

Growth & Innovation in the Ocean Economy: North Sea Checkpoint

Data Adequacy Report - Marine Protected Areas



Document information

Document permissions	Confidential - client
Project number	DLS0342
Project name	Growth & Innovation in the Ocean Economy: North Sea Checkpoint
Report title	Data Adequacy Report - Marine Protected Areas
Report number	RT006
Release number	R02-00
Report date	August 2015
Client	European Commission DG MARE
Client representative	Iain Shepherd
Project manager	Marie Pendle
Project director	Quillon Harpham

Document history

Date	Release	Prepared	Approved	Authorised	Notes
07 Aug 2015	02-00	MEP	MPN	QKH	Updates following client comments
01 May 2015	01-00	MEP	MPN	GBS	

Document authorisation

Prepared



Approved



Authorised



© HR Wallingford Ltd

This report has been prepared for HR Wallingford's client and not for any other person. Only our client should rely upon the contents of this report and any methods or results which are contained within it and then only for the purposes for which the report was originally prepared. We accept no liability for any loss or damage suffered by any person who has relied on the contents of this report, other than our client.

This report may contain material or information obtained from other people. We accept no liability for any loss or damage suffered by any person, including our client, as a result of any error or inaccuracy in third party material or information which is included within this report.

To the extent that this report contains information or material which is the output of general research it should not be relied upon by any person, including our client, for a specific purpose. If you are not HR Wallingford's client and you wish to use the information or material in this report for a specific purpose, you should contact us for advice.

Executive Summary

This document summarises the findings of the Marine Protected Areas challenge, conducted as part of the North Sea Checkpoint project (NSCP). This is the second of the project challenges to be completed.

This report is the sixth deliverable to DG Mare under the North Sea Check Point project (Growth and Innovation in the Ocean Economy – Gaps and Priorities in sea basin and observation data MARE/2012/11: North Sea) contract reference SI2.658142. The work for this Marine Protected Areas (MPA) Challenge was undertaken by MacAlister Elliot & Partners (MEP). This document is the second Data Adequacy Report (DAR) presenting the findings for a completed challenge.

Points for EMODnet

Bathymetry portal - If more complex larval connectivity analyses were to be conducted by a marine user, bathymetry datasets may prove to be very useful when modelling larval movement over certain ocean features.

Seabed Habitats portal - Datasets in this portal were useful the MPA Challenge. The broad scale habitats dataset (EUSeaMap) was downloaded for use in the 'Features and Representivity' aspect of the Challenge (see Section 5.1.2). The OSPAR habitat data set is also available for download from this portal. Both datasets were selected for use as they allowed full (albeit coarse) coverage of the North Sea basin.

- The EUSeaMap predictive habitat map did not fully cover the extent of the study area, whereas the OSPAR dataset did.
- The types of habitats represented are different: The EUSeaMap data set is based on EUNIS habitat classification and OSPAR has its own habitat classification
- The resulting 'Features and Representivity' statistics differed depending on the dataset. The majority of the OSPAR threatened and/or declining habitats were well represented within the MPA network, all having a significant number of replicates in MPAs, whereas the EUNIS habitats showed a more mixed picture. Many of the named habitats without a EUNIS code were bathyal (c. 1000-4000 meters depth) or deep sea habitats located around the coast of Norway or north of Shetland/Orkney, which are areas with relatively poor MPA coverage.

Biology portal - Generally, the data sets provided by the Biology Portal relate to data collected over short time periods or in relation to specific species in target locations, which was not useful for basin-wide analysis. Species distribution datasets were not at a useful level of detail for the MPA analysis. The species distribution datasets display the whole species range, and although some datasets are available for some species listed under Annex I and II and OSPAR, mapping their general range overlap with MPA distribution is too coarse a scale. More pertinently, not all species featured in the North Sea MPA network have datasets. Therefore, the type of dataset that would have been useful for this challenge would have been a spatial data layer file, containing point data of the locations of Annex I and II and OSPAR species listed in North Sea MPAs. This would allow a marine user to easily identify to what extent the MPA network might protected these species. Most data is point occurrence, without consideration of species movements, even when seasonal distributions are known to alter.

Points for EMODnet

Human Activities portal - This provides a very useful data service for marine users wanting to get a general idea of the size of the North Sea MPA network. Some improvements could be made to variety of fisheries datasets that are available through this Portal. Data on fishing catches is useful, but in the context of MPAs, a more useful dataset for the future might be a data layer of seabed impact and/or fishing effort by various fishing gears. We acknowledge that this portal is still at an early state and has not yet fully populated its data catalogue.

Contents

Executive Summary

1. Introduction	1
2. Aim	1
3. Context	2
3.1. Data gathering	4
3.2. Data analysis	4
3.3. Data adequacy assessment	7
4. Data	7
5. Results	14
5.1. Challenge output	14
5.1.1. Introduction	14
5.1.2. Analysis	14
5.1.3. Outcome	21
5.2. Data Adequacy	22
5.2.1. Contribution – Does the data contain the right parameters?	23
5.2.2. Location – Does the data cover the correct time / space location?	24
5.2.3. Commercial – Are the commercial terms acceptable?	25
5.2.4. Attributes – Does the data have the correct attributes?	25
5.2.5. Delivery - Can the data be provided to match the timeframe of the challenge?	26
5.2.6. Usability – Is the data format and supporting information suitable?	26
5.3. Key Data Gaps	27
5.4. Country MPA Information Points	28
6. Discussion and Conclusions	30
6.1. Discussion	30
6.2. Conclusions	31
7. References	32
Appendices	33
A. List of organisations contacted	
B. GeoDatabase metadata export	
C. Data Assessment	
D. Results of the fine filter replication and representation tests for habitats in the North Sea MPA Network	
E. Figures	
Tables	
Table 4.1: Datasets considered suitable in the marine protected areas challenge	8
Table 4.2: Datasets used in the marine protected areas challenge	10

Table 5.1: Datasets considered suitable in the marine protected areas challenge	22
---	----

1. Introduction

This report is the sixth deliverable to DG Mare under the North Sea Check Point project (Growth and Innovation in the Ocean Economy – Gaps and Priorities in sea basin and observation data MARE/2012/11: North Sea) contract reference SI2.658142. The work for this Marine Protected Areas (MPA) Challenge was undertaken by MacAlister Elliot & Partners (MEP). This document is the second Data Adequacy Report (DAR) presenting the findings for a completed challenge.

The Marine Protected Areas Challenge has addressed the stages of work required for a desk-based assessment to analyse the existing European (and Norwegian) network of marine protected areas, both for national and international sites, and to determine whether the network constitutes a representative and coherent network as described in article 13 in the Marine Strategy Framework Directive¹. The assessment was made using publically available data or data provided upon request to national and international authorities.

All data gathered have been recorded in the data adequacy assessment database, providing a searchable record of each of the datasets reviewed for specific challenges. Although each of the challenges requires some form of technical analysis to be produced (in this case, one aspect is to produce statistics quantifying how ecologically connected MPAs are to each other), it is the process of data gathering, data appraising and final selection of datasets to undertake that analysis which is the most important aspect informing the overall objectives of the North Sea Checkpoint project.

In this context, the technical analysis presented here is a direct representation of the data available to a marine data user, who might wish to produce the outputs presented in this challenge, such as ecological statistics and Geographical Information System (GIS) maps.

2. Aim

The primary aim of the MPA challenge is to assess whether the data currently available from national and international organisations spanning the 8 focus countries in the North Sea are appropriate to determine whether the MPA network constitutes a representative and coherent network as described in article 13 of the Marine Strategy Framework Directive¹.

It was intended that the network of MPAs in the North Sea was analysed in terms of OSPAR's guidelines. As such, the main aims as specified in the project brief are as follows:

- **GeoDatabase.** Create a database designed to allow the creation of GIS outputs and the calculation of statistics. The database should show the following information for the North Sea MPA network:
 - Geographic locations (latitude and longitude) and sizes (km²) of MPAs.
 - Features of each MPA (Habitat Directive Annex I & II habitats and species, and OSPAR list of threatened and List of Threatened and/or Declining Species and Habitats).
 - Management of each site (i.e. designation status, fishing restrictions etc.).

¹ Marine Strategy Framework Directive: <http://eur-lex.europa.eu/legal-content/EN/TXT/HTML/?uri=CELEX:32008L0056&from=EN> [Accessed: 14.04.2015].

- **Statistics & analysis.** Analyse the North Sea MPA network for ecological coherence in terms of the OSPAR guidelines²:
 - Features and Representivity: calculate how represented a particular feature (species or habitat) is in the network (i.e. how many times intertidal mudflat habitat appears in the North Sea MPA network).
 - Resilience: calculate the overall size of the North Sea MPA network and the proportion of each feature protected within the boundaries of each site.
 - Connectivity: using proximity as a proxy for connectivity, calculate how closely connected particular features are to each other in neighbouring MPAs.
 - Management: review the marine management for the study area to determine if the MPA network operates as part of a wider management structure.
- **GIS outputs.** Create GIS outputs from the database, including:
 - An interactive webmap, displaying all designated MPAs in the project area. Users should be able to click on a specific MPA to discover information about that site, such as that entered into the database.
 - Broad-scale overview GIS maps, highlighting MPAs from different countries in the project area.
 - Broad-scale overview GIS maps displaying the connectivity analysis.
- **Data adequacy.** Assess how well Aims 1-3 have been met based on the quality and availability of the data, analysed by the Data Screen Excel sheet (Appendix C), specific to the MPA challenge.

3. Context

European Union countries are currently implementing a network of Marine Protected Areas (MPAs) both in territorial and international waters. Norway is also implementing its own MPA network, as well as contributing to international MPA networks such as OSPAR. These networks are the combined result of ad hoc designation of protected areas for specific conservation requirements and a more structured effort in line with international, EU and national obligations.

International obligations include establishing a representative network of MPAs by 2012 (World Summit on Sustainable Development and Convention on Biological Diversity (CBD)) and an agreement between HELCOM and OSPAR to create a joint network, ecologically coherent with the Natura 2000 network by 2012. By 2016, this network should be well managed (OSPAR, 2013).

The EU has a number of directives including the Habitats Directive (92/43/EEC), Birds Directive (2009/147/EC) and Marine Strategy Framework Directive (2008/56/EC) that require the designation of MPAs in line with the 2012 CBD commitments.

² Since OSPAR's 2006 paper 'Guidance on developing an ecologically coherent network of OSPAR marine protected areas' (Ref number 2006-3), the way users have analysed ecological coherence has moved on from the simple 5 criteria.

The Marine Strategy Framework Directive states that:

'Programmes of measures established pursuant to this Article shall include spatial protection measures, contributing to coherent and representative networks of marine protected areas, adequately covering the diversity of the constituent ecosystems, such as special areas of conservation pursuant to the Habitats Directive, special protection areas pursuant to the Birds Directive, and marine protected areas as agreed by the Community or Member States concerned in the framework of international or regional agreements to which they are parties.'

This ambitious Directive aims to achieve Good Environmental Status (GES) of the EU's marine waters by 2020 and to protect the resource base upon which marine-related economic and social activities depend (EC, 2015).

This challenge is concerned largely with the term 'ecologically coherent' which is a principle also used in the European Directives and OSPAR literature. Although it has not been officially defined it is a principle that is now often used in MPA policy (Ardron, 2008). Increased focus has recently been directed at defining ecological coherence and developing methods to test it within MPA networks (OSPAR, 2008, OSPAR, 2006, Catchpole, 2012, Johnson *et al.*, 2014, Liberknecht *et al.*, 2014).

The principle of a representative and ecologically coherent MPA network is one that represents the full range of habitats and species in the target region; it is a solution to the problem of protecting whole ecosystems whilst having minimal disruption to marine industries. The full definition as perceived in the European Directives extends beyond just ensuring the whole range of habitats and species are protected. The network of MPA's should be spatially designed so that they allow for protection:

- across a target species range and migration;
- have sufficient coverage to allow for a viable population of the target species; and
- are connected in such a way that larval and juvenile dispersal is possible between sites.

They should also represent a suitable proportion of habitat or population of a species to make them resilient to disturbance or damage and lead to improvements towards a favourable conservation status.

To help member research institutions and marine users assess the ecological coherence of an MPA network, OSPAR (2006) defined a set of criteria that can each be examined²:

- **Features** – Purpose for which a site is designated (i.e. habitat, species or ecological processes);
- **Representivity** – The network represents the range of species and habitats present within the defined area (in this case, the North Sea basin and project area);
- **Connectivity** – How different sites are connected by ecological processes (migration, larval/juvenile exchange);
- **Resilience** – This is the ability of an ecosystem to recover from natural and anthropogenic disturbances. The level of protection allocated to a site, the size of each site and the number of replicates for a specific habitat or species will contribute to the resilience of the network;
- **Management** – The MPA network should operate within a wider strategy for ecosystem management that informs the specific management of the sites and promotes additional conservation measures that support the MPA network.

Member states are working towards Achieving Good Environmental Status (GES) in European and Norwegian waters, and marine users and managers can monitor progress via regularly published reports on new MPA designations (such as OSPAR's MPA Status Reports), and various interrogations of the ever-increasing pool of marine data (such as tests for ecological coherence).

In 2012, the latest status update from OSPAR revealed that the OSPAR MPA Network comprised a total of 333 sites, covering 5.17% of the OSPAR maritime area in the North-East Atlantic. The Greater North Sea region was the best represented, with MPA coverage of 10.39% (OSPAR, 2013). The next OSPAR update is due in 2015.

This challenge aims to assess ecological coherence (albeit at a relatively coarse level) over the MPA network of the North Sea using the latest marine data available from international institutions and national institutions from the U.K, Germany, France, the Netherlands, Sweden, Norway, Belgium and Denmark. The political will to meet the objectives of international marine goals, the drivers to gather and archive marine data, and the methods of data gathering, delivery and formatting will vary greatly between countries.

This project aims not only to make marine data relating to MPAs more accessible, but aims to highlight gaps in the MPA data network that might restrict marine users in assessing whether GES or ecological coherency is being achieved. Method.

There are three separate stages to this challenge, including data gathering, data analysis and a data adequacy assessment. These are detailed below.

3.1. Data gathering

Several MPA data categories had been identified from which to gather information, in order to provide information for an assessment of ecological coherence. These included:

- Geolocation of MPAs;
- Size of MPAs;
- Annex 1 & 2 habitats and species (and non-EU classified protected species and habitats – for Norway) present in MPAs;
- Management measures relevant to each MPA.

(Note: larval data has been removed from the MPA analysis as it was too sporadic to apply to a basin-wide test. Other measures of connectivity have been used, as detailed below).

It was decided that data should be collected at the international level initially (e.g. the European Environment Agency's Natura 2000 MPA list or OSPAR's MPA list) for MPAs that were relevant to this project, and then at the national level, in order to account for country-specific MPA plans and designations. It was hoped that this would create the most comprehensive list of MPAs in the North Sea Basin. The 8 countries of focus include the UK, France, the Netherlands, Denmark, Belgium, Sweden, Germany and Norway.

The first stage was to identify all relevant MPAs that have been designated in the project area, which facilitated the identification of each data category thereafter.

Desk-based internet searches were conducted initially, followed by direct contact with national agencies in Member States and other agencies including the OSPAR Secretariat in an attempt to fill data gaps during data collection. A list of the contacts made is included in Appendix A.

3.2. Data analysis

Several outputs for this challenge were required (as detailed in Section 2) and the method adopted to produce them was as follows:

GeoDatabase:

Relevant marine protected areas within the study area were identified and acquired. The OSPAR set of MPAs was used as a starting point and some components were replaced where a newer source was identified (e.g. UK SACs). Nationally designated MPAs were added and the data checked against countries national spatial datasets where they were identified and also compared to the world database on protected areas.

Once identified, any geographic projections were removed from the various datasets and the datums converted to WGS84. This was chosen as a suitable base for distributing the data. Prior to statistics being generated, the data were projected to Albers equal area conic (ESRI WKID: 102013) using the European 1950 datum (ESRI WKID: 4230).

Common fields (MPA name, designation, source, date/version code, status, contracting party, Natura ID, any other IDs, licensing information) were populated for each dataset and any MPAs that had been provided as multiple single parts were combined into multi-polygon features. The data were then amalgamated into a single feature class and assessed, checking for duplicates, geometry errors and typographical issues (e.g. malformed Unicode characters).

An ESRI layer file package was produced. This contains the MPA data and some basic background mapping (land and maritime boundaries). ESRI ArcGIS users can use this directly to map the data and others can use the free ArcGIS Explorer software (for Microsoft Windows operating systems) which can be freely downloaded from the ESRI website.

The data were also provided as a Spatialite database, chosen for its compatibility with Open Source GIS software as well as newer versions of ESRI ArcGIS.

Interactive web map:

A web map was produced to allow users to interactively explore and query the data at multiple spatial scales. The website uses the Django and Leaflet libraries to display and query data rendered by GeoServer. On querying an MPA, information is provided in a pop-up, including any management information found and, for OSPAR MPAs, species and habitats mentioned in the OSPAR database and/or provided in the GeoDatabase.

Broad-scale overview maps:

Broad-scale overview maps were produced from the data in the GeoDatabase, highlighting MPAs from different countries. These were only produced at a large scale as the sheer number of MPAs would have required a significant number of maps to be of any use at small scales.

Ecological coherency analysis:

The method used for this challenge is based on the approach suggested by OSPAR to assess ecological coherence², described above. Full details are available from OSPAR (2006).

Prior to statistics being generated, the data from the GeoDatabase were projected to Albers equal area conic (ESRI WKID: 102013) using the European 1950 datum (ESRI WKID: 4230).

■ Features and Representivity:

Features can either be habitats or species (an aspect for which an MPA might be designated). Calculations for this OSPAR criterion have only taken into consideration habitats, as georeferenced species data was not available for the entire study area, whereas they were for habitats.

Two habitat data layers were used in this part of the analysis, the OSPAR threatened and/or declining habitat layer and the EUSeaMap predictive habitat map (at EUNIS level 2) for comparison. The EUSeaMap predictive map does not fully cover the study area.

The flattened MPA layer³ was intersected with the data layers. Any resulting sections of habitat that were smaller than 0.24km² were then removed (Piekainen and Korpinen (2008) in HELCOM (2010) and Johnson *et al.* (2013)). HELCOM (2010) also didn't consider habitat sections that were less than 3% of the habitat within the MPA. The volume of MPAs assessed here precluded this being calculated in the time available. The HELCOM threshold was chosen as a coarse viability cut-off. Another option, for broad-scale habitats, is the threshold given in the English MCZ Ecological Network Guidance (Natural England and Joint Nature Conservation Committee, 2010) of a 5km² minimum patch size.

Replicates were colour coded at two thresholds. The English MCZ project set minimum criteria of two replicates for each broad-scale habitat present in each regional project (Natural England and Joint Nature Conservation Committee, 2010) and HELCOM sets a minimum of three examples of a representative habitat in each region (HELCOM, 2010).

■ Resilience:

Calculating overall size of MPA network: overall area covered by MPAs was calculated using the ArcGIS dissolve function to flatten the MPA layer into a single multi-part polygon³. This was then clipped to the study area.

Calculating MPA size diversity in network: the MPAs were grouped by area (geometrically increasing with a factor of 2) and a histogram produced, the whole MPA boundaries were used for this, so some of the area represented falls outside of the study area.

■ Connectivity:

The flattened MPA layer was buffered to 40km, equivalent to a maximum distance of 80km between sites. This threshold is based on the maximum recommended distance in Roberts *et al.* (2010) used in the English MCZ project.

Coarse proximity tests: The use of buffers is a coarse proxy for connectivity. The flattened MPA layer was buffered to 40km, equivalent to a maximum distance of 80km between sites. This threshold is based on the maximum recommended distance in Roberts *et al.* (2010) used in the English MCZ project. The results were then mapped on GIS.

A small protected area has the same buffer applied as does a large one so other connectivity tests were conducted.

Kernel density analysis: this is used to show the effect of MPA size and density, using a linear decay function to highlight proximity and the biggest spatial gaps in the MPA network (Johnson *et al.*, 2014). For each OSPAR habitat, a kernel density analysis was performed with a search radius of 40km. 40km was chosen from Roberts *et al.* (2010), where the movements for 67 different species were modelled and spacing of 40-80km recommended. The density analysis takes into account the amount of existing protected habitats (within the specified search radius). The results were then mapped on GIS.

³ Sites were further processed for the purposes of this analysis by flattening them into contiguous polygons (ArcGIS dissolve function, limited to single part polygons), this ensures that areas and replicates are only counted once. This is referred to below as the 'flattened MPA layer'.

■ Management assessment:

In addition to internet searches, direct contact with national agencies in Member States and other agencies including the OSPAR Secretariat in an attempt to fill data gaps during data collection. The data on management collected was collated and presented in a spreadsheet attached (Annex B). An initial assessment of the management data available in terms of its adequacy and usability for assessment of ecological coherence is provided below. Challenges and constraints in data collection and usability are also discussed.

3.3. Data adequacy assessment

This process of data gathering, data screening and final selection of datasets to undertake that analysis is core to the aims of the North Sea Checkpoint project and is described in detail in Section 6.2. The methodology for this process, designed by HR Wallingford, is detailed in DLS0342-RT002-R1-00 Growth and Innovation in the Ocean Economy: North Sea Checkpoint: Data Adequacy Report 01, including literature survey, August 2014.

4. Data

A broad range of data has been identified, downloaded where possible and reviewed for the challenge. The data was sourced primarily through online resources including:

- International: EU websites: European Environment Agency, EUNIS, EMODnet;
- International: IUCN World Database of Protected Areas;
- International: OSPAR Marine Protected Areas;
- International: Ramsar Sites Information Service (RSIS);
- UK: JNCC, Scottish Natural Heritage, Natural England;
- Denmark: Danish Nature Agency (Naturstyrelsen);
- Belgium: Management Unit of the North Sea Mathematical Models (MUMM), Belgium Coastal Atlas, VLIZ (Flanders Marine Institute);
- France: French Agency for Marine Protected Areas (Agence des aires marines protégées – AAMP), Inventaire National du Patrimoine Naturel (INPN);
- Germany: Federal Agency for Nature Conservation (BFN), Federal Maritime and Hydrographic Agency (The Bundesamt für Seeschifffahrt und Hydrographie – BSH);
- Norway: Norwegian Environment Agency;
- Sweden: Swedish Environmental Protection Agency, Geodata Sweden, Swedish Agency for Marine and Water Management;
- The Netherlands: IMARES, National Government Noordzeeloket.

All data identified has been recorded in the data register (Appendix C).

Following an initial assessment of data accessibility and fitness for purpose, a small number of datasets have been used in the analysis for the challenge. The data considered suitable for use in the challenge is listed in Table 4.1. Details of the datasets reviewed and either excluded or considered but not-used are provided in Appendix C.

Table 4.1: Datasets considered suitable in the marine protected areas challenge

Data	Inspire theme	Sources Suitable
Species data	3.19 Species distribution 1.9 Protected sites	DT.Mari.NS004-Natura 2000 European database: directive species table DT.Mari.NS011-Natura 2000 European database: other species table DT.Mari.NS012-Natura 2000 European database: species table
Habitats data	3.18 Habitats and biotopes 1.9 Protected sites	DT.Mari.NS005-Natura 2000 European database: habitat class table DT.Mari.NS006-Natura 2000 European database: habitats table
Management information	1.9 Protected sites 3.11 Area management/ restriction/ regulation zones & reporting units	DT.Mari.NS016-Natura 2000 barometer statistics DT.Mari.NS018-EEA Nationally designated areas (CDDA) database: designations table DT.Mari.NS038-UK MCZ formal designation orders DT.Mari.NS039-Scotland MPA designation orders DT.Mari.NS056-French Marine Natura 2000 Designation Plan DT.Mari.NS058-French Marine Natura 2000 Designation Information (Beyond Territorial) DT.Mari.NS073-Norwegian Environment Agency Naturebase: Marine Protection Plan DT.Mari.NS081-Netherlands Marine Management Information DT.Mari.NS091-Swedish Regulation of Fishing in MPAs report. DT.Mari.NS094-UK MCZ designation update DT.Mari.NS100-Belgian Royal Decree for the creation of protected areas
MPA boundary spatial data	1.9 Protected sites	DT.Mari.NS015-Natura 2000 metadata DT.Mari.NS024-EEA Nationally designated areas (CDDA): GIS data DT.Mari.NS034-GIS map of Denmark Natura 2000 sites DT.Mari.NS042-Scotland GIS Shape files for both the Inshore and Offshore MPAs DT.Mari.NS076-Belgian Interactive Coastal Map: Downloadable GIS files. DT.Mari.NS090-Swedish Geodata Interactive Map Portal.

Data	Inspire theme	Sources Suitable
MPA information (i.e. size, area, location)	1.9 Protected sites	DT.Mari.NS010-Natura 2000 European database: Natura2000 sites table DT.Mari.NS013-Natura 2000 European database - CSV format DT.Mari.NS019-EEA Nationally designated areas (CDDA) database: sites table DT.Mari.NS022-EEA Nationally designated areas (CDDA) database: national overview table DT.Mari.NS023-EEA Nationally designated areas (CDDA) database - CSV format DT.Mari.NS035-Denmark list of habitats and birds each Natura 2000 site covers
Interactive maps	1.9 Protected sites	DT.Mari.NS017-Public Natura 200 Network Viewer Map DT.Mari.NS037-UK JNCC Interactive MPA map DT.Mari.NS046-OSPAR MPAs visual interactive network map DT.Mari.NS061-French Protected Areas Online Interactive Map DT.Mari.NS064-French Protected Areas Online Interactive Map via AAMP DT.Mari.NS076-Belgian Interactive Coastal Map: Downloadable GIS files. DT.Mari.NS090-Swedish Geodata Interactive Map Portal
Informative websites	1.9 Protected sites	DT.Mari.NS057-French Marine Sites: Various Protection Measures DT.Mari.NS063-Information & Contacts: Implementation of MSFD in France DT.Mari.NS094-UK MCZ designation update

Table 4.2: Datasets used in the marine protected areas challenge

Data	Inspire theme	Sources Used
Species data	1.9 Protected sites 3.11 Area management/ restriction/ regulation zones & reporting units 3.19 Species distribution	DT.Mari.NS044-OSPAR MPA Network Database DT.Mari.NS099-Belgian Birds Directive Information
Habitats data	3.18 Habitats and biotopes 1.9 Protected sites 3.11 Area management/ restriction/ regulation zones & reporting units	DT.Mari.NS044-OSPAR MPA Network Database DT.Mari.NS101-Belgian Habitats Directive Information DT.Mari.NS117-OSPAR threatened and/or declining habitats GIS data DT.Mari.NS118-EUSeaMap Habitat GIS data
Management information		DT.Mari.NS060-AAMP: Information on French marine data collection programme. DT.Mari.NS065-French Natura 2000 Marine Site Implementation Information (AAMP) DT.Mari.NS083-Wadden Sea Information: 2010 Plan DT.Mari.NS087-German Natura 2000 Sites Designation Information DT.Mari.NS088-German North Sea Natura 2000 Sites Designation Information DT.Mari.NS099-Belgian Birds Directive Information DT.Mari.NS101-Belgian Habitats Directive Information DT.Mari.NS102-Germany Schleswig-Holstein Wadden Sea National Park Information DT.Mari.NS103-German Dogger Bank MPA Site Information DT.Mari.NS104-German Sylter Aussenriff / Oestliche Deutsche Bucht MPA Site Information DT.Mari.NS105-German Seevogelschutzgebiet Helgoland MPA Site Information DT.Mari.NS106-German Borkum-Riffgrund MPA Site Information DT.Mari.NS108-Danish Nature Agency Natura 2000 Marine Plans DT.Mari.NS109-German National Park Act DT.Mari.NS110-French law on national parks, marine parks and regional parks DT.Mari.NS112-French Iroise national marine park

Data	Inspire theme	Sources Used
		Information DT.Mari.NS113-Netherlands Natura 2000 site Information: management plans DT.Mari.NS114-Danish Nature Agency Natura 2000 Legislation Page
MPA boundary spatial data	1.9 Protected sites	DT.Mari.NS014-Natura 2000 GIS data DT.Mari.NS043-UK MPAs (SACs, SPAs, Ramsar, OSPAR) GIS data (& links to attribute data) DT.Mari.NS045-OSPAR MPAs Network GIS shapefile DT.Mari.NS047-IUCN WDPA Interactive map & downloadable GIS files DT.Mari.NS062-French Georeferenced data on Marine Habitats DT.Mari.NS067-UK Natural England GIS Datasets DT.Mari.NS069-Norwegian Environment Agency Naturebase Data DT.Mari.NS071-Norwegian Environment Agency: First 36 Marine Areas Dataset DT.Mari.NS072-Norwegian Environment Agency Naturebase: MPAs DT.Mari.NS116-RAMSAR sites webviewer & GIS downloads
MPA information (i.e. area, location)	1.9 Protected sites	DT.Mari.NS044-OSPAR MPA Network Database DT.Mari.NS086-German Natura 2000 Sites Information
Informative websites	1.9 Protected sites 3.11 Area management/ restriction/ regulation zones & reporting units	DT.Mari.NS060-AAMP: Information on French marine data collection programme. DT.Mari.NS065-French Natura 2000 Marine Site Implementation Information (AAMP) DT.Mari.NS077-Netherlands Information About MPAs DT.Mari.NS083-Wadden Sea Information: 2010 Plan DT.Mari.NS086-German Natura 2000 Sites Information DT.Mari.NS102-Germany Schleswig-Holstein Wadden Sea National Park Information DT.Mari.NS103-German Dogger Bank MPA Site Information DT.Mari.NS104-German Sylter Aussenriff /

Data	Inspire theme	Sources Used
		Oestliche Deutsche Bucht MPA Site Information DT.Mari.NS105-German Seevogelschutzgebiet Helgoland MPA Site Information DT.Mari.NS106-German Borkum-Riffgrund MPA Site Information DT.Mari.NS107-EUNIS MPA Site Information Summaries DT.Mari.NS112-French Iroise national marine park Information DT.Mari.NS114-Danish Nature Agency Natura 2000 Legislation Page DT.Mari.NS115-UK MPA Information Pages
Other spatial data	1.2 Geographical grid systems	DT.Mari.NS119-Maritime EEZ boundaries (v8) spatial data

The MPA challenge is primarily based on spatial analysis and for the production of an interactive MPA map, GeoDatabase and other GIS maps of MPA distribution and connectivity, the challenge required data to be made available in formats which could be easily manipulated in GIS systems. 13 spatial data sets (including 10 MPA boundary datasets, 2 habitat datasets and 1 maritime boundary dataset) were selected for the final analysis and were easily obtainable via national and international data portals. The datasets were available without cost and were easily edited in GIS software to be relevant to the study area.

It is of note that the sources of these datasets, OSPAR and the EEA, have lags in updating their MPA databases. It is recommended prior to the completion of this challenge, updates are taken into account on the GeoDatabase. This will ensure EMODnet is displaying the most representative dataset for the North Sea MPA network.

The spatial datasets were supplemented with information required for other aspects of the MPA analysis, such as MPA management plans and relevant legislative tools. The discoverability and accessibility, format and usability of these supplementary data varied. This is due to the numerous organisations from which data were sourced. EU data standards were helpful for basic information on designations of MPAs but countries will implement MPA management plans at different paces and so availability of these data varies. Language was also a restriction when locating national information in some countries.

As the study area includes the waters of 8 countries, data need to be sourced from separate national organisations. These datasets were used to supplement and update those obtained from international organisations such as OSPAR. All datasets were found by internet search, rather than provided via request to organisations. In terms of cost, most data were free download and often immediately available, without registration.

A full data adequacy assessment is provided in Section 6.2 but some general trends and trends for each datatype are summarised below.

Species data:

There was a paucity of spatial species data (i.e. abundance of a particular species per square metre) for the entire project area. However, there are regions of the study area and North Sea basin that do have detailed species data that are available in spatial format, such as Annex II species data in UK territorial waters. With

more time to collect available detailed spatial species datasets (or more pertinently, with more time for organisations to create them), ecological coherence could be more robustly assessed. For this challenge, ecological coherence calculations therefore focus on habitats data.

The species data presented in this challenge include the species listed under an MPA designation, from the OSPAR and EEA databases. This information can be easily extracted and uploaded to GIS outputs such as interactive MPA maps with dropdown menus. Species include those listed under Annex II of the Habitats Directive, under the Birds Directive and under OSPAR's list of threatened declining species and habitats.

Habitats data:

Spatial habitats datasets were available from OSPAR and EUSemaMap, with OSPAR habitat data covering the entire project area, allowing the calculation of various ecological coherency criteria. The GIS files were readily available from the respective websites and easily edited to fit the project area. The datasets are available free of charge but may be a few years out-of date. The EUSemaMap dataset was version 201208. As coherency and connectivity between MPAs is being assessed over the entire North Sea basin, these habitat datasets are deemed to be appropriate for a coarse assessment, as used in this challenge. More detailed spatial datasets are available for particular habitats where research has been focused, such as for seagrass habitats, but were not appropriate for a basin wide analysis. The OSPAR and EEA MPA databases list habitats for which MPAs have been designated, which has been subsequently incorporated into the GeoDatabase and interactive webmap.

The habitats included in this MPA challenge include those listed under Annex I of the Habitats Directive, and under OSPAR's list of threatened declining species and habitats.

Management information:

There are many MPA designations in the study area but in most cases it appears that detailed management information is unavailable. Ideally for this challenge, management information would be provided in entries to the EU and OSPAR databases, including information such as links to management plans, legislative instruments and restrictions. Individual searches through organisations was therefore required. Management plans were available for some countries but language barriers restricted searches. In very few cases were activity and extraction restrictions published which is likely a product of slow progress in implementing management measures for MPAs. The interactive web map collates the most up-to-date information found and represents the current status of management of the North Sea MPA network. See Appendix B for all management information collected.

MPA boundary spatial data:

Appropriate spatial datasets for MPA boundaries (including information such as size/area, geographic location) were available from EU and OSPAR data portals, supplemented by datasets from UK organisations such as the JNCC and Natural England, from the French Marine Protected Areas Agency (AAMP), from the Norwegian Environment Agency, and from the IUCN's World Database on MPAs. These datasets were used for specific types of MPAs that were not covered by the EU and OSPAR databases, such as Special Protected Areas (SPAs), Marine Nature Reserves (MNRs), Ramsar sites, Sites of Special Scientific Interest (SSSIs) and National Marine Parks. These datasets will need to be updated in line with new designations and updates to national and international databases.

