertidal sand and mud flats and the estuarine waters.</p> <p>Ramsar Criterion 5 - Site supports a winter population of 292,541 waterfowl.</p> <p>Ramsar Criterion 6 – Site supports spring/autumn populations of Eurasian Oystercatcher, Grey Plover, Knot, Sanderling, Eurasian Curlew, Common Redshank, and Ruddy Turnstone and overwintering populations of Pink-footed Goose, Dark-bellied Brent Goose, Common Shelduck, Northern Pintail, Dunlin and Bar-tailed Godwit. Species/populations identified subsequent to designation for possible future consideration under Criterion 6 include; spring/autumn populations of Ringed Plover and Black-tailed Godwit and overwintering populations of European Golden Plover and Northern Lapwing.</p>
UK11077	Wicken Fen	Ramsar	<p>Ramsar Criterion 1 – Site contains one of the most outstanding remnants of the East Anglian peat fens.</p> <p>Ramsar Criterion 2 – The site supports one species of British Red Data Book plant, fen violet <i>Viola persicifolia</i>, which survives at only two other sites in Britain. It also contains eight nationally scarce plants and 121 British Red Data Book invertebrates.</p>
UK11078	Woodwalton Fen	Ramsar	<p>Ramsar Criterion 1 – The site is within an area that is one of the remaining parts of East Anglia which has not been drained. The fen is near natural and supports several types of open fen and swamp communities.</p> <p>Ramsar Criterion 2 – The site supports two species of British Red Data Book plants, fen violet <i>Viola persicifolia</i> and fen wood-rush <i>Luzula pallidula</i>. Woodwalton also supports a large number of wetland invertebrates including 20 British Red Data Book species. Aquatic beetles, flies and moths are particularly well represented.</p>
UK11083	Upper Nene Valley Gravel Pits	Ramsar	Ramsar Criterion 5: Regularly supports over 20,000 waterbirds. Ramsar Criterion 6: Wintering population of Mute Swan and Gadwall.

Table 2: The non-UK designated sites to be considered in relation to HRA screening

Site Reference	Site Name	Country	Type	Natura 2000 Site
BE2500831	Ijzervallei	Belgium	A	SPA
BEMNZ0004	Sbz 3 / Zps 3	Belgium	A	SPA
BE2300005	Bossen En Heiden Van Zandig Vlaanderen: Oostelijk Deel	Belgium	B	SAC
BE2500004	Bossen, Heiden En Valleigebieden Van Zandig Vlaanderen: Westelijk Deel	Belgium	B	SAC
BEMNZ0005	Vlakte Van De Raan	Belgium	B	SAC
BE2500003	Westvlaams Heuvelland	Belgium	B	SAC
BE32001A0	Vallée De La Lys (Comines-Warneton)	Belgium	H	SPA
BE32001B0	Vallée De La Lys (Comines-Warneton)	Belgium	I	SAC
BE2501033	Het Zwin	Belgium	J	SPA
BE2301134	Krekengebied	Belgium	J	SPA
BE2524317	Kustbroedvogels Te Zeebrugge-Heist	Belgium	J	SPA
BE2500932	Poldercomplex	Belgium	J	SPA
BEMNZ0002	Sbz 1 / Zps 1	Belgium	J	SPA
BEMNZ0003	Sbz 2 / Zps 2	Belgium	J	SPA
BE2500121	Westkust	Belgium	J	SPA
BE2500001	Duingebieden Inclusief Ijzermonding En Zwin.	Belgium	K	SAC
BE2500002	Polders	Belgium	K	SAC
BEMNZ0001	Uitbreiding Trapegeer-Stroombank	Belgium	K	SAC
DE1003301	Doggerbank	Germany	B	SAC
FR3110038	Estuaire De La Canche	France	A	SPA
FR3110083	Marais De Balançon	France	A	SPA
FR3110039	Platier D'oye	France	A	SPA
FR3100483	Coteau De Dannes Et De Camiers	France	B	SAC
FR3100488	Coteau De La Montagne D'acquain Et Pelouses Du Val De Lumbres	France	B	SAC
FR3100474	Dunes De La Plaine Maritime Flamande	France	B	SAC
FR3100482	Dunes De L'authie Et Mollieries De Berck	France	B	SAC
FR3100481	Dunes Et Marais Arriere-Littoraux De La Plaine Maritime Picarde	France	B	SAC
FR3100475	Dunes Flandriennes Decalcifiees De Ghyvelde	France	B	SAC
FR3100479	Falaises Et Dunes De Wimereux, Estuaire De La Slack, Garennes Et Communaux D'ambleteuse-Audresselles	France	B	SAC
FR3100477	Falaises Et Pelouses Du Cap Blanc Nez, Du Mont D'hubert, Des Noires Mottes, Du Fond De La Forge Et Du Mont De Couple	France	B	SAC
FR3100498	Foret De Tournehem Et Pelouses De La Cuesta Du Pays De Licques	France	B	SAC

Site Reference	Site Name	Country	Type	Natura 2000 Site
FR3100499	Forets De Desvres Et De Boulogne Et Bocage Prairial Humide Du Bas-Boulonnais	France	B	SAC
FR3100491	Landes, Mares Et Bois Acides Du Plateau De Sorrow Saint Josse, Prairies Alluviales Et Bois Tourbeux En Aval De Montreuil	France	B	SAC
FR2200347	Marais Arriere-Littoraux Picards	France	B	SAC
FR3102001	Marais De La Grenouillère	France	B	SAC
FR3100484	Pelouses Et Bois Neutrocalcicoles De La Cuesta Sud Du Boulonnais	France	B	SAC
FR3100485	Pelouses Et Bois Neutrocalcicoles Des Cuestas Du Boulonnais Et Du Pays De Licques Et Foret De Guines	France	B	SAC
FR3100487	Pelouses, Bois Acides A Neutrocalcicoles, Landes Nord-Atlantiques Du Plateau D'helfaut Et Systeme Alluvial De La Moyenne Vallee De L'aa	France	B	SAC
FR3100489	Pelouses, Bois, Forets Neutrocalcicoles Et Systeme Alluvial De La Moyenne Vallee De L'authie	France	B	SAC
FR3100494	Prairies Et Marais Tourbeux De Guines	France	B	SAC
FR3100492	Prairies Et Marais Tourbeux De La Basse Vallee De L'authie	France	B	SAC
FR3102004	Ridens Et Dunes Hydrauliques Du Detroit Du Pas-De-Calais	France	B	SAC
FR3112006	Bancs Des Flandres*	France	F	SPA
FR3110085	Cap Gris-Nez	France	F	SPA
FR3102002	Bancs Des Flandres*	France	G	SAC
FR3100495	Prairies, Marais Tourbeux, Forets Et Bois De La Cuvette Audomaroise Et De Ses Versants	France	G	SAC
FR3102003	Recifs Gris-Nez Blanc-Nez	France	G	SAC
FR3112004	Dunes De Merlimont	France	J	SPA
FR2210068	Estuaires Picards : Baie De Somme Et D'authie	France	J	SPA
FR2212003	Marais Arrière-Littoraux Picards	France	J	SPA
FR3112003	Marais Audomarois	France	J	SPA
FR3102005	Baie De Canche Et Couloir Des Trois Estuaires	France	K	SAC
FR3100480	Estuaire De La Canche, Dunes Picardes Plaquees Sur L'ancienne Falaise, Foret D'hardelot Et Falaise D'equihen	France	K	SAC
FR2200346	Estuaires Et Littoral Picards (Baies De Somme Et D'authie)	France	K	SAC
FR3100478	Falaises Du Cran Aux Oeufs Et Du Cap Gris-Nez, Dunes Du Chatelet, Marais De Tardinghen Et Dunes De Wissant	France	K	SAC
FR2200348	Vallee De L'authie	France	K	SAC
NL2009162	Abtskolk & De Putten	Netherlands	A	SPA
NL1000030	Coepelduynen	Netherlands	B	SAC
NL2008001	Doggersbank	Netherlands	B	SAC