Temporal resolution of the EU and OSPAR databases and associated GIS files cover to the end of 2013. It is expected that databases will be updated in 2015. Metadata are available for most datasets along with

automatically downloaded licences. UK spatial datasets vary in their temporal resolution, from 2011-2014. However, these are the most comprehensive datasets for UK MPAs. Maritime EEZ boundaries are version 8.

5. Results

5.1. Challenge output

5.1.1. Introduction

This analysis presents the results of a basin wide data collection exercise that aimed to provide the most up-to-date information relating to designated and classified Marine Protected Areas in the North Sea, for the 8 countries specified in the project brief. The MPA challenge has been successful in collating this information, although large gaps were seen in certain data categories, such as information relating to the management of MPAs.

The data are analysed with a view to discover whether the North Sea MPA network constitutes a representative and coherent network as described in Article 13 of the Marine Strategy Framework Directive. This analysis presents the results of a series of spatial and statistical tests of the ecological coherence of the North Sea's MPA network, based as far as possible on OSPAR's ecological coherence criteria. These tests are one of many ways marine users can test for representative and coherent network. These tests include coarse and fine proximity tests determined by the quality and availability of the data available for each test.

5.1.2. Analysis

Analysis was split into several parts. An overall picture of the network is first presented, which includes an interactive MPA map explorer. Analyses of ecological coherence are subsequently undertaken.

It is of note here that due to the lack of spatial species data for the North Sea basin, ecological coherency tests have been run on habitat data only. This is particularly pertinent to Annex I and II European habitats and species, as there is no spatial data available for these, so we were not able to assess (using ecological coherency statistics & GIS) to what extent these features were covered in the North Sea MPA network.

OSPAR guidance recognises that the network cannot reasonably be expected to be designed to incorporate the movements and life histories of all species so the habitat analysis presented for ecological coherency here comes with this caveat

The North Sea MPA Network:

Relevant marine protected areas within the study area were identified and acquired. The OSPAR set of MPAs was used as a starting point and some components were replaced where a newer source was identified (e.g. UK SACs). Nationally designated MPAs were added and the data checked against countries national spatial datasets where they were identified and also compared to the IUCN's World Database on Protected Areas.

Broad-scale overview maps were produced, highlighting MPAs from different countries. These were only produced at a large scale as the sheer number of MPAs would have required a significant number of maps to be of any use at small scales.

Figure 1 (see Appendix E) shows all MPAs in the study area from various designations including Marine National Parks, Marine Nature Reserves, SACs, SPAs with marine components, RAMSAR sites, SSSIs and

MCZs (all UK only). 444 MPAs have been identified, which cover 10.9% (91,151km²) of the 833,179 km² of the study area. This list is not exhaustive as regional and local designations are not included so actual coverage of MPAs is likely to be higher.

In 2010, contracting parties of the Convention on Biological Diversity adopted the Aichi biodiversity targets, including Aichi target 11⁴:

‘By 2020, at least 17 per cent of terrestrial and inland water, and 10 per cent of coastal and marine areas, especially areas of particular importance for biodiversity and ecosystem services, are conserved through effectively and equitably managed, ecologically representative and well connected systems of protected areas and other effective area-based conservation measures, and integrated into the wider landscapes and seascapes.’

Without considering any management of the included MPAs, this area meets Aichi target 11. However, note that the distribution of MPAs is somewhat uneven, skewed towards the south of the study area and coastal regions. The Norwegian Sea shows the least MPA coverage. Aichi target 11 also highlights that areas of particular importance for biodiversity and ecosystem services be covered, something has not been assessed as part of this coarse statistic.

Figures 2-5 show more zoomed versions of Figure 1, showing MPA distribution in more detail in the English Channel, the North Sea, Norwegian Sea and Scandinavia in more detail.

To better enable end users to explore the data, two products were produced:

- An ESRI layer file package was produced. This contains the MPA data and some basic background mapping (land and maritime boundaries). ESRI ArcGIS users can use this directly to map the data and others can use the free ArcGIS Explorer software (for Microsoft Windows operating systems) which can be freely downloaded from the ESRI website.
- A web map was also produced to allow users to interactively explore and query the data at multiple spatial scales. The website uses the Django and Leaflet libraries to display and query data rendered by GeoServer. On querying an MPA, information is provided in a pop-up, including any management information found and, for OSPAR MPAs, species and habitats mentioned in the OSPAR database. This can be found here: <http://dgm.marinemapping.com/>.

The data were also provided as a SpatialLite database, chosen for its compatibility with Open Source GIS software as well as newer versions of ESRI ArcGIS. The databases can be found here:

<http://data.marinemapping.com/dgm/>.

Ecological Coherency in the North Sea MPA Network:

The concept of ecological coherence arose out of the recognition that a network of protected areas should ideally be regarded as a whole, greater than the sum of its individual protected areas (Lieberknecht *et al.*, 2014). Achieving ecological coherence has become part of international marine policy and is being used in this challenge to gauge (at a very coarse level) whether the North Sea MPA network is meeting international obligations. Such international obligations have already been mentioned in this report, primarily focusing on the idea of a representative and coherent network, as described in article 13 of the Marine Strategy Framework Directive.

⁴ Aichi target 11: www.cbd.int/sp/targets/default.shtml

OSPAR (2008) gives guidance on testing ecological coherence, which has been built on since (Johnson *et al.*, 2014) and can be tested using a series of coarse and fine filter tests. The results of these tests are provided below.

Disclaimer: all statistics are only accurate in so much as they reflect the accuracy of the data. Reasonable effort has been made to use the best available data that is consistent over the project area. However, known major data gaps and inaccuracies are inevitable in data covering such large areas and in multi-national jurisdictions.

Coarse filter tests:

These provide a rapid, simple and general assessment of whether or not there are big gaps in the MPA spatial network structure. They tend to overestimate the ecological coherence of the network, only identifying the largest and most significant gaps (Lieberknecht *et al.*, 2014). These tests are relatively simple to complete, and do not require species or habitat distribution data and as such, they are a suitable first step, especially in data-limited situations or in this case, where the study encompasses 8 countries and is basin-wide. The coarse filter tests used in this challenge include **Resilience** and **Connectivity**.

■ Resilience:

The first test for resilience looked at the size of the network (explained above) where the criterion, covering 10.9% of the study area, meets Aichi target 11⁴.

The second resilience tests looks at the diversity of MPAs in the network, such as the number, size and size distribution.

The total number of MPAs that intersect the study area is **444**. It is likely that some relevant MPAs have been excluded, as the coastal component of the study area polygon (provided by HR Wallingford) is particularly coarse. As such, a larger number of potentially interesting MPAs have been provided as part of the data supply. Of these 444, they range from **0.007 km²** (Dyer's Quarry SSSI) to **12,337 km²** (Dogger Bank SAC). The median size is **21.8 km²** and the mean **259.1 km²**.

The MPAs were then grouped by area (geometrically increasing with a factor of 2) and a histogram produced (see Figure 6). The whole MPA boundaries were used for this, so some of the area represented falls outside of the study area. The histogram shows that the majority of MPAs are relatively small, 1km² and under.

■ Connectivity:

Connectivity, the ecological links between different areas, is primarily important for two reasons: minimising risk of local extinction in isolated sites and maintaining genetic diversity. It is particularly challenging to apply the principles of connectivity in practice as it requires an understanding of larval dispersal and adult movements, which are dependent on hydrographic conditions. These then have to be assessed for each of the different species being considered (different species may have wildly different rates and ranges of movement and dispersal).

Within the study area, Moksnes *et al.*, (2014) evaluated the effects of larval connectivity in benthic communities within MPA networks in the Kattegat-Skagerrak area of the North Sea. They concluded that most MPAs in the area are sub-optimally located and too small to allow self-recruitment for the targeted organisms.

While it is desirable to take connectivity into account when designing and designating MPAs, it is challenging to apply in practice. Knowledge of oceanographic conditions in both the local and wider area will be necessary and, for each species considered, an understanding of larval dispersal and, potentially, adult movements. As a result, rules of thumb around the size and spacing of MPAs have been developed. These

aim to ensure that individual reserves are large enough to contain the ranges of species with low levels of movement and dispersal and to locate reserves containing similar habitat types close enough to allow for the exchange of mobile species and larva (Lieberknecht *et al.*, 2014).

The use of buffers in spatial analysis is a coarse proxy for species connectivity. The limitation of this is that a small protected area has the same buffer applied as does a large one, even though it is unlikely that the smaller site is contributing as much to connectivity. See 'fine filter tests' to see how this was accounted for.

For the spatial analysis, the flattened MPA layer⁵ was buffered to 40km, equivalent to a maximum distance of 80km between sites. This threshold is based on the maximum recommended distance in Roberts *et al.*, (2010) used in the English MCZ project.

Figure 7 shows the result of buffering the MPAs to 40km. At the map scale, there are significant gaps, particularly in the northern part of the study area. This is a result of the limited number of MPAs in the centre of the basin. Notably, some of the more topographically diverse areas around Norway and between the Faroe Islands and Shetland/Orkney are particularly limited in coverage.

Other significant gaps fall between south-west England and the Finistère to Manche departments of France, offshore of Grimsby in England, a large section running parallel to the coast of southern Norway and a large section south of Dogger bank.

When considering species primarily found in inshore areas, some of these gaps may not be considered significant. The obvious exception to this is the lack of MPAs around the coast of Norway.

Fine filter tests:

Fine filter tests are designed to be more stringent, and to identify gaps that the coarse filter may fail to identify. By their nature, fine-filter tests are more time-consuming, and require more data to yield meaningful results. The fine filter tests used in this challenge include **Features and Representivity** and **Connectivity**.

■ Features and Representivity:

Advancing from this test originally named by OSPAR (2008) it is more accurate to say that fine filter tests like this also measure the adequacy of an MPA network and also the replication of particular features inside an MPA network, such as habitats.

Two habitat data layers were used in this part of the analysis, the OSPAR threatened and/or declining habitat layer and the EUSeaMap predictive habitat map (at EUNIS level 2). The latter did not fully cover the extent of the study area. See Section 4 for a full description of how this test was run.

The total area of habitats represented within MPAs was tested at different thresholds between 5% and 40%. The lowest ranges of 5% and 10% are intended as basic thresholds, 20%, 30% and 50% to reflect ranges identified in the literature or used in similar adequacy assessments (Johnson *et al.*, 2013).

Replicates were colour coded at two thresholds. The English MCZ project set minimum criteria of two replicates for each broad-scale habitat present in each regional project (Natural England and Joint Nature Conservation Committee, 2010) and HELCOM sets a minimum of three examples of a representative habitat in each region (HELCOM, 2010). The results of these analyses are detailed in Appendix D.

The majority of the OSPAR threatened and/or declining habitats are well represented within the MPA network. All have a significant number of replicates, with the exception of Maërl beds and *Modiolus modiolus* beds. 35% of the maërl beds in the dataset are inside of an MPA. Sea-pen and burrowing megafauna

⁵ Flattening ensures that areas and replicates are only counted once in a GIS file.

communities is the least well represented OSPAR habitat, with less than 10% of that present in the data being covered by an MPA. The other habitats are all more than 40% inside an MPA, sometimes significantly more (e.g. intertidal mudflats, 91.8%).

In terms of data coverage, the OSPAR threatened/declining habitat dataset does not likely represent the full extent of those habitats as there are more detailed habitat datasets around, such as those for seagrass. However, the OSPAR habitats dataset is adequate for a basin-wide assessment.

The EUSeaMap habitats show a more mixed picture. Many of the named habitats without a EUNIS code are bathyal (c. 1000-4000 meters depth) or deep sea habitats located around the coast of Norway or north of Shetland/Orkney, areas with relatively poor MPA coverage, which is reflected in the statistics.

Aside from the deeper habitats, most have at least 10% coverage inside MPAs, though only a few have more. Replication for these other habitats is generally high.

■ Connectivity:

To help overcome the limitation of small protected areas having the same buffer applied as large ones, even though it is unlikely that the smaller site is contributing as much to connectivity, a 'kernel density analysis' was used to show the effect of MPA size and density, using a linear decay function to highlight proximity and the biggest spatial gaps in the MPA network (see Johnson *et al.*, 2014).

This fine filter proximity test was used to highlight gaps in the network (as used by Johnson *et al.*, 2014 and Lieberknecht *et al.*, 2014). For each OSPAR habitat, a kernel density analysis was performed with a search radius of 40km. 40km was chosen from Roberts *et al.* (2010), where the movements for 67 different species were modelled and spacing of 40-80km recommended.

The density analysis takes into account the amount of existing protected habitats (within the specified search radius). The result of this is that isolated, small protected areas of habitat (low density) have less effect than clusters of protected habitat (higher density). Figure 4.5 (page 44) in Lieberknecht *et al.* compares the results of a buffer to a kernel analysis.

The results of the kernel density analysis are shown in Figures 8-16.

The kernel density maps illustrate the lack of a specific cut-off distance in connectivity. The *Sabellaria spinulosa* reefs map in particular highlights this more nuanced representation, highlighting those areas where both large areas of habitat are protected and in close proximity.

Each habitat type assessed shows some spatial gaps, this is of particular interest when compared to the coverage statistics that imply these habitats are generally well represented. This illustrates the complexity of the ecological coherence concept, no single test can establish that ecological coherence has been met and conversely, gaps in a given test may not be significant in the context of the whole network.

The Maërl and *Modiolus modiolus* maps expand on the low replication scores seen in the earlier analysis – both show very limited distribution within the study area, limiting the number of possible replicates. It is recommended that further data is sourced for these (and potentially all of the habitats in this dataset) habitats and these maps considered in view of the limited data.

While the distribution of littoral chalk data is localised to the French coast, the habitats in the dataset are generally protected in large areas in close proximity. This is highlighted on the map, where the high density areas are almost all contiguous.

The intertidal mudflats map suggests that as you move away from the inshore region, there is a lack of connectivity between different habitat patches. The majority of areas have a low density and there are many

gaps. A notable exception is the Wash in Eastern England, where a large area of this habitat is found in protected areas.

Mytilus edulis beds are another habitat with patchy distribution. Most of the habitat in the dataset is found around the north-west German coastal region, where much is protected in close proximity. This is highlighted in the kernel analysis. Other habitat found around the coast of England shows no connections, though there is significant distance between the habitat patches.

Sabellaria spinulosa reef habitat within the dataset/in the study area is only found around the coast of England and Scotland. The two largest patches appear to be within protected areas and well connected within themselves.

The coverage of sea-pen and burrowing megafauna is limited (8.7% of the habitat inside the study area is inside protected areas), this is skewed by a particularly large patch west of Denmark. The remaining habitat inside the study area appears around the coast of Scotland and Northern England. This is generally within protected areas, and each cluster appears to exhibit good potential connectivity, though they are distant from each other.

The *Zostera* bed map shows various clusters of habitat throughout the study area. Some of these exhibit high kernel density (north-west German coast), the others are spaced too far apart for the search radius to take them into account.

All of these maps are conservative, in that they only take that specific habitat into account. A kernel density analysis of the protected areas themselves paints a potentially more connected picture (Figure 17) where there are larger areas of high density and fewer gaps.

Management of the North Sea MPA Network:

In order to yield environmental benefits, such as improved fish stocks and reduced environmental pollution, evidence suggests that protected marine sites have to be well-managed and enforced (Edgar *et al.* 2014), and the more comprehensive and stringent the protection level, the higher the benefit (Halpern, 2014). Without effective and well-enforced management measures, MPAs are merely paper parks and markings on a map.

In 2003, the OSPAR Commission adopted recommendation 2003/3 which aimed to establish the OSPAR Network of MPAs and to ensure that by 2010 it was an ecologically coherent network that was well-managed. The recommendation was supported by two sets of guidelines on: (i) identification and selection of MPAs in the OSPAR maritime area (OSPAR, 2003a) and (ii) management of MPAs in the OSPAR maritime area (OSPAR, 2003b). Further guidance from OSPAR (2006) stipulates that 'the MPA network should operate within a wider strategy for ecosystem management that informs the specific management of the sites and promotes additional conservation measures that support the MPA network'.

Thus a key aspect of the MPA Challenge was to review the marine management for the MPAs in the study area and to determine whether the MPA network operates as part of a wider management structure. The type of information required to make this assessment included, for example:

- Designation orders, designation date and designation status;
- MPA management plans;
- Information on the legislative frameworks applicable to each MPA (i.e. national park acts);
- Conservation objectives;
- Spatial management measures (i.e. exclusions or limitations of damaging activities).

In addition to internet searches, direct contact with national agencies in Member States and other agencies including the OSPAR Secretariat were conducted in an attempt to fill data gaps during data collection. A list of the contacts made is included in Appendix A. The information collected was collated and included in the GeoDatabase, which has been exported to an Excel spreadsheet, provided as a supplementary sheet to this report (Appendix B).

Most of the MPAs currently designated by the countries in the North Sea are national MPAs (within territorial waters and the respective EEZs), with very few designations in adjacent waters or waters beyond national jurisdiction. All sites listed have either been classified or designated as types of Marine Protected Area (Marine National Parks, Marine Nature Reserves, SACs, SPAs with marine components, RAMSAR sites, SSSIs and MCZs), many under the EU's Natura 2000 policy framework.

Information on the designation status of the sites was available on the international databases, national data bases and confirmed by national contacts via email in the case of France, Germany, Denmark, the Netherlands and Sweden. The status of sites varies between countries. Norway, as a non-EU Member State has established MPAs according to national legislation. France and UK have a number of sites which have been classified but not designated; France, UK, Germany, Sweden, Belgium, Denmark and the Netherlands have sites which have been designated and for which management plans are in process. Denmark, the Netherlands and Sweden have designated sites and are in the process of implementation. Germany, Netherlands and Sweden, and Norway are implementing fisheries restrictions according to national legislative acts.

Linkages to the legal basis, management structure and conservation objectives for EU-designated MPAs were easily found due to EU level standards in data reporting and presentation, although accessibility to this information varied between countries due to language restraints when searching or countries being at different stages of management implementation. Typical information obtained from an MPA designated under Natura 2000 includes basic information such as the designation date and responsible management authority. This is usually extracted from the site specific Standard Data Form or Designation Order. The Standard Data Form should ideally provide more than basic information on management (see <http://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32011D0484&from=EN>) such as a management plan and conservation measures but this heavily depends on the date of designation and the subsequent progress of the responsible authority in forming and publishing these. Many MPAs designated under the European framework in this study did publish conservation objectives.

Conservation objectives, such as suggestions of restricted fishing activity are a good first step towards developing management structures in the MPA network, as they indicate that some form of management measure(s) may be required or further measures may need to be developed where actions are already in force. See an example for the Dogger Bank MPA:

http://jncc.defra.gov.uk/PDF/DoggerBank_ConservationObjectivesAdviceonOperations_6.0.pdf. However, the advice is indicative and does not remove the need for formal consultation on individual plans and projects. It appears that the majority (~95%) of the MPAs in the North Sea network have not reached this stage of planning and as a result, management information only exists at a basic level.

The small proportion of MPAs in the study region that have published spatial restriction management measures tended to be national parks (either fully marine or with marine sectors) in Germany, France and Norway. The types of restrictions found in this study included restrictions on certain fishing practices such as bottom trawling, limits to water sport activity and restrictions on mooring and permanent anchoring. Separate local management authorities, often a dedicated national park authority, are responsible for the management of these protected areas and this focused conservation effort has resulted in a more rigorous management

structure. This is in comparison to management authorities that are responsible for many more MPAs (such as the UK's JNCC) where the planning and consultation process with stakeholders is much slower and there are requirements to meet regional and international policy objectives.

In Belgium, the fragmentation in the management of MPAs at a national level with competencies for different aspects of management split between various government departments also led to other challenges in accessing all relevant information, demonstrating that several responsible authorities within one country can also be problematic to transparency.

Linkages *between* countries towards management of the MPAs sites in the North Sea are not very well defined, except in the case of the Wadden Sea Trilateral Management Plan⁶ which suggests that North Sea MPA network does not operate as part of a wider management structure.

5.1.3. Outcome

The primary aim of the MPA challenge was to assess whether the data currently available from national and international organisations spanning the 8 focus countries in the North Sea are appropriate to determine whether the MPA network constitutes a representative and coherent network as described in article 13 of the Marine Strategy Framework Directive.

The various tests of ecological coherence (based on those defined by OSPAR) conducted in this study had to include a mix of fine filter and coarse filter tests, due to the lack of basin-wide spatial data for species and larval data, and due to time constraints. Fine filter tests were conducted where basin-wide data were available.

Tests for resilience looked at the size of the North Sea MPA network. In total 444 MPAs are presented, covering 10.9% of the study area and meeting Aichi target 11.

Tests for representivity using the OSPAR habitats dataset revealed that the majority of the OSPAR threatened and/or declining habitats are well represented within the MPA network but this dataset does not represent the full extent of those habitats that have more detailed information available for them, so the analyses presented in this study are only at a very basic level.

Tests for connectivity between the OSPAR habitats of the North Sea revealed some spatial gaps, in contrast to the representivity statistics that imply these habitats are generally well represented. This illustrates the complexity of the ecological coherence concept.

The North Sea MPA network does not operate as part of a wider management framework due to differences in paces of national governments in implementing rigorous management measures.

As also concluded by Lieberknecht *et al.* (2014) it is very difficult to assess ecological coherence with significant data gaps in a network. Despite this, the interactive web map represents an updated picture of the North Sea MPA network, including links to sites where users can keep up-to-date with developments in the management progress.

⁶ <http://www.waddensea-secretariat.org/management/wadden-sea-plan-2010>

5.2. Data Adequacy

This section reports on the data adequacy to deliver the challenge. Data adequacy is reported under the six value assessments used for screening the data.

It is important to re-visit the main objective of the MPA Challenge here:

To gain *'...an understanding of whether the available data are sufficient to predict the ecological coherence of a network of MPAs and how representative they might be of the wider North Sea environment'*

To do this, specific outputs were decided upon (see p.7-8. 'Data Analysis'). Table 2 below summarises the data needed for each output. Each dataset discovered was then assessed by the 5 criteria in Table 1. This has been the basis for the analysis of data adequacy.

Table 5.1: Datasets considered suitable in the marine protected areas challenge

Output	Datasets required	Preferences
Interactive web map	GIS MPA boundaries from all 8 countries	<ul style="list-style-type: none"> ✓ Must include all types of MPA designations (MCZ, SSSI etc.) ✓ Preferably the most recent designations ✓ Must open in GIS software ✓ Must be editable for NSCP boundary
	Species and habitat data for each MPA	<ul style="list-style-type: none"> ✓ Must be linkable to MPAs in GIS files
	Management data for each MPA	<ul style="list-style-type: none"> ✓ Must be linkable to MPAs in GIS files ✓ Preferably the most recent management plans
Ecological coherence statistics	'Features & Representivity': species and habitat data	<ul style="list-style-type: none"> ✓ Species and habitats information must be linked to name of MPA
	'Resilience' (replication, MPA size diversity): species, habitat and MPA size data	<ul style="list-style-type: none"> ✓ Species and habitats information must be linked to name of MPA
	'Management': management data	<ul style="list-style-type: none"> ✓ Management data must be linked to name of MPA ✓ Preferably information relates to the specific 'features' of the MPA (i.e. species or habitat for which MPA was designated)
	'Connectivity': larval and physical data	<ul style="list-style-type: none"> ✓ Larval data (dispersal rates and duration in plankton) preferably available for North Sea ✓ Physical data must be specific to North Sea

Currently, 119 datasets or links to information have been assessed by the NSCP MPA Data Screen, 35 of which have been selected for use in the challenge. See Appendix C for the full list of datasets assessed.

5.2.1. Contribution – Does the data contain the right parameters?

This aspect of the data screen related to whether or not the dataset was able to contribute to the challenge. Many datasets found during the process were considered (i.e. most of the criteria were at the correct resolution for the challenge and were readily available) but selection of datasets for use came as a result of downloading and testing them first on GIS software. As such, the range of data considered, downloaded and reviewed was much broader than the data selected for the challenge.

Datasets that did not contain the correct parameters included:

- Non-relevant files such as metadata files that were not needed to create the webmap or calculate ecological statistics;
- Standalone tables, such as contact details of management authorities that came with datasets such as the EEA Natura 2000 database;
- MPA web-maps where data could not be extracted;
- Links that had expired or the data were offline;
- Reports that did not provide usable information for uploading to the database or webmap;
- Online databases that were searched for species or larval data but yielded nothing relevant;
- Data that were not marine specific (i.e. for general Natura 2000 sites).

The main data used to populate the GeoDatabase (which in turn allowed the creation of the interactive web map and the calculation of ecological statistics) was sourced from OSPAR's database of MPAs and associated spatial GIS data, and the EEA's Natura 2000 site database which was at an equally useful resolution for the challenge. The type of data obtained from these portals provided the geographical boundaries of sites (from the GIS shape files) and the size, location and area of sites (from the databases).

As the OSPAR database also noted the codes of Natura 2000 sites (often N2000 sites and OSPAR sites share the same designation), the OSPAR list was selected as the base for data collection in the study area. The NSCP boundary file provided by HR Wallingford was used to filter out MPAs outside of the study area in the creation of the web maps and overview maps (see Figures).

The base list was subsequently supplemented by national MPA designations not included in the OSPAR or Natura 2000 portals. This ensured good MPA coverage of the North Sea basin. Supplementary data has been sourced from the JNCC (for UK SPAs), Natural England (for UK MCZs and SSSIs), Ramsar portal (for Ramsar sites), France's AAMP (for national marine parks), the Norwegian Environment Agency (for national marine parks) and the IUCN World Database on Protected Areas for any other gaps.

Most of the species data that have been included in the drop-down menus on the webmap have been sourced from individual management authority webpages specific to each MPA, where these features are listed in the site plans. However, species data have also been extracted from the OSPAR MPA databases as these datasets cover the project area, albeit in point not spatial format. These display OSPAR's threatened or declining species and habitats in tables that can be easily linked to MPA sites names and included on the interactive map.

In the original brief, ecological coherency tests were meant to be conducted on both species and habitats data. As the species data for the project area was not available in geo-enabled form (i.e. not converted into usable shapefiles), statistics focused on spatial habitats data from OSPAR and EUSaMap.

Also originally proposed was an assessment of ecological connectivity between sites, where larval dispersal data might be modelled in combination with physical oceanographic data. There was a paucity of data on

larval dispersal for the species listed under the selected group of MPAs and thus connectivity was assessed by other means (see Section 6.1.2). Even if more data had been available, the complexity of modelling larval movements over such a large area with so many physical influences, was not in the scope of this challenge.

Information on the management of MPAs by nature is more difficult to source as it is not spatial and heavily relies on the level of political will in governments to form plans and publish these. The challenge had to focus on at least 8 sources of information (8 countries in the project brief) which led to inconsistencies and uncertainty in what information should be relevant to include on the GeoDatabase.

Often international MPA designations, such as the EU's Natura 2000 policy provided the most information on management across countries, where users could access similarly structured lists of conservation objectives and management plans, although these data were at a very coarse level. EUNIS and OSPAR provide very useful protected site summaries which gives basic designation information and the responsible management authority.

More detailed management information such as relevant legislative instruments and activity restrictions were simply not available for the majority of MPAs. Only where long-established national marine parks are present, have management plans been formed and made publically available.

5.2.2. Location – Does the data cover the correct time / space location?

In general the data selected for use in the MPA challenge covered the correct spatial, but often not the ideal temporal resolution.

Spatial resolution:

For a dataset to be at the correct spatial resolution for the challenge, it needed to provide the MPA boundary data layers for the MPAs listed inside the study area. GIS shape files (often downloaded in ESRI format) were easily editable in GIS programmes and could be clipped to fit the project boundary if datasets lay outside this zone. The OSPAR MPA spatial layer was used as a base file as it was provided via the portal in a form that was specific to marine sites and included Norway's MPAs (as opposed to the Natura 2000 sites layer which included terrestrial designations and EU-only designations).

As previously mentioned, these datasets were supplemented with those specifically relating to national MPA designations such as the UK MCZ dataset and global datasets useful for cross-checking the final list such as the IUCN World Database on Protected Areas marine extract dataset. Supplementing the OSPAR dataset was essential in providing full MPA coverage for this challenge, as national data providers had not submitted new designations to international organisations, such as OSPAR or the IUCN.

Species and habitat data (in point form) included in the data-popups on the webmap were sourced from the OSPAR MPA database and OSPAR threatened or declining habitats dataset. Annex I and II EU data were not available for the entire study area. Supplementary MPA boundary layers were even more difficult to source species from.

Spatial habitat data from OSPAR and EUSEaMap (albeit at a relatively coarse scale) was available for the study area and allowed the calculation of ecological coherence statistics. Other more detailed spatial habitat datasets are available online – for example local coastal seagrass habitat datasets – but they were not at the correct spatial resolution for this basin-wide, more general study of connectivity and ecological coherence.

Temporal resolution:

The more up-to-date the dataset, the more representative the outputs of this challenge would be of the North Sea MPA network. Often, temporal information was not provided with datasets. The OSPAR and EEA datasets are currently at least a year out-of-date (time of writing 17/04/2015; datasets represent end of 2013). Discussions with OSPAR have revealed the data will be updated (to display 2014 MPA data) mid-way through 2015 so it is recommended that the geodatabase provided in this challenge should be updated when this becomes available⁷. The EEA Natura 2000 datasets should also be due for an update.

It is the nature of the MPA designation process that creates time lags in the updating of datasets, as national bodies must submit information to international bodies, and more pertinently, MPA designations often come in tranches, such as the process seen in the UK's MCZ designation process. This also explains that lack of management information; the majority of new designations simply have not had management measures formulated for them.

5.2.3. Commercial – Are the commercial terms acceptable?

Yes, the commercial terms for addressing the challenge were acceptable; all data sets used for the challenge were free to download from various data portals. There are a significant amount of data relating to MPAs that is freely available to marine users and members of the public.

The only cost associated with the analysis presented in Section 6.1.2 is the use of a GIS software package to create GIS map outputs. The products presented in this report were created using ArcGIS software, although open source, free software is available to use, such as QGIS.

As the MPA challenge was mainly focused on the adequacy and quality of the data, the analysis component of the challenge was only ever meant to assess ecological coherence at a very coarse scale. More technical, detailed analyses of ecological coherence have been conducted on smaller groups of MPAs where detailed spatial datasets held by Non-Governmental Organisations (NGOs) and smaller data collection organisations are required and will only be released at cost.

5.2.4. Attributes – Does the data have the correct attributes?

During data collection the OSPAR set of MPAs was used as a starting point and some components were replaced where a newer source was identified (e.g. UK MCZs). During this process it was found that there were considerable overlaps between data providers such as the EEA and the IUCN. However, this was easily dealt with in GIS processing and avoided major gaps in the MPA network of the North Sea. The attributes of the MPA boundary layers discovered during this challenge were generally appropriate, as they are simple spatial files that can be edited to fit a user's needs.

Some data were too coarse to be able to conduct even the simplest tests of ecological coherence, such as connectivity of species between MPAs. Larval data from sporadic sampling locations could not be applied to the whole North Sea basin with accuracy, and point species data from the OSPAR and EEA databases did not cover the whole network and more relevantly, were not in spatial format. Coarse, spatial habitats data from OSPAR did have the correct attributes to conduct simple connectivity tests although it must be noted that the coarse OSPAR habitats data are not likely to be fully representative of the habitat distribution in the

⁷ Please contact tom.mullier@marinemapping.org for details instructions to use this database.

North Sea and the maximum 80km buffers applied will fully account for environmental variability and habitat diversity.

Detailed management information was sparse and unlike for species, geographical and habitat data, was not provided in MPA databases. Management data is currently available in a very general form for the network, such as webpages introducing general conservation objectives under Natura 2000.

5.2.5. Delivery - Can the data be provided to match the timeframe of the challenge?

Generally there were very few issues with data delivery. Various data sets, when found, were often immediately downloadable (in a few cases users were required to register with the data provider), without cost, and in a format that was readable on most basic computer systems (e.g. Excel sheets, GIS programmes). Metadata for GIS data sets was almost always available.

However some issues were identified:

1. Management data, such as management plans for MPAs, and details other than the legislative authorities for the MPAs, were very difficult to find. This information was not provided on the OSPAR and Natura databases. Information was also often not provided upon request.
2. The Belgian GIS data (provided by the MUMM) is currently offline which may have provided more up-to-date local MPA designations.
3. Websites providing data assume that the user has the correct IT systems to read and use the data, such as GIS programmes and basic Microsoft programmes. The OSPAR MPA database is also relatively complex, with many functions, queries and tables available to edit. There appears to be no instruction guide and again, the website assumes the user is competent in database manipulation.
4. Searching the various EMODnet portals, it was difficult to find specific information relating to MPAs but this is mainly due to the coarse nature of the analysis in the MPA Challenge and many of the complex datasets available in these portals were not needed.

5.2.6. Usability – Is the data format and supporting information suitable?

Most of the datasets used for the MPA Challenge are spatial (mostly ESRI shape files) and in order to view these files, the user has to have access to GIS software to do this. Open access, free GIS programmes like QGIS are an option for this. Opening the files is not the main issue, however. Specialist knowledge is required to correctly use and edit the GIS data to create the desired maps. Nevertheless, when the spatial datasets collected for this Challenge were opened, they were generally in the correct projection for editing.

Other data formats encountered during data gathering were easily handled, such as Microsoft Excel and Access files.

Another issue is that many websites are not in English and as a result, it took time to navigate pages to obtain data and inevitably some important information will have been missed. However, Google Translate provides enough accuracy to do this and several languages are spoken in the project team so this is not a major issue.

5.3. Key Data Gaps

Through the OSPAR and Natura databases, portals and spatial GIS files, most of the basic (such as point species and habitats data and MPA boundary files) data needed for this challenge have been obtained. The spatial files could be easily filtered for the study area and the OSPAR MPA boundary layer was supplemented with layers for national MPA designations (such as the UK MCZ boundary layer) and as such, good spatial coverage was obtained.

There were however, gaps in management information. This is not readily available on a site by site basis from any country. Information is only available at a very basic level stating designation level, some conservation objectives and a statement of the relevant management authority. In very few cases was information available relating to spatial restrictions within a protected site, such as fishing restrictions and activity limitations, although this is likely a product of slow progress of national governments in implementing management measures for MPAs as many are still in the planning and stakeholder consultation phases.

Requests for information from national agencies aimed to fill these gaps and while these proved successful in some cases such as France, Sweden and the Netherlands where the agency responsible for designation of the site at either a national and federal level was available, access to data from Norway, Denmark and Belgium proved difficult. In Belgium for example, the fragmentation in the management of MPAs at a national level with competencies for different aspects of management split between various governments departments led to challenges in accessing all relevant data.

There are also large gaps in spatial species distribution data at a basin-wide level, particularly for the Annex I and II species listed in the MPAs relevant to the challenge. Spatial species distribution data are available at this level of detail for some regions in the study area, such as CEFAS fish spawning ground data in the UK, as dedicated research projects and data collection programmes have made these datasets available. The patchiness in these types of data for the majority of the study area restrict an assessments of ecological coherence for species.

The MPA challenge originally intended to assess connectivity (one test of ecological coherence) through the collection of larval data, and used in combination with physical oceanographic data to model the connectivity of certain species between protected sites. In the very first stages of data collection it became apparent that larval data for the species relevant to this study are very patchy. More importantly however, it is particularly challenging to apply the principles of connectivity in practice as hydrographic conditions are naturally highly variable and are too complex for the level of assessment in this study.

Ecological coherence test statistics used in this challenge have used EUSaMap and OSPAR sourced spatial habitat data which although cover the study area, are at quite low resolution and do not likely represent the full extent of those habitats, there being more detailed habitat data available.

5.4. Country MPA Information Points

Table 5.2: Datasets from individual countries

Country	Central information source?	Data accessible?	Provided to international bodies?	Which international body?	Main MPA data/info sources used for Challenge
Belgium	No. The EC lists at least 5 sites for Natura 2000 site information ⁸ .	No. Only basic information on the network.	Yes – European Commission and OSPAR are sent information and data by Member States.	European Commission, OSPAR	Coastalatlas.be ⁹ and health.belgium ¹⁰
Denmark	Yes. Naturstyrelsen.dk ¹¹	Some. Management information available but GIS data provided via other portals.	“	“	Geodatastyrelsen ¹² and Naturstyrelsen.dk ¹¹
France	Yes. Agence des aires marines protégées ¹³	Yes.	“	“	Cartographie.aire-marines ¹⁴
Germany	Yes. German Federal Agency for Nature	No. Only basic information	“	“	Bundesamt für Naturschutz (BfN) ¹⁵

⁸ European Commission Natura 2000 links to Member States' Natura 2000 webpages:
http://ec.europa.eu/environment/nature/natura2000/db_gis/index_en.htm

⁹ http://www.coastalatlas.be/map/?lan=en&theme_id=30

¹⁰

http://www.health.belgium.be/eportal/Environment/MarineEnvironment/TheMarineEnvironPolicy/WorkingInAnInternational/BirdsAndHabitats/AreaPolicy/BirdsDirectiveAreas/19087529_EN?ie2Term=North%20Sea&ie2section=83#.VbtCRfIVikr

¹¹ <http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/>

¹² <http://download.kortforsyningen.dk/content/natura2000-basisanalyse-2013>

¹³ <http://www.aire-marines.fr/>

¹⁴ <http://cartographie.aire-marines.fr/viewer/index.php>

	Conservation (BfN) ¹⁵	on the network.			
Norway	Yes. Norwegian Environment Agency ¹⁶	Yes.	Yes	OSPAR	Kartkatalog ¹⁷
Sweden	Yes. Havochvatten.se ¹⁸	Some. Management information available but GIS data provided via other portals.	Yes – European Commission and OSPAR are sent information and data by Member States.	European Commission, OSPAR	Geodata.se ¹⁹
The Netherlands	Yes. Noordzeeloket ²⁰	No. Only basic information on the network.	“	“	Synbiosys ²¹
UK	Yes. JNCC ²²	Yes.	“	“	JNCC ²³

Table 5.2 above shows that most countries do have a central information point for protected areas but this often does not provide access to GIS data, or links to the portals which did eventually provide it. EU Member States (not including Norway) must provide information on their Natura 2000 sites. It is unknown which international organisations collect nationally designated MPA information from European countries.

The analysis of the OSPAR Network of MPAs is based upon the data and information that has been provided by Contracting Parties (including Norway) in the process of nominating their MPAs to the OSPAR Commission and subsequently to the OSPAR database of Marine Protected Areas held at the German Federal Agency for Nature Conservation (BfN). As many of the MPAs designated and proposed are under European legislation and Natura 2000, Member States will be providing very similar information and data to OSPAR.

¹⁵ http://www.bfn.de/0316_natura2000.html

¹⁶ <http://www.miljodirektoratet.no/no/Tjenester-og-verktoy/Database/Naturbase/>

¹⁷ http://kartkatalog.miljodirektoratet.no/map_catalog_dataset.asp?datasetid=502&download=yes

¹⁸ <https://www.havochvatten.se/hav/fiske--fritid/skyddade-omraden.html>

¹⁹ <https://www.geodata.se/GeodataExplorer/GetMetaData?UUID=a80bf3d7-e70c-42d1-9b8d-8148e53e011d>

²⁰ http://www.noordzeeloket.nl/functionalities-en-gebruik/natuur_en_biodiversiteit/index.aspx

²¹ <http://www.synbiosys.alterra.nl/natura2000/>

²² <http://jncc.defra.gov.uk/marineprotectedareas>

²³ http://jncc.defra.gov.uk/protectedsites/SACselection/gis_data/terms_conditions.asp

6. Discussion and Conclusions

6.1. Discussion

The key question of the MPA challenge was:

'Are the available data sufficient to predict the ecological coherence of a network of MPAs and how representative they might be of the wider North Sea environment'

In summary, the available data are not sufficient to *fully* predict the ecological coherence of the North Sea MPA network, yet single aspects of ecological coherency, such as representivity (see Section 3) can be assessed, and the geographic mapping of the network can be completed using the data available.

The quality assessment of data was an ongoing process, based on the accessibility of data, costs, relevance, usability and usefulness via the data gathering, mapping and analysis stages of the challenge.

Some key points regarding the data adequacy for the North Sea have been identified through the completion of the MPA challenge:

- Around 30% of datasets screened in this challenge were used in the analysis. Datasets that did not contain the correct parameters included standalone tables in MPA databases listing irrelevant information such as contact details, some metadata files that are used solely for reference, spatial species or habitat distribution data that are localised and not basin-wide, MPA webmaps without download functions, shapefiles in the wrong projection, management information that was over 5 years out of date and datasets that included terrestrial protected sites. **Contribution**
- There is no single updated set of spatial MPA boundaries for the North Sea so a base list from OSPAR needed to be supplemented with other datasets, including international RAMSAR sites and national UK MCZs, amongst others. These are all up-to-date to different years. The NSCP MPA Challenge dataset is assumed to be the most complete and up-to-date list of MPAs in the North Sea. **Contribution and Location**
- Most of the species data used in this challenge (more specifically, listed in the drop-down menus on the webmap) have been sourced from webpages specific to each MPA, such as the individual information pages the RAMSAR site information service provides. Spatial species data were not available basin-wide, so ecological coherency statistics could not be calculated for species. Spatial data were available for the entire study region and North Sea for OSPAR and EUNIS level habitat classifications. These datasets contributed more significantly to the MPA ecological coherency analysis. **Contribution**
- There was a paucity of basin-wide larval data on which to base ecological coherency connectivity analyses, so connectivity analyses have been based on the spatial habitat datasets, using much simpler connectivity tests. **Contribution**
- There were a paucity of detailed management measures (including information such as closed off conservation areas, fishing restrictions and marine user limitations) for the majority of MPAs, due to the slow progress of designation and consultation that leads to such measures being created. Where a separate authority has been assigned to manage an MPA, such as for marine national parks, processes are faster, management measures are actively implemented on the site and have been published. Apart from this, only basic management information has been provided for other types of MPA designation, which is provided on sites such as EUNIS, protected planet and national conservation bodies such as Natural England or the AAMP (the French Marine Protected Areas Agency). **Contribution**

- In general, datasets were at the correct spatial resolution for the challenge. MPA boundary shapefiles are easily edited in GIS software, when adding new supplementary layers to base layers, when clipping files to the study area, and when removing overlaps. **Location**
- Not all datasets were up-to-date (to within a year) as organisations such as the EEA and OSPAR tend to update their databases and associated shape files every two years. However, the designation process (which often happens over a number of years in batches) is slow and our database is assumed to be a good representation of the current network. **Temporal**
- All 35 datasets and information pages used for the challenge were free to download or view from various data portals and websites. MPA related data are freely available to marine users wishing to conduct basic analyses. **Commercial**
- Generally datasets and information were delivered in a few clicks and only in a handful of cases, were users required to register with an organisation to obtain data. However, getting to these data was often a more difficult process, particularly in the case of management and specific feature information (species and habitats) where individual MPA webpages must be found, often in a variety of languages. **Delivery**
- Most spatial datasets available for North Sea MPAs are readable in GIS software, providing the user is trained in these systems. Other datasets were compatible with spreadsheet and database software. Other information required for this challenge was just from websites or reports, although needed translation in some cases. **Usability**

6.2. Conclusions

The main conclusion for this Challenge was that general information on Marine Protected Areas in the North Sea basin is good, particularly if sites are subject to European legislation, whereas it is more difficult to determine whether the MPA network is well connected. Other key conclusions have been made:

- Some aspects of ecological coherency could be assessed using the data available from the 8 countries in the North Sea, such a representivity, connectivity and features and representivity, which relied on a basin-wide habitat distribution dataset. These could not be conducted for the species listed in the MPAs in the study area. The additional lack of detailed information on the management of sites means that it remains impossible at this time to comprehensively conclude on the extent to which OSPAR MPAs are well-managed. While in general a number of sites are subject to management regimes, including conservation objectives, management plans and specific regulatory measures, no evidence on their effectiveness in achieving the goals for which these were established has been provided. Management plans and measures for many sites are still being prepared and it is recommended that a dedicated data collection exercise is conducted on this network, using this study as a base, to identify progress and gaps in the creation of management plans and implementation of management measures resulting from these.
- The data available for MPAs in the North Sea have been collated into an interactive webmap, containing links to management authority website enabling users to keep up-to-date with progress.
- To conduct basic analyses of ecological coherency in an MPA network, the information required appears to be very accessible to marine users as data are without cost, immediately available and analysable, providing the users has training in GIS software and calculations from its manipulation.
- There are a plethora of national and international data sources provided through national and international organisations in the North Sea, and with more time dedicated to updating EMODnet and EU data portals, on the basis of challenges like this, we could obtain a representative picture of the network.

7. References

- Ardron, J. A. (2008). The challenge of assessing whether the OSPAR network of marine protected areas is ecologically coherent. *Hydrobiologia* (2008) 606:45–53.
- Catchpole, R. (2012). Ecological Coherence Definitions in policy and Practice – Final Report SNH 41102.
- Edgar, G.J., Stuart-Smith, R.D. Willis, T.J. Kininmonth, S. Baker S.C., Banks, S. and Barrett. N.S. (2014) Global conservation outcomes depend on marine protected areas with five key features. *Nature* **506** 216-220.
- European Commission (2015). Legislation: the Marine Directive [Online]. Available: http://ec.europa.eu/environment/marine/eu-coast-and-marine-policy/marine-strategy-framework-directive/index_en.htm [Accessed 15.04.2015].
- Halpern, B. S. (2014) Conservation: making marine protected areas work *Nature* **506** 167-168.
- HELCOM, 2010. Towards an ecologically coherent network of well-managed Marine Protected Areas – Implementation report on the status and ecological coherence of the HELCOM BSPA network. Baltic Sea Environment Proceedings No. 124B.
- Johnson, D., Ardron, J., Billett, D., Hooper, T., Mullier, T., Chaniotis, P., & Corcoran, E. (2014). When is a marine protected area network ecologically coherent? A case study from the North-east Atlantic. *Aquatic Conservation: Marine and Freshwater Ecosystems*, 24(S2), 44-58.
- Lieberknecht L., Mullier T. and Ardon J. (2014). Assessment of the ecological coherence of the UK's marine protected area network. [Online]. Available: http://www.wcl.org.uk/docs/ECN_MPA_report_for_Joint_Links.pdf [Accessed 15.04.2015].
- Moksnes P, Jonsson P, Jacobi MN, Vikstrom K. 2014. Larval Connectivity and Ecological Coherence of Marine Protected Areas (MPAs) in the Kattegat-Skagerrak Region. Swedish Institute for the Marine Environment Report No. 2014–2. Swedish Agency for Marine and Water Management.
- Natural England and the Joint Nature Conservation Committee (2010). The Marine Conservation Zone Project: Ecological Network Guidance. Sheffield and Peterborough, UK.
- OSPAR. 2003a. Guidelines for the identification and selection of marine protected areas in the OSPAR maritime area (reference number: 2003–17).
- OSPAR, 2003b. Guidance for the management of marine protected areas in the OSPAR Maritime Region. (Reference number 2003-18).
- OSPAR (2006). Guidance on developing an ecologically coherent network of OSPAR marine protected areas (Reference number 2006-3).
- OSPAR. (2008). A matrix approach to assessing the ecological coherence of the OSPAR MPA network. MASH 08/5/6-E.
- OSPAR. (2013). Status Report on the OSPAR Network of Marine Protected Areas 2012. Publication Number 618/2013.
- OSPAR, 2014. Draft Status report on the OSPAR Network of Marine Protected Areas 2014 (in prep).
- Roberts, C.M., Hawkins, J.P., Fletcher, J., Hands, S., Raab, K., Ward, S. 2010. Guidance on the size and spacing of Marine Protected Areas in England. Natural England Commissioned Report NECR037.

Appendices

A. List of organisations contacted

Country	Contact	Agency	Email
Denmark	Marie-Louise Krawack	Danish Ministry of the Environment	makra@nst.dk
France	Sophie Caplanne	Agence des aires marines protégées	sophie.caplanne@aires-marines.fr
Germany	Stephan Lutter	WWF Germany	Stefan.lutter@wwf.de
Netherlands	Ton Ijlstra	Department of Nature conservation and Biodiversity	A.H.Ijlstra@minez.nl
Sweden	Lena Tingstrom	Department for Marine and Water Management	lena.tingstrom@havochvatten.se
UK	Mark Tasker	JNCC	mark.tasker@jncc.gov.uk
International	Emily Corcoran	OSPAR Secretariat	Emily.corcoran@ospar.org

B. GeoDatabase metadata export

ME_UID	mpa_name	mpa_designation	mpa_source	mpa_date_or_version	mpa_status	mpa_cp	mpa_n2k_id	mpa_other_id	mpa_data_license	mgmt_MPA_OSPA R_ID	mgmt_MPA_Name	mgmt_Natura_200 Site_Code	mgmt_Country
ME_UID_1	S-H Wadden sea National Park	National Park	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		DE	DE0916491		No license provided with download	DE0916491	National Park "S-H Wadden Sea"	DE0916491	Germany
ME_UID_2	Doggerbank	SPA	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		DE	DE1003301		No license provided with download	DE1003301	Doggerbank	DE1003301	Germany
ME_UID_3	Sylt.Aussenr.-Oestl.Dt.Bucht	SCI	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		DE	DE1209301		No license provided with download	DE1209301	Sylter Aussenriff / Oestliche Deutsche Bucht	DE1209301	Germany
ME_UID_4	S-H Seabird Protection Area	SPA	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		DE	DE1813491		No license provided with download	DE1813491	Seabird protection area "Seevogelschutzgebiet Helgoland" - Helgoland and adjacent waters	DE1813491	Germany
ME_UID_5	Borkum-Riffgrund	SCI	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		DE	DE2104301		No license provided with download	DE2104301	Borkum-Riffgrund	DE2104301	Germany
ME_UID_6	Nationalpark Niedersächsisches Wattenmeer	Marine park	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		DE	DE2306301		No license provided with download	DE2306301	National Park "Lower Saxony Wadden Sea"	DE2306301	Germany
ME_UID_7	Iroise	SPA	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		FR	FR009		No license provided with download	FR009	Iroise marine Natural Park	<Null>	France
ME_UID_8	Baie de Somme	SPA	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		FR	FR2210068		No license provided with download	FR2210068	Reserve Naturelle Nationale de la Baie de Somme	FR2210068	France
ME_UID_9	Domaine de Beauguillot	SCI	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		FR	FR2510046		No license provided with download	FR2510046	Réserve Naturelle Nationale du Domaine de Beauguillot	FR2510046	France
ME_UID_10	Baie de Saint-Brieuc	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		FR	FR5300066		No license provided with download	FR5300066	Réserve Naturelle de la baie de Saint Brieuc	FR5300066	France
ME_UID_11	Noordzeekustzone	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		NL	NL2003062		No license provided with download	NL2003062	Noordzee Kustzone	NL2003062	Netherlands
ME_UID_12	Doggerbank	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		NL	NL2008001		No license provided with download	NL2008001	Doggersbank	NL2008001	Netherlands
ME_UID_13	Klaverbank	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		NL	NL2008002		No license provided with download	NL2008002	Klaverbank	NL2008002	Netherlands
ME_UID_14	Vlakte van de Raan	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		NL	NL2008003		No license provided with download	NL2008003	Vlakte van de Raan	NL2008003	Netherlands
ME_UID_15	Voordelta	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		NL	NL4000017		No license provided with download	NL4000017	Voordelta	NL4000017	Netherlands
ME_UID_16	Kungsbackafjorden	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		SE	SE0510058		No license provided with download	SE0510058	Kungsbacka fjord	SE0510058	Sweden
ME_UID_17	Lilla Middelgrund	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		SE	SE0510126		No license provided with download	SE0510126	Lilla Middelgrund	SE0510126	Sweden
ME_UID_18	Fladen	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		SE	SE0510127		No license provided with download	SE0510127	Fladen	SE0510127	Sweden
ME_UID_19	Stora Middelgrund och Röde bank	SCI	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		SE	SE0510186		No license provided with download	SE0510186	Stora Middelgrund and Röde bank	SE0510186	Sweden
ME_UID_20	Morups bank	SCI	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		SE	SE0510187		No license provided with download	SE0510187	Morups bank	SE0510187	Sweden
ME_UID_21	Nordre älvs estuarium	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		SE	SE0520043		No license provided with download	SE0520043	Nordre älv estuary	SE0520043	Sweden
ME_UID_22	Kosterfjorden-Väderöfjorden	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		SE	SE0520170		No license provided with download	SE0520170	Koster-Väderö archipelago	SE0520170	Sweden
ME_UID_23	Gullmarsfjorden	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		SE	SE0520171		No license provided with download	SE0520171	Gullmarn fjord	SE0520171	Sweden
ME_UID_24	Vlaamse Banken , SBZ 1 and SBZ2	SPA	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		BE	BEMNZ00123		No license provided with download	BEMNZ00123	Vlaamse Banken , SBZ 1 and SBZ2	BEMNZ123	Belgium
ME_UID_25	SBZ3	SPA	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		BE	BEMNZ0004		No license provided with download	BEMNZ0004	SBZ3	BEMNZ0004	Belgium
ME_UID_26	Estuaire de la Seine	SCI	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		FR	FR2300121		No license provided with download	FR2300121	Reserve Naturelle de l'Estuaire de la Seine	FR2300121	France
ME_UID_27	Littoral Cauchois	SCI	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		FR	FR2300139		No license provided with download	FR2300139	Littoral Cauchois	FR2300139	France
ME_UID_28	Récifs et marais arrière-littoraux du cap Lévi à la Pointe de Saire	SCI	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		FR	FR2500085		No license provided with download	FR2500085	Récifs et marais arrière-littoraux du Cap Lévi à la Pointe de Saire	FR2500085	France
ME_UID_29	Tatihou - Saint-Vaast-la-Hougue	SCI	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		FR	FR2500086		No license provided with download	FR2500086	Tatihou - Saint-Vaast-la-Hougue	FR2500086	France
ME_UID_30	Marais du Cotentin et du Bessin - Baie des Veys	SCI	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		FR	FR2500088		No license provided with download	FR2500088	Marais du Cotentin et du Bessin - Baie des Veys	FR2500088	France
ME_UID_31	Baie de Seine occidentale	SCI	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		FR	FR2502020		No license provided with download	FR2502020	Baie de Seine occidentale	FR2502020	France
ME_UID_32	Bancs des Flandres	SCI	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		FR	FR3102002		No license provided with download	FR3102002	Bancs des Flandres	FR3102002	France

ME_UID_33	Côte de Granit rose-Sept-Iles	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		FR	FR5300009		No license provided with download	FR5300009	Côte de Granit rose-Sept-Iles	FR5300009	France
ME_UID_34	Tregor Goëlo	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		FR	FR5300010		No license provided with download	FR5300010	Tregor Goëlo	FR5300010	France
ME_UID_35	Baie de Morlaix	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		FR	FR5300015		No license provided with download	FR5300015	Baie de Morlaix	FR5300015	France
ME_UID_36	Abers - Côtes des légendes	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		FR	FR5300017		No license provided with download	FR5300017	Abers - Côtes des légendes	FR5300017	France
ME_UID_37	Falaise du Bessin Occidental	SPA	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		FR	FR2510099		No license provided with download	FR2510099	Falaise du Bessin Occidental	FR2510099	France
ME_UID_38	Côte de Granit Rose-Sept Iles	SPA	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		FR	FR5310011		No license provided with download	FR5310011	Réserve Naturelle Nationale des Sept Îles	FR5310011	France
ME_UID_39	Havstensfjord	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		SE	SE0520173		No license provided with download	SE0520173	Havstensfjorden	SE0520173	Sweden
ME_UID_40	Bratten	SCI	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		SE	SE0520189		No license provided with download	SE0520189	Bratten	SE0520189	Sweden
ME_UID_41	Ytre Hvaler	Marine National Park	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		N	N010		No license provided with download	N010	Ytre Hvaler	n/a	Norway
ME_UID_42	Breisunddjupet		OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		N	N014		No license provided with download	N014	Breisunddjupet	n/a	Norway
ME_UID_43	Dornoch Firth and Loch Fleet	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9001622		UK Open Government License	UK9001622	Cromarty Firth SPA	UK9001622	United Kingdom
ME_UID_44	Cromarty Firth	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9001623		UK Open Government License	UK9001623	Inner Moray Firth SPA	UK9001623	United Kingdom
ME_UID_45	Inner Moray Firth	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9001624		UK Open Government License	UK9001624	Moray and Nairn Coast SPA	UK9001624	United Kingdom
ME_UID_46	Moray and Nairn Coast	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9001625		UK Open Government License	UK9001625	Hermaness, Saxa Vord and Valla Field SPA	UK9001625	United Kingdom
ME_UID_47	East Sanday Coast	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9002331		UK Open Government License	UK9002331	Rousay SPA	UK9002331	United Kingdom
ME_UID_48	Firth of Tay & Eden Estuary	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9004121		UK Open Government License	UK9004121	St Abb's Head to Fast Castle SPA	UK9004121	United Kingdom
ME_UID_49	Lindisfarne	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9006011		UK Open Government License	UK9006011	Humber Estuary SPA	UK9006011	United Kingdom
ME_UID_50	Teesmouth and Cleveland Coast	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9006061		UK Open Government License	UK9006061	The Wash SPA	UK9006061	United Kingdom
ME_UID_51	Humber Estuary	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9006111		UK Open Government License	UK9006111	Gibraltar Point SPA	UK9006111	United Kingdom
ME_UID_52	The Wash	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9008021		UK Open Government License	UK9008021	North Norfolk Coast SPA	UK9008021	United Kingdom
ME_UID_53	Gibraltar Point	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9008022		UK Open Government License	UK9008022	Alde - Ore Estuary SPA	UK9008022	United Kingdom
ME_UID_54	Alde-Ore Estuary	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9009112		UK Open Government License	UK9009112	Hamford Water SPA	UK9009112	United Kingdom
ME_UID_55	Stour and Orwell Estuaries	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9009121		UK Open Government License	UK9009121	Benfleet and Southend Marshes SPA	UK9009121	United Kingdom
ME_UID_56	Hamford Water	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9009131		UK Open Government License	UK9009131	Breydon Water SPA	UK9009131	United Kingdom
ME_UID_57	Benfleet and Southend Marshes	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9009171		UK Open Government License	UK9009171	Dengie (Mid-Essex Coast Phase 1) SPA	UK9009171	United Kingdom
ME_UID_58	Dengie (Mid-Essex Coast Phase 1)	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9009242		UK Open Government License	UK9009242	Crouch and Roach Estuaries (Mid-Essex Coast Phase 3) SPA	UK9009242	United Kingdom
ME_UID_59	Colne Estuary (Mid-Essex Coast Phase 2)	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9009243		UK Open Government License	UK9009243	Blackwater Estuary (Mid-Essex Coast Phase 4) SPA	UK9009243	United Kingdom
ME_UID_60	Crouch and Roach Estuaries (Mid-Essex Coast Phase 3)	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9009244		UK Open Government License	UK9009244	Foulness (Mid-Essex Coast Phase 5) SPA	UK9009244	United Kingdom
ME_UID_61	Blackwater Estuary (Mid-Essex Coast Phase 4)	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9009245		UK Open Government License	UK9009245	Deben Estuary SPA	UK9009245	United Kingdom
ME_UID_62	Exe Estuary	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9010081		UK Open Government License	UK9010081	The Swale SPA	UK9010081	United Kingdom
ME_UID_63	Tamar Estuaries Complex	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9010141		UK Open Government License	UK9010141	Thames Estuary and Marshes SPA	UK9010141	United Kingdom
ME_UID_64	The Swale	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9012011		UK Open Government License	UK9012011	Medway Estuary and Marshes SPA	UK9012011	United Kingdom
ME_UID_65	Thames Estuary and Marshes	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9012021		UK Open Government License	UK9012021	Pagham Harbour SPA	UK9012021	United Kingdom
ME_UID_66	Medway Estuary and Marshes	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9012031		UK Open Government License	UK9012031	Thanet Coast and Sandwich Bay SPA	UK9012031	United Kingdom
ME_UID_67	Buchan Ness to Collieston Coast	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9002491		UK Open Government License	UK9002491	Sumburgh Head SPA	UK9002491	United Kingdom

ME_UID_68	Calf of Eday	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9002431		UK Open Government License	UK9002431	Troup, Pennan and Lion`s Heads SPA	UK9002431	United Kingdom
ME_UID_69	Copinsay	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9002151		UK Open Government License	UK9002151	Sule Skerry and Sule Stack SPA	UK9002151	United Kingdom
ME_UID_70	East Caithness Cliffs	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9001182		UK Open Government License	UK9001182	East Caithness Cliffs SPA	UK9001182	United Kingdom
ME_UID_71	Fair Isle	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9002091		UK Open Government License	UK9002091	West Westray SPA	UK9002091	United Kingdom
ME_UID_72	Fetlar	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9002031		UK Open Government License	UK9002031	Foula SPA	UK9002031	United Kingdom
ME_UID_73	Forth Islands	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9004171		UK Open Government License	UK9004171	Firth of Forth SPA	UK9004171	United Kingdom
ME_UID_74	Foula	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9002061		UK Open Government License	UK9002061	Noss SPA	UK9002061	United Kingdom
ME_UID_75	Fowlsheugh	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9002271		UK Open Government License	UK9002271	East Sanday Coast SPA	UK9002271	United Kingdom
ME_UID_76	Hermaness, Saxa Vord and Valla Field	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9002011		UK Open Government License	UK9002011	Fetlar SPA	UK9002011	United Kingdom
ME_UID_77	Hoy	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9002141		UK Open Government License	UK9002141	Copinsay SPA	UK9002141	United Kingdom
ME_UID_78	Marwick Head	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9002121		UK Open Government License	UK9002121	Hoy SPA	UK9002121	United Kingdom
ME_UID_79	North Caithness Cliffs	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9001181		UK Open Government License	UK9001181	North Caithness Cliffs SPA	UK9001181	United Kingdom
ME_UID_80	Noss	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9002081		UK Open Government License	UK9002081	Fair Isle SPA	UK9002081	United Kingdom
ME_UID_81	Rousay	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9002371		UK Open Government License	UK9002371	Calf of Eday SPA	UK9002371	United Kingdom
ME_UID_82	St Abb`s Head to Fast Castle	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9004271		UK Open Government License	UK9004271	Upper Solway Flats and Marshes SPA	UK9004271	United Kingdom
ME_UID_83	Sule Skerry and Sule Stack	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9002181		UK Open Government License	UK9002181	Fowlsheugh SPA	UK9002181	United Kingdom
ME_UID_84	Troup, Pennan and Lion`s Heads	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9002471		UK Open Government License	UK9002471	Buchan Ness to Collieston Coast SPA	UK9002471	United Kingdom
ME_UID_85	West Westray	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9002101		UK Open Government License	UK9002101	Marwick Head SPA	UK9002101	United Kingdom
ME_UID_86	Farvandet nord for Anholt	SPA	EEA	EEA N2K download, version end2013 rev1	<Null>	DK	DK00DX032	<Null>	No license provided with download	DK00DX032	Farvandet nord for Anholt	DK00DX032	Denmark
ME_UID_87	Læsø, sydlige del	SPA	EEA	EEA N2K download, version end2013 rev1	<Null>	DK	DK00FX345	<Null>	No license provided with download	DK00FX345	Læsø, sydlige del	DK00FX345	Denmark
ME_UID_88	Sydlige Nordsø	SAC	EEA	EEA N2K download, version end2013 rev1	<Null>	DK	DK00VA347	<Null>	No license provided with download	DK00VA347	Sydlige Nordsø	DK00VA347	Denmark
ME_UID_89	Hesselø med omliggende stenrev	SPA	EEA	EEA N2K download, version end2013 rev1	<Null>	DK	DK003X202	<Null>	No license provided with download	DK003X202	Hesselø med omliggende stenrev SAC	DK003X202	Denmark
ME_UID_90	Anholt og havet nord for	SAC	EEA	EEA N2K download, version end2013 rev1	<Null>	DK	DK00DX146	<Null>	No license provided with download	DK00DX146	Anholt og havet nord for	DK00DX146	Denmark
ME_UID_91	Strandenge på Læsø og havet syd herfor	SAC	EEA	EEA N2K download, version end2013 rev1	<Null>	DK	DK00FX010	<Null>	No license provided with download	DK00FX010	Strandenge på Læsø og havet syd herfor	DK00FX010	Denmark
ME_UID_92	Havet omkring Nordre Rønner	SAC	EEA	EEA N2K download, version end2013 rev1	<Null>	DK	DK00FX257	<Null>	No license provided with download	DK00FX257	Havet omkring Nordre Rønner	DK00FX257	Denmark
ME_UID_93	Herthas Flak	SAC	EEA	EEA N2K download, version end2013 rev1	<Null>	DK	DK00VA248	<Null>	No license provided with download	DK00VA248	Herthas Flak	DK00VA248	Denmark
ME_UID_94	Læsø Trindel og Tønneberg Banke	SAC	EEA	EEA N2K download, version end2013 rev1	<Null>	DK	DK00VA249	<Null>	No license provided with download	DK00VA249	Læsø Trindel and Tønneberg Banke	DK00VA249	Denmark
ME_UID_95	Kims Top og den Kinesiske Mur	SAC	EEA	EEA N2K download, version end2013 rev1	<Null>	DK	DK00VA247	<Null>	No license provided with download	DK00VA247	Kims Ryg	DK00VA247	Denmark
ME_UID_96	Knudegrund	SAC	EEA	EEA N2K download, version end2013 rev1	<Null>	DK	DK00VA302	<Null>	No license provided with download	DK00VA302	Knudegrund	DK00VA302	Denmark
ME_UID_97	Schultz og Hastens Grund samt Briseis Flak	SAC	EEA	EEA N2K download, version end2013 rev1	<Null>	DK	DK00VA303	<Null>	No license provided with download	DK00VA303	Hastens Grund	DK00VA303	Denmark
ME_UID_98	Lønstrup Rødgrund	SAC	EEA	EEA N2K download, version end2013 rev1	<Null>	DK	DK00VA301	<Null>	No license provided with download	DK00VA301	Lønstrup Rødgrund	DK00VA301	Denmark
ME_UID_99	Sandbanker ud for Thorsminde	SAC	EEA	EEA N2K download, version end2013 rev1	<Null>	DK	DK00VA341	<Null>	No license provided with download	DK00VA341	Sandbanker ud for Thorsminde	DK00VA341	Denmark
ME_UID_100	Lysegrund	SAC	EEA	EEA N2K download, version end2013 rev1	<Null>	DK	DK00VA299	<Null>	No license provided with download	DK00VA299	Lysegrund	DK00VA299	Denmark
ME_UID_101	Sandbanker ud for Thyborøn	SAC	EEA	EEA N2K download, version end2013 rev1	<Null>	DK	DK00VA340	<Null>	No license provided with download	DK00VA340	Sandbanker ud for Thyborøn	DK00VA340	Denmark
ME_UID_102	Tregor Goëlo	SPA with marine component(s)	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		FR	FR5310070		No license provided with download	<Null>	Tregor Goëlo	<Null>	France