Site Reference	Site Name	Country	Type	Natura 2000 Site
NL2003019	Groote Gat	Netherlands	B	SAC
NL1000012	Kennemerland-Zuid	Netherlands	B	SAC
NL2008002	Klaverbank	Netherlands	B	SAC
NL1000013	Meijendel En Berkheide	Netherlands	B	SAC
NL9802025	Veerse Meer	Netherlands	D	SAC & Ramsar
NL1000009	Duinen Den Helder - Callantsoog	Netherlands	E	SAC
NL1000010	Duinen Schoorl	Netherlands	E	SAC
NL9801080	Noordhollands Duinreservaat	Netherlands	E	SAC
NL1000016	Solleveld	Netherlands	E	SAC
NL2008003	Vlakte Van De Raan	Netherlands	E	SAC
NL1000014	Westduinpark En Wapendal	Netherlands	E	SAC
NL3009018	Zwin	Netherlands	F	SPA
NL2003062	Noordzeekustzone	Netherlands	G	SAC
NL3000027	Zwin	Netherlands	G	SAC
NL9802021	Grevelingen	Netherlands	H	SPA & Ramsar
NL9802018	Haringvliet	Netherlands	H	SPA & Ramsar
NL3009016	Oosterschelde	Netherlands	H	SPA & Ramsar
NL9802017	Voordelta	Netherlands	H	SPA & Ramsar
NL2002017	Voornes Duin	Netherlands	H	SPA & Ramsar
NL9802026	Westerschelde & Saeftinghe	Netherlands	H	SPA & Ramsar
NL9910002	Zwanenwater	Netherlands	H	SPA & Ramsar
NL3000016	Duinen Zwanenwater En Pettemerduinen	Netherlands	I	SAC
NL4000021	Grevelingen	Netherlands	I	SAC
NL1000015	Haringvliet	Netherlands	I	SAC
NL1000018	Oosterschelde	Netherlands	I	SAC
NL4000017	Voordelta	Netherlands	I	SAC
NL9803077	Voornes Duin	Netherlands	I	SAC
NL9803061	Westerschelde	Netherlands	I	SAC

Site Reference	Site Name	Country	Type	Natura 2000 Site
NL2000006	Kwade Hoek	Netherlands	J	SPA
NL9802001	Noordzeekustzone	Netherlands	J	SPA
NL9801079	Duinen Goeree	Netherlands	K	SAC
NL1000017	Kop Van Schouwen	Netherlands	K	SAC
NL1000020	Manteling Van Walcheren	Netherlands	K	SAC
NL2008004	Noordzeekustzone li	Netherlands	K	SAC

* These sites were not found on the Natura 2000 website (<http://www.eea.europa.eu/>) but we have assumed the designated conservation sites using the type codes.

4 References

David Tyldesley and Associates 2009. Revised Draft Guidance, The Habitats Regulations Assessment of Local Development Documents. Report for Natural England, February 2009.

David Tyldesley and Associates, 2012. Habitats Regulations Appraisal of Plans. Guidance for Plan-making Bodies in Scotland Version 2.0, August 2012 SNH Ref 1739

European Commission 2001, Assessment of plans and projects significantly affecting Natura 2000 sites

Marine Management Organisation. 2012 East of England Marine Plans Habitats Regulations Assessment Pre-Screening European Sites Information (*Final Draft for Consultation*). Report Prepared by ABP Marine Environmental Research, Hartley Anderson and Hyder Consulting (UK) Ltd Report 003-UA003460-UE21R-04 24 February 2012

Marine Management Organisation. 2013a (this report) East of England Marine Plans Habitats Regulations Appraisal - Pre-Screening Report. Report Prepared by ABP Marine Environmental Research, Hartley Anderson and Hyder Consulting (UK) Ltd ABPmer Report No.R.2020a. March 2013

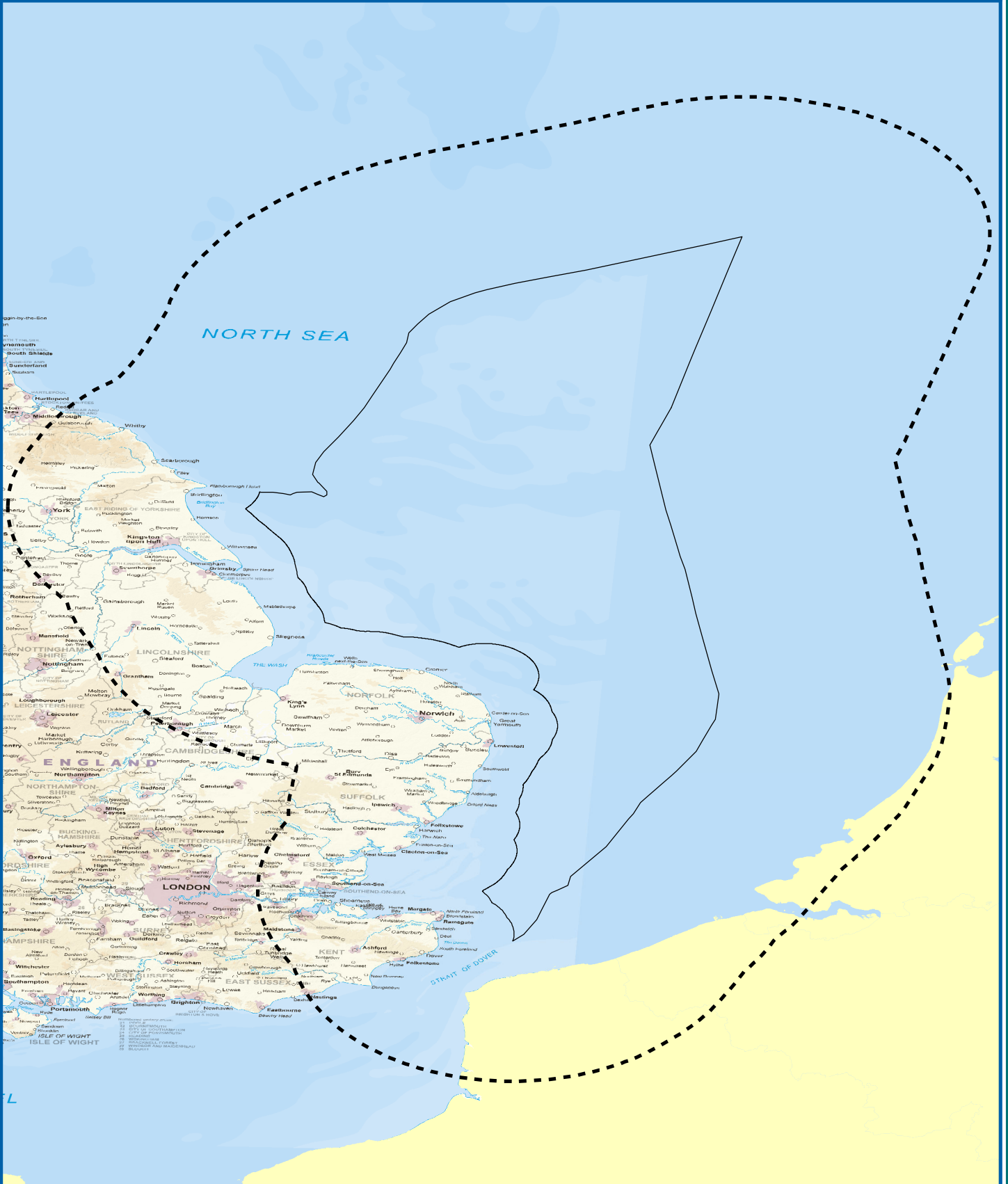
Marine Management Organisation. 2013b. East of England Marine Plans Habitats Regulations Appraisal - Screening Report. Report Prepared by ABP Marine Environmental Research, Hartley Anderson and Hyder Consulting (UK) Ltd ABPmer Report No.R.2020b. March 2013



Marine Management Organisation. 2013c East of England Marine Plans Habitats Regulations Appraisal - Appropriate Assessment Information Review. Report Prepared by ABP Marine Environmental Research, Hartley Anderson and Hyder Consulting (UK) Ltd ABPmer Report No.R.2020c. March 2013

Marine Management Organisation. 2013d. Habitats Regulations Appraisal of Draft East marine plans in English Waters: Appropriate Assessment March 2013

5 Figures

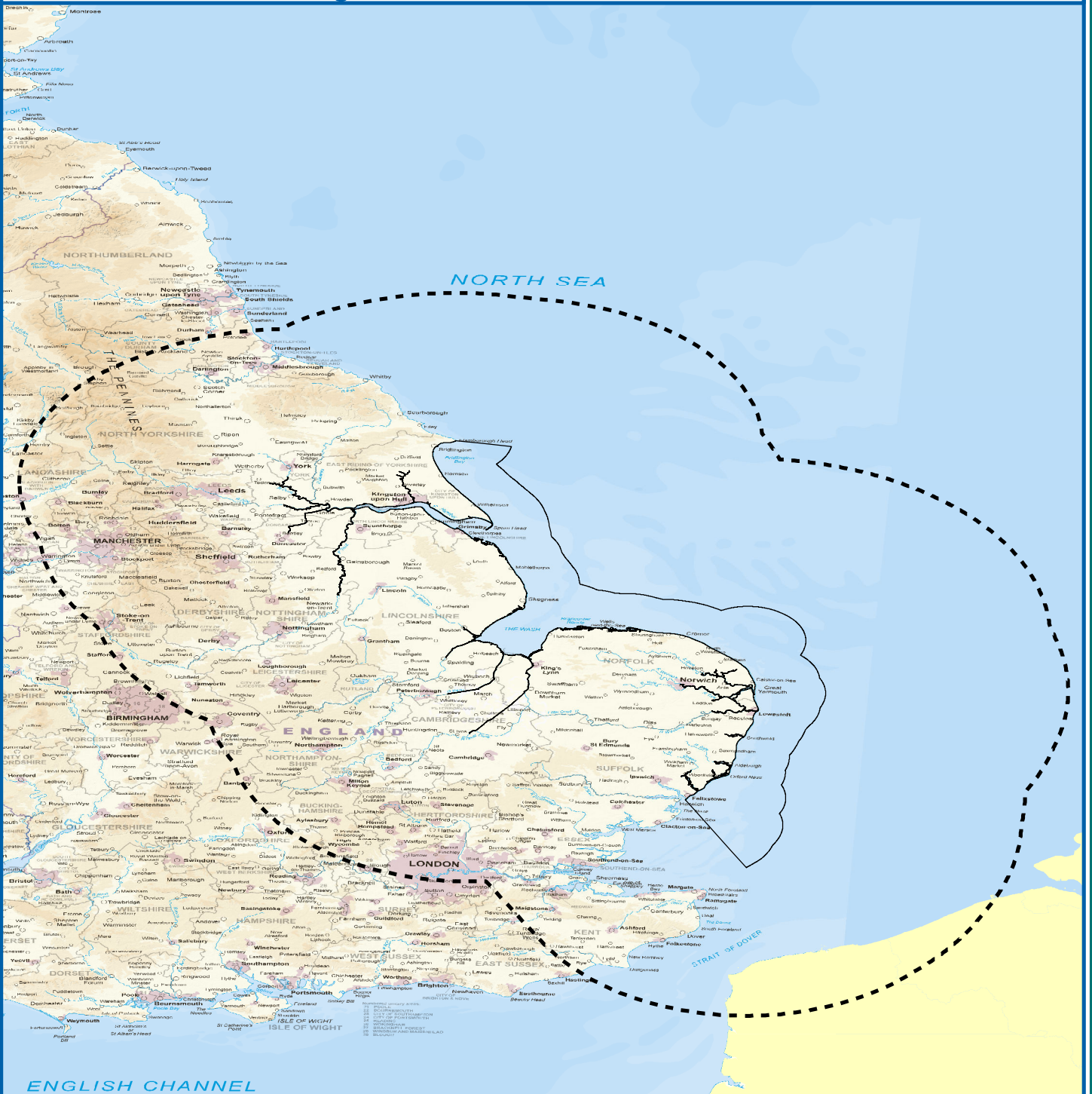
Figure 1: East Offshore Marine Plan Area Showing 100km Buffer Zone for Pre-Screening