ME_UID_103	Studland to Portland SAC	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		UK			No license provided with download	<Null>	Studland to Portland SAC	<Null>	UK
ME_UID_104	Lands End and Cape Bank SAC	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		UK			No license provided with download	<Null>	Lands End and Cape Bank SAC	<Null>	UK
ME_UID_105	Lyme Bay and Torbay SAC	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		UK			No license provided with download	<Null>	Lyme Bay and Torbay SAC	<Null>	UK
ME_UID_106	Margate and Long Sands SAC	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		UK			No license provided with download	<Null>	Margate and Long Sands SAC	<Null>	UK
ME_UID_107	Lizard Point SAC	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		UK			No license provided with download	<Null>	Lizard Point SAC	<Null>	UK
ME_UID_108	Berwickshire and North Northumberland Coast SAC	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		UK			No license provided with download	<Null>	Berwickshire and North Northumberland Coast SAC	<Null>	UK
ME_UID_109	Dornoch Firth and Morrich More SAC	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		UK			No license provided with download	<Null>	Dornoch Firth and Morrich More SAC	<Null>	UK
ME_UID_110	Faray and Holm of Faray SAC	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		UK			No license provided with download	<Null>	Faray and Holm of Faray SAC	<Null>	UK
ME_UID_111	Firth of Tay and Eden Estuary SAC	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		UK			No license provided with download	<Null>	Firth of Tay and Eden Estuary SAC	<Null>	UK
ME_UID_112	Isle of May SAC	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		UK			No license provided with download	<Null>	Isle of May SAC	<Null>	UK
ME_UID_113	Loch Laxford SAC	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		UK			No license provided with download	<Null>	Loch Laxford SAC	<Null>	UK
ME_UID_114	Mousa SAC	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		UK			No license provided with download	<Null>	Mousa SAC	<Null>	UK
ME_UID_115	Papa Stour SAC	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		UK			No license provided with download	<Null>	Papa Stour SAC	<Null>	UK
ME_UID_116	Sanday SAC	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		UK			No license provided with download	<Null>	Sanday SAC	<Null>	UK
ME_UID_117	Sullom Voe SAC	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		UK			No license provided with download	<Null>	Sullom Voe SAC	<Null>	UK
ME_UID_118	Moray Firth SAC	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		UK			No license provided with download	<Null>	Moray Firth SAC	<Null>	UK
ME_UID_119	Yell Sound Coast SAC	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		UK			No license provided with download	<Null>	Yell Sound Coast SAC	<Null>	UK
ME_UID_120	Plymouth Sound & Estuaries SAC	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		UK			No license provided with download	<Null>	Plymouth Sound & Estuaries SAC	<Null>	UK
ME_UID_121	Fal & Helford SAC	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		UK			No license provided with download	<Null>	Fal & Helford SAC	<Null>	UK
ME_UID_122	Chesil & The Fleet SAC	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		UK			No license provided with download	<Null>	Chesil & The Fleet SAC	<Null>	UK
ME_UID_123	Solent Maritime SAC	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		UK			No license provided with download	<Null>	Solent Maritime SAC	<Null>	UK
ME_UID_124	South Wight Maritime SAC	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		UK			No license provided with download	<Null>	South Wight Maritime SAC	<Null>	UK
ME_UID_125	Flamborough Head SAC	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		UK			No license provided with download	<Null>	Flamborough Head SAC	<Null>	UK
ME_UID_126	Tweed Estuary SAC	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		UK			No license provided with download	<Null>	Tweed Estuary SAC	<Null>	UK
ME_UID_127	Thanet Coast SAC	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		UK			No license provided with download	<Null>	Thanet Coast SAC	<Null>	UK
ME_UID_128	Essex Estuaries SAC	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		UK			No license provided with download	<Null>	Essex Estuaries SAC	<Null>	UK
ME_UID_129	The Wash & North Norfolk Coast SAC	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		UK			No license provided with download	<Null>	The Wash & North Norfolk Coast SAC	<Null>	UK
ME_UID_130	Alde-Ore & Butley Estuaries SAC	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		UK			No license provided with download	<Null>	Alde-Ore & Butley Estuaries SAC	<Null>	UK
ME_UID_131	Humber Estuary SAC	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		UK			No license provided with download	<Null>	Humber Estuary SAC	<Null>	UK
ME_UID_132	Start Point to Plymouth Sound and Eddystone SAC	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		UK			No license provided with download	<Null>	Start Point to Plymouth Sound and Eddystone SAC	<Null>	UK
ME_UID_133	Wight-Barfleur Reef SAC	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		UK			No license provided with download	<Null>	Wight-Barfleur Reef SAC	<Null>	UK
ME_UID_134	Solan Bank Reef SAC	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		UK			No license provided with download	<Null>	Solan Bank Reef SAC	<Null>	UK
ME_UID_135	Pobie Bank Reef SAC	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		UK			No license provided with download	<Null>	Pobie Bank Reef SAC	<Null>	UK
ME_UID_136	Braemar Pockmarks SAC	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		UK			No license provided with download	<Null>	Braemar Pockmarks SAC	<Null>	UK
ME_UID_137	Scanner Pockmark SAC	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		UK			No license provided with download	<Null>	Scanner Pockmark SAC	<Null>	UK

ME_UID_138	North Norfolk Sandbanks and Saturn Reef SAC	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		UK			No license provided with download	<Null>	North Norfolk Sandbanks and Saturn Reef SAC	<Null>	UK
ME_UID_139	Inner Dowsing, Race Bank and North Ridge SAC	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		UK			No license provided with download	<Null>	Inner Dowsing, Race Bank and North Ridge SAC	<Null>	UK
ME_UID_140	Haisborough, Hammond and Winterton SAC	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		UK			No license provided with download	<Null>	Haisborough, Hammond and Winterton SAC	<Null>	UK
ME_UID_141	Bassurelle Sandbank SAC	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		UK			No license provided with download	<Null>	Bassurelle Sandbank SAC	<Null>	UK
ME_UID_142	Dogger Bank SAC	SAC	OSPAR	Download 'end date' 20130218, downloaded from OSPAR website 01-2015		UK			No license provided with download	<Null>	Dogger Bank SAC	<Null>	UK
ME_UID_143	Pagham Harbour	MCZ (tranche 1)	JNCC	Downloaded 13-01-2015	Designated	uk		1477575	UK Open Government License	<Null>	Pagham Harbour	<Null>	UK
ME_UID_144	Chesil Beach and Stennis Ledges	MCZ (tranche 1)	JNCC	Downloaded 13-01-2015	Designated	uk		1477640	UK Open Government License	<Null>	Chesil Beach and Stennis Ledges	<Null>	UK
ME_UID_145	Folkestone Pomerania	MCZ (tranche 1)	JNCC	Downloaded 13-01-2015	Designated	uk		1477565	UK Open Government License	<Null>	Folkestone Pomerania	<Null>	UK
ME_UID_146	Kingmere	MCZ (tranche 1)	JNCC	Downloaded 13-01-2015	Designated	uk		1477568	UK Open Government License	<Null>	Kingmere	<Null>	UK
ME_UID_147	Poole Rocks	MCZ (tranche 1)	JNCC	Downloaded 13-01-2015	Designated	uk		1477635	UK Open Government License	<Null>	Poole Rocks	<Null>	UK
ME_UID_148	North East of Farnes Deep	MCZ (tranche 1)	JNCC	Downloaded 13-01-2015	Designated	uk		1481473	UK Open Government License	<Null>	North East of Farnes Deep	<Null>	UK
ME_UID_149	Skerries Bank and Surrounds	MCZ (tranche 1)	JNCC	Downloaded 13-01-2015	Designated	uk		1477646	UK Open Government License	<Null>	Skerries Bank and Surrounds	<Null>	UK
ME_UID_150	South Dorset	MCZ (tranche 1)	JNCC	Downloaded 13-01-2015	Designated	uk		1477637	UK Open Government License	<Null>	South Dorset	<Null>	UK
ME_UID_151	Swallow Sand	MCZ (tranche 1)	JNCC	Downloaded 13-01-2015	Designated	uk		1481481	UK Open Government License	<Null>	Swallow Sand	<Null>	UK
ME_UID_152	Tamar Estuary Sites	MCZ (tranche 1)	JNCC	Downloaded 13-01-2015	Designated	uk		1477649	UK Open Government License	<Null>	Tamar Estuary Sites	<Null>	UK
ME_UID_153	Thanet Coast	MCZ (tranche 1)	JNCC	Downloaded 13-01-2015	Designated	uk		1477559	UK Open Government License	<Null>	Thanet Coast	<Null>	UK
ME_UID_154	The Manacles	MCZ (tranche 1)	JNCC	Downloaded 13-01-2015	Designated	uk		1477653	UK Open Government License	<Null>	The Manacles	<Null>	UK
ME_UID_155	Torbay	MCZ (tranche 1)	JNCC	Downloaded 13-01-2015	Designated	uk		1477643	UK Open Government License	<Null>	Torbay	<Null>	UK
ME_UID_156	Upper Fowey and Pont Pill	MCZ (tranche 1)	JNCC	Downloaded 13-01-2015	Designated	uk		1477651	UK Open Government License	<Null>	Upper Fowey and Pont Pill	<Null>	UK
ME_UID_157	Whitsand and Looe Bay	MCZ (tranche 1)	JNCC	Downloaded 13-01-2015	Designated	uk		1477650	UK Open Government License	<Null>	Whitsand and Looe Bay	<Null>	UK
ME_UID_158	Blackwater, Crouch, Roach and Colne Estuaries	MCZ (tranche 1)	JNCC	Downloaded 13-01-2015	Designated	uk		1477556	UK Open Government License	<Null>	Blackwater, Crouch, Roach and Colne Estuaries	<Null>	UK
ME_UID_159	Beachy Head West	MCZ (tranche 1)	JNCC	Downloaded 13-01-2015	Designated	uk		1477567	UK Open Government License	<Null>	Beachy Head West	<Null>	UK
ME_UID_160	Aln Estuary	MCZ (tranche 1)	JNCC	Downloaded 13-01-2015	Designated	uk		1477587	UK Open Government License	<Null>	Aln Estuary	<Null>	UK
ME_UID_161	Medway Estuary	MCZ (tranche 1)	JNCC	Downloaded 13-01-2015	Designated	uk		1477558	UK Open Government License	<Null>	Medway Estuary	<Null>	UK
ME_UID_162	Ythan Estuary, Sands of Forvie and Meikle Loch	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9002221		UK Open Government License	<Null>	Ythan Estuary, Sands of Forvie and Meikle Loch	<Null>	UK
ME_UID_163	Coquet Island	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9006031		UK Open Government License	<Null>	Coquet Island	<Null>	UK
ME_UID_164	North Norfolk Coast	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9009031		UK Open Government License	<Null>	North Norfolk Coast	<Null>	UK
ME_UID_165	Minsmere - Walberswick	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9009101		UK Open Government License	<Null>	Minsmere - Walberswick	<Null>	UK
ME_UID_166	Foulness (Mid-Essex Coast Phase 5)	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9009246		UK Open Government License	<Null>	Foulness (Mid-Essex Coast Phase 5)	<Null>	UK
ME_UID_167	Deben Estuary	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9009261		UK Open Government License	<Null>	Deben Estuary	<Null>	UK
ME_UID_168	Benacre to Easton Bavents	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9009291		UK Open Government License	<Null>	Benacre to Easton Bavents	<Null>	UK
ME_UID_169	Chesil Beach and The Fleet	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9010091		UK Open Government License	<Null>	Chesil Beach and The Fleet	<Null>	UK
ME_UID_170	Poole Harbour	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9010111		UK Open Government License	<Null>	Poole Harbour	<Null>	UK
ME_UID_171	Chichester and Langstone Harbours	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9011011		UK Open Government License	<Null>	Chichester and Langstone Harbours	<Null>	UK
ME_UID_172	Portsmouth Harbour	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9011051		UK Open Government License	<Null>	Portsmouth Harbour	<Null>	UK

ME_UID_173	Solent and Southampton Water	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9011061		UK Open Government License	<Null>	Solent and Southampton Water	<Null>	UK
ME_UID_174	Pagham Harbour	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9012041		UK Open Government License	<Null>	Pagham Harbour	<Null>	UK
ME_UID_175	Thanet Coast and Sandwich Bay	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9012071		UK Open Government License	<Null>	Thanet Coast and Sandwich Bay	<Null>	UK
ME_UID_176	Dungeness to Pett Level	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9012091		UK Open Government License	<Null>	Dungeness to Pett Level	<Null>	UK
ME_UID_177	Cape Wrath	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9001231		UK Open Government License	<Null>	Cape Wrath	<Null>	UK
ME_UID_178	Handa	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9001241		UK Open Government License	<Null>	Handa	<Null>	UK
ME_UID_179	Sumburgh Head	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9002511		UK Open Government License	<Null>	Sumburgh Head	<Null>	UK
ME_UID_180	Outer Thames Estuary	SPA with marine component(s)	JNCC	Version 20131023b, downloaded 01-2015	Designated	UK	UK9020309		UK Open Government License	<Null>	Outer Thames Estuary	<Null>	UK
ME_UID_181	Lista Wetlands System	Ramsar	//rsis Ramsar.org	Downloaded 28-01-2015	Designated	Norway			No license provided with download	<Null>	Lista Wetlands System	<Null>	Norway
ME_UID_182	Giske Wetlands System	Ramsar	//rsis Ramsar.org	Downloaded 28-01-2015	Designated	Norway			No license provided with download	<Null>	Giske Wetlands System	<Null>	Norway
ME_UID_183	Caithness & Sutherland Peatlands	Ramsar	//rsis Ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	Caithness & Sutherland Peatlands	<Null>	UK
ME_UID_184	Pevensey Levels	Ramsar	//rsis Ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	Pevensey Levels	<Null>	UK
ME_UID_185	Cromarty Firth	Ramsar	//rsis Ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	Cromarty Firth	<Null>	UK
ME_UID_186	Inner Moray Firth	Ramsar	//rsis Ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	Inner Moray Firth	<Null>	UK
ME_UID_187	Poole Harbour	Ramsar	//rsis Ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	Poole Harbour	<Null>	UK
ME_UID_188	Northumbria Coast	Ramsar	//rsis Ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	Northumbria Coast	<Null>	UK
ME_UID_189	Thames Estuary and Marshes	Ramsar	//rsis Ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	Thames Estuary and Marshes	<Null>	UK
ME_UID_190	Firth of Tay and Eden Estuary	Ramsar	//rsis Ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	Firth of Tay and Eden Estuary	<Null>	UK
ME_UID_191	The New Forest	Ramsar	//rsis Ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	The New Forest	<Null>	UK
ME_UID_192	Medway Estuary & Marshes	Ramsar	//rsis Ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	Medway Estuary & Marshes	<Null>	UK
ME_UID_193	Stodmarsh	Ramsar	//rsis Ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	Stodmarsh	<Null>	UK
ME_UID_194	Benfleet and Southend Marshes	Ramsar	//rsis Ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	Benfleet and Southend Marshes	<Null>	UK
ME_UID_195	Abberton Reservoir	Ramsar	//rsis Ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	Abberton Reservoir	<Null>	UK
ME_UID_196	The Swale	Ramsar	//rsis Ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	The Swale	<Null>	UK
ME_UID_197	Chesil Beach & The Fleet	Ramsar	//rsis Ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	Chesil Beach & The Fleet	<Null>	UK
ME_UID_198	Loch Eye	Ramsar	//rsis Ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	Loch Eye	<Null>	UK
ME_UID_199	Chichester and Langstone Harbours	Ramsar	//rsis Ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	Chichester and Langstone Harbours	<Null>	UK
ME_UID_200	The Wash	Ramsar	//rsis Ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	The Wash	<Null>	UK
ME_UID_201	Pagham Harbour	Ramsar	//rsis Ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	Pagham Harbour	<Null>	UK
ME_UID_202	Oosterschelde	Ramsar	//rsis Ramsar.org	Downloaded 28-01-2015	Designated	Netherlands			No license provided with download	<Null>	Oosterschelde	<Null>	Netherlands
ME_UID_203	Träslövsläge-Morups Tånge	Ramsar	//rsis Ramsar.org	Downloaded 28-01-2015	Designated	Sweden			No license provided with download	<Null>	Träslövsläge-Morups Tånge	<Null>	Sweden
ME_UID_204	Stour & Orwell Estuaries	Ramsar	//rsis Ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	Stour & Orwell Estuaries	<Null>	UK
ME_UID_205	Humber Estuary	Ramsar	//rsis Ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	Humber Estuary	<Null>	UK
ME_UID_206	Thanet Coast & Sandwich Bay	Ramsar	//rsis Ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	Thanet Coast & Sandwich Bay	<Null>	UK
ME_UID_207	Colne Estuary	Ramsar	//rsis Ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	Colne Estuary	<Null>	UK

ME_UID_208	Portsmouth Harbour	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	Portsmouth Harbour	<Null>	UK
ME_UID_209	Crouch & Roach Estuaries	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	Crouch & Roach Estuaries	<Null>	UK
ME_UID_210	Teesmouth & Cleveland Coast	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	Teesmouth & Cleveland Coast	<Null>	UK
ME_UID_211	Dersingham Bog	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	Dersingham Bog	<Null>	UK
ME_UID_212	Hirsholmene	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	Denmark			No license provided with download	<Null>	Hirsholmene	<Null>	Denmark
ME_UID_213	Ringkobing Fjord	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	Denmark			No license provided with download	<Null>	Ringkobing Fjord	<Null>	Denmark
ME_UID_214	Nordre Ronner	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	Denmark			No license provided with download	<Null>	Nordre Ronner	<Null>	Denmark
ME_UID_215	Stadil and Veststadil Fjords	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	Denmark			No license provided with download	<Null>	Stadil and Veststadil Fjords	<Null>	Denmark
ME_UID_216	Nissum Fjord	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	Denmark			No license provided with download	<Null>	Nissum Fjord	<Null>	Denmark
ME_UID_217	Nissum Bredning with Harboore and Agger Tange	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	Denmark			No license provided with download	<Null>	Nissum Bredning with Harboore and Agger Tange	<Null>	Denmark
ME_UID_218	Vejlerne and Logstor Bredning	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	Denmark			No license provided with download	<Null>	Vejlerne and Logstor Bredning	<Null>	Denmark
ME_UID_219	Ulvedybet and Nibe Bredning	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	Denmark			No license provided with download	<Null>	Ulvedybet and Nibe Bredning	<Null>	Denmark
ME_UID_220	Læsø	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	Denmark			No license provided with download	<Null>	Læsø	<Null>	Denmark
ME_UID_221	Randers and Mariager Fjords and the adjacent sea	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	Denmark			No license provided with download	<Null>	Randers and Mariager Fjords and the adjacent sea	<Null>	Denmark
ME_UID_222	Waters north of Anholt	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	Denmark			No license provided with download	<Null>	Waters north of Anholt	<Null>	Denmark
ME_UID_223	Getterön	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	Sweden			No license provided with download	<Null>	Getterön	<Null>	Sweden
ME_UID_224	Deben Estuary	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	Deben Estuary	<Null>	UK
ME_UID_225	Moray and Nairn Coast	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	Moray and Nairn Coast	<Null>	UK
ME_UID_226	Dornoch Firth and Loch Fleet	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	Dornoch Firth and Loch Fleet	<Null>	UK
ME_UID_227	Ronas Hill - North Roe & Tingon	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	Ronas Hill - North Roe & Tingon	<Null>	UK
ME_UID_228	East Sanday Coast	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	East Sanday Coast	<Null>	UK
ME_UID_229	Avon Valley	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	Avon Valley	<Null>	UK
ME_UID_230	Caithness Lochs	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	Caithness Lochs	<Null>	UK
ME_UID_231	Ythan Estuary & Meikle Loch	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	Ythan Estuary & Meikle Loch	<Null>	UK
ME_UID_232	Dorset Heathlands	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	Dorset Heathlands	<Null>	UK
ME_UID_233	Solent and Southampton Water	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	Solent and Southampton Water	<Null>	UK
ME_UID_234	Stigfjorden	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	Sweden			No license provided with download	<Null>	Stigfjorden	<Null>	Sweden
ME_UID_235	Baie de Somme	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	France			No license provided with download	<Null>	Baie de Somme	<Null>	France
ME_UID_236	Fylleån	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	Sweden			No license provided with download	<Null>	Fylleån	<Null>	Sweden
ME_UID_237	Nordre älv estuary	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	Sweden			No license provided with download	<Null>	Nordre älv estuary	<Null>	Sweden
ME_UID_238	Skälderviken	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	Sweden			No license provided with download	<Null>	Skälderviken	<Null>	Sweden
ME_UID_239	Lindisfarne	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	Lindisfarne	<Null>	UK
ME_UID_240	Filso	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	Denmark			No license provided with download	<Null>	Filso	<Null>	Denmark
ME_UID_241	Sejro Bugt, Nekselø Bugt & Saltbæk Vig	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	Denmark			No license provided with download	<Null>	Sejro Bugt, Nekselø Bugt & Saltbæk Vig	<Null>	Denmark
ME_UID_242	Vadehavet	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	Denmark			No license provided with download	<Null>	Vadehavet	<Null>	Denmark

ME_UID_243	Cameron Reservoir	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	Cameron Reservoir	<Null>	UK
ME_UID_244	Dengie	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	Dengie	<Null>	UK
ME_UID_245	Minsmere - Walberswick	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	Minsmere - Walberswick	<Null>	UK
ME_UID_246	North Norfolk Coast	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	North Norfolk Coast	<Null>	UK
ME_UID_247	Voordelta	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	Netherlands			No license provided with download	<Null>	Voordelta	<Null>	Netherlands
ME_UID_248	Voornes Duin	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	Netherlands			No license provided with download	<Null>	Voornes Duin	<Null>	Netherlands
ME_UID_249	Ora	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	Norway			No license provided with download	<Null>	Ora	<Null>	Norway
ME_UID_250	Kurefjorden	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	Norway			No license provided with download	<Null>	Kurefjorden	<Null>	Norway
ME_UID_251	Ilene and Presterodkilen Wetland System	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	Norway			No license provided with download	<Null>	Ilene and Presterodkilen Wetland System	<Null>	Norway
ME_UID_252	Jaeren wetland system	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	Norway			No license provided with download	<Null>	Jaeren wetland system	<Null>	Norway
ME_UID_253	Boschplaat	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	Netherlands			No license provided with download	<Null>	Boschplaat	<Null>	Netherlands
ME_UID_254	Griend	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	Netherlands			No license provided with download	<Null>	Griend	<Null>	Netherlands
ME_UID_255	Waddenzee	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	Netherlands			No license provided with download	<Null>	Waddenzee	<Null>	Netherlands
ME_UID_256	Loch of Strathbeg	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	Loch of Strathbeg	<Null>	UK
ME_UID_257	Zwanenwater	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	Netherlands			No license provided with download	<Null>	Zwanenwater	<Null>	Netherlands
ME_UID_258	Oostvaardersplassen	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	Netherlands			No license provided with download	<Null>	Oostvaardersplassen	<Null>	Netherlands
ME_UID_259	Westerschelde & Saeftinghe	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	Netherlands			No license provided with download	<Null>	Westerschelde & Saeftinghe	<Null>	Netherlands
ME_UID_260	IJmeer	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	Netherlands			No license provided with download	<Null>	IJmeer	<Null>	Netherlands
ME_UID_261	IJsselmeer	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	Netherlands			No license provided with download	<Null>	IJsselmeer	<Null>	Netherlands
ME_UID_262	Lauwersmeer	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	Netherlands			No license provided with download	<Null>	Lauwersmeer	<Null>	Netherlands
ME_UID_263	Markermeer	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	Netherlands			No license provided with download	<Null>	Markermeer	<Null>	Netherlands
ME_UID_264	Veerse Meer	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	Netherlands			No license provided with download	<Null>	Veerse Meer	<Null>	Netherlands
ME_UID_265	Waddeneilanden,Noordzeekustzone,Breebaart	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	Netherlands			No license provided with download	<Null>	Waddeneilanden,Noordzeekustzone,Breebaart	<Null>	Netherlands
ME_UID_266	Zoommeer	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	Netherlands			No license provided with download	<Null>	Zoommeer	<Null>	Netherlands
ME_UID_267	Grevelingen	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	Netherlands			No license provided with download	<Null>	Grevelingen	<Null>	Netherlands
ME_UID_268	Foulness	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	Foulness	<Null>	UK
ME_UID_269	Alde-Ore Estuary	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	Alde-Ore Estuary	<Null>	UK
ME_UID_270	Loch Spynie	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	Loch Spynie	<Null>	UK
ME_UID_271	Gibraltar Point	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	Gibraltar Point	<Null>	UK
ME_UID_272	Hamford Water	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	Hamford Water	<Null>	UK
ME_UID_273	Exe Estuary	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	Exe Estuary	<Null>	UK
ME_UID_274	Blackwater Estuary	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	UK			No license provided with download	<Null>	Blackwater Estuary	<Null>	UK
ME_UID_275	Baie du Mont Saint-Michel	Ramsar	//rsis.ramsar.org	Downloaded 28-01-2015	Designated	France			No license provided with download	<Null>	Baie du Mont Saint-Michel	<Null>	France
ME_UID_276	Adur Estuary	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TQ208055	UK Open Government License	<Null>	Adur Estuary	<Null>	UK
ME_UID_277	Aire Point to Carrick Du	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SW413361	UK Open Government License	<Null>	Aire Point to Carrick Du	<Null>	UK

ME_UID_278	Alde-Ore Estuary	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TM437490	UK Open Government License	<Null>	Alde-Ore Estuary	<Null>	UK
ME_UID_279	Alnmouth Saltmarsh and Dunes	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		NU247097	UK Open Government License	<Null>	Alnmouth Saltmarsh and Dunes	<Null>	UK
ME_UID_280	Arne	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SY966877	UK Open Government License	<Null>	Arne	<Null>	UK
ME_UID_281	Arun Banks	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TQ027101	UK Open Government License	<Null>	Arun Banks	<Null>	UK
ME_UID_282	Arundel Park	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TQ010088	UK Open Government License	<Null>	Arundel Park	<Null>	UK
ME_UID_283	Avon Valley (Bickton to Christchurch)	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SU146026	UK Open Government License	<Null>	Avon Valley (Bickton to Christchurch)	<Null>	UK
ME_UID_284	Axmouth to Lyme Regis Under Cliffs	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SY299902	UK Open Government License	<Null>	Axmouth to Lyme Regis Under Cliffs	<Null>	UK
ME_UID_285	Babbacombe Cliffs	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SX927655	UK Open Government License	<Null>	Babbacombe Cliffs	<Null>	UK
ME_UID_286	Bamburgh Coast and Hills	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		NU170360	UK Open Government License	<Null>	Bamburgh Coast and Hills	<Null>	UK
ME_UID_287	Barnby Broad & Marshes	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TM477910	UK Open Government License	<Null>	Barnby Broad & Marshes	<Null>	UK
ME_UID_288	Baulk Head to Mullion	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SW658206	UK Open Government License	<Null>	Baulk Head to Mullion	<Null>	UK
ME_UID_289	Bawdsey Cliff	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TM346386	UK Open Government License	<Null>	Bawdsey Cliff	<Null>	UK
ME_UID_290	Beeston Cliffs	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TG169433	UK Open Government License	<Null>	Beeston Cliffs	<Null>	UK
ME_UID_291	Bembridge Down	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SZ628854	UK Open Government License	<Null>	Bembridge Down	<Null>	UK
ME_UID_292	Bembridge School and Cliffs	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SZ642866	UK Open Government License	<Null>	Bembridge School and Cliffs	<Null>	UK
ME_UID_293	Benfleet and Southend Marshes	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TQ859842	UK Open Government License	<Null>	Benfleet and Southend Marshes	<Null>	UK
ME_UID_294	Berry Head to Sharkham Point	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SX934545	UK Open Government License	<Null>	Berry Head to Sharkham Point	<Null>	UK
ME_UID_295	Blackstone Point	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SX537461	UK Open Government License	<Null>	Blackstone Point	<Null>	UK
ME_UID_296	Blackwater Estuary	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TL975098	UK Open Government License	<Null>	Blackwater Estuary	<Null>	UK
ME_UID_297	Bognor Reef	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SZ905979	UK Open Government License	<Null>	Bognor Reef	<Null>	UK
ME_UID_298	Bolt Head to Bolt Tail	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SX698372	UK Open Government License	<Null>	Bolt Head to Bolt Tail	<Null>	UK
ME_UID_299	Bonchurch Landslips	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SZ582786	UK Open Government License	<Null>	Bonchurch Landslips	<Null>	UK
ME_UID_300	Boscawen	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SW424230	UK Open Government License	<Null>	Boscawen	<Null>	UK
ME_UID_301	Bouldnor and Hamstead Cliffs	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SZ389910	UK Open Government License	<Null>	Bouldnor and Hamstead Cliffs	<Null>	UK
ME_UID_302	Bracklesham Bay	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SZ827948	UK Open Government License	<Null>	Bracklesham Bay	<Null>	UK
ME_UID_303	Brading Marshes to St. Helen's Ledges	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SZ629882	UK Open Government License	<Null>	Brading Marshes to St. Helen's Ledges	<Null>	UK
ME_UID_304	Breydon Water	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TG493072	UK Open Government License	<Null>	Breydon Water	<Null>	UK
ME_UID_305	Brighton to Newhaven Cliffs	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TQ390014	UK Open Government License	<Null>	Brighton to Newhaven Cliffs	<Null>	UK
ME_UID_306	Browdown	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SZ578991	UK Open Government License	<Null>	Browdown	<Null>	UK
ME_UID_307	Budleigh Salterton Cliffs	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SY063817	UK Open Government License	<Null>	Budleigh Salterton Cliffs	<Null>	UK
ME_UID_308	Caerthillian to Kennack	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SW712117	UK Open Government License	<Null>	Caerthillian to Kennack	<Null>	UK
ME_UID_309	Carricknath Point to Porthbean Beach	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SW876334	UK Open Government License	<Null>	Carricknath Point to Porthbean Beach	<Null>	UK
ME_UID_310	Castle Point to Cullernose Point	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		NU256219	UK Open Government License	<Null>	Castle Point to Cullernose Point	<Null>	UK
ME_UID_311	Cayton, Cornelian and South Bays	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TA060856	UK Open Government License	<Null>	Cayton, Cornelian and South Bays	<Null>	UK
ME_UID_312	Chapel Point to Wolla Bank	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TF560741	UK Open Government License	<Null>	Chapel Point to Wolla Bank	<Null>	UK

ME_UID_313	Chesil & The Fleet	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SY611805	UK Open Government License	<Null>	Chesil & The Fleet	<Null>	UK
ME_UID_314	Chichester Harbour	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SU779017	UK Open Government License	<Null>	Chichester Harbour	<Null>	UK
ME_UID_315	Christchurch Harbour	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SZ171914	UK Open Government License	<Null>	Christchurch Harbour	<Null>	UK
ME_UID_316	Clacton Cliffs & Foreshore	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TM156134	UK Open Government License	<Null>	Clacton Cliffs & Foreshore	<Null>	UK
ME_UID_317	Climping Beach	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TQ021010	UK Open Government License	<Null>	Climping Beach	<Null>	UK
ME_UID_318	Colne Estuary	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TM062161	UK Open Government License	<Null>	Colne Estuary	<Null>	UK
ME_UID_319	Colwell Bay	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SZ328880	UK Open Government License	<Null>	Colwell Bay	<Null>	UK
ME_UID_320	Compton Chine to Steepphill Cove	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SZ463787	UK Open Government License	<Null>	Compton Chine to Steepphill Cove	<Null>	UK
ME_UID_321	Compton Down	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SZ370855	UK Open Government License	<Null>	Compton Down	<Null>	UK
ME_UID_322	Coquet Island	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		NU293046	UK Open Government License	<Null>	Coquet Island	<Null>	UK
ME_UID_323	Corton Cliffs	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TM546967	UK Open Government License	<Null>	Corton Cliffs	<Null>	UK
ME_UID_324	Coverack Cove & Dolor Point	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SW783182	UK Open Government License	<Null>	Coverack Cove & Dolor Point	<Null>	UK
ME_UID_325	Coverack to Porthoustock	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SW790192	UK Open Government License	<Null>	Coverack to Porthoustock	<Null>	UK
ME_UID_326	Cowpen Marsh	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		NZ504252	UK Open Government License	<Null>	Cowpen Marsh	<Null>	UK
ME_UID_327	Cresswell and Newbiggin Shores	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		NZ299930	UK Open Government License	<Null>	Cresswell and Newbiggin Shores	<Null>	UK
ME_UID_328	Cresswell Ponds	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		NZ283943	UK Open Government License	<Null>	Cresswell Ponds	<Null>	UK
ME_UID_329	Crouch and Roach Estuaries	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TQ891968	UK Open Government License	<Null>	Crouch and Roach Estuaries	<Null>	UK
ME_UID_330	Cuckoo Rock to Turbot Point	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SW990406	UK Open Government License	<Null>	Cuckoo Rock to Turbot Point	<Null>	UK
ME_UID_331	Cudden Point to Prussia Cove	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SW551277	UK Open Government License	<Null>	Cudden Point to Prussia Cove	<Null>	UK
ME_UID_332	Daddyhole	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SX926627	UK Open Government License	<Null>	Daddyhole	<Null>	UK
ME_UID_333	Dawlish Cliffs	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SX972775	UK Open Government License	<Null>	Dawlish Cliffs	<Null>	UK
ME_UID_334	Dawlish Warren	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SX984796	UK Open Government License	<Null>	Dawlish Warren	<Null>	UK
ME_UID_335	Deben Estuary	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TM296434	UK Open Government License	<Null>	Deben Estuary	<Null>	UK
ME_UID_336	Dengie	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TM042032	UK Open Government License	<Null>	Dengie	<Null>	UK
ME_UID_337	Dibden Bay	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SU409093	UK Open Government License	<Null>	Dibden Bay	<Null>	UK
ME_UID_338	Dimlington Cliff	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TA389219	UK Open Government License	<Null>	Dimlington Cliff	<Null>	UK
ME_UID_339	Dover to Kingsdown Cliffs	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TR356428	UK Open Government License	<Null>	Dover to Kingsdown Cliffs	<Null>	UK
ME_UID_340	Dungeness, Romney Marsh and Rye Bay	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TR005203	UK Open Government License	<Null>	Dungeness, Romney Marsh and Rye Bay	<Null>	UK
ME_UID_341	Durham Coast	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		NZ383665	UK Open Government License	<Null>	Durham Coast	<Null>	UK
ME_UID_342	Dyer's Quarry	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SX922627	UK Open Government License	<Null>	Dyer's Quarry	<Null>	UK
ME_UID_343	East Runton Cliffs	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TG199429	UK Open Government License	<Null>	East Runton Cliffs	<Null>	UK
ME_UID_344	Eglarooze Cliff	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SX344539	UK Open Government License	<Null>	Eglarooze Cliff	<Null>	UK
ME_UID_345	Eling and Bury Marshes	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SU371126	UK Open Government License	<Null>	Eling and Bury Marshes	<Null>	UK
ME_UID_346	Erme Estuary	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SX621488	UK Open Government License	<Null>	Erme Estuary	<Null>	UK
ME_UID_347	Exe Estuary	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SX980835	UK Open Government License	<Null>	Exe Estuary	<Null>	UK