 100km HRA Screening Zone
 East Offshore Marine Plan Area

©Crown Copyright and database right 2012.
 ©British Crown, NERC and SeaZone Solutions Ltd.
 All rights reserved. [SZ042010.001]
 All rights reserved. Ordnance Survey Licence No. 100049981
 VLIZ (2011) Maritime Boundaries Geodatabase, version 5.
 ©Crown copyright. All rights reserved. English Nature, 100017954,
 Joint Nature Conservation Committee Support Co, 100017955 [2012].
 © Crown copyright. ABPmer 2013

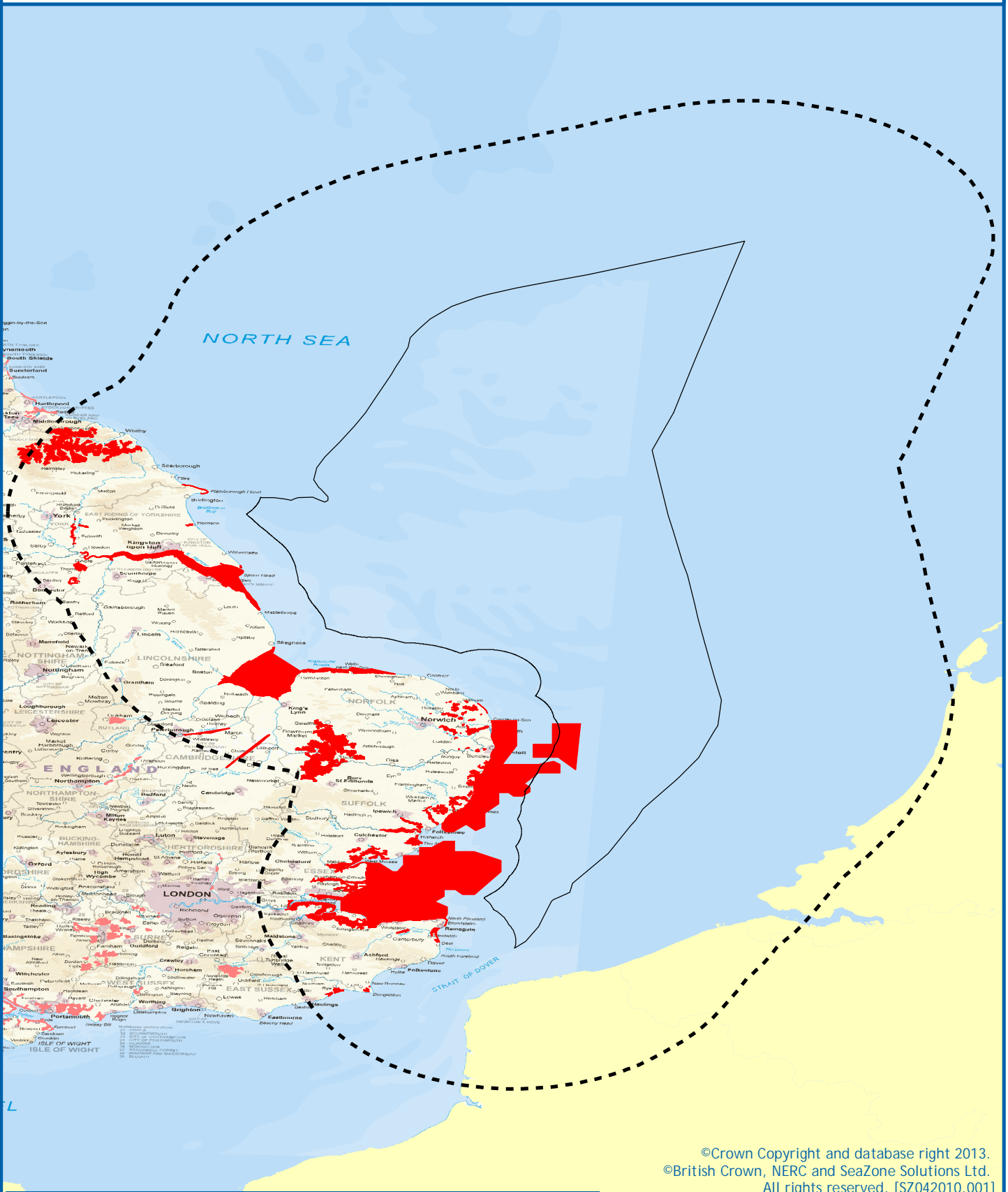
Figure 2: East Inshore Marine Plan Area Showing 100km Buffer Zone for Pre-Screening







 100km HRA Screening Zone
 East Inshore Marine Plan Area

©Crown Copyright and database right 2013.
 ©British Crown, NERC and SeaZone Solutions Ltd.
 All rights reserved. [SZ042010.001]
 All rights reserved. Ordnance Survey Licence No. 100049981
 VLIZ (2011) Maritime Boundaries Geodatabase, version 5.
 ©Crown copyright. All rights reserved. English Nature, 100017954,
 Joint Nature Conservation Committee Support Co, 100017955 [2012].
 © Crown copyright. ABPmer 2013

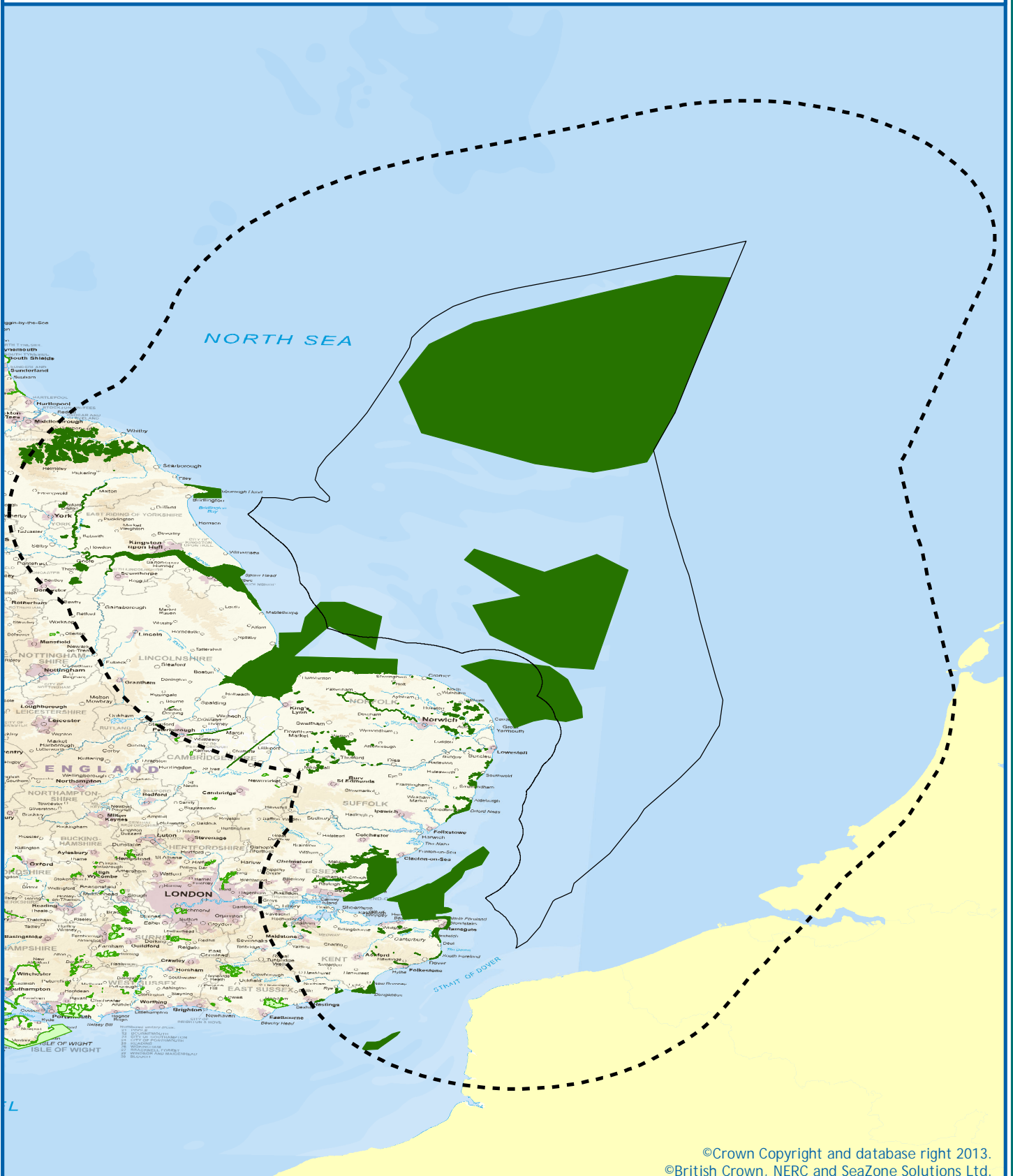
Figure 3a: Location of All Designated UK SPA Sites Within And Surrounding The East Offshore Marine Plan Area







-  100km HRA Screening Zone
-  East Offshore Marine Plan Area
-  Special Protection Area
-  Special Protection Areas Outside the 100km Zone

©Crown Copyright and database right 2013.
 ©British Crown, NERC and SeaZone Solutions Ltd.
 All rights reserved. [SZ042010.001]
 All rights reserved. Ordnance Survey Licence
 No. 100049981. VLIZ (2011) Maritime Boundaries
 Geodatabase, version 5.
 ©Crown copyright. All rights reserved.
 English Nature, 100017954,
 Joint Nature Conservation Committee Support Co,
 100017955 [2012].
 © Crown copyright. ABPmer 2013

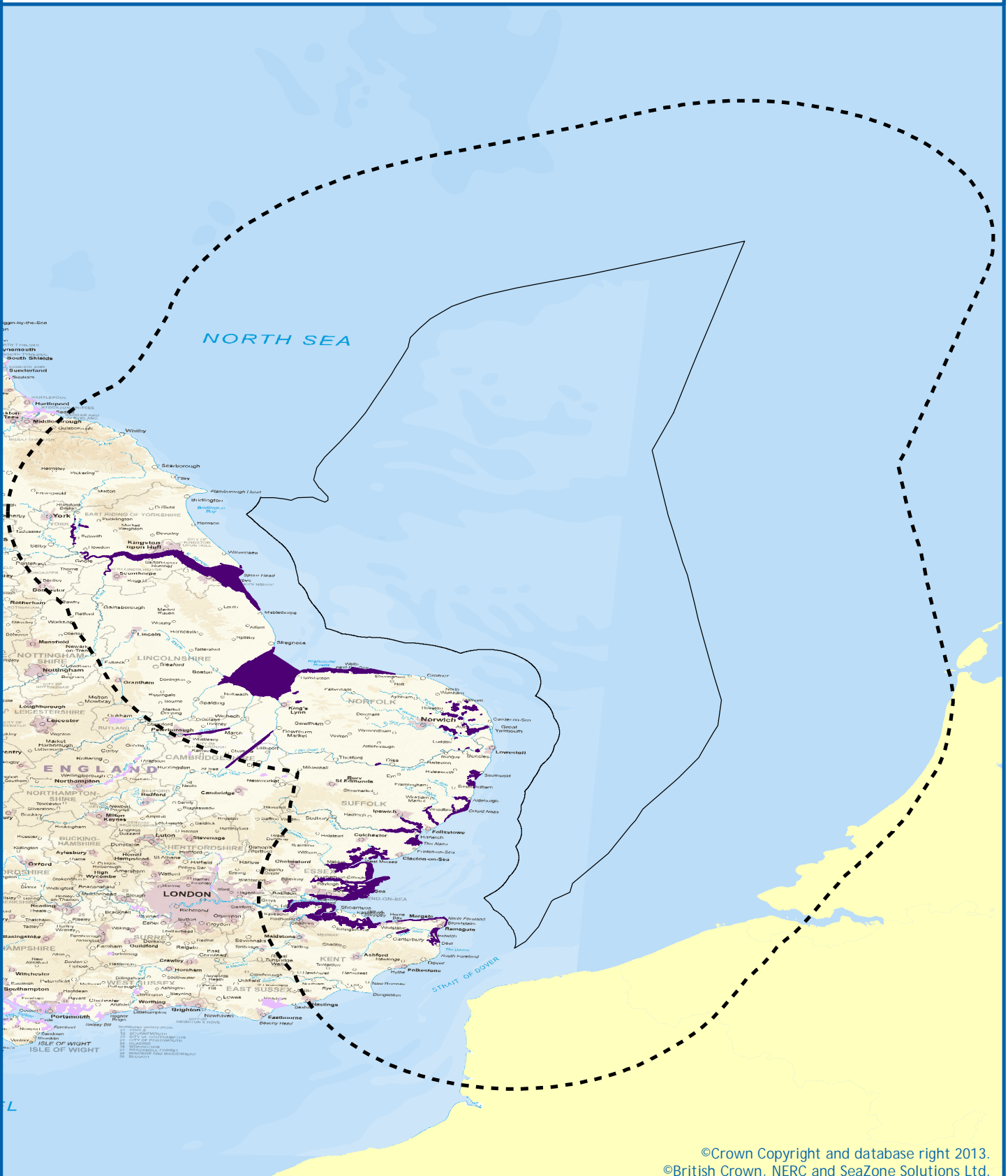
Figure 3b: Location of All Designated UK SAC Sites Within And Surrounding The East Offshore Marine Plan Area