ME_UID_348	Felpham	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SZ949992	UK Open Government License	<Null>	Felpham	<Null>	UK
ME_UID_349	Ferry Cliff, Sutton	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TM278486	UK Open Government License	<Null>	Ferry Cliff, Sutton	<Null>	UK
ME_UID_350	Filey Brigg	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TA128815	UK Open Government License	<Null>	Filey Brigg	<Null>	UK
ME_UID_351	Flamborough Head	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TA199684	UK Open Government License	<Null>	Flamborough Head	<Null>	UK
ME_UID_352	Folkestone Warren	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TR256382	UK Open Government License	<Null>	Folkestone Warren	<Null>	UK
ME_UID_353	Folly Rocks	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SW573280	UK Open Government License	<Null>	Folly Rocks	<Null>	UK
ME_UID_354	Foulness	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TR022902	UK Open Government License	<Null>	Foulness	<Null>	UK
ME_UID_355	Froward Point	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SX905497	UK Open Government License	<Null>	Froward Point	<Null>	UK
ME_UID_356	Geldeston Meadows	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TM396916	UK Open Government License	<Null>	Geldeston Meadows	<Null>	UK
ME_UID_357	Gerrans Bay to Camels Cove	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SW911378	UK Open Government License	<Null>	Gerrans Bay to Camels Cove	<Null>	UK
ME_UID_358	Gibraltar Point	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TF565592	UK Open Government License	<Null>	Gibraltar Point	<Null>	UK
ME_UID_359	Gilkicker Lagoon	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SZ608977	UK Open Government License	<Null>	Gilkicker Lagoon	<Null>	UK
ME_UID_360	Great Yarmouth North Denes	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TG532099	UK Open Government License	<Null>	Great Yarmouth North Denes	<Null>	UK
ME_UID_361	Gristhorpe Bay and Red Cliff	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TA084840	UK Open Government License	<Null>	Gristhorpe Bay and Red Cliff	<Null>	UK
ME_UID_362	Hadston Links	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		NZ275994	UK Open Government License	<Null>	Hadston Links	<Null>	UK
ME_UID_363	Hallsands-Beesands	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SX818382	UK Open Government License	<Null>	Hallsands-Beesands	<Null>	UK
ME_UID_364	Ham Common	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SY981909	UK Open Government License	<Null>	Ham Common	<Null>	UK
ME_UID_365	Hamford Water	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TM230253	UK Open Government License	<Null>	Hamford Water	<Null>	UK
ME_UID_366	Happisburgh Cliffs	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TG381312	UK Open Government License	<Null>	Happisburgh Cliffs	<Null>	UK
ME_UID_367	Hartlepool Submerged Forest	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		NZ520314	UK Open Government License	<Null>	Hartlepool Submerged Forest	<Null>	UK
ME_UID_368	Harwich Foreshore	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TM263320	UK Open Government License	<Null>	Harwich Foreshore	<Null>	UK
ME_UID_369	Hastings Cliffs to Pett Beach	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TQ866111	UK Open Government License	<Null>	Hastings Cliffs to Pett Beach	<Null>	UK
ME_UID_370	Hayburn Wyke	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TA012968	UK Open Government License	<Null>	Hayburn Wyke	<Null>	UK
ME_UID_371	Headon Warren and West High Down	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SZ315851	UK Open Government License	<Null>	Headon Warren and West High Down	<Null>	UK
ME_UID_372	Highcliffe to Milford Cliffs	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SZ239928	UK Open Government License	<Null>	Highcliffe to Milford Cliffs	<Null>	UK
ME_UID_373	Holborough to Burham Marshes	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TQ712616	UK Open Government License	<Null>	Holborough to Burham Marshes	<Null>	UK
ME_UID_374	Holehaven Creek	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TQ751829	UK Open Government License	<Null>	Holehaven Creek	<Null>	UK
ME_UID_375	Holton and Sandford Heaths	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SY953913	UK Open Government License	<Null>	Holton and Sandford Heaths	<Null>	UK
ME_UID_376	Hope's Nose to Wall's Hill	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SX939643	UK Open Government License	<Null>	Hope's Nose to Wall's Hill	<Null>	UK
ME_UID_377	Howick to Seaton Point	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		NU267145	UK Open Government License	<Null>	Howick to Seaton Point	<Null>	UK
ME_UID_378	Humber Estuary	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TA232155	UK Open Government License	<Null>	Humber Estuary	<Null>	UK
ME_UID_379	Hunstanton Cliffs	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TF677423	UK Open Government License	<Null>	Hunstanton Cliffs	<Null>	UK
ME_UID_380	Hurst Castle and Lymington River Estuary	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SZ331930	UK Open Government License	<Null>	Hurst Castle and Lymington River Estuary	<Null>	UK
ME_UID_381	Hythe to Calshot Marshes	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SU456052	UK Open Government License	<Null>	Hythe to Calshot Marshes	<Null>	UK
ME_UID_382	Iron Scar and Hundale Point to Scalby Ness	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TA029928	UK Open Government License	<Null>	Iron Scar and Hundale Point to Scalby Ness	<Null>	UK

ME_UID_383	Isle of Portland	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SY698711	UK Open Government License	<Null>	Isle of Portland	<Null>	UK
ME_UID_384	Kennack to Coverack	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SW745167	UK Open Government License	<Null>	Kennack to Coverack	<Null>	UK
ME_UID_385	King's Quay Shore	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SZ543939	UK Open Government License	<Null>	King's Quay Shore	<Null>	UK
ME_UID_386	Kingsand to Sandway Point	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SX439508	UK Open Government License	<Null>	Kingsand to Sandway Point	<Null>	UK
ME_UID_387	Ladram Bay to Sidmouth	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SY101855	UK Open Government License	<Null>	Ladram Bay to Sidmouth	<Null>	UK
ME_UID_388	Landguard Common	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TM285318	UK Open Government License	<Null>	Landguard Common	<Null>	UK
ME_UID_389	Langstone Harbour	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SU695025	UK Open Government License	<Null>	Langstone Harbour	<Null>	UK
ME_UID_390	Lee-on-the Solent to Itchen Estuary	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SU510034	UK Open Government License	<Null>	Lee-on-the Solent to Itchen Estuary	<Null>	UK
ME_UID_391	Leiston - Aldeburgh	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TM463597	UK Open Government License	<Null>	Leiston - Aldeburgh	<Null>	UK
ME_UID_392	Lewes Brooks	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TQ427071	UK Open Government License	<Null>	Lewes Brooks	<Null>	UK
ME_UID_393	Lincegrove and Hackett's Marshes	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SU487087	UK Open Government License	<Null>	Lincegrove and Hackett's Marshes	<Null>	UK
ME_UID_394	Lindisfarne	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		NU107414	UK Open Government License	<Null>	Lindisfarne	<Null>	UK
ME_UID_395	Loe Pool	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SW648248	UK Open Government License	<Null>	Loe Pool	<Null>	UK
ME_UID_396	Lord's Wood	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SX872539	UK Open Government License	<Null>	Lord's Wood	<Null>	UK
ME_UID_397	Low Hauxley Shore	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		NU289020	UK Open Government License	<Null>	Low Hauxley Shore	<Null>	UK
ME_UID_398	Lower Fal & Helford Intertidal	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SW862345	UK Open Government License	<Null>	Lower Fal & Helford Intertidal	<Null>	UK
ME_UID_399	Lower Test Valley	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SU364144	UK Open Government License	<Null>	Lower Test Valley	<Null>	UK
ME_UID_400	Luscombe Valley	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SZ048897	UK Open Government License	<Null>	Luscombe Valley	<Null>	UK
ME_UID_401	Lynher Estuary	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SX398557	UK Open Government License	<Null>	Lynher Estuary	<Null>	UK
ME_UID_402	Malpas Estuary	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SW836429	UK Open Government License	<Null>	Malpas Estuary	<Null>	UK
ME_UID_403	Meadfoot Sea Road	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SX933633	UK Open Government License	<Null>	Meadfoot Sea Road	<Null>	UK
ME_UID_404	Medina Estuary	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SZ505914	UK Open Government License	<Null>	Medina Estuary	<Null>	UK
ME_UID_405	Medway Estuary and Marshes	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TQ849710	UK Open Government License	<Null>	Medway Estuary and Marshes	<Null>	UK
ME_UID_406	Meneage Coastal Section	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SW794250	UK Open Government License	<Null>	Meneage Coastal Section	<Null>	UK
ME_UID_407	Merthen Wood	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SW730262	UK Open Government License	<Null>	Merthen Wood	<Null>	UK
ME_UID_408	Minsmere-Walberswick Heaths and Marshes	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TM471733	UK Open Government License	<Null>	Minsmere-Walberswick Heaths and Marshes	<Null>	UK
ME_UID_409	Morston Cliff	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TF990441	UK Open Government License	<Null>	Morston Cliff	<Null>	UK
ME_UID_410	Mucking Flats and Marshes	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TQ698791	UK Open Government License	<Null>	Mucking Flats and Marshes	<Null>	UK
ME_UID_411	Mullion Cliff to Predannack Cliff	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SW663160	UK Open Government License	<Null>	Mullion Cliff to Predannack Cliff	<Null>	UK
ME_UID_412	Mundesley Cliffs	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TG324358	UK Open Government License	<Null>	Mundesley Cliffs	<Null>	UK
ME_UID_413	Newton Links	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		NU231268	UK Open Government License	<Null>	Newton Links	<Null>	UK
ME_UID_414	Newtown Harbour	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SZ425913	UK Open Government License	<Null>	Newtown Harbour	<Null>	UK
ME_UID_415	North Bay to South Toll House Cliff	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TA049894	UK Open Government License	<Null>	North Bay to South Toll House Cliff	<Null>	UK
ME_UID_416	North Norfolk Coast	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TF891452	UK Open Government License	<Null>	North Norfolk Coast	<Null>	UK
ME_UID_417	North Solent	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SZ440983	UK Open Government License	<Null>	North Solent	<Null>	UK

ME_UID_418	Northumberland Shore	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		NU250096	UK Open Government License	<Null>	Northumberland Shore	<Null>	UK
ME_UID_419	Orwell Estuary	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TM221380	UK Open Government License	<Null>	Orwell Estuary	<Null>	UK
ME_UID_420	Otter Estuary	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SY075825	UK Open Government License	<Null>	Otter Estuary	<Null>	UK
ME_UID_421	Overstrand Cliffs	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TG236415	UK Open Government License	<Null>	Overstrand Cliffs	<Null>	UK
ME_UID_422	Pagham Harbour	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SZ872968	UK Open Government License	<Null>	Pagham Harbour	<Null>	UK
ME_UID_423	Pakefield to Easton Bavents	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TM523823	UK Open Government License	<Null>	Pakefield to Easton Bavents	<Null>	UK
ME_UID_424	Penlee Point	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SW473268	UK Open Government License	<Null>	Penlee Point	<Null>	UK
ME_UID_425	Pevensey Levels	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TQ647076	UK Open Government License	<Null>	Pevensey Levels	<Null>	UK
ME_UID_426	Pitsea Marsh	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TQ741869	UK Open Government License	<Null>	Pitsea Marsh	<Null>	UK
ME_UID_427	Plymouth Sound Shores and Cliffs	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SX490517	UK Open Government License	<Null>	Plymouth Sound Shores and Cliffs	<Null>	UK
ME_UID_428	Polruan to Polperro	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SX188503	UK Open Government License	<Null>	Polruan to Polperro	<Null>	UK
ME_UID_429	Poole Harbour	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SY978872	UK Open Government License	<Null>	Poole Harbour	<Null>	UK
ME_UID_430	Porthcew	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SW593269	UK Open Government License	<Null>	Porthcew	<Null>	UK
ME_UID_431	Porthgwarra to Pordenack Point	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SW360228	UK Open Government License	<Null>	Porthgwarra to Pordenack Point	<Null>	UK
ME_UID_432	Porthleven Cliffs	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SW622257	UK Open Government License	<Null>	Porthleven Cliffs	<Null>	UK
ME_UID_433	Porthleven Cliffs East	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SW633249	UK Open Government License	<Null>	Porthleven Cliffs East	<Null>	UK
ME_UID_434	Portland Harbour Shore	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SY677777	UK Open Government License	<Null>	Portland Harbour Shore	<Null>	UK
ME_UID_435	Portsmouth Harbour	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SU617034	UK Open Government License	<Null>	Portsmouth Harbour	<Null>	UK
ME_UID_436	Prawle Point and Start Point	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SX791364	UK Open Government License	<Null>	Prawle Point and Start Point	<Null>	UK
ME_UID_437	Purbeck Ridge (East)	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SZ022811	UK Open Government License	<Null>	Purbeck Ridge (East)	<Null>	UK
ME_UID_438	Rame Head & Whitsand Bay	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SX374533	UK Open Government License	<Null>	Rame Head & Whitsand Bay	<Null>	UK
ME_UID_439	Ramsholt Cliff	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TM297427	UK Open Government License	<Null>	Ramsholt Cliff	<Null>	UK
ME_UID_440	Redcar Rocks	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		NZ611252	UK Open Government License	<Null>	Redcar Rocks	<Null>	UK
ME_UID_441	Rempstone Heaths	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SZ010852	UK Open Government License	<Null>	Rempstone Heaths	<Null>	UK
ME_UID_442	River Avon System	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SZ141985	UK Open Government License	<Null>	River Avon System	<Null>	UK
ME_UID_443	River Coquet and Coquet Valley Woodlands	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		NU023019	UK Open Government License	<Null>	River Coquet and Coquet Valley Woodlands	<Null>	UK
ME_UID_444	River Frome	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SY756906	UK Open Government License	<Null>	River Frome	<Null>	UK
ME_UID_445	River Test	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SU378386	UK Open Government License	<Null>	River Test	<Null>	UK
ME_UID_446	Robin Hood's Bay: Maw Wyke to Beast Cliff	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		NZ989012	UK Open Government License	<Null>	Robin Hood's Bay: Maw Wyke to Beast Cliff	<Null>	UK
ME_UID_447	Roman River	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TM001207	UK Open Government License	<Null>	Roman River	<Null>	UK
ME_UID_448	Rosemullion	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SW792274	UK Open Government License	<Null>	Rosemullion	<Null>	UK
ME_UID_449	Roundham Head	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SX895598	UK Open Government License	<Null>	Roundham Head	<Null>	UK
ME_UID_450	Runswick Bay	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		NZ808169	UK Open Government License	<Null>	Runswick Bay	<Null>	UK
ME_UID_451	Ryde Sands and Wootton Creek	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SZ615926	UK Open Government License	<Null>	Ryde Sands and Wootton Creek	<Null>	UK
ME_UID_452	Salcombe to Kingsbridge Estuary	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SX745405	UK Open Government License	<Null>	Salcombe to Kingsbridge Estuary	<Null>	UK

ME_UID_453	Saltern Cove	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SX895585	UK Open Government License	<Null>	Saltern Cove	<Null>	UK
ME_UID_454	Saltfleetby - Theddlethorpe Dunes	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TF481908	UK Open Government License	<Null>	Saltfleetby - Theddlethorpe Dunes	<Null>	UK
ME_UID_455	Sandwich Bay to Hacklinge Marshes	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TR352592	UK Open Government License	<Null>	Sandwich Bay to Hacklinge Marshes	<Null>	UK
ME_UID_456	Seaford to Beachy Head	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TV519985	UK Open Government License	<Null>	Seaford to Beachy Head	<Null>	UK
ME_UID_457	Seal Sands	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		NZ527258	UK Open Government License	<Null>	Seal Sands	<Null>	UK
ME_UID_458	Seaton Dunes and Common	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		NZ533281	UK Open Government License	<Null>	Seaton Dunes and Common	<Null>	UK
ME_UID_459	Selsey, East Beach	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SZ860925	UK Open Government License	<Null>	Selsey, East Beach	<Null>	UK
ME_UID_460	Sheppey Cliffs and Foreshore	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TQ993730	UK Open Government License	<Null>	Sheppey Cliffs and Foreshore	<Null>	UK
ME_UID_461	Sidestrand and Trimmingham Cliffs	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TG275392	UK Open Government License	<Null>	Sidestrand and Trimmingham Cliffs	<Null>	UK
ME_UID_462	Sidmouth to Beer Coast	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SY182880	UK Open Government License	<Null>	Sidmouth to Beer Coast	<Null>	UK
ME_UID_463	Sinah Common	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SZ695979	UK Open Government License	<Null>	Sinah Common	<Null>	UK
ME_UID_464	Slapton Ley	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SX828441	UK Open Government License	<Null>	Slapton Ley	<Null>	UK
ME_UID_465	South Dorset Coast	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SY879795	UK Open Government License	<Null>	South Dorset Coast	<Null>	UK
ME_UID_466	South Gare & Coatham Sands	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		NZ570264	UK Open Government License	<Null>	South Gare & Coatham Sands	<Null>	UK
ME_UID_467	South Thames Estuary and Marshes	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TQ805794	UK Open Government License	<Null>	South Thames Estuary and Marshes	<Null>	UK
ME_UID_468	Sprat's Water and Marshes, Carlton Colville	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TM506922	UK Open Government License	<Null>	Sprat's Water and Marshes, Carlton Colville	<Null>	UK
ME_UID_469	St John's Lake	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SX429538	UK Open Government License	<Null>	St John's Lake	<Null>	UK
ME_UID_470	St Michael's Mount	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SW513297	UK Open Government License	<Null>	St Michael's Mount	<Null>	UK
ME_UID_471	Staithes - Port Mulgrave	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		NZ793184	UK Open Government License	<Null>	Staithes - Port Mulgrave	<Null>	UK
ME_UID_472	Stanley and Alder Carrs, Aldeby	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TM433927	UK Open Government License	<Null>	Stanley and Alder Carrs, Aldeby	<Null>	UK
ME_UID_473	Stodmarsh	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TR212613	UK Open Government License	<Null>	Stodmarsh	<Null>	UK
ME_UID_474	Stour Estuary	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TM173327	UK Open Government License	<Null>	Stour Estuary	<Null>	UK
ME_UID_475	Studland & Godlingston Heaths	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SZ024839	UK Open Government License	<Null>	Studland & Godlingston Heaths	<Null>	UK
ME_UID_476	Studland Cliffs	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SZ041824	UK Open Government License	<Null>	Studland Cliffs	<Null>	UK
ME_UID_477	Swanpool	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SW800315	UK Open Government License	<Null>	Swanpool	<Null>	UK
ME_UID_478	Tamar - Tavy Estuary	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SX438632	UK Open Government License	<Null>	Tamar - Tavy Estuary	<Null>	UK
ME_UID_479	Tater-Du	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SW440230	UK Open Government License	<Null>	Tater-Du	<Null>	UK
ME_UID_480	Tees and Hartlepool Foreshore and Wetlands	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		NZ514350	UK Open Government License	<Null>	Tees and Hartlepool Foreshore and Wetlands	<Null>	UK
ME_UID_481	Thanet Coast	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TR283696	UK Open Government License	<Null>	Thanet Coast	<Null>	UK
ME_UID_482	The Cliff, Burnham-on-Crouch	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TQ921967	UK Open Government License	<Null>	The Cliff, Burnham-on-Crouch	<Null>	UK
ME_UID_483	The Farne Islands	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		NU218359	UK Open Government License	<Null>	The Farne Islands	<Null>	UK
ME_UID_484	The Lagoons	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TA411175	UK Open Government License	<Null>	The Lagoons	<Null>	UK
ME_UID_485	The Naze	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TM266236	UK Open Government License	<Null>	The Naze	<Null>	UK
ME_UID_486	The Swale	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TR001665	UK Open Government License	<Null>	The Swale	<Null>	UK
ME_UID_487	The Wash	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TF537402	UK Open Government License	<Null>	The Wash	<Null>	UK

ME_UID_488	Thorness Bay	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SZ457936	UK Open Government License	<Null>	Thorness Bay	<Null>	UK
ME_UID_489	Tower Hill to Cockham Wood	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TQ765715	UK Open Government License	<Null>	Tower Hill to Cockham Wood	<Null>	UK
ME_UID_490	Treen Cliff	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SW396223	UK Open Government License	<Null>	Treen Cliff	<Null>	UK
ME_UID_491	Tremearne Par	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SW609266	UK Open Government License	<Null>	Tremearne Par	<Null>	UK
ME_UID_492	Tweed Catchment Rivers - England: Lower Tweed and Whiteadder	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		NT969516	UK Open Government License	<Null>	Tweed Catchment Rivers - England: Lower Tweed and Whiteadder	<Null>	UK
ME_UID_493	Tynemouth to Seaton Sluice	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		NZ340762	UK Open Government License	<Null>	Tynemouth to Seaton Sluice	<Null>	UK
ME_UID_494	Upper Colne Marshes	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TM026226	UK Open Government License	<Null>	Upper Colne Marshes	<Null>	UK
ME_UID_495	Upper Fal Estuary and Woods	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SW850403	UK Open Government License	<Null>	Upper Fal Estuary and Woods	<Null>	UK
ME_UID_496	Upper Hamble Estuary and Woods	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SU500108	UK Open Government License	<Null>	Upper Hamble Estuary and Woods	<Null>	UK
ME_UID_497	Vange & Fobbing Marshes	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TQ733839	UK Open Government License	<Null>	Vange & Fobbing Marshes	<Null>	UK
ME_UID_498	Warblington Meadow	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SU729052	UK Open Government License	<Null>	Warblington Meadow	<Null>	UK
ME_UID_499	Wareham Meadows	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SY931871	UK Open Government License	<Null>	Wareham Meadows	<Null>	UK
ME_UID_500	Warkworth Dunes and Saltmarsh	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		NU260058	UK Open Government License	<Null>	Warkworth Dunes and Saltmarsh	<Null>	UK
ME_UID_501	Wear River Bank	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		NZ359577	UK Open Government License	<Null>	Wear River Bank	<Null>	UK
ME_UID_502	Wembury Point	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SX525482	UK Open Government License	<Null>	Wembury Point	<Null>	UK
ME_UID_503	West Dorset Coast	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SY397922	UK Open Government License	<Null>	West Dorset Coast	<Null>	UK
ME_UID_504	West Lizard	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SW686149	UK Open Government License	<Null>	West Lizard	<Null>	UK
ME_UID_505	West Runton Cliffs	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TG187431	UK Open Government License	<Null>	West Runton Cliffs	<Null>	UK
ME_UID_506	Western King	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SX461533	UK Open Government License	<Null>	Western King	<Null>	UK
ME_UID_507	Weybourne Cliffs	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TG133435	UK Open Government License	<Null>	Weybourne Cliffs	<Null>	UK
ME_UID_508	Whitby-Saltwick	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		NZ911112	UK Open Government License	<Null>	Whitby-Saltwick	<Null>	UK
ME_UID_509	Whitecliff Bay and Bembridge Ledges	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SZ650868	UK Open Government License	<Null>	Whitecliff Bay and Bembridge Ledges	<Null>	UK
ME_UID_510	Winterton - Horsey Dunes	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TG494202	UK Open Government License	<Null>	Winterton - Horsey Dunes	<Null>	UK
ME_UID_511	Withow Gap, Skipsea	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		TA182546	UK Open Government License	<Null>	Withow Gap, Skipsea	<Null>	UK
ME_UID_512	Yar Estuary	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SZ353884	UK Open Government License	<Null>	Yar Estuary	<Null>	UK
ME_UID_513	Yealm Estuary	SSSI (where part of site falls below MHW)	Natural England	Downloaded 07-01-2015	Designated	UK		SX551501	UK Open Government License	<Null>	Yealm Estuary	<Null>	UK
ME_UID_514	Estuaires Picards et Mer D Opale	National Park	http://cartographie.aires-marines.fr/viewer/index.php	Downloaded 18-03-2015	Designated	FR			No license provided with download	<Null>	Estuaires Picards et Mer D Opale	<Null>	France
ME_UID_515	Færder	National Park	http://kartkatalog.miljodirektoratet.no/Map_catalog_dataset_download_overview.asp?Language=EN	Downloaded 18-03-2015		NOR			No license provided with download	<Null>	Færder	<Null>	Norway
ME_UID_516	Havet mellem Korshage og Hundested	SPA (with marine components)	EEA	EEA N2K download, version end2013 rev1	<Null>	DK	DK005Y102	<Null>	No license provided with download	<Null>	Havet mellem Korshage og Hundested	<Null>	Denmark
ME_UID_517	Nordre Rønner	SPA (with marine components)	EEA	EEA N2K download, version end2013 rev1	<Null>	DK	DK00FX009	<Null>	No license provided with download	<Null>	Nordre Rønner	<Null>	Denmark

ME_UID_518	Ålborg Bugt, østlige del	SPA (with marine components)	EEA	EEA N2K download, version end2013 rev1	<Null>	DK	DK00VA344	<Null>	No license provided with download	<Null>	Ålborg Bugt, østlige del	<Null>	Denmark
ME_UID_519	Hirsholmene	RAMSAR site	EEA	EEA N2K download, version end2013 rev1	<Null>	DK	DK00FX011	<Null>	No license provided with download	<Null>	Hirsholmene	<Null>	Denmark
ME_UID_520	Ålborg Bugt, nordlige del	SCI	EEA	EEA N2K download, version end2013 rev1	<Null>	DK	DK00FX002	<Null>	No license provided with download	<Null>	Ålborg Bugt, nordlige del	<Null>	Denmark
ME_UID_521	Randers og Mariager Fjorde og Ålborg Bugt, sydlige del		EEA	EEA N2K download, version end2013 rev1	<Null>	DK	DK00FY015	<Null>	No license provided with download	<Null>	Randers og Mariager Fjorde og Ålborg Bugt, sydlige del	<Null>	Denmark
ME_UID_522	Havet og kysten mellem Hundested og Rørvig	SCI	EEA	EEA N2K download, version end2013 rev1	<Null>	DK	DK005Y220	<Null>	No license provided with download	<Null>	Havet og kysten mellem Hundested og Rørvig	<Null>	Denmark
ME_UID_523	Vadehavet med Ribe Å, Tved Å og Varde Å vest for Varde	SCI	EEA	EEA N2K download, version end2013 rev1	<Null>	DK	DK00AY176	<Null>	No license provided with download	<Null>	Vadehavet med Ribe Å, Tved Å og Varde Å vest for Varde	<Null>	Denmark
ME_UID_524	Hirsholmene, havet vest herfor og Ellinge Å?s udløb	SCI	EEA	EEA N2K download, version end2013 rev1	<Null>	DK	DK00FX113	<Null>	No license provided with download	<Null>	Hirsholmene, havet vest herfor og Ellinge Å?s udløb	<Null>	Denmark
ME_UID_525	Skagens Gren og Skagerrak	SCI	EEA	EEA N2K download, version end2013 rev1	<Null>	DK	DK00FX112	<Null>	No license provided with download	<Null>	Skagens Gren og Skagerrak	<Null>	Denmark
ME_UID_526	Ålborg Bugt, Randers Fjord og Mariager Fjord	SCI	EEA	EEA N2K download, version end2013 rev1	<Null>	DK	DK00FX122	<Null>	No license provided with download	<Null>	Ålborg Bugt, Randers Fjord og Mariager Fjord	<Null>	Denmark
ME_UID_527	Gilleleje Flak og Tragten	SCI, SAC	EEA	EEA N2K download, version end2013 rev1	<Null>	DK	DK00VA171	<Null>	No license provided with download	<Null>	Gilleleje Flak og Tragten	<Null>	Denmark
ME_UID_528	Store Middelgrund	HELCOM Protected Area	EEA	EEA N2K download, version end2013 rev1	<Null>	DK	DK00VA250	<Null>	No license provided with download	<Null>	Store Middelgrund	<Null>	Denmark
ME_UID_529	Jyske Rev, Lillefiskerbanke	SCI	EEA	EEA N2K download, version end2013 rev1	<Null>	DK	DK00VA257	<Null>	No license provided with download	<Null>	Jyske Rev, Lillefiskerbanke	<Null>	Denmark
ME_UID_530	Store Rev	<Null>	EEA	EEA N2K download, version end2013 rev1	<Null>	DK	DK00VA258	<Null>	No license provided with download	<Null>	Store Rev	<Null>	Denmark
ME_UID_531	Gule Rev	<Null>	EEA	EEA N2K download, version end2013 rev1	<Null>	DK	DK00VA259	<Null>	No license provided with download	<Null>	Gule Rev	<Null>	Denmark
ME_UID_532	Thyborøn Stenvolde	SCI	EEA	EEA N2K download, version end2013 rev1	<Null>	DK	DK00VA348	<Null>	No license provided with download	<Null>	Thyborøn Stenvolde	<Null>	Denmark
ME_UID_533	Ebbeløkkerev	HELCOM Protected Area	EEA	EEA N2K download, version end2013 rev1	<Null>	DK	DK00VA330	<Null>	No license provided with download	<Null>	Ebbeløkkerev	<Null>	Denmark

ME_UID	mpa_name	mgmt_Responsible_Management	mgmt_Authority_website	mgmt_EUNIS_Site_Information	mgmt_MPA_Status	mgmt_Date_MPA_Status_obtained	mgmt_Restrictions	Natura 2000 Species	Natura 2000 Habitats	OSPAR Species	OSPAR habitats	Other species	Other habitats
ME_UID_1	S-H Wadden sea National Park	Schleswig-Holstein Wadden Sea National Park	http://www.nationalpark-wattenmeer.de/sh/overview-english	http://eunis.eea.europa.eu/sites/DE0916491	Designated and implemented as SPA	Sep-04	See restrictions at: http://www.nationalpark-wattenmeer.de/sh/overview-english						
ME_UID_2	Doggerbank	BfN-German Federal Agency for Nature Conservation	http://www.bfn.de/0314_doggerbank+M5054de7a952.html	http://eunis.eea.europa.eu/sites/DE1003301	Designated as SPA	May-04	NSRAC Fisheries Management: http://nsrac.org/wp-content/uploads/2012/07/NSRAC-11127-2012-04-09-Dogger-Bank-SACs-Position-Paper-FINAL.pdf	Annex II species: harbour porpoise and common seal. See: http://www.bfn.de/0314_doggerbank+M5054de7a952.html	Annex I habitats: sandbanks. See: http://www.bfn.de/0314_doggerbank+M5054de7a952.html				
ME_UID_3	Sylt.Aussenr.-Oestl.Dt.Bucht	BfN-German Federal Agency for Nature Conservation	http://www.bfn.de/0314_sylter-aussenriff+M5054de7a952.html and https://www.bfn.de/0314_oestliche-deutsche-bucht.html	http://eunis.eea.europa.eu/sites/DE1209301	Designated as SCI	May-04	<Null>	Annex II species: harbour porpoise, common seal, grey seal, river lamprey, twist shad. See: http://www.bfn.de/0314_sylter-aussenriff+M5054de7a952.html	Annex I habitats: sandbanks and reefs. See: http://www.bfn.de/0314_sylter-aussenriff+M5054de7a952.html				
ME_UID_4	S-H Seabird Protection Area	Ministry of Energy, Agriculture, the Environment and Rural Areas	http://www.bfn.de/0323_aba_id232.html	http://eunis.eea.europa.eu/sites/DE1813491	Designated as SPA	Sep-04	<Null>					Eider, common tern, arctic tern, black throated diver, red necked grebe, herring gull, red throated diver, common gull, black scroter and little gull. See: http://www.bfn.de/0323_aba_id232.html	
ME_UID_5	Borkum-Riffgrund	BfN- German Federal Agency for Nature Conservation	http://www.bfn.de/0314_borkumriffgrund+M5054de7a952.html	http://eunis.eea.europa.eu/sites/DE2104301	Designated as SCI	May-04	<Null>						
ME_UID_6	Nationalpark Niedersächsisches Wattenmeer	Lower Saxon Wadden Sea National Park	http://www.nationalpark-wattenmeer.de/nds	http://eunis.eea.europa.eu/sites/DE2306301	Designated and implemented as SCI	Oct-98	See restrictions at: http://www.nationalpark-wattenmeer.de/nds/nationalpark/erlaubten-verboten/wassersport	Annex II species: shad, lampern, grey sea lamprey, grey seal, common seal, harbour porpoise. See: http://eunis.eea.europa.eu/sites/DE2306301	Annex I habitats: sandbanks, estuaries, sandflats, mudflats, lagoons, inlets and bays, reefs, salicornia, spartina swards, salt meadows, dunes with specific features. See: http://eunis.eea.europa.eu/sites/DE2306301				
ME_UID_7	Iroise	Agence des aires marines protégées	https://www.parc-marin-iroise.gouv.fr	<Null>	Designated as Marine Park	Sep-07	2015 Action Plan: http://www.parc-marin-iroise.fr/Le-Parc/Actions/Programme-d-actions	Annex II species: British storm-petrel, European shag, common tern, Arctic tern, sandwich tern, roseate tern and little tern, red-throated loon, Arctic loon and common loon, Cory's shearwater, Balearic shearwater, Leach's storm-petrel, Mediterranean gull, Dartford warbler, Eurasian marsh harrier, peregrine falcon, red-billed chough, and little egret, herring gull, lesser and great black-backed gulls, Eurasian oyster catcher, black-bellied plover, black scoter, common redshank, and Eurasian curlew, shore dock, Trichomanes speciosum, Eurasian otter, grey seal, common bottlenose dolphin, and Harbour porpoise.	Annex I habitats: sand banks, estuaries, mudflats, sandflats, inlets and bays, reefs, sea caves, intertidal Fucus habitats, turtle grass flats, honeycomb worm reefs, intertidal boulder fields, Laminaria, maerl beds.				
ME_UID_8	Baie de Somme	Syndicat Mixte Grand Baie de Somme coast Picard	http://www.reserves-naturelles.org/baie-de-somme	http://eunis.eea.europa.eu/sites/FR2210068	Classified as SPA	Oct-04	<Null>	Annex II species: Pintail, Shoveler, Teal, Wigeon, Mallard, Greylag Goose, Bean Goose, Short-eared Owl, Bittern, Barnacle Goose, Dunlin, Knot, Ringed Plover, White Stork, Black Stork, Great White Egret, Little Egret, Merlin, Oystercatcher, Black-winged Stilt, Mediterranean Gull, Bar-tailed Godwit, Smew, Curlew, Night Heron, Osprey, Ruff, Spoonbill, Grey Plover, Baillon's Crake, Avocet, Common Tern, Sandwich Tern, Shelduck, Redshank.					
ME_UID_9	Domaine de Beauguillot	Agence des aires marines protégées	http://mpa.ospar.org/home_ospar/mpa_datasheets/an_mpa_dataSheet_popup_en?wdpaid=555544127&gid=1358	http://eunis.eea.europa.eu/sites/FR2510046	Classified as SPA	Mar-06	<Null>	Annex II species: see http://eunis.eea.europa.eu/sites/FR2510046					
ME_UID_10	Baie de Saint-Brieuc	Préfet, Conseil National pour la Protection de la Nature)	http://mpa.ospar.org/home_ospar/mpa_datasheets/an_mpa_dataSheet_popup_en?wdpaid=555544128&gid=240	http://eunis.eea.europa.eu/sites/FR5300066	Confirmed as SCI	Jan-13	<Null>	Annex II species: see: http://eunis.eea.europa.eu/sites/FR5300066	Annex II species: see: http://eunis.eea.europa.eu/sites/FR5300066				
ME_UID_11	Noordzeekustzone	Rijkswaterstaat (Water Management Agency)	http://www.synbiosys.alterra.nl/natura2000/gebiedendatabase.aspx?subj=n2k&groep=8&id=n2k7&topic=introductie	http://eunis.eea.europa.eu/sites/NL9802001	Designated as SAC and implemented	Feb-09	<Null>	Annex II species. See: http://eunis.eea.europa.eu/sites/NL9802001					
ME_UID_12	Doggerbank	Rijkswaterstaat (Water Management Agency)	http://www.synbiosys.alterra.nl/natura2000/gebiedendatabase.aspx?subj=n2k&groep=13&id=n2k164	http://eunis.eea.europa.eu/sites/NL2008001	Designated	Dec-09	<Null>	Annex II species: Harbour porpoise, harbour seal, grey seal. See: http://www.noordzeeloket.nl/en/projects/north-sea-natura-2000/sites/dogger-bank/protected-species/index.aspx	Annex I habitats: sandbanks. See: http://www.noordzeeloket.nl/en/projects/north-sea-natura-2000/sites/dogger-bank/habitat-type/index.aspx				

ME_UID_13	Klaverbank	Rijkswaterstaat (Water Management Agency)	http://www.synbiosys.alterra.nl/natura2000/gebiedendatabase.aspx?subj=n2k&groep=13&id=n2k165	http://eunis.eea.europa.eu/sites/NL2008002	Designated	Dec-09	<Null>	Annex II species: Harbour porpoise, harbour seal, grey seal. See: http://www.noordzeeloket.nl/en/projects/north-sea-natura-2000/sites/cleaver-bank/protected-species/index.aspx	Annex I habitats: See: http://www.noordzeeloket.nl/en/projects/north-sea-natura-2000/sites/cleaver-bank/habitat-type/index.aspx				
ME_UID_14	Vlakte van de Raan	Rijkswaterstaat (Water Management Agency)	http://www.synbiosys.alterra.nl/natura2000/gebiedendatabase.aspx?subj=n2k&groep=10&id=n2k163	http://eunis.eea.europa.eu/sites/NL2008003	Designated as SAC	Mar-11	<Null>	Annex II species: see http://eunis.eea.europa.eu/sites/NL2008003	Annex I habitats: see http://eunis.eea.europa.eu/sites/NL2008003				
ME_UID_15	Voordelta	Rijkswaterstaat (Water Management Agency)	http://www.synbiosys.alterra.nl/natura2000/gebiedendatabase.aspx?subj=n2k&groep=10&id=n2k113	http://eunis.eea.europa.eu/sites/NL4000017	Designated as SAC	Mar-08	<Null>	Annex II species: see: http://eunis.eea.europa.eu/sites/NL4000017	Annex I habitats: see: http://eunis.eea.europa.eu/sites/NL4000017				
ME_UID_16	Kungsbackafjorden	County Administration of Halland (regional); Swedish Agency for Marine and Water Management	http://www.lansstyrelsen.se/halland/Sv/djur-och-natur/skyddad-natur/natura-2000/Pages/Faststallda_bevarandeplaner.aspx ,	http://eunis.eea.europa.eu/sites/SE0510058	Designated as SAC and implemented	Mar-11	<Null>	Annex II species: see: http://eunis.eea.europa.eu/sites/SE0510058	Annex I habitats: see: http://eunis.eea.europa.eu/sites/SE0510058				
ME_UID_17	Lilla Middelgrund	County Administrative Board of Halland	http://www.lansstyrelsen.se/halland/Sv/djur-och-natur/skyddad-natur/natura-2000/Pages/Faststallda_bevarandeplaner.aspx ,	http://eunis.eea.europa.eu/sites/SE0510126	Designated as SAC and implemented	Mar-11	http://www.lansstyrelsen.se/halland/Sv/djur-och-natur/skyddad-natur/natura-2000/om-tillstandsprovning-for-natura-2000-omraden/Pages/default.aspx	Annex II species: see: http://eunis.eea.europa.eu/sites/SE0510126	Annex I habitats: see: http://eunis.eea.europa.eu/sites/SE0510126				
ME_UID_18	Fladen	County Administrative Board of Halland	http://www.lansstyrelsen.se/halland/Sv/djur-och-natur/skyddad-natur/natura-2000/Pages/Faststallda_bevarandeplaner.aspx ,	http://eunis.eea.europa.eu/sites/SE0510127	Designated as SAC and implemented	Mar-11	http://www.lansstyrelsen.se/halland/Sv/djur-och-natur/skyddad-natur/natura-2000/om-tillstandsprovning-for-natura-2000-omraden/Pages/default.aspx	Annex II species: see: http://eunis.eea.europa.eu/sites/SE0510127	Annex I habitats: see: http://eunis.eea.europa.eu/sites/SE0510127				
ME_UID_19	Stora Middelgrund och Röde bank	County Administrative Board of Halland	http://www.lansstyrelsen.se/halland/Sv/djur-och-natur/skyddad-natur/natura-2000/Pages/Faststallda_bevarandeplaner.aspx ,	http://eunis.eea.europa.eu/sites/SE0510186	Designated	Dec-09	http://www.lansstyrelsen.se/halland/Sv/djur-och-natur/skyddad-natur/natura-2000/om-tillstandsprovning-for-natura-2000-omraden/Pages/default.aspx	Annex II species: common porpoise. See: http://eunis.eea.europa.eu/sites/SE0510186	Annex I habitats: sandbanks and reefs. See: http://eunis.eea.europa.eu/sites/SE0510186				
ME_UID_20	Morups bank	County Administrative Board of Halland	http://www.lansstyrelsen.se/halland/Sv/djur-och-natur/skyddad-natur/natura-2000/Pages/Faststallda_bevarandeplaner.aspx ,	http://eunis.eea.europa.eu/sites/SE0510187	Designated	Dec-09	http://www.lansstyrelsen.se/halland/Sv/djur-och-natur/skyddad-natur/natura-2000/om-tillstandsprovning-for-natura-2000-omraden/Pages/default.aspx		Annex I habitats: sandbanks and reefs. See: http://eunis.eea.europa.eu/sites/SE0510187				
ME_UID_21	Nordre älvs estuarium	County Administrative Board of Västra Götaland (regional); Swedish Agency for Marine and Water Management (National)	www.lansstyrelsen.se/vastragotaland	http://eunis.eea.europa.eu/sites/SE0520043	Designated as SAC and implemented	Mar-11	http://www.lansstyrelsen.se/halland/Sv/djur-och-natur/skyddad-natur/natura-2000/om-tillstandsprovning-for-natura-2000-omraden/Pages/default.aspx	Annex II species: see: http://eunis.eea.europa.eu/sites/SE0520043	Annex I habitats: see: http://eunis.eea.europa.eu/sites/SE0520043				
ME_UID_22	Kosterfjorden-Väderöfjorden	Swedish Agency for Marine and Water Management?	http://eunis.eea.europa.eu/sites/SE0520170	http://eunis.eea.europa.eu/sites/SE0520170	Designated as SAC and implemented	Mar-11	http://www.lansstyrelsen.se/halland/Sv/djur-och-natur/skyddad-natur/natura-2000/om-tillstandsprovning-for-natura-2000-omraden/Pages/default.aspx	Annex II species: see: http://eunis.eea.europa.eu/sites/SE0520170	Annex I habitats: see: http://eunis.eea.europa.eu/sites/SE0520170				
ME_UID_23	Gullmarsfjorden	County Administrative Board of Västra Götaland (regional); Swedish Agency for Marine and Water Management (National)	www.lansstyrelsen.se/vastragotaland	http://eunis.eea.europa.eu/sites/SE0520171	Designated as SAC and implemented	Mar-11	http://www.lansstyrelsen.se/halland/Sv/djur-och-natur/skyddad-natur/natura-2000/om-tillstandsprovning-for-natura-2000-omraden/Pages/default.aspx	Annex II species: see: http://eunis.eea.europa.eu/sites/SE0520171	Annex I habitats: see: http://eunis.eea.europa.eu/sites/SE0520171				
ME_UID_24	Vlaamse Banken , SBZ 1 and SBZ2	Federal Public Service (FPS) Health, Food Chain Safety and Environment	http://www.health.belgium.be/eportal/Environment/MarineEnvironment/TheMarineEnvironmentPolicy/WorkingInAnInternational/BirdsAndHabitats/AreaPolicy/BirdsDirectiveAreas/19087529_EN?ie2Term=NorthSea&ie2section=83#.VO2km2ezXIU	http://eunis.eea.europa.eu/sites/BEMNZ0002 and http://eunis.eea.europa.eu/sites/BEMNZ0003	Designated as SPA	Oct-05	<Null>	Annex II species: see: http://eunis.eea.europa.eu/sites/BEMNZ0002 and http://eunis.eea.europa.eu/sites/BEMNZ0003	Annex I habitats: see: http://eunis.eea.europa.eu/sites/BEMNZ0002 and http://eunis.eea.europa.eu/sites/BEMNZ0003				
ME_UID_25	SBZ3	Federal Public Service (FPS) Health, Food Chain Safety and Environment	http://www.health.belgium.be/eportal/Environment/MarineEnvironment/TheMarineEnvironmentPolicy/WorkingInAnInternational/BirdsAndHabitats/AreaPolicy/BirdsDirectiveAreas/19087529_EN?ie2Term=NorthSea&ie2section=83#.VO2km2ezXIU	http://eunis.eea.europa.eu/sites/BEMNZ0004	Designated as SPA	Oct-05	Permanenet mooring and anchoring; prohibited pole and line fishing	Annex II species: see: http://eunis.eea.europa.eu/sites/BEMNZ0004	Annex I habitats: see: http://eunis.eea.europa.eu/sites/BEMNZ0004				
ME_UID_26	Estuaire de la Seine	Association Maison de l'Estuaire	http://maisondelestuaire.net/reserve.html	http://eunis.eea.europa.eu/sites/FR2300121	Confirmed as SCI	Jan-13	See restrictions at: http://maisondelestuaire.net/reserve_gestion.html#hydraulique	Annex II species: see: http://eunis.eea.europa.eu/sites/FR2300121	Annex I habitats: see: http://eunis.eea.europa.eu/sites/FR2300121				
ME_UID_27	Littoral Cauchois	DREAL Haute-Normandie	www.haute-normandie.developpementdurable.gouv.fr	http://eunis.eea.europa.eu/sites/FR2300139	Confirmed as SCI	Jan-13	<Null>	Annex II species: see: http://eunis.eea.europa.eu/sites/FR2300139	Annex I habitats: see: http://eunis.eea.europa.eu/sites/FR2300139				
ME_UID_28	Récifs et marais arrière-littoraux du cap Lévi à la Pointe de Saire	DIREN Basse-Normandie / MNHN-SPN	http://mpa.ospar.org/home_ospar/mpa_datasheets/an_mpa_dataSheet_popup_en?wdpaid=555557135&gid=1810	http://eunis.eea.europa.eu/sites/FR2500085	Confirmed as SCI	Jan-13	<Null>	Annex II species: see: http://eunis.eea.europa.eu/sites/FR2500085	Annex I habitats: see: http://eunis.eea.europa.eu/sites/FR2500085				
ME_UID_29	Tatihou - Saint-Vaast-la-Hougue	DIREN Basse-Normandie / SPN IEGB-MNHN	http://mpa.ospar.org/home_ospar/mpa_datasheets/an_mpa_dataSheet_popup_en?wdpaid=555557196&gid=1932	http://eunis.eea.europa.eu/sites/FR2500086	Confirmed as SCI	Jan-13	<Null>		Annex I habitats: see: http://eunis.eea.europa.eu/sites/FR2500086				

ME_UID_30	Marais du Cotentin et du Bessin - Baie des Veys	DIREN Basse-Normandie / SPN IEGB-MNHN	http://mpa.ospar.org/home_ospar/mpa_datasheets/an_mpa_data_sheet_popup_en?wdpaid=555557079&gid=1698	http://eunis.eea.europa.eu/sites/FR2500088	Confirmed as SCI	Jan-13	<Null>	Annex II species: see: http://eunis.eea.europa.eu/sites/FR2500088	Annex I habitats: see: http://eunis.eea.europa.eu/sites/FR2500088				
ME_UID_31	Baie de Seine occidentale	Agence des aires marines protégées	http://baiedeseine.n2000.fr/les-sites/baie-de-seine-occidentale-zps-zsc	http://eunis.eea.europa.eu/sites/FR2502020	Confirmed as SCI	Jan-13	<Null>	Annex II species: see: http://eunis.eea.europa.eu/sites/FR2500088	Annex I habitats: see: http://eunis.eea.europa.eu/sites/FR2500088				
ME_UID_32	Bancs des Flandres	DIREN Nord-Pas-de-Calais / MNHN-SPN	http://mpa.ospar.org/home_ospar/mpa_datasheets/an_mpa_data_sheet_popup_en?wdpaid=555556925&gid=1392	http://eunis.eea.europa.eu/sites/FR3102002	Confirmed as SCI	Jan-13	<Null>	Annex II species: see: http://eunis.eea.europa.eu/sites/FR3102002	Annex I habitats: see: http://eunis.eea.europa.eu/sites/FR3102002				
ME_UID_33	Côte de Granit rose-Sept-Iles	DREAL BRETAGNE / SPN-EGB-MNHN	http://mpa.ospar.org/home_ospar/mpa_datasheets/an_mpa_data_sheet_popup_en?wdpaid=555556957&gid=1456	http://eunis.eea.europa.eu/sites/FR5300009	Designated as SAC	May-07	<Null>	Annex II species: see: http://eunis.eea.europa.eu/sites/FR5300009	Annex I habitats: see: http://eunis.eea.europa.eu/sites/FR5300009				
ME_UID_34	Tregor Goëlo	DGALN/DEB/SDEN/Bureau Natura 2000	http://mpa.ospar.org/home_ospar/mpa_datasheets/an_mpa_data_sheet_popup_en?wdpaid=555557212&gid=1964	http://eunis.eea.europa.eu/sites/FR5300010	Designated as SAC	May-07	<Null>	Annex II species: see: http://eunis.eea.europa.eu/sites/FR5300010	Annex I habitats: see: http://eunis.eea.europa.eu/sites/FR5300010				
ME_UID_35	Baie de Morlaix	DREAL BRETAGNE / SPN-EGB-MNHN	http://mpa.ospar.org/home_ospar/mpa_datasheets/an_mpa_data_sheet_popup_en?wdpaid=555556922&gid=1386	http://eunis.eea.europa.eu/sites/FR5300015	Designated as SAC	May-07	<Null>	Annex II species: see: http://eunis.eea.europa.eu/sites/FR5300015	Annex I habitats: see: http://eunis.eea.europa.eu/sites/FR5300015				
ME_UID_36	Abers - Côtes des légendes	DGALN/DEB/SDEN/Bureau Natura 2000	http://mpa.ospar.org/home_ospar/mpa_datasheets/an_mpa_data_sheet_popup_en?wdpaid=555556909&gid=1360	http://eunis.eea.europa.eu/sites/FR5300017	Designated as SAC	May-07	<Null>	Annex II species: see: http://eunis.eea.europa.eu/sites/FR5300017	Annex I habitats: see: http://eunis.eea.europa.eu/sites/FR5300017				
ME_UID_37	Falaise du Bessin Occidental	Agence des aires marines protégées	http://baiedeseine.n2000.fr/les-sites/falaise-du-bessin-occidental-zps	http://eunis.eea.europa.eu/sites/FR2510099	Classified as SPA	Jan-05	<Null>	Annex II species: see: http://eunis.eea.europa.eu/sites/FR2510099					
ME_UID_38	Côte de Granit Rose-Sept Iles	<Null>	http://mpa.ospar.org/home_ospar/mpa_datasheets/an_mpa_data_sheet_popup_en?wdpaid=555544129&gid=242	http://eunis.eea.europa.eu/sites/FR5310011	Classified as SPA	Jul-04	<Null>	Annex II species: see: http://eunis.eea.europa.eu/sites/FR5310011					
ME_UID_39	Havstensfjord	County Administrative Board of Vstra Gotaland (regional); Swedish Agency for Marine and Water Management (National)	www.lansstyrelsen.se/vastragotaland	http://eunis.eea.europa.eu/sites/SE0520173	Designated as SAC and implemented	Mar-11	http://www.lansstyrelsen.se/halland/Sv/djur-och-natur/skyddad-natur/natura2000/om-tillstandsprovning-for-natura2000-omraden/Pages/default.aspx	Annex II species: see: http://eunis.eea.europa.eu/sites/SE0520173					
ME_UID_40	Bratten	County Administrative Board of Vstra Gotaland (regional); Swedish Agency for Marine and Water Management (National)	www.lansstyrelsen.se/vastragotaland	http://eunis.eea.europa.eu/sites/SE0520189	designated but not implemented due to lack of means	Nov-13	http://www.lansstyrelsen.se/halland/Sv/djur-och-natur/skyddad-natur/natura2000/om-tillstandsprovning-for-natura2000-omraden/Pages/default.aspx		Annex I habitats: see: http://eunis.eea.europa.eu/sites/SE0520189				
ME_UID_41	Ytre Hvaler	Directorate of Fisheries	http://www.fiskeridir.no/english	http://www.ytrehvaler.no/	Designated as marine national park	<Null>	Marine management plan: http://www.ytrehvaler.no/Naturforvaltning/Forvaltningsplanen/Forvaltningsplan-for-sjoomradene/				http://www.ytrehvaler.no/Naturverdier-i-havet/Fisk-og-sjodyr/		
ME_UID_42	Breisunddjupet	Directorate of Fisheries	http://www.fiskeridir.no/english	n/a	<Null>	2010	Prohibited: Professional bottom trawling. See: http://mpa.ospar.org/home_ospar/mpa_datasheets/an_mpa_data_sheet_popup_en?wdpaid=555556940&gid=1422&lg=0	Lophelia pertusa. See: http://mpa.ospar.org/home_ospar/mpa_datasheets/an_mpa_data_sheet_popup_en?wdpaid=555556940&gid=1422&lg=0					
ME_UID_43	Dornoch Firth and Loch Fleet	Scotland	http://jncc.defra.gov.uk/page-1878-theme=default	http://eunis.eea.europa.eu/sites/UK9001622	Classified as SPA	Mar-97	<Null>	Protected bird species listed at: http://eunis.eea.europa.eu/sites/UK9001622					
ME_UID_44	Cromarty Firth	Scotland	http://jncc.defra.gov.uk/default.aspx?page=1879	http://eunis.eea.europa.eu/sites/UK9001623	Classified as SPA	Mar-99	<Null>	Protected bird species listed at: http://eunis.eea.europa.eu/sites/UK9001623					
ME_UID_45	Inner Moray Firth	Scotland	http://jncc.defra.gov.uk/default.aspx?page=1880	http://eunis.eea.europa.eu/sites/UK9001624	Classified as SPA	Mar-99	<Null>	Protected bird species listed at: http://eunis.eea.europa.eu/sites/UK9001624					
ME_UID_46	Moray and Nairn Coast	Scotland	http://jncc.defra.gov.uk/page-1891-theme=default	http://eunis.eea.europa.eu/sites/UK9001625	Classified as SPA	Mar-97	<Null>	Protected bird species listed at: http://eunis.eea.europa.eu/sites/UK9001625					
ME_UID_47	East Sanday Coast	Scotland	http://jncc.defra.gov.uk/page-1918-theme=default	http://eunis.eea.europa.eu/sites/UK9002331	Classified as SPA	Aug-97	<Null>	Protected bird species listed at: http://eunis.eea.europa.eu/sites/UK9002331					
ME_UID_48	Firth of Tay & Eden Estuary	Scotland	http://jncc.defra.gov.uk/page-1974-theme=default	http://eunis.eea.europa.eu/sites/UK9004121	Classified as SPA	Feb-00	<Null>	Protected bird species listed at: http://eunis.eea.europa.eu/sites/UK9004121					
ME_UID_49	Lindisfarne	Defra	http://publications.naturalengland.org.uk/publication/5382184353398784	http://eunis.eea.europa.eu/sites/UK9006011	Classified as SPA	Mar-92	<Null>	Protected bird species listed at: http://eunis.eea.europa.eu/sites/UK9006011					
ME_UID_50	Teesmouth and Cleveland Coast	Defra	http://jncc.defra.gov.uk/default.aspx?page=2003	http://eunis.eea.europa.eu/sites/UK9006061	Classified as SPA	Aug-95	<Null>	Protected bird species listed at: http://eunis.eea.europa.eu/sites/UK9006061					
ME_UID_51	Humber Estuary	Defra	http://jncc.defra.gov.uk/page-2004	http://eunis.eea.europa.eu/sites/UK9006111	Classified as SPA	Aug-07	<Null>	Protected bird species listed at: http://eunis.eea.europa.eu/sites/UK9006111					
ME_UID_52	The Wash	Defra	http://jncc.defra.gov.uk/default.aspx?page=2008	http://eunis.eea.europa.eu/sites/UK9008021	Classified as SPA	Mar-88	<Null>	Protected bird species listed at: http://eunis.eea.europa.eu/sites/UK9008021					
ME_UID_53	Gibraltar Point	Defra	http://jncc.defra.gov.uk/page-2010	http://eunis.eea.europa.eu/sites/UK9008022	Classified as SPA	Mar-93	<Null>	Protected bird species listed at: http://eunis.eea.europa.eu/sites/UK9008022					

ME_UID_54	Alde-Ore Estuary	Defra	http://jncc.defra.gov.uk/page-2012-theme=default	http://eunis.eea.europa.eu/sites/UK9009112	Classified as SPA		Oct-96	<Null>	Protected bird species listed at: http://eunis.eea.europa.eu/sites/UK9009112					
ME_UID_55	Stour and Orwell Estuaries	Defra	http://jncc.defra.gov.uk/page-2014-theme=default	http://eunis.eea.europa.eu/sites/UK9009121	Classified as SPA		Jul-94	<Null>	Protected bird species listed at: http://eunis.eea.europa.eu/sites/UK9009121					
ME_UID_56	Hamford Water	Defra	http://jncc.defra.gov.uk/page-2015-theme=default	http://eunis.eea.europa.eu/sites/UK9009131	Classified as SPA		Jun-93	<Null>	Protected bird species listed at: http://eunis.eea.europa.eu/sites/UK9009131					
ME_UID_57	Benfleet and Southend Marshes	Defra	http://jncc.defra.gov.uk/default.aspx?page=2017	http://eunis.eea.europa.eu/sites/UK9009171	Classified as SPA		Feb-94	<Null>	Protected bird species listed at: http://eunis.eea.europa.eu/sites/UK9009171					
ME_UID_58	Dengie (Mid-Essex Coast Phase 1)	Defra	http://jncc.defra.gov.uk/default.aspx?page=2019	http://eunis.eea.europa.eu/sites/UK9009242	Classified as SPA		Mar-94	<Null>	Protected bird species listed at: http://eunis.eea.europa.eu/sites/UK9009242					
ME_UID_59	Colne Estuary (Mid-Essex Coast Phase 2)	Defra	http://jncc.defra.gov.uk/default.aspx?page=2020	http://eunis.eea.europa.eu/sites/UK9009243	Classified as SPA		Jul-94	<Null>	Protected bird species listed at: http://eunis.eea.europa.eu/sites/UK9009243					
ME_UID_60	Crouch and Roach Estuaries (Mid-Essex Coast Phase 3)	Defra	http://jncc.defra.gov.uk/default.aspx?page=2021	http://eunis.eea.europa.eu/sites/UK9009244	Classified as SPA		Jun-98	<Null>	Protected bird species listed at: http://eunis.eea.europa.eu/sites/UK9009244					
ME_UID_61	Blackwater Estuary (Mid-Essex Coast Phase 4)	Defra	http://jncc.defra.gov.uk/default.aspx?page=2023	http://eunis.eea.europa.eu/sites/UK9009245	Classified as SPA		Mar-95	<Null>	Protected bird species listed at: http://eunis.eea.europa.eu/sites/UK9009245					
ME_UID_62	Exe Estuary	Defra	http://jncc.defra.gov.uk/page-2041-theme=default	http://eunis.eea.europa.eu/sites/UK9010081	Classified as SPA		Mar-92	<Null>	Protected bird species listed at: http://eunis.eea.europa.eu/sites/UK9010081					
ME_UID_63	Tamar Estuaries Complex	Defra	http://jncc.defra.gov.uk/page-2042	http://eunis.eea.europa.eu/sites/UK9010141	Classified as SPA		Jun-97	<Null>	Protected bird species listed at: http://eunis.eea.europa.eu/sites/UK9010141					
ME_UID_64	The Swale	Defra	http://jncc.defra.gov.uk/default.aspx?page=2043	http://eunis.eea.europa.eu/sites/UK9012011	Classified as SPA		Aug-82	<Null>	Protected bird species listed at: http://eunis.eea.europa.eu/sites/UK9012011					
ME_UID_65	Thames Estuary and Marshes	Defra	http://jncc.defra.gov.uk/default.aspx?page=2044	http://eunis.eea.europa.eu/sites/UK9012021	Classified as SPA		Mar-00	<Null>	Protected bird species listed at: http://eunis.eea.europa.eu/sites/UK9012021					
ME_UID_66	Medway Estuary and Marshes	Defra	http://jncc.defra.gov.uk/page-2045-theme=default	http://eunis.eea.europa.eu/sites/UK9012031	Classified as SPA		Dec-93	<Null>	Protected bird species listed at: http://eunis.eea.europa.eu/sites/UK9012031					
ME_UID_67	Buchan Ness to Collieston Coast	Scotland	http://jncc.defra.gov.uk/page-1923-theme=default	http://eunis.eea.europa.eu/sites/UK9002491	Classified as SPA		Mar-98	<Null>	Protected bird species listed at: http://eunis.eea.europa.eu/sites/UK9002491					
ME_UID_68	Calf of Eday	Scotland	http://jncc.defra.gov.uk/default.aspx?page=1921	http://eunis.eea.europa.eu/sites/UK9002431	Classified as SPA		Jun-98	<Null>	Protected bird species listed at: http://eunis.eea.europa.eu/sites/UK9002431					
ME_UID_69	Copinsay	Scotland	http://jncc.defra.gov.uk/page-1905-theme=default	http://eunis.eea.europa.eu/sites/UK9002151	Classified as SPA		Mar-94	<Null>	Protected bird species listed at: http://eunis.eea.europa.eu/sites/UK9002151					
ME_UID_70	East Caithness Cliffs	Scotland	http://jncc.defra.gov.uk/default.aspx?page=1858	http://eunis.eea.europa.eu/sites/UK9001182	Classified as SPA		Aug-96	<Null>	Protected bird species listed at: http://eunis.eea.europa.eu/sites/UK9001182					
ME_UID_71	Fair Isle	Scotland	http://jncc.defra.gov.uk/page-1899-theme=default	http://eunis.eea.europa.eu/sites/UK9002091	Classified as SPA		Dec-94	<Null>	Protected bird species listed at: http://eunis.eea.europa.eu/sites/UK9002091					
ME_UID_72	Fetlar	Scotland	http://jncc.defra.gov.uk/page-1896-theme=default	http://eunis.eea.europa.eu/sites/UK9002031	Classified as SPA		Mar-94	<Null>	Protected bird species listed at: http://eunis.eea.europa.eu/sites/UK9002031					
ME_UID_73	Forth Islands	Scotland	http://jncc.defra.gov.uk/default.aspx?page=1979	http://eunis.eea.europa.eu/sites/UK9004171	Classified as SPA		Apr-90	<Null>	Protected bird species listed at: http://eunis.eea.europa.eu/sites/UK9004171					
ME_UID_74	Foula	Scotland	http://jncc.defra.gov.uk/default.aspx?page=1897	http://eunis.eea.europa.eu/sites/UK9002061	Classified as SPA		Nov-95	<Null>	Protected bird species listed at: http://eunis.eea.europa.eu/sites/UK9002061					
ME_UID_75	Fowlsheugh	Scotland	http://jncc.defra.gov.uk/page-1916	http://eunis.eea.europa.eu/sites/UK9002271	Classified as SPA		Aug-92	<Null>	Protected bird species listed at: http://eunis.eea.europa.eu/sites/UK9002271					
ME_UID_76	Hermaness, Saxa Vord and Valla Field	Scotland'	http://jncc.defra.gov.uk/page-1893-theme=default	http://eunis.eea.europa.eu/sites/UK9002011	Classified as SPA		Mar-94	<Null>	Protected bird species listed at: http://eunis.eea.europa.eu/sites/UK9002011					
ME_UID_77	Hoy	Scotland	http://jncc.defra.gov.uk/page-1903-theme=default	http://eunis.eea.europa.eu/sites/UK9002141	Classified as SPA		Dec-00	<Null>	Protected bird species listed at: http://eunis.eea.europa.eu/sites/UK9002141					
ME_UID_78	Marwick Head	Scotland	http://jncc.defra.gov.uk/page-1902-theme=default	http://eunis.eea.europa.eu/sites/UK9002121	Classified as SPA		Dec-94	<Null>	Protected bird species listed at: http://eunis.eea.europa.eu/sites/UK9002121					
ME_UID_79	North Caithness Cliffs	Scotland	http://jncc.defra.gov.uk/page-1857-theme=default	http://eunis.eea.europa.eu/sites/UK9001181	Classified as SPA		Aug-96	<Null>	Protected bird species listed at: http://eunis.eea.europa.eu/sites/UK9001181					
ME_UID_80	Noss	Scotland	http://jncc.defra.gov.uk/page-1898-theme=default	http://eunis.eea.europa.eu/sites/UK9002081	Classified as SPA		Aug-96	<Null>	Protected bird species listed at: http://eunis.eea.europa.eu/sites/UK9002081					
ME_UID_81	Rousay	Scotland	http://jncc.defra.gov.uk/page-1920-theme=default	http://eunis.eea.europa.eu/sites/UK9002371	Classified as SPA		Feb-00	<Null>	Protected bird species listed at: http://eunis.eea.europa.eu/sites/UK9002371					
ME_UID_82	St Abb's Head to Fast Castle	Defra	http://jncc.defra.gov.uk/default.aspx?page=1980	http://eunis.eea.europa.eu/sites/UK9004271	Classified as SPA		Aug-97	<Null>	Protected bird species listed at: http://eunis.eea.europa.eu/sites/UK9004271					