-  100km HRA Screening Zone
-  East Offshore Marine Plan Area
-  Special Areas of Conservation
-  Special Areas of Conservation Outside the 100km Zone

©Crown Copyright and database right 2013.
 ©British Crown, NERC and SeaZone Solutions Ltd.
 All rights reserved. [SZ042010.001]
 All rights reserved. Ordnance Survey Licence No. 100049981. VLIZ (2011) Maritime Boundaries Geodatabase, version 5.
 ©Crown copyright. All rights reserved.
 English Nature, 100017954,
 Joint Nature Conservation Committee Support Co, 100017955 [2012].
 © Crown copyright. ABPmer 2013

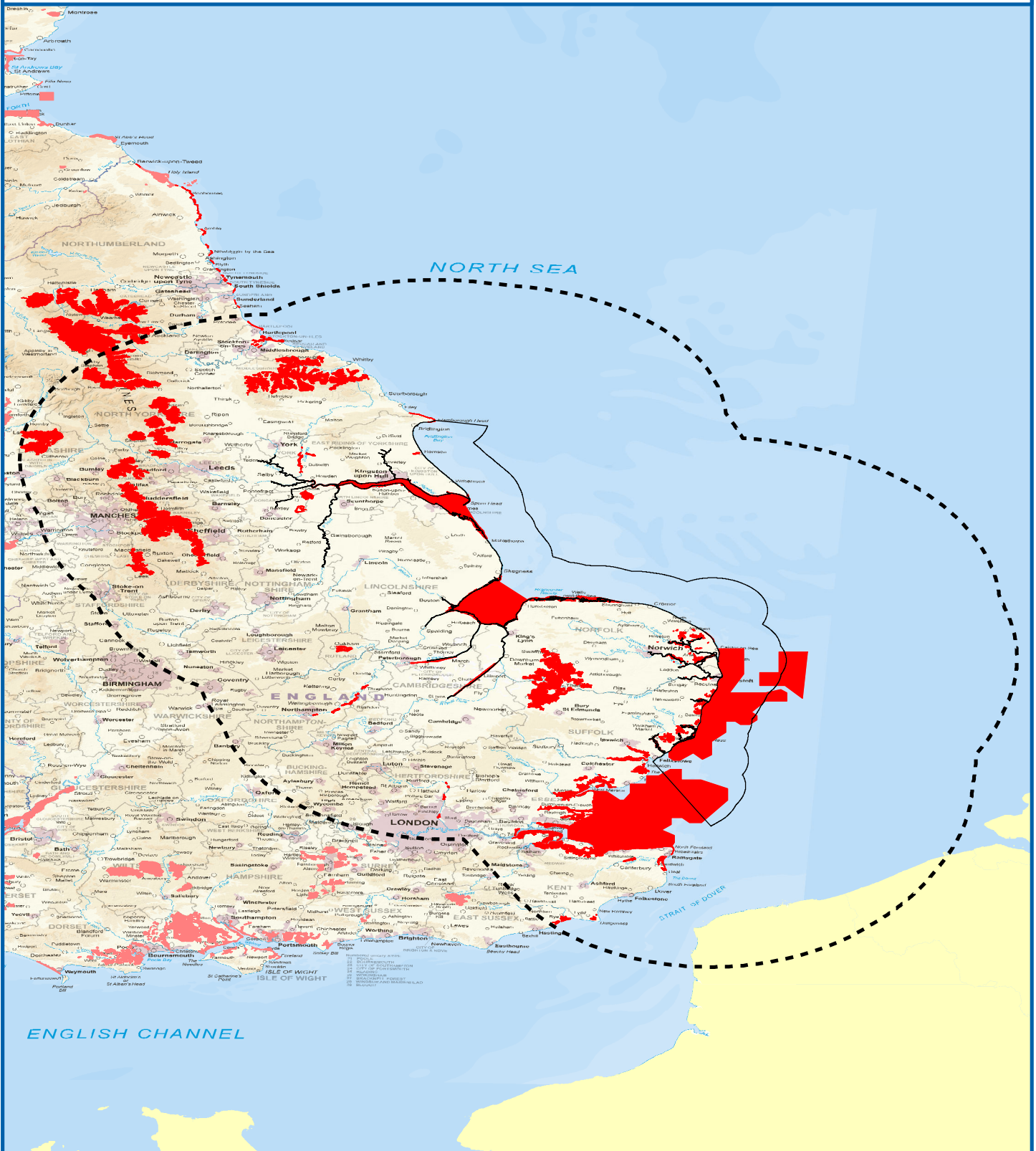
Figure 3c: Location of All Designated UK Ramsar Sites Within And Surrounding The East Offshore Marine Plan Area







-  100km HRA Screening Zone
-  East Offshore Marine Plan Area
-  Ramsar
-  Ramsar Outside the 100km Zone

©Crown Copyright and database right 2013.
 ©British Crown, NERC and SeaZone Solutions Ltd.
 All rights reserved. [SZ042010.001]
 All rights reserved. Ordnance Survey Licence
 No. 100049981. VLIZ (2011) Maritime Boundaries
 Geodatabase, version 5.
 ©Crown copyright. All rights reserved.
 English Nature, 100017954,
 Joint Nature Conservation Committee
 Support Co, 100017955 [2012].
 © Crown copyright. ABPmer 2013

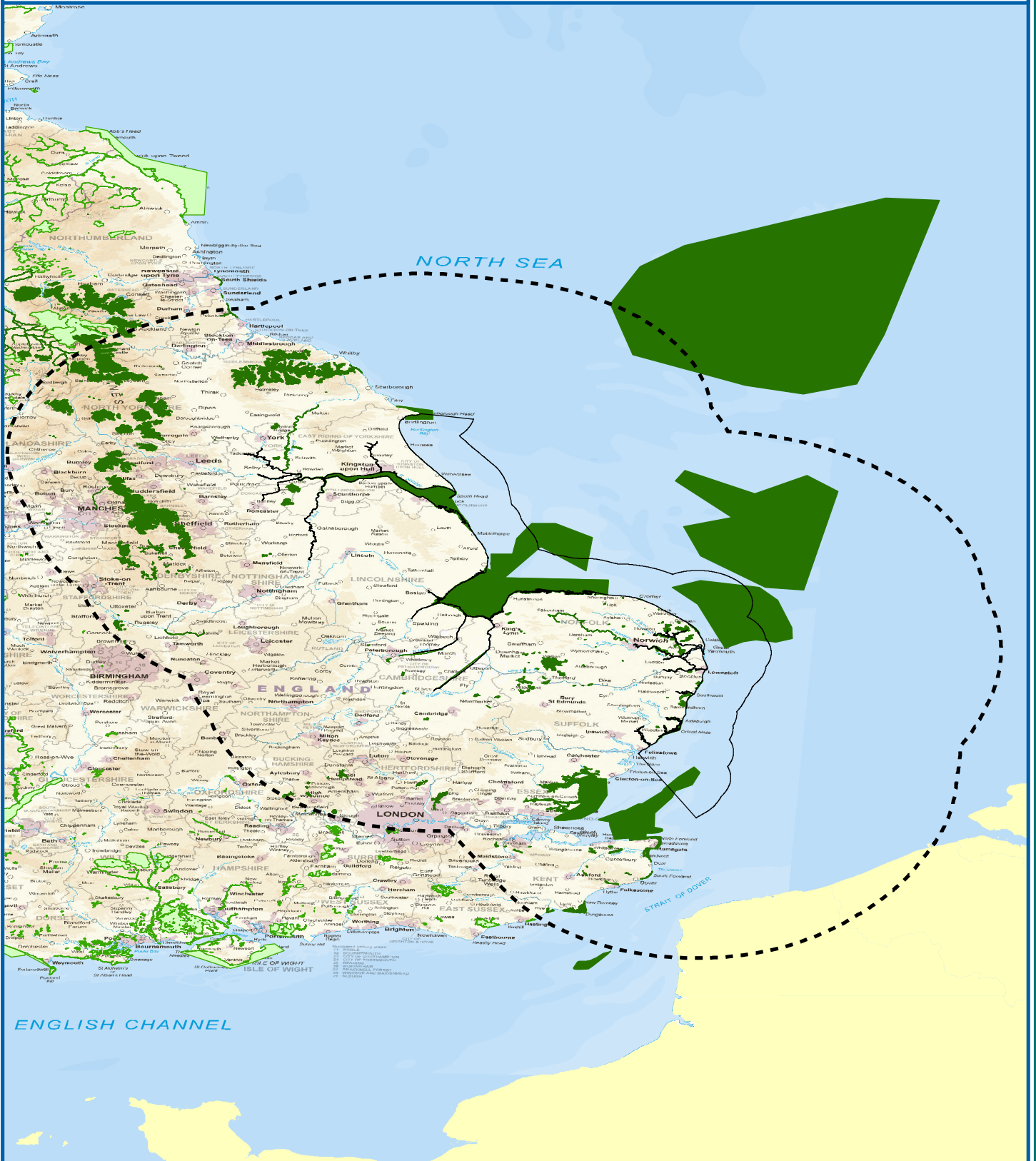
Figure 4a: Location of All Designated UK SPA Sites Within And Surrounding The East Inshore Marine Plan Area







-  100km HRA Screening Zone
-  East Inshore Marine Plan Area
-  Special Protection Area
-  Special Protection Areas Outside the 100km Zone

©Crown Copyright and database right 2013.
 ©British Crown, NERC and SeaZone Solutions Ltd.
 All rights reserved. [SZ042010.001]
 All rights reserved. Ordnance Survey Licence
 No. 100049981. VLIZ (2011) Maritime Boundaries
 Geodatabase, version 5.
 ©Crown copyright. All rights reserved.
 English Nature, 100017954,
 Joint Nature Conservation Committee
 Support Co, 100017955 [2012].
 © Crown copyright. ABPmer 2013

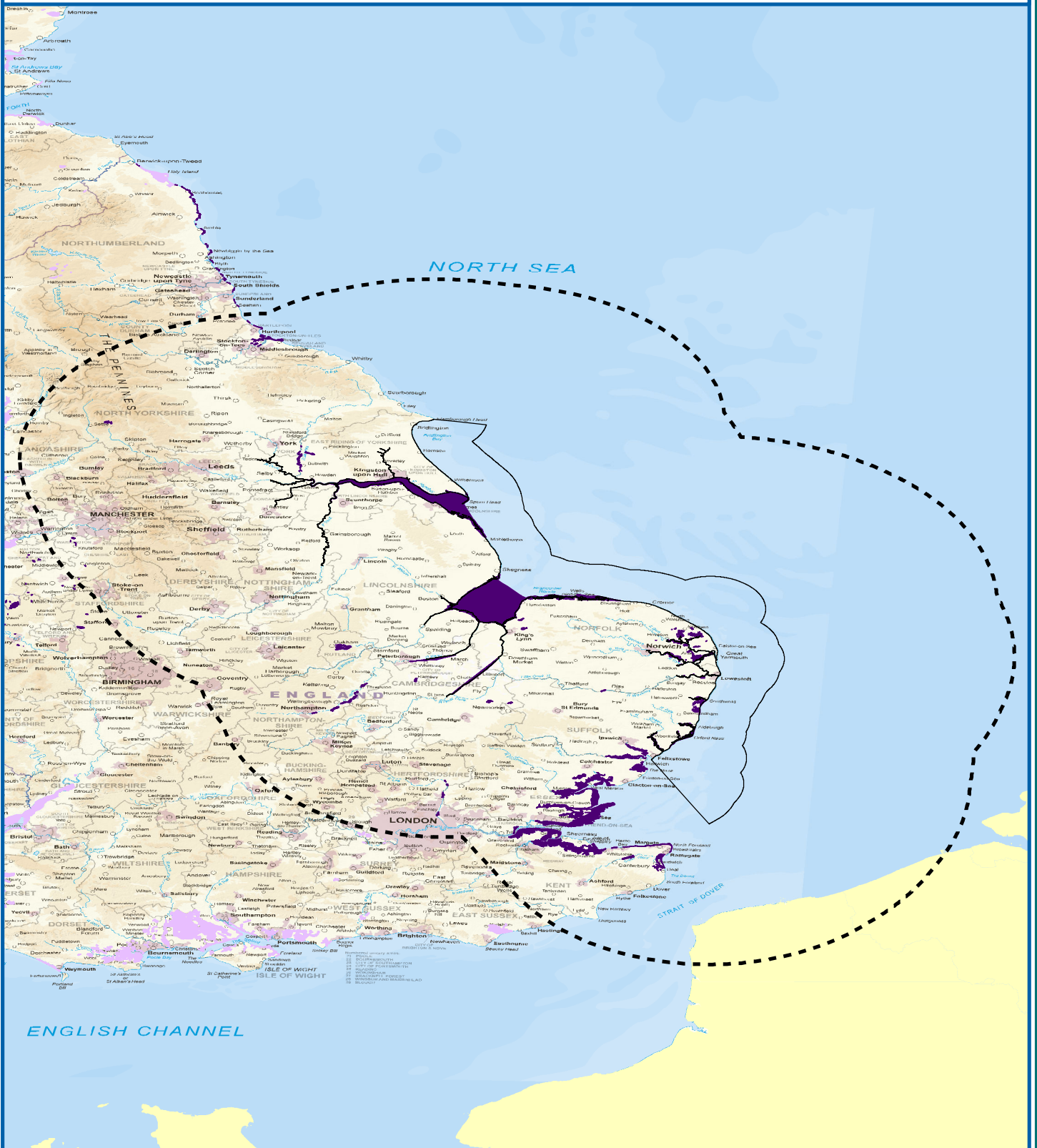
Figure 4b: Location of All Designated UK SAC Sites Within And Surrounding The East Inshore Marine Plan Area