ME_UID_83	Sule Skerry and Sule Stack	Scotland	http://jncc.defra.gov.uk/default.aspx?page=1912	http://eunis.eea.europa.eu/sites/UK9002181	Classified as SPA	Mar-94	<Null>	Protected bird species listed at: http://eunis.eea.europa.eu/sites/UK9002181						
ME_UID_84	Troup, Pennan and Lion's Heads	Scotland	http://jncc.defra.gov.uk/default.aspx?page=1922	http://eunis.eea.europa.eu/sites/UK9002471	Classified as SPA	Mar-97	<Null>	Protected bird species listed at: http://eunis.eea.europa.eu/sites/UK9002471						
ME_UID_85	West Westray	Scotland	http://jncc.defra.gov.uk/page-1901-theme=default	http://eunis.eea.europa.eu/sites/UK9002101	Classified as SPA	Aug-96	<Null>	Protected bird species listed at: http://eunis.eea.europa.eu/sites/UK9002101						
ME_UID_86	Farvandet nord for Anholt	Danish Forest and Nature Agency	http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/	http://eunis.eea.europa.eu/sites/DK00DX032	Designated as SPA	May-83	<Null>	Protected bird species listed at: http://eunis.eea.europa.eu/sites/DK00DX032						
ME_UID_87	Læsø, sydlige del	Danish Forest and Nature Agency	http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/	http://eunis.eea.europa.eu/sites/DK00FX345	Designated as SPA	May-83	<Null>	Protected bird species listed at: http://eunis.eea.europa.eu/sites/DK00FX345						
ME_UID_88	Sydlig Nordsø	Danish Forest and Nature Agency	http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/	http://eunis.eea.europa.eu/sites/DK00VA347	Designated as SAC	Dec-11	<Null>	See: http://eunis.eea.europa.eu/sites/DK00VA347	See: http://eunis.eea.europa.eu/sites/DK00VA347					
ME_UID_89	Hesselø med omliggende stenrev	Danish Forest and Nature Agency	http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/	http://eunis.eea.europa.eu/sites/DK003X202	Designated as SPA	May-83	<Null>	See: http://eunis.eea.europa.eu/sites/DK003X202	See: http://eunis.eea.europa.eu/sites/DK003X202					
ME_UID_90	Anholt og havet nord for	Danish Forest and Nature Agency	http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/	http://eunis.eea.europa.eu/sites/DK00DX146	Designated as SAC	Dec-11	<Null>	See: http://eunis.eea.europa.eu/sites/DK00DX146	See: http://eunis.eea.europa.eu/sites/DK00DX146					
ME_UID_91	Strandenge på Læsø og havet syd herfor	Danish Forest and Nature Agency	http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/	http://eunis.eea.europa.eu/sites/DK00FX010	Designated as SAC	Dec-11	<Null>	See: http://eunis.eea.europa.eu/sites/DK00FX010	See: http://eunis.eea.europa.eu/sites/DK00FX010					
ME_UID_92	Havet omkring Nordre Rønner	Danish Forest and Nature Agency	http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/	http://eunis.eea.europa.eu/sites/DK00FX257	Designated as SAC	Dec-11	<Null>	See: http://eunis.eea.europa.eu/sites/DK00FX257	See: http://eunis.eea.europa.eu/sites/DK00FX257					
ME_UID_93	Herthas Flak	Danish Forest and Nature Agency	http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/	http://eunis.eea.europa.eu/sites/DK00VA248	Designated as SAC	Dec-11	<Null>	See: http://eunis.eea.europa.eu/sites/DK00VA248	See: http://eunis.eea.europa.eu/sites/DK00VA248					
ME_UID_94	Læsø Trindel og Tønneberg Banke	Danish Forest and Nature Agency	http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/	http://eunis.eea.europa.eu/sites/DK00VA249	Designated as SAC	Dec-11	<Null>	See: http://eunis.eea.europa.eu/sites/DK00VA249	See: http://eunis.eea.europa.eu/sites/DK00VA249					
ME_UID_95	Kims Top og den Kinesiske Mur	Danish Forest and Nature Agency	http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/	http://eunis.eea.europa.eu/sites/DK00VA247	Designated as SAC	Dec-11	<Null>	See: http://eunis.eea.europa.eu/sites/DK00VA247	See: http://eunis.eea.europa.eu/sites/DK00VA247					
ME_UID_96	Knudegrund	Danish Forest and Nature Agency	http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/	http://eunis.eea.europa.eu/sites/DK00VA302	Designated as SAC	Dec-11	<Null>	See: http://eunis.eea.europa.eu/sites/DK00VA302	See: http://eunis.eea.europa.eu/sites/DK00VA302					
ME_UID_97	Schultz og Hastens Grund samt Briseis Flak	Danish Forest and Nature Agency	http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/	http://eunis.eea.europa.eu/sites/DK00VA303	Designated as SAC	Dec-11	<Null>	See: http://eunis.eea.europa.eu/sites/DK00VA303	See: http://eunis.eea.europa.eu/sites/DK00VA303					
ME_UID_98	Lønstrup Rødgrund	Danish Forest and Nature Agency	http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/	http://eunis.eea.europa.eu/sites/DK00VA301	Designated as SAC	Dec-11	<Null>	See: http://eunis.eea.europa.eu/sites/DK00VA301	See: http://eunis.eea.europa.eu/sites/DK00VA301					
ME_UID_99	Sandbanker ud for Thorsminde	Danish Forest and Nature Agency	http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/	http://eunis.eea.europa.eu/sites/DK00VA341	Designated as SAC	Dec-11	<Null>	See: http://eunis.eea.europa.eu/sites/DK00VA341	See: http://eunis.eea.europa.eu/sites/DK00VA341					
ME_UID_100	Lysegrund	Danish Forest and Nature Agency	http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/	http://eunis.eea.europa.eu/sites/DK00VA299	Designated as SAC	Dec-11	<Null>	See: http://eunis.eea.europa.eu/sites/DK00VA299	See: http://eunis.eea.europa.eu/sites/DK00VA299					
ME_UID_101	Sandbanker ud for Thyborøn	Danish Forest and Nature Agency	http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/	http://eunis.eea.europa.eu/sites/DK00VA340	Designated as SAC	Dec-11	<Null>	See: http://eunis.eea.europa.eu/sites/DK00VA340	See: http://eunis.eea.europa.eu/sites/DK00VA340					

ME_UID_102	Tregor Goëlo	Paimpol Cuadrilla de Goelo	http://www.cc-paimpol-goelo.com/	<Null>	Designated as SPA	2008	Management plan is implemented. See: http://mpa.ospar.org/home_ospar/mpa_datasheets/an_mpa_datasheet_en?wdpaid=555539374&gid=286	See: http://mpa.ospar.org/home_ospar/mpa_datasheets/an_mpa_datasheet_en?wdpaid=55539374&gid=286					
ME_UID_103	Studland to Portland SAC	JNCC	http://jncc.defra.gov.uk/page-1445	<Null>	Designated as SAC	2012	<Null>		Annex I habitats: Reefs. Listed here: http://jncc.defra.gov.uk/protectedsites/sacselection/sac.asp?EUCode=UK0030382				
ME_UID_104	Lands End and Cape Bank SAC	JNCC	http://jncc.defra.gov.uk/page-1445	<Null>	Designated as SAC	2010	<Null>		Annex I habitats: Reefs. Listed here: http://jncc.defra.gov.uk/protectedsites/sacselection/sac.asp?EUCode=UK0030376				
ME_UID_105	Lyme Bay and Torbay SAC	JNCC	http://jncc.defra.gov.uk/page-1445	<Null>	Designated as SAC	2010	<Null>		Annex I habitats: Reefs and seacaves. See: http://jncc.defra.gov.uk/protectedsites/sacselection/sac.asp?EUCode=UK0030372				
ME_UID_106	Margate and Long Sands SAC	JNCC	http://jncc.defra.gov.uk/page-1445	<Null>	Designated as SAC	2010	<Null>		Sandbanks. See: http://jncc.defra.gov.uk/protectedsites/sacselection/sac.asp?EUCode=UK0030371				
ME_UID_107	Lizard Point SAC	JNCC	http://jncc.defra.gov.uk/page-1445	<Null>	Designated as SAC	2010	<Null>		Annex I habitats: Reefs. See: http://jncc.defra.gov.uk/protectedsites/sacselection/sac.asp?EUCode=UK0030374				
ME_UID_108	Berwickshire and North Northumberland Coast SAC	JNCC	http://jncc.defra.gov.uk/page-1445	<Null>	Designated as SAC	1996	<Null>	Annex II species: grey seal. See: http://jncc.defra.gov.uk/protectedsites/sacselection/sac.asp?EUCode=UK0017072	Annex I habitats: Mudflats, sandflats, inlets and bays, reefs, seacaves. See: http://jncc.defra.gov.uk/protectedsites/sacselection/sac.asp?EUCode=UK0017072				
ME_UID_109	Dornoch Firth and Morrich More SAC	JNCC	http://jncc.defra.gov.uk/page-1445	<Null>	Designated as SAC	1996	<Null>	Annex II species: otter and harbour seal. See: http://jncc.defra.gov.uk/protectedsites/sacselection/sac.asp?EUcode=UK0019806	Annex I habitats: estuaries, mudflats, sandflats, salicornia, atlantic salt meadows, multiple dune types with specific features, sandbanks, reefs. See: http://jncc.defra.gov.uk/protectedsites/sacselection/sac.asp?EUcode=UK0019806				
ME_UID_110	Faray and Holm of Faray SAC	JNCC	http://jncc.defra.gov.uk/page-1445	<Null>	Designated as SAC	1997	<Null>	Annex II species: grey seal. See: http://jncc.defra.gov.uk/protectedsites/sacselection/sac.asp?EUcode=UK0017096					
ME_UID_111	Firth of Tay and Eden Estuary SAC	JNCC	http://jncc.defra.gov.uk/page-1445	<Null>	Designated as SAC	2000	<Null>	Annex II species: harbour seal. See: http://jncc.defra.gov.uk/protectedsites/sacselection/sac.asp?EUcode=UK0030311	Annex I habitats: estuaries, sandbanks, sandflats, mudflats. See: http://jncc.defra.gov.uk/protectedsites/sacselection/sac.asp?EUcode=UK0030311				
ME_UID_112	Isle of May SAC	JNCC	http://jncc.defra.gov.uk/page-1445	<Null>	Designated as SAC	2001	<Null>	Annex II species: grey seal. See: http://jncc.defra.gov.uk/protectedsites/sacselection/sac.asp?EUcode=UK0030172					
ME_UID_113	Loch Laxford SAC	JNCC	http://jncc.defra.gov.uk/page-1445	<Null>	Designated as SAC	2001	<Null>		Annex I habitats: shallow inlets and bays, reefs. See: http://jncc.defra.gov.uk/protectedsites/sacselection/sac.asp?EUCode=UK0030192				
ME_UID_114	Mousa SAC	JNCC	http://jncc.defra.gov.uk/page-1445	<Null>	Designated as SAC	1998	<Null>	Annex II species: harbour seal. See: http://jncc.defra.gov.uk/protectedsites/sacselection/sac.asp?EUcode=UK0012711	Annex I habitats: reefs, seacaves. See: http://jncc.defra.gov.uk/protectedsites/sacselection/sac.asp?EUcode=UK0012711				
ME_UID_115	Papa Stour SAC	JNCC	http://jncc.defra.gov.uk/page-1445	<Null>	Designated as SAC	1996	<Null>		Annex I habitats: reefs and seacaves. See: http://jncc.defra.gov.uk/protectedsites/sacselection/sac.asp?EUCode=UK0017069				
ME_UID_116	Sanday SAC	JNCC	http://jncc.defra.gov.uk/page-1445	<Null>	Designated as SAC	1999	<Null>	Annex II species: harbour seal. See: http://jncc.defra.gov.uk/protectedsites/sacselection/sac.asp?EUcode=UK0030069	Annex I habitats: reefs, mudflats, sandbanks, sandflats. See: http://jncc.defra.gov.uk/protectedsites/sacselection/sac.asp?EUcode=UK0030069				
ME_UID_117	Sullom Voe SAC	JNCC	http://jncc.defra.gov.uk/page-1445	<Null>	Designated as SAC	2001	<Null>		Annex I habitats: inlets and bays, lagoons, reefs. See: http://jncc.defra.gov.uk/protectedsites/sacselection/sac.asp?EUCode=UK0030273				
ME_UID_118	Moray Firth SAC	JNCC	http://jncc.defra.gov.uk/page-1445	<Null>	Designated as SAC	1996	<Null>	Annex II species: bottlenose dolphin. See: http://jncc.defra.gov.uk/protectedsites/sacselection/sac.asp?EUCode=UK0019808	Annex I species: sandbanks. See: http://jncc.defra.gov.uk/protectedsites/sacselection/sac.asp?EUCode=UK0019808				

ME_UID_119	Yell Sound Coast SAC	JNCC	http://jncc.defra.gov.uk/page-1445	<Null>	Designated as SAC	1998	<Null>	Annex II species: otter and harbour seal. See: http://jncc.defra.gov.uk/protectedsites/sacsselection/sac.asp?EUcode=UK0012687					
ME_UID_120	Plymouth Sound & Estuaries SAC	JNCC	http://jncc.defra.gov.uk/page-1445	<Null>	Designated as SAC	1996	<Null>	Annex II species: shoredock and allis shad. See: http://jncc.defra.gov.uk/protectedsites/sacsselection/sac.asp?EUcode=UK0013111	Annex I habitats: sandbanks, estuaries, inlets and bays, reefs, salt meadows, mudflats and sandflats. See: http://jncc.defra.gov.uk/protectedsites/sacsselection/sac.asp?EUcode=UK0013111				
ME_UID_121	Fal & Helford SAC	JNCC	http://jncc.defra.gov.uk/page-1445	<Null>	Designated as SAC	1996	<Null>	Annex II species: shoredock. See: http://jncc.defra.gov.uk/protectedsites/sacsselection/sac.asp?EUcode=UK0013112	Annex I habitats: estuaries, reefs, inlets and bays, salt meadows, mudflats, sandflats and sandbanks. See: http://jncc.defra.gov.uk/protectedsites/sacsselection/sac.asp?EUcode=UK0013112				
ME_UID_122	Chesil & The Fleet SAC	JNCC	http://jncc.defra.gov.uk/page-1445	<Null>	Designated as SAC	1986	<Null>		Annex I habitats: lagoons, drift line vegetation, stony bank vegetation, scrubs and slat meadows. See: http://jncc.defra.gov.uk/protectedsites/sacsselection/sac.asp?EUcode=UK0017076				
ME_UID_123	Solent Maritime SAC	JNCC	http://jncc.defra.gov.uk/page-1445	<Null>	Designated as SAC	1998	<Null>	Annex II species: Desmoulin's haul snail. See: http://jncc.defra.gov.uk/protectedsites/sacsselection/sac.asp?EUcode=UK0030059	Annex I habitats: estuaries, spartina swards, salt meadows, sandbanks, sandflats, mudflats, lagoons, drift line vegetation, stony bank vegetations, salicornia and dunes. See: http://jncc.defra.gov.uk/protectedsites/sacsselection/sac.asp?EUcode=UK0030059				
ME_UID_124	South Wight Maritime SAC	JNCC	http://jncc.defra.gov.uk/page-1445	<Null>	Designated as SAC	1996	<Null>		Annex I habitats: reefs, vegetated seacliffs, seacaves. See: http://jncc.defra.gov.uk/protectedsites/sacsselection/sac.asp?EUcode=UK0030061				
ME_UID_125	Flamborough Head SAC	JNCC	http://jncc.defra.gov.uk/page-1445	<Null>	Designated as SAC	1996	<Null>		Annex I habitats: reefs, vegetated seacliffs, seacaves. See: http://jncc.defra.gov.uk/protectedsites/sacsselection/sac.asp?EUcode=UK0013036				
ME_UID_126	Tweed Estuary SAC	JNCC	http://jncc.defra.gov.uk/page-1445	<Null>	Designated as SAC	2001	<Null>	Annex II species: sea lamprey and river lamprey. See: http://jncc.defra.gov.uk/protectedsites/sacsselection/sac.asp?EUcode=UK0030292	Annex I habitats: estuaries, mudflats, sandflats. See: http://jncc.defra.gov.uk/protectedsites/sacsselection/sac.asp?EUcode=UK0030292				
ME_UID_127	Thanet Coast SAC	JNCC	http://jncc.defra.gov.uk/page-1445	<Null>	Designated as SAC	1996	<Null>		Annex I habitats: reefs and seacaves. See: http://jncc.defra.gov.uk/protectedsites/sacsselection/sac.asp?EUcode=UK0013107				
ME_UID_128	Essex Estuaries SAC	JNCC	http://jncc.defra.gov.uk/page-1445	<Null>	Designated as SAC	1996	<Null>		Annex I habitats: estuaries, mudflats, sandflats, salicornia, spartina swards, salt meadows, scrubs and sandbanks. See: http://jncc.defra.gov.uk/protectedsites/sacsselection/sac.asp?EUcode=UK0013690				
ME_UID_129	The Wash & North Norfolk Coast SAC	JNCC	http://jncc.defra.gov.uk/page-1445	<Null>	Designated as SAC	1996	<Null>	Annex II species: harbour seal and otter. See: http://jncc.defra.gov.uk/protectedsites/sacsselection/sac.asp?EUcode=UK0017075	Annex I habitats: sandbanks, mudflats, sandflats, inlets and bays, reefs, salicornia, salt meadows, scrubs and lagoons. See: http://jncc.defra.gov.uk/protectedsites/sacsselection/sac.asp?EUcode=UK0017075				
ME_UID_130	Alde-Ore & Butley Estuaries SAC	JNCC	http://jncc.defra.gov.uk/page-1445	<Null>	Designated as SAC	2001	<Null>		Annex I habitats: estuaries, mudflats, sandflats, sandbanks, salt meadows. See: http://jncc.defra.gov.uk/protectedsites/sacsselection/sac.asp?EUcode=UK0030076				

ME_UID_131	Humber Estuary SAC	JNCC	http://jncc.defra.gov.uk/page-1445	<Null>	Designated as SAC	2004	<Null>	Annex II species: sea lamprey and river lamprey and grey seal. See: http://jncc.defra.gov.uk/protectedsites/sacsselection/sac.asp?EUCode=UK0030170	Annex I habitats: estuaries, mudflats, sandflats, sandbanks, lagoons, salicornia, salt meadows, dunes with specific features. See: http://jncc.defra.gov.uk/protectedsites/sacselection/sac.asp?EUCode=UK0030170				
ME_UID_132	Start Point to Plymouth Sound and Eddystone SAC	JNCC	http://jncc.defra.gov.uk/page-1445	<Null>	Designated as SAC	2010	<Null>		Annex I habitats: reefs. See: http://jncc.defra.gov.uk/protectedsites/sacselection/sac.asp?EUCode=UK0030373				
ME_UID_133	Wight-Barfleur Reef SAC	JNCC	http://jncc.defra.gov.uk/page-1445	<Null>	Designated as SAC	2012	<Null>		Annex I habitats: reefs. See: http://jncc.defra.gov.uk/protectedsites/sacselection/sac.asp?EUCode=UK0030380				
ME_UID_134	Solan Bank Reef SAC	JNCC	http://jncc.defra.gov.uk/page-1445	<Null>	Designated as SAC	2012	<Null>		Annex I habitats: reefs. See: http://jncc.defra.gov.uk/protectedsites/sacselection/sac.asp?EUCode=UK0030386				
ME_UID_135	Pobie Bank Reef SAC	JNCC	http://jncc.defra.gov.uk/page-1445	<Null>	Designated as SAC	2012	<Null>		Annex I habitats: reefs. See: http://jncc.defra.gov.uk/protectedsites/sacselection/sac.asp?EUCode=UK0030385				
ME_UID_136	Braemar Pockmarks SAC	JNCC	http://jncc.defra.gov.uk/page-1445	<Null>	Designated as SAC	2008	<Null>		Annex I habitats: submarine structures made by leaking gases. See: http://jncc.defra.gov.uk/protectedsites/sacselection/sac.asp?EUCode=UK0030357				
ME_UID_137	Scanner Pockmark SAC	JNCC	http://jncc.defra.gov.uk/page-1445	<Null>	Designated as SAC	2008	<Null>		Annex I habitats: submarine structures made by leaking gases. See: http://jncc.defra.gov.uk/protectedsites/sacselection/sac.asp?EUCode=UK0030354				
ME_UID_138	North Norfolk Sandbanks and Saturn Reef SAC	JNCC	http://jncc.defra.gov.uk/page-1445	<Null>	Designated as SAC	2010	<Null>		Annex I habitats: sandbanks and reefs. See: http://jncc.defra.gov.uk/protectedsites/sacselection/sac.asp?EUCode=UK0030358				
ME_UID_139	Inner Dowsing, Race Bank and North Ridge SAC	JNCC	http://jncc.defra.gov.uk/page-1445	<Null>	Designated as SAC	2010	<Null>		Annex I habitats: sandbanks and reefs. See: http://jncc.defra.gov.uk/protectedsites/sacselection/sac.asp?EUCode=UK0030370				
ME_UID_140	Haisborough, Hammond and Winterton SAC	JNCC	http://jncc.defra.gov.uk/page-1445	<Null>	Designated as SAC	2010	<Null>		Annex I habitats: sandbanks and reefs. See: http://jncc.defra.gov.uk/protectedsites/sacselection/sac.asp?EUCode=UK0030369				
ME_UID_141	Bassurelle Sandbank SAC	JNCC	http://jncc.defra.gov.uk/page-1445	<Null>	Designated as SAC	2010	<Null>		Annex I habitats: sandbanks. See: http://jncc.defra.gov.uk/protectedsites/sacselection/sac.asp?EUCode=UK0030368				
ME_UID_142	Dogger Bank SAC	JNCC	http://jncc.defra.gov.uk/page-1445	<Null>	Designated as SAC	2011	<Null>		Annex I habitats: sandbanks. See: http://jncc.defra.gov.uk/protectedsites/sacselection/sac.asp?EUCode=UK0030352				
ME_UID_143	Pagham Harbour	JNCC	http://jncc.defra.gov.uk/page-4525	<Null>	Designated	2013	<Null>		Annex I habitats: Seagrass beds. See: http://www.legislation.gov.uk/ukmo/2013/17/pdfs/ukmo_20130017_en.pdf				
ME_UID_144	Chesil Beach and Stennis Ledges	JNCC	http://jncc.defra.gov.uk/page-4525	<Null>	Designated	2013	<Null>					Defolin's lagoon snail and Lagoon sand shrimp. See: http://www.legislation.gov.uk/ukmo/2013/17/pdfs/ukmo_20130017_en.pdf	High energy intertidal rock, Intertidal coarse sediment. See: http://www.legislation.gov.uk/ukmo/2013/17/pdfs/ukmo_20130005_en.pdf
ME_UID_145	Folkestone Pomerania	JNCC	http://jncc.defra.gov.uk/page-4525	<Null>	Designated	2013	<Null>					Honeycomb worm (Sabellaria alveolata) reefs, Ross worm (Sabellaria spinulosa) reefs. See: http://www.legislation.gov.uk/ukmo/2013/8/pdfs/ukmo_20130008_en.pdf	High energy circalittoral rock, Subtidal coarse sediment, Subtidal sand, Fragile sponge and anthozoan communities on subtidal rocky habitats. See: http://www.legislation.gov.uk/ukmo/2013/8/pdfs/ukmo_20130008_en.pdf
ME_UID_146	Kingmere	JNCC	http://jncc.defra.gov.uk/page-4525	<Null>	Designated	2013	<Null>					Black seabream. See: http://www.legislation.gov.uk/ukmo/2013/11/pdfs/ukmo_20130011_en.pdf	Moderate energy infralittoral rock and thin mixed sediments, Subtidal chalk. See: http://www.legislation.gov.uk/ukmo/2013/11/pdfs/ukmo_20130011_en.pdf

ME_UID_147	Poole Rocks	JNCC	http://jncc.defra.gov.uk/page-4525	<Null>	Designated	2013	<Null>						Couch's goby (<i>Gobius couchi</i>) and Native oyster (<i>Ostrea edulis</i>) . See: http://www.legislation.gov.uk/ukmo/2013/18/pdfs/ukmo_20130018_en.pdf	Moderate energy circalittoral rock, Subtidal mixed sediments. See: http://www.legislation.gov.uk/ukmo/2013/18/pdfs/ukmo_20130018_en.pdf
ME_UID_148	North East of Farnes Deep	JNCC	http://jncc.defra.gov.uk/page-6557	<Null>	Designated	2013	<Null>							Subtidal coarse sediment, subtidal sand. See: http://jncc.defra.gov.uk/page-6557
ME_UID_149	Skerries Bank and Surrounds	JNCC	http://jncc.defra.gov.uk/page-4525	<Null>	Designated	2013	<Null>						See: http://www.legislation.gov.uk/ukmo/2013/19/pdfs/ukmo_20130019_en.pdf	See: http://www.legislation.gov.uk/ukmo/2013/19/pdfs/ukmo_20130019_en.pdf
ME_UID_150	South Dorset	JNCC	http://jncc.defra.gov.uk/page-4525	<Null>	Designated	2013	<Null>							Subtidal coarse sediment and Subtidal chalk. See: http://www.legislation.gov.uk/ukmo/2013/20/pdfs/ukmo_20130020_en.pdf
ME_UID_151	Swallow Sand	JNCC	http://jncc.defra.gov.uk/page-4525	<Null>	Designated	2013	<Null>							Subtidal coarse sediment and Subtidal chalk. See: http://jncc.defra.gov.uk/page-6558
ME_UID_152	Tamar Estuary Sites	JNCC	http://jncc.defra.gov.uk/page-4525	<Null>	Designated	2013	<Null>						Native oyster (<i>Ostrea edulis</i>) and Smelt (<i>Osmerus eperlanus</i>). See: http://www.legislation.gov.uk/ukmo/2013/23/pdfs/ukmo_20130023_en.pdf	Intertidal biogenic reefs, Intertidal coarse sediment, Blue mussel (<i>Mytilus edulis</i>) beds. See: http://www.legislation.gov.uk/ukmo/2013/23/pdfs/ukmo_20130023_en.pdf
ME_UID_153	Thanet Coast	JNCC	http://jncc.defra.gov.uk/page-4525	<Null>	Designated	2013	<Null>						See: http://www.legislation.gov.uk/ukmo/2013/24/pdfs/ukmo_20130024_en.pdf	See: http://www.legislation.gov.uk/ukmo/2013/24/pdfs/ukmo_20130024_en.pdf
ME_UID_154	The Manacles	JNCC	http://jncc.defra.gov.uk/page-4525	<Null>	Designated	2013	<Null>						See: http://www.legislation.gov.uk/ukmo/2013/13/pdfs/ukmo_20130013_en.pdf	See: http://www.legislation.gov.uk/ukmo/2013/13/pdfs/ukmo_20130013_en.pdf
ME_UID_155	Torbay	JNCC	http://jncc.defra.gov.uk/page-4525	<Null>	Designated	2013	<Null>						See: http://www.legislation.gov.uk/ukmo/2013/25/pdfs/ukmo_20130025_en.pdf	See: http://www.legislation.gov.uk/ukmo/2013/25/pdfs/ukmo_20130025_en.pdf
ME_UID_156	Upper Fowey and Pont Pill	JNCC	http://jncc.defra.gov.uk/page-4525	<Null>	Designated	2013	<Null>						See: http://www.legislation.gov.uk/ukmo/2013/26/pdfs/ukmo_20130026_en.pdf	See: http://www.legislation.gov.uk/ukmo/2013/26/pdfs/ukmo_20130026_en.pdf
ME_UID_157	Whitsand and Looe Bay	JNCC	http://jncc.defra.gov.uk/page-4525	<Null>	Designated	2013	<Null>						See: http://www.legislation.gov.uk/ukmo/2013/27/pdfs/ukmo_20130027_en.pdf	See: http://www.legislation.gov.uk/ukmo/2013/27/pdfs/ukmo_20130027_en.pdf
ME_UID_158	Blackwater, Crouch, Roach and Colne Estuaries	JNCC	http://jncc.defra.gov.uk/page-4525	<Null>	Designated	2013	<Null>						Native oyster (<i>Ostrea edulis</i>). See: http://www.legislation.gov.uk/ukmo/2013/3/pdfs/ukmo_20130003_en.pdf	Intertidal mixed sediments and Native oyster (<i>Ostrea edulis</i>) beds. See: http://www.legislation.gov.uk/ukmo/2013/3/pdfs/ukmo_20130003_en.pdf
ME_UID_159	Beachy Head West	JNCC	http://jncc.defra.gov.uk/page-4525	<Null>	Designated	2013	<Null>						See: http://www.legislation.gov.uk/ukmo/2013/2/pdfs/ukmo_20130002_en.pdf	See: http://www.legislation.gov.uk/ukmo/2013/2/pdfs/ukmo_20130002_en.pdf
ME_UID_160	Aln Estuary	JNCC	http://jncc.defra.gov.uk/page-4525	<Null>	Designated	2013	<Null>							Coastal saltmarshes and saline reedbeds, Intertidal mud, Estuarine rocky habitats and Sheltered muddy gravels. See: http://www.legislation.gov.uk/ukmo/2013/1/pdfs/ukmo_20130001_en.pdf
ME_UID_161	Medway Estuary	JNCC	http://jncc.defra.gov.uk/page-4525	<Null>	Designated	2013	<Null>						See: http://www.legislation.gov.uk/ukmo/2013/14/pdfs/ukmo_20130014_en.pdf	See: http://www.legislation.gov.uk/ukmo/2013/14/pdfs/ukmo_20130014_en.pdf
ME_UID_162	Ythan Estuary, Sands of Forvie and Meikle Loch	JNCC	http://jncc.defra.gov.uk/default.aspx?page=1908	<Null>	Classified as SPA	1998	<Null>	Protected bird species listed at: http://jncc.defra.gov.uk/default.aspx?page=1908						
ME_UID_163	Coquet Island	JNCC	http://jncc.defra.gov.uk/page-1991	<Null>	Classified as SPA	1985	<Null>	Protected bird species listed at: http://jncc.defra.gov.uk/page-1991						
ME_UID_164	North Norfolk Coast	JNCC	http://jncc.defra.gov.uk/default.aspx?page=2008	<Null>	Classified as SPA	1989	<Null>	Protected bird species listed at: http://jncc.defra.gov.uk/default.aspx?page=2008						
ME_UID_165	Minsmere - Walberswick	JNCC	http://jncc.defra.gov.uk/default.aspx?page=2009	<Null>	Classified as SPA	1992	See Natural England site improvement plan: http://publications.naturalengland.org.uk/publication/5674608288071680	Protected bird species listed at: http://jncc.defra.gov.uk/default.aspx?page=2009						
ME_UID_166	Foulness (Mid-Essex Coast Phase 5)	JNCC	http://jncc.defra.gov.uk/default.aspx?page=2021	<Null>	Classified as SPA	1996	<Null>	Protected bird species listed at: http://jncc.defra.gov.uk/default.aspx?page=2021						

ME_UID_167	Deben Estuary	JNCC	http://jncc.defra.gov.uk/default.aspx?page=2023	<Null>	Classified as SPA	1996	<Null>	Protected bird species listed at: http://jncc.defra.gov.uk/default.aspx?page=2023					
ME_UID_168	Benacre to Easton Bavents	JNCC	http://jncc.defra.gov.uk/page-2025-theme=default	<Null>	Classified as SPA	1996	<Null>	Protected bird species listed at: http://jncc.defra.gov.uk/page-2025-theme=default					
ME_UID_169	Chesil Beach and The Fleet	JNCC	http://jncc.defra.gov.uk/default.aspx?page=2029	<Null>	Classified as SPA	1985	<Null>	Protected bird species listed at: http://jncc.defra.gov.uk/default.aspx?page=2029					
ME_UID_170	Poole Harbour	JNCC	http://jncc.defra.gov.uk/default.aspx?page=2031	<Null>	Classified as SPA	1999	See conservation advice package: http://publications.naturalengland.org.uk/publication/3152751?category=3229185	Protected bird species listed at: http://jncc.defra.gov.uk/default.aspx?page=2031					
ME_UID_171	Chichester and Langstone Harbours	JNCC	http://jncc.defra.gov.uk/default.aspx?page=2034	<Null>	Classified as SPA	1987	<Null>	Protected bird species listed at: http://jncc.defra.gov.uk/default.aspx?page=2034					
ME_UID_172	Portsmouth Harbour	JNCC	http://jncc.defra.gov.uk/default.aspx?page=2036	<Null>	Classified as SPA	1995	<Null>	Protected bird species listed at: http://jncc.defra.gov.uk/default.aspx?page=2036					
ME_UID_173	Solent and Southampton Water	JNCC	http://jncc.defra.gov.uk/default.aspx?page=2037	<Null>	Classified as SPA	1998	<Null>	Protected bird species listed at: http://jncc.defra.gov.uk/default.aspx?page=2037					
ME_UID_174	Pagham Harbour	JNCC	http://jncc.defra.gov.uk/default.aspx?page=2044	<Null>	Classified as SPA	1988	<Null>	Protected bird species listed at: http://jncc.defra.gov.uk/default.aspx?page=2044					
ME_UID_175	Thanet Coast and Sandwich Bay	JNCC	http://jncc.defra.gov.uk/page-2045-theme=default	<Null>	Classified as SPA	1994	<Null>	Protected bird species listed at: http://jncc.defra.gov.uk/page-2045-theme=default					
ME_UID_176	Dungeness to Pett Level	JNCC	http://jncc.defra.gov.uk/default.aspx?page=2046	<Null>	Classified as SPA	1999	<Null>	Protected bird species listed at: http://jncc.defra.gov.uk/default.aspx?page=2046					
ME_UID_177	Cape Wrath	JNCC	http://jncc.defra.gov.uk/page-1860	<Null>	Classified as SPA	1996	<Null>	Protected bird species listed at: http://jncc.defra.gov.uk/page-1860					
ME_UID_178	Handa	JNCC	http://jncc.defra.gov.uk/page-1861-theme=default	<Null>	Classified as SPA	1990	<Null>	Protected bird species listed at: http://jncc.defra.gov.uk/page-1861-theme=default					
ME_UID_179	Sumburgh Head	JNCC	http://jncc.defra.gov.uk/page-1923-theme=default	<Null>	Classified as SPA	1996	<Null>	Protected bird species listed at: http://jncc.defra.gov.uk/page-1923-theme=default					
ME_UID_180	Outer Thames Estuary	JNCC	http://publications.naturalengland.org.uk/publication/3233957	<Null>	Classified as SPA		<Null>	Protected bird species listed at: http://publications.naturalengland.org.uk/publication/3233957					
ME_UID_181	Lista Wetlands System	RAMSAR	https://rsis.ramsar.org/ris/804	<Null>	Designated as Ramsar site	1996	<Null>	Protected wetland species: https://rsis.ramsar.org/ris/804					
ME_UID_182	Giske Wetlands System	RAMSAR	https://rsis.ramsar.org/ris/805	<Null>	Designated as Ramsar site	1996	<Null>	Protected wetland species: https://rsis.ramsar.org/ris/805					
ME_UID_183	Caithness & Sutherland Peatlands	RAMSAR	https://rsis.ramsar.org/ris/971	<Null>	Designated as Ramsar site	1999	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/971					
ME_UID_184	Pevensey Levels	RAMSAR	http://jncc.defra.gov.uk/pdf/RIS/UK11053.pdf	<Null>	Designated as Ramsar site	1999	<Null>	Protected wetland species at: http://jncc.defra.gov.uk/pdf/RIS/UK11053.pdf					
ME_UID_185	Cromarty Firth	RAMSAR	https://rsis.ramsar.org/ris/1001	<Null>	Designated as Ramsar site	1999	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/1001					
ME_UID_186	Inner Moray Firth	RAMSAR	https://rsis.ramsar.org/ris/1002	<Null>	Designated as Ramsar site	1999	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/1002					
ME_UID_187	Poole Harbour	RAMSAR	https://rsis.ramsar.org/ris/1005	<Null>	Designated as Ramsar site	1999	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/1005					
ME_UID_188	Northumbria Coast	RAMSAR	https://rsis.ramsar.org/ris/1019	<Null>	Designated as Ramsar site	2000	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/1019					
ME_UID_189	Thames Estuary and Marshes	RAMSAR	http://jncc.defra.gov.uk/page-2042	<Null>	Designated as Ramsar site	2000	<Null>	Protected wetland species at: http://jncc.defra.gov.uk/page-2042					
ME_UID_190	Firth of Tay and Eden Estuary	RAMSAR	http://jncc.defra.gov.uk/default.aspx?page=1968	<Null>	Designated as Ramsar site	2000	<Null>	Protected wetland species at: http://jncc.defra.gov.uk/default.aspx?page=1968					
ME_UID_191	The New Forest	RAMSAR	https://rsis.ramsar.org/ris/622	<Null>	Designated as Ramsar site	1993	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/622					
ME_UID_192	Medway Estuary & Marshes	RAMSAR	https://rsis.ramsar.org/ris/645?language=en	<Null>	Designated as Ramsar site	1993	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/645?language=en					
ME_UID_193	Stodmarsh	RAMSAR	https://rsis.ramsar.org/ris/646	<Null>	Designated as Ramsar site	1993	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/646					
ME_UID_194	Benfleet and Southend Marshes	RAMSAR	https://rsis.ramsar.org/ris/648	<Null>	Designated as Ramsar site	1994	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/648					
ME_UID_195	Abberton Reservoir	RAMSAR	https://rsis.ramsar.org/ris/220	<Null>	Designated as Ramsar site	1981	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/220					
ME_UID_196	The Swale	RAMSAR	https://www.gov.uk/government/publications/marine-conservation-advice-for-special-protection-area-the-swale-uk9012011/the-swale-spa-site-information#the-swale-spa-site-information	<Null>	Designated as Ramsar site	1985	<Null>	Protected wetland species at: https://www.gov.uk/government/publications/marine-conservation-advice-for-special-protection-area-the-swale-uk9012011/the-swale-spa-site-information#the-swale-spa-site-information					
ME_UID_197	Chesil Beach & The Fleet	RAMSAR	https://rsis.ramsar.org/ris/300	<Null>	Designated as Ramsar site	1985	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/300					
ME_UID_198	Loch Eye	RAMSAR	https://rsis.ramsar.org/ris/340	<Null>	Designated as Ramsar site	1986	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/340					
ME_UID_199	Chichester and Langstone Harbours	RAMSAR	https://rsis.ramsar.org/ris/378	<Null>	Designated as Ramsar site	1987	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/378					

ME_UID_200	The Wash	RAMSAR	https://rsis.ramsar.org/ris/395	<Null>	Designated as Ramsar site	1988	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/395						
ME_UID_201	Pagham Harbour	RAMSAR	rsis.ramsar.org	<Null>	Designated as Ramsar site		<Null>	Protected wetland species at: rsis.ramsar.org						
ME_UID_202	Oosterschelde	RAMSAR	https://rsis.ramsar.org/ris/354	<Null>	Designated as Ramsar site	1987	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/354						
ME_UID_203	Träslövsläge-Morups Tånge	RAMSAR	https://rsis.ramsar.org/ris/430	<Null>	Designated as Ramsar site	1989	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/430						
ME_UID_204	Stour & Orwell Estuaries	RAMSAR	https://rsis.ramsar.org/ris/662	<Null>	Designated as Ramsar site	1994	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/662						
ME_UID_205	Humber Estuary	RAMSAR	https://rsis.ramsar.org/ris/663	<Null>	Designated as Ramsar site	1994	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/663						
ME_UID_206	Thanet Coast & Sandwich Bay	RAMSAR	https://rsis.ramsar.org/ris/664	<Null>	Designated as Ramsar site	1994	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/664						
ME_UID_207	Colne Estuary	RAMSAR	https://rsis.ramsar.org/ris/665	<Null>	Designated as Ramsar site	1994	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/665						
ME_UID_208	Portsmouth Harbour	RAMSAR	https://rsis.ramsar.org/ris/720	<Null>	Designated as Ramsar site	1995	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/720						
ME_UID_209	Crouch & Roach Estuaries	RAMSAR	https://rsis.ramsar.org/ris/721	<Null>	Designated as Ramsar site	1995	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/721						
ME_UID_210	Teesmouth & Cleveland Coast	RAMSAR	https://rsis.ramsar.org/ris/741	<Null>	Designated as Ramsar site	1995	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/741						
ME_UID_211	Dersingham Bog	RAMSAR	https://rsis.ramsar.org/ris/751	<Null>	Designated as Ramsar site	1995	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/751						
ME_UID_212	Hirsholmene	RAMSAR	https://rsis.ramsar.org/ris/147	<Null>	Designated as Ramsar site	1977	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/147						
ME_UID_213	Ringkøbing Fjord	RAMSAR	https://rsis.ramsar.org/ris/141	<Null>	Designated as Ramsar site	1977	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/141						
ME_UID_214	Nordre Ronner	RAMSAR	https://rsis.ramsar.org/ris/148	<Null>	Designated as Ramsar site	1977	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/148						
ME_UID_215	Stadil and Veststadil Fjords	RAMSAR	https://rsis.ramsar.org/ris/142	<Null>	Designated as Ramsar site	1977	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/142						
ME_UID_216	Nissum Fjord	RAMSAR	https://rsis.ramsar.org/ris/143	<Null>	Designated as Ramsar site	1977	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/143						
ME_UID_217	Nissum Bredning with Harboore and Agger Tange	RAMSAR	https://rsis.ramsar.org/ris/144	<Null>	Designated as Ramsar site	1977	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/144						
ME_UID_218	Vejlerne and Logstor Bredning	RAMSAR	https://rsis.ramsar.org/ris/145	<Null>	Designated as Ramsar site	1977	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/145						
ME_UID_219	Ulvedybet and Nibe Bredning	RAMSAR	https://rsis.ramsar.org/ris/146	<Null>	Designated as Ramsar site	1977	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/146						
ME_UID_220	Læsø	RAMSAR	rsis.ramsar.org	<Null>	Designated as Ramsar site		<Null>	Protected wetland species at: rsis.ramsar.org						
ME_UID_221	Randers and Mariager Fjords and the adjacent sea	RAMSAR	https://rsis.ramsar.org/ris/150	<Null>	Designated as Ramsar site	1977	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/150						
ME_UID_222	Waters north of Anholt	RAMSAR	https://rsis.ramsar.org/ris/151	<Null>	Designated as Ramsar site	1977	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/151						
ME_UID_223	Getterön	RAMSAR	https://rsis.ramsar.org/ris/19	<Null>	Designated as Ramsar site	1974	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/19						
ME_UID_224	Deben Estuary	RAMSAR	https://rsis.ramsar.org/ris/794	<Null>	Designated as Ramsar site	1996	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/794						
ME_UID_225	Moray and Nairn Coast	RAMSAR	https://rsis.ramsar.org/ris/890	<Null>	Designated as Ramsar site	1997	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/890						
ME_UID_226	Dornoch Firth and Loch Fleet	RAMSAR	https://rsis.ramsar.org/ris/897	<Null>	Designated as Ramsar site	1997	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/897						
ME_UID_227	Ronas Hill - North Roe & Tingon	RAMSAR	https://rsis.ramsar.org/ris/916	<Null>	Designated as Ramsar site	1997	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/916						
ME_UID_228	East Sanday Coast	RAMSAR	https://rsis.ramsar.org/ris/917	<Null>	Designated as Ramsar site	1997	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/917						
ME_UID_229	Avon Valley	RAMSAR	https://rsis.ramsar.org/ris/926	<Null>	Designated as Ramsar site	1998	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/926						
ME_UID_230	Caithness Lochs	RAMSAR	https://rsis.ramsar.org/ris/928	<Null>	Designated as Ramsar site	1998	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/928						
ME_UID_231	Ythan Estuary & Meikle Loch	RAMSAR	https://rsis.ramsar.org/ris/939	<Null>	Designated as Ramsar site	1998	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/939						
ME_UID_232	Dorset Heathlands	RAMSAR	https://rsis.ramsar.org/ris/964	<Null>	Designated as Ramsar site	1998	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/964						
ME_UID_233	Solent and Southampton Water	RAMSAR	https://rsis.ramsar.org/ris/965	<Null>	Designated as Ramsar site	1998	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/965						
ME_UID_234	Stigfjorden	RAMSAR	https://rsis.ramsar.org/ris/431	<Null>	Designated as Ramsar site	1989	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/431						
ME_UID_235	Baie de Somme	RAMSAR	https://rsis.ramsar.org/ris/925	<Null>	Designated as Ramsar site	1998	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/925						
ME_UID_236	Fylleån	RAMSAR	https://rsis.ramsar.org/ris/1119	<Null>	Designated as Ramsar site	2001	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/1119						
ME_UID_237	Nordre älv estuary	RAMSAR	https://rsis.ramsar.org/ris/1125	<Null>	Designated as Ramsar site	2001	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/1125						
ME_UID_238	Skälderviken	RAMSAR	https://rsis.ramsar.org/ris/1127	<Null>	Designated as Ramsar site	2001	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/1127						
ME_UID_239	Lindisfarne	RAMSAR	https://rsis.ramsar.org/ris/70	<Null>	Designated as Ramsar site	1976	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/70						
ME_UID_240	Filso	RAMSAR	https://rsis.ramsar.org/ris/140	<Null>	Designated as Ramsar site	1977	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/140						
ME_UID_241	Sejro Bugt, Nekselø Bugt & Saltbæk Vig	RAMSAR	https://rsis.ramsar.org/ris/157	<Null>	Designated as Ramsar site	1977	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/157						
ME_UID_242	Vadehavet	RAMSAR	https://rsis.ramsar.org/ris/356	<Null>	Designated as Ramsar site	1987	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/356						

ME_UID_243	Cameron Reservoir	RAMSAR	https://rsis.ramsar.org/ris/650	<Null>	Designated as Ramsar site	1994	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/650					
ME_UID_244	Dengie	RAMSAR	https://rsis.ramsar.org/ris/651	<Null>	Designated as Ramsar site	1994	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/651					
ME_UID_245	Minsmere - Walberswick	RAMSAR	https://rsis.ramsar.org/ris/75	<Null>	Designated as Ramsar site	1976	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/75					
ME_UID_246	North Norfolk Coast	RAMSAR	//rsis.ramsar.org	<Null>	Designated as Ramsar site		<Null>	Protected wetland species at: //rsis.ramsar.org					
ME_UID_247	Voordelta	RAMSAR	https://rsis.ramsar.org/ris/1279	<Null>	Designated as Ramsar site	2000	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/1279					
ME_UID_248	Voornes Duin	RAMSAR	https://rsis.ramsar.org/ris/1280	<Null>	Designated as Ramsar site	2000	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/1280					
ME_UID_249	Ora	RAMSAR	https://rsis.ramsar.org/ris/305	<Null>	Designated as Ramsar site	1985	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/305					
ME_UID_250	Kurefjorden	RAMSAR	https://rsis.ramsar.org/ris/306	<Null>	Designated as Ramsar site	1985	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/306					
ME_UID_251	Ilene and Presterodkilen Wetland System	RAMSAR	https://rsis.ramsar.org/ris/308	<Null>	Designated as Ramsar site	1985	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/308					
ME_UID_252	Jaeren wetland system	RAMSAR	https://rsis.ramsar.org/fr/ris/309?language=fr	<Null>	Designated as Ramsar site	1985	<Null>	Protected wetland species at: https://rsis.ramsar.org/fr/ris/309?language=fr					
ME_UID_253	Boschplaat	RAMSAR	http://www.ramsar.org/boschplaat	<Null>	Designated as Ramsar site		<Null>	Protected wetland species at: http://www.ramsar.org/boschplaat					
ME_UID_254	Griend	RAMSAR		<Null>	Designated as Ramsar site		<Null>						
ME_UID_255	Waddenzee	RAMSAR	https://rsis.ramsar.org/ris/289?language=en	<Null>	Designated as Ramsar site	1984	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/289?language=en					
ME_UID_256	Loch of Strathbeg	RAMSAR	https://rsis.ramsar.org/ris/778	<Null>	Designated as Ramsar site	1995	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/778					
ME_UID_257	Zwanenwater	RAMSAR	https://rsis.ramsar.org/ris/400	<Null>	Designated as Ramsar site	1988	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/400					
ME_UID_258	Oostvaardersplassen	RAMSAR	https://rsis.ramsar.org/ris/427	<Null>	Designated as Ramsar site	1989	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/427					
ME_UID_259	Westerschelde & Saeftinghe	RAMSAR	https://rsis.ramsar.org/ris/748	<Null>	Designated as Ramsar site	1995	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/748					
ME_UID_260	IJmeer	RAMSAR	https://rsis.ramsar.org/ris/1245	<Null>	Designated as Ramsar site	2000	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/1245					
ME_UID_261	IJsselmeer	RAMSAR	https://rsis.ramsar.org/ris/1246	<Null>	Designated as Ramsar site	2000	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/1246					
ME_UID_262	Lauwersmeer	RAMSAR	https://rsis.ramsar.org/ris/1247	<Null>	Designated as Ramsar site	2000	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/1247					
ME_UID_263	Markermeer	RAMSAR	https://rsis.ramsar.org/ris/1249	<Null>	Designated as Ramsar site	2000	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/1249					
ME_UID_264	Veerse Meer	RAMSAR	https://rsis.ramsar.org/ris/1251	<Null>	Designated as Ramsar site	2000	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/1251					
ME_UID_265	Waddeneilanden, Noordzeekustzone, Breebaart	RAMSAR	https://rsis.ramsar.org/ris/1252	<Null>	Designated as Ramsar site	2000	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/1252					
ME_UID_266	Zoommeer	RAMSAR	https://rsis.ramsar.org/ris/1253	<Null>	Designated as Ramsar site	2000	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/1253					
ME_UID_267	Grevelingen	RAMSAR	https://rsis.ramsar.org/ris/1272	<Null>	Designated as Ramsar site	2000	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/1272					
ME_UID_268	Foulness	RAMSAR	https://rsis.ramsar.org/ris/861	<Null>	Designated as Ramsar site	1996	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/861					
ME_UID_269	Alde-Ore Estuary	RAMSAR	https://rsis.ramsar.org/ris/862?language=en	<Null>	Designated as Ramsar site	1996	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/862?language=en					
ME_UID_270	Loch Spynie	RAMSAR	https://rsis.ramsar.org/ris/569	<Null>	Designated as Ramsar site	1992	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/569					
ME_UID_271	Gibraltar Point	RAMSAR	https://rsis.ramsar.org/ris/589	<Null>	Designated as Ramsar site	1993	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/589					
ME_UID_272	Hamford Water	RAMSAR	https://rsis.ramsar.org/ris/607	<Null>	Designated as Ramsar site	1993	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/607					
ME_UID_273	Exe Estuary	RAMSAR	https://rsis.ramsar.org/ris/542	<Null>	Designated as Ramsar site	1992	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/542					
ME_UID_274	Blackwater Estuary	RAMSAR	https://rsis.ramsar.org/ris/543	<Null>	Designated as Ramsar site	1992	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/543					
ME_UID_275	Baie du Mont Saint-Michel	RAMSAR	https://rsis.ramsar.org/ris/709	<Null>	Designated as Ramsar site	1994	<Null>	Protected wetland species at: https://rsis.ramsar.org/ris/709					
ME_UID_276	Adur Estuary	Natural England	https://designatedsites.naturalengland.org.uk/	<Null>	Designated as SSSI	<Null>	Views about management (VAMs) listed under site pages. Select site using site name at: https://designatedsites.naturalengland.org.uk/	Search using site name at: https://designatedsites.naturalengland.org.uk/ where species are listed.	Search using site name at: https://designatedsites.naturalengland.org.uk/ where habitats are listed.				
ME_UID_277	Aire Point to Carrick Du	Natural England	https://designatedsites.naturalengland.org.uk/	<Null>	Designated as SSSI	<Null>	Views about management (VAMs) listed under site pages. Select site using site name at: https://designatedsites.naturalengland.org.uk/	Search using site name at: https://designatedsites.naturalengland.org.uk/ where species are listed.	Search using site name at: https://designatedsites.naturalengland.org.uk/ where habitats are listed.				
ME_UID_278	Alde-Ore Estuary	Natural England	https://designatedsites.naturalengland.org.uk/	<Null>	Designated as SSSI	<Null>	Views about management (VAMs) listed under site pages. Select site using site name at: https://designatedsites.naturalengland.org.uk/	Search using site name at: https://designatedsites.naturalengland.org.uk/ where species are listed.	Search using site name at: https://designatedsites.naturalengland.org.uk/ where habitats are listed.				

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

ME_UID_515	Færder	Ministry of Climate and Environment	http://prosjekt.fylkesmannen.no/faerdernasjonalpark/Organisering/	<Null>	Designated as national park	<Null>	See under 'information material' lobster conservation areas, minimum sizes for sea fishing, rules for watercraft and bird posters. At: http://prosjekt.fylkesmannen.no/faerdernasjonalpark/	Information on protected habitats and species: http://prosjekt.fylkesmannen.no/faerdernasjonalpark/Om-Farder-nasjonalpark/				See important species in the park here: http://www.aires-marines.fr/L-Agence/Organisation/Parcs-naturels-marins/Parc-naturel-marin-des-estuaire-picards-et-de-la-mer-d-Opale/Patrimoine-naturel2	See important habitats at the park here: http://www.aires-marines.fr/L-Agence/Organisation/Parcs-naturels-marins/Parc-naturel-marin-des-estuaire-picards-et-de-la-mer-d-Opale/Patrimoine-naturel2
ME_UID_516	Havet mellem Korshage og Hundested	The Danish Nature Agency	http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/plan-1-125/	<Null>	Designated as SPA	1983	<Null>						
ME_UID_517	Nordre Rønner	The Danish Nature Agency	http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/plan-1-125/20-nordre-roenner/	<Null>	Designated as SPA	1983	<Null>	See features listed in site plans: http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/plan-1-125/20-nordre-roenner/	See features listed in site plans: http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/plan-1-125/20-nordre-roenner/				
ME_UID_518	Ålborg Bugt, østlige del	The Danish Nature Agency	http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/plan-126-246/245-aalborg/	<Null>	Designated as SPA	1983	<Null>	See features listed in site plans: http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/plan-126-246/245-aalborg/	See features listed in site plans: http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/plan-126-246/245-aalborg/				
ME_UID_519	Hirsholmene	The Danish Nature Agency	http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/plan-1-125/4-hirsholmene/	<Null>	Designated as RAMSAR site	1977	<Null>	See features listed in site plans: http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/plan-1-125/4-hirsholmene/	See features listed in site plans: http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/plan-1-125/4-hirsholmene/				
ME_UID_520	Ålborg Bugt, nordlige del	The Danish Nature Agency	http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/plan-126-246/245-aalborg/	<Null>	Designated as SPA	1983	<Null>	See features listed in site plans: http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/plan-126-246/245-aalborg/	See features listed in site plans: http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/plan-126-246/245-aalborg/				
ME_UID_521	Randers og Mariager Fjorde og Ålborg Bugt, sydlige del	The Danish Nature Agency	http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/plan-1-125/	<Null>			<Null>						
ME_UID_522	Havet og kysten mellem Hundested og Rørvig	The Danish Nature Agency	http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/plan-126-246/153-hundested/	<Null>	Designated as SCI	1998	<Null>	See features listed in site plans: http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/plan-126-246/153-hundested/	See features listed in site plans: http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/plan-126-246/153-hundested/				
ME_UID_523	Vadehavet med Ribe Å, Tved Å og Varde Å vest for Varde	The Danish Nature Agency	http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/plan-1-125/89-vadehavet/	<Null>	Designated as SCI	1998	<Null>	See features listed in Wadden Sea site plan: http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/plan-1-125/89-vadehavet/	See features listed in Wadden Sea site plan: http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/plan-1-125/89-vadehavet/				
ME_UID_524	Hirsholmene, havet vest herfor og Ellinge Å's udløb	The Danish Nature Agency	http://naturstyrelsen.dk/media/nst/68743/004Plan.pdf	<Null>	Designated as SCI	1998	<Null>	See features listed in site plan: http://naturstyrelsen.dk/media/nst/68743/004Plan.pdf	See features listed in site plan: http://naturstyrelsen.dk/media/nst/68743/004Plan.pdf				
ME_UID_525	Skagens Gren og Skagerrak	The Danish Nature Agency	http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/plan-1-125/1-skagens-gren/	<Null>	Designated as SCI	1998	<Null>	See features listed in site plan: http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/plan-1-125/1-skagens-gren/	See features listed in site plan: http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/plan-1-125/1-skagens-gren/				
ME_UID_526	Ålborg Bugt, Randers Fjord og Mariager Fjord	The Danish Nature Agency	http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/plan-1-125/14-%C3%A5lborg-bugt/	<Null>	Designated at SCI	1998	<Null>	See features listed in site plans: http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/plan-1-125/14-%C3%A5lborg-bugt/	See features listed in site plans: http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/plan-1-125/14-%C3%A5lborg-bugt/				

ME_UID_527	Gilleleje Flak og Tragten	The Danish Nature Agency	http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/plan-1-125/	http://eunis.eea.europa.eu/sites/DK00VA171	Designated as SCI & SAC	2009	<Null>	See features listed at: http://eunis.eea.europa.eu/sites/DK00VA171	See features listed at: http://eunis.eea.europa.eu/sites/DK00VA171				
ME_UID_528	Store Middelgrund	The Danish Nature Agency	http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/plan-126-246/193-middelgrund/	<Null>	Designated as HELCOM Baltic Sea Protected Area	2005	<Null>	See features listed in site plan: http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/plan-126-246/193-middelgrund/	See features listed in site plan: http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/plan-126-246/193-middelgrund/				
ME_UID_529	Jyske Rev, Lillefiskerbanke	The Danish Nature Agency	http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/plan-1-125/	http://eunis.eea.europa.eu/sites/DK00VA257	Designated as SCI	2009	<Null>	See features listed at: http://eunis.eea.europa.eu/sites/DK00VA257	See features listed at: http://eunis.eea.europa.eu/sites/DK00VA258				
ME_UID_530	Store Rev	The Danish Nature Agency	http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/plan-1-125/	<Null>	<Null>	<Null>	<Null>						
ME_UID_531	Gule Rev	The Danish Nature Agency	http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/plan-1-125/	<Null>	<Null>	<Null>	<Null>						
ME_UID_532	Thyborøn Stenvolde	The Danish Nature Agency	http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/plan-1-125/	http://eunis.eea.europa.eu/sites/DK00VA348	Designated as SCI	2009	<Null>	See features listed at: http://eunis.eea.europa.eu/sites/DK00VA348	See features listed at: http://eunis.eea.europa.eu/sites/DK00VA348				
ME_UID_533	Ebbeløkkerev	The Danish Nature Agency	http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/plan-126-246/243-ebbeloekke/	<Null>	Designated as HELCOM Baltic Sea Protected Area	2009	<Null>	See features listed in site plan: http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/plan-126-246/243-ebbeloekke/	See features listed in site plan: http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/plan-126-246/243-ebbeloekke/				

C. Data Assessment

NSC-002-Mari		Datasets Identified by the North Sea Checkpoint						
Data Category Group (MEP)	Full ID	Project ID	Requirement	URI	Name	Inspire	Citation	
					Natura 2000 European database: bioregions table		Each table of the database has several data categories that meet different inspire classes. The most appropriate inspire class has been chosen for each separate table. Note: all tables in the database are linked by 'Sitecode'. This table gives data on the ocean basin i.e. Marine Atlantic.	H5 used as a ref, if cells move, you need to change ref to h5 in the text
MPA list EEA	DT.Mari.NS001-Natura 2000 European database: bioregions table	NS001		http://www.eea.europa.eu/data-and-maps/data/natura-5#tab-european-data		3.17 Bio-geographical regions		
MPA list EEA	DT.Mari.NS002-Natura 2000 European database: contacts table	NS002		http://www.eea.europa.eu/data-and-maps/data/natura-5#tab-european-data	Natura 2000 European database: contacts table	1.5 Addresses	As above. This table gives data on the contact details of the organisation/person that gav the information for each Natura site.	
MPA list EEA	DT.Mari.NS003-Natura 2000 European database: designation status table	NS003		http://www.eea.europa.eu/data-and-maps/data/natura-5#tab-european-data	Natura 2000 European database: designation status table	1.9 Protected sites	See H5. Unknown which INSPIRE class these data might meet.	
MPA list EEA	DT.Mari.NS004-Natura 2000 European database: directive species table	NS004		http://www.eea.europa.eu/data-and-maps/data/natura-5#tab-european-data	Natura 2000 European database: directive species table	3.19 Species distribution	See H5.. Unknown if these data meet the INSPIRE requirements as not an actual grid o species distribution, rather, it is a presence of a species which can be linked to a certain site code. This table gives data on the presence or absence of various species under different annexes at the site.	
MPA list EEA	DT.Mari.NS005-Natura 2000 European database: habitat class table	NS005		http://www.eea.europa.eu/data-and-maps/data/natura-5#tab-european-data	Natura 2000 European database: habitat class table	3.18 Habitats and biotopes	See H5. Also: data may not meet the INSPIRE requirements fully as just name of habitat is given. This table gives data on the name of the habitat present at the site and the % cover it has at the site.	
MPA list EEA	DT.Mari.NS006-Natura 2000 European database: habitats table	NS006		http://www.eea.europa.eu/data-and-maps/data/natura-5#tab-european-data	Natura 2000 European database: habitats table	3.18 Habitats and biotopes	See H5. This table gives data on the name, priority, representivity, coverage (hectares an %), conservation degree etc of the habitat at each site.	
MPA list EEA	DT.Mari.NS007-Natura 2000 European database: impact table	NS007		http://www.eea.europa.eu/data-and-maps/data/natura-5#tab-european-data	Natura 2000 European database: impact table	3.7 Environmental monitoring facilities	See H5. This table gives data on pollution and rank of the impact.	
MPA list EEA	DT.Mari.NS008-Natura 2000 European database: management table	NS008		http://www.eea.europa.eu/data-and-maps/data/natura-5#tab-european-data	Natura 2000 European database: management table	3.11 Area management / restriction / regulation zones & reporting units	See H5. This table gives data on the bodies responsible for management of the site, the conservation measures, url links and contact details.	
MPA list EEA	DT.Mari.NS009-Natura 2000 European database: metadata table	NS009		http://www.eea.europa.eu/data-and-maps/data/natura-5#tab-european-data	Natura 2000 European database: metadata table			
MPA list EEA	DT.Mari.NS010-Natura 2000 European database: Natura2000 sites table	NS010		http://www.eea.europa.eu/data-and-maps/data/natura-5#tab-european-data	Natura 2000 European database: Natura2000 sites table	1.9 Protected sites	See H5. This table gives data on site name, country, the area in hectares, length i kilometres, what type of site it is, lat & long etc.	
MPA list EEA	DT.Mari.NS011-Natura 2000 European database: other species table	NS011		http://www.eea.europa.eu/data-and-maps/data/natura-5#tab-european-data	Natura 2000 European database: other species table	3.19 Species distribution	See H5. Unknown if these data meet the INSPIRE requirements as not an actual grid o species distribution, rather, it is a presence of a species group which can be linked to a certain site code.	
MPA list EEA	DT.Mari.NS012-Natura 2000 European database: species table	NS012		http://www.eea.europa.eu/data-and-maps/data/natura-5#tab-european-data	Natura 2000 European database: species table	3.19 Species distribution	See H5. As above. This table also includes data on the species abundance and populatio size.	
MPA list EEA	DT.Mari.NS013-Natura 2000 European database - CSV format	NS013		http://www.eea.europa.eu/data-and-maps/data/natura-5#tab-european-data	Natura 2000 European database - CSV format		Same as database above, but in .csv format instead of .mdb.	
MPA list EEA	DT.Mari.NS014-Natura 2000 GIS data	NS014		http://www.eea.europa.eu/data-and-maps/data/natura-5#tab-gis-data	Natura 2000 GIS data	1.9 Protected sites	Shape files containing spatial data of Natura 2000 sites. Metadata, encoding and projectio files also included.	
MPA list EEA	DT.Mari.NS015-Natura 2000 metadata	NS015		http://www.eea.europa.eu/data-and-maps/data/natura-5#tab-metadata	Natura 2000 metadata	1.9 Protected sites	Gives spatial and temporal resolution, the co-ordinate reference system and other usefu pieces of information about the data sets.	
					Natura 2000 barometer statistics	1.9 Protected sites	Gives an evaluation on the progress made in establishing the Natura 2000 network, bot under the Birds and the Habitats Directives. It is based on information on number of sites and areas covered, as indicated by Member States and is published in the Natura 2000 Newsletter.	
MPA list EEA	DT.Mari.NS016-Natura 2000 barometer statistics	NS016		http://www.eea.europa.eu/themes/biodiversity/document-library/natura-2000/natura-2000-network-statistics/natura-2000-barometer-statistics/statistics/barometer-statistics				
MPA list EEA	DT.Mari.NS017-Public Natura 2000 Network Viewer	NS017		http://natura2000.eea.europa.eu/	Public Natura 2000 Network Viewer Mac	1.9 Protected sites	Map allows you to visually select the area of interest on the map, and view its details:	
					EEA Nationally designated areas (CDDA) database: designations table	3.11 Area management / restriction / regulation zones & reporting units	See H5. All tables in this database could also come under the '1.9 protected sites' INSPIRE class. Data provided: list of national designations with references to laws and number and total area of sites per designation.	
MPA list EEA	DT.Mari.NS018-EEA Nationally designated areas (CDDA) database: designations table	NS018		http://www.eea.europa.eu/data-and-maps/data/nationally-designated-areas-national-cdda-8#tab-european-data				
MPA list EEA	DT.Mari.NS019-EEA Nationally designated areas (CDDA) database: sites table	NS019		http://www.eea.europa.eu/data-and-maps/data/nationally-designated-areas-national-cdda-8#tab-european-data	EEA Nationally designated areas (CDDA) database: sites table	1.1 Coordinate reference systems	See H5. Main information (name, location (lat & long), area, IUCN category etc) on each individual designated area at national level.	
MPA list EEA	DT.Mari.NS020-EEA Nationally designated areas (CDDA) database: designation boundaries table	NS020		http://www.eea.europa.eu/data-and-maps/data/nationally-designated-areas-national-cdda-8#tab-european-data	EEA Nationally designated areas (CDDA) database: designation boundaries table	1.9 Protected sites	See H5. Inspire class unknown. A list of digital boundaries of protected areas not defined e sites. Provides information on resolution of source material from which the boundary has been derived. Instructs EEA regarding dissemination of boundaries.	
MPA list EEA	DT.Mari.NS021-EEA Nationally designated areas (CDDA) database: site boundaries table	NS021		http://www.eea.europa.eu/data-and-maps/data/nationally-designated-areas-national-cdda-8#tab-european-data	EEA Nationally designated areas (CDDA) database: site boundaries table	1.9 Protected sites	See H5. Inspire class unknown. Information on whether digital boundaries have bee provided for the reported sites. Provides also information on resolution of source material from which the boundary has been derived. Instructs EEA regarding dissemination of boundaries.	
MPA list EEA	DT.Mari.NS022-EEA Nationally designated areas (CDDA) database: national overview table	NS022		http://www.eea.europa.eu/data-and-maps/data/nationally-designated-areas-national-cdda-8#tab-european-data	EEA Nationally designated areas (CDDA) database: national overview table	1.9 Protected sites	See H5. National indicators for amount of national territory that is protected. Includes data on ecosystem type (which allows sorting by marine areas), total area protected etc.	
MPA list EEA	DT.Mari.NS023-EEA Nationally designated areas (CDDA) database - CSV format	NS023		http://www.eea.europa.eu/data-and-maps/data/nationally-designated-areas-national-cdda-8#tab-european-data	EEA Nationally designated areas (CDDA) database - CSV format	1.9 Protected sites	Same as database above, but in .csv format instead of .mdb.	
MPA list EEA	DT.Mari.NS024-EEA Nationally designated areas (CDDA): GIS data	NS024		http://www.eea.europa.eu/data-and-maps/data/nationally-designated-areas-national-cdda-8#tab-gis-data	EEA Nationally designated areas (CDDA): GIS data	1.9 Protected sites	Shape files and spatiaol containing spatial data of CDDA sites. INSPIRE complian metadata set also included.	
MPA list EEA	DT.Mari.NS025-EEA Code lists and definitions for Nationally designated areas (CDDA)	NS025		http://www.eea.europa.eu/data-and-maps/data/nationally-designated-areas-national-cdda-8#tab-additional-information	EEA Code lists and definitions for Nationally designated areas (CDDA)	1.9 Protected sites	Inspire class unknown. These data will help to define terms in the NS020 and NS02 datasets.	NS020 & 21 referred to here, if change names need to change this ref
MPA list EEA	DT.Mari.NS026-EEA Nationally designated areas (CDDA) metadata	NS026		http://www.eea.europa.eu/data-and-maps/data/nationally-designated-areas-national-cdda-8#tab-metadata	EEA Nationally designated areas (CDDA) metadata	1.9 Protected sites	Gives spatial and temporal resolution, the co-ordinate reference system and other usefu pieces of information about the data sets.	
					EUNIS database files	1.9 Protected sites	See H5. Brings together European data from several databases and organisations into three interlinked modules on sites, species and habitat types. Will include data already presented above.	
MPA list EEA	DT.Mari.NS027-EUNIS database files	NS027		http://www.eea.europa.eu/themes/biodiversity/eunis/eunis-db#tab-derived-datasets				
					EUNIS database web application: sites data	1.9 Protected sites	See H5. Brings together European data from several databases and organisations into three interlinked modules on sites, species and habitat types. Will include data already presented above. Relates to database files in NS027. Can search for sites by code or name. Basic search conducted was 'marine'. Other tabs for species and habitat searches.	NS027 ref
MPA list EEA	DT.Mari.NS028-EUNIS database web application: sites data	NS028		http://eunis.eea.europa.eu/sites.jsp				
					EEA conservation status of habitats and species database	3.18 Habitats and biotopes	See H5. Includes information on the conservation status of the habitat types and species of community interest. Tables include various types of data relating to habitats and species of the habitats directive, including: the typical species associated with certain habitats, habitat ranges, population, N2000 code. The data is grouped by general biogeographical region, e.g. MATL (marine atlantic) used for this study,	
MPA list EEA	DT.Mari.NS029-EEA conservation status of habitats and species database	NS029		http://www.eea.europa.eu/data-and-maps/data/article-17-database-habitats-directive-92-43-eecc#tab-european-data				
MPA list EEA	DT.Mari.NS030-EEA conservation status of habitats and species GIS database	NS030		http://www.eea.europa.eu/data-and-maps/data/article-17-database-habitats-directive-92-4-eecc#tab-gis-data	EEA conservation