-  100km HRA Screening Zone
-  East Inshore Marine Plan Area
-  Special Areas of Conservation
-  Special Areas of Conservation Outside the 100km Zone

©Crown Copyright and database right 2013.
 ©British Crown, NERC and SeaZone Solutions Ltd.
 All rights reserved. [SZ042010.001]
 All rights reserved. Ordnance Survey Licence
 No. 100049981. VLIZ (2011) Maritime Boundaries
 Geodatabase, version 5.
 ©Crown copyright. All rights reserved.
 English Nature, 100017954,
 Joint Nature Conservation Committee
 Support Co, 100017955 [2012].
 © Crown copyright. ABPmer 2013

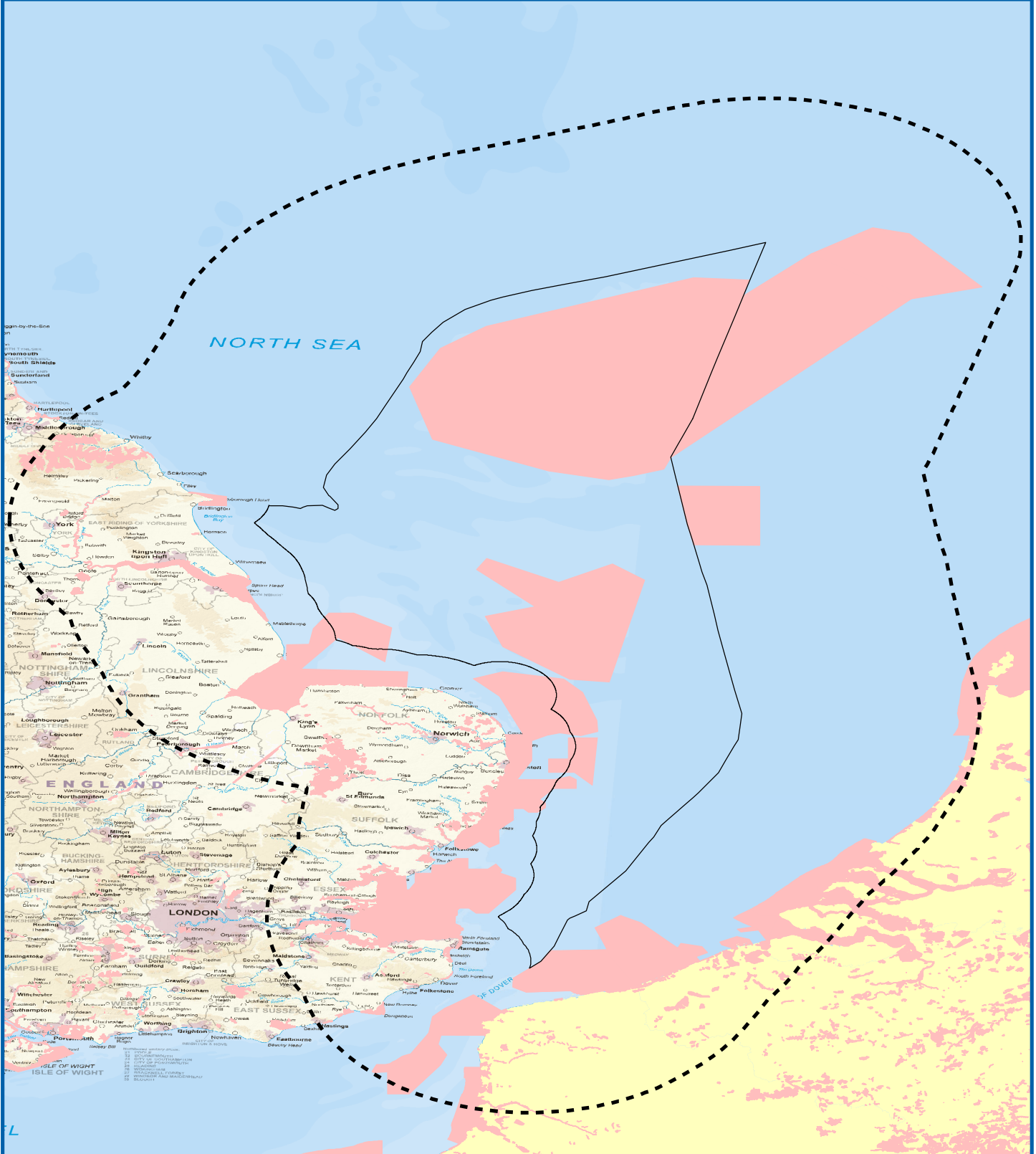
Figure 4c: Location of All Designated UK Ramsar Sites Within And Surrounding The East Inshore Marine Plan Area




-  100km HRA Screening Zone
-  East Inshore Marine Plan Area
-  Ramsar
-  Ramsar Outside the 100km Zone

©Crown Copyright and database right 2013.
 ©British Crown, NERC and SeaZone Solutions Ltd.
 All rights reserved. [SZ042010.001]
 All rights reserved. Ordnance Survey Licence
 No. 100049981. VLIZ (2011) Maritime Boundaries
 Geodatabase, version 5.
 ©Crown copyright. All rights reserved.
 English Nature, 100017954,
 Joint Nature Conservation Committee
 Support Co, 100017955 [2012].
 © Crown copyright. ABPmer 2013

Figure 5: East Offshore Marine Plan Area Showing 100km Buffer Zone And Transnational Sites For Pre-screening



-  100km HRA Screening Zone
-  East Offshore Marine Plan Area
-  EU Natura 2000 Sites (inc. UK cSACs)

© Crown Copyright and database right 2013.
All rights reserved.
Ordnance Survey Licence No. 100049981
VLIZ (2011) Maritime Boundaries Geodatabase, version 5.
© British Crown, NERC and SeaZone Solutions Limited,
2005, [SZ 042010.001] All Rights Reserved
© Crown copyright. All rights reserved. English Nature, 100017954,
Scottish Natural Heritage, 100017908, Countryside Council
for Wales, 100018813, Northern Ireland Environment Agency,
Joint Nature Conservation Committee Support Co, 100017955 [2011].
© Crown copyright. ABPmer 2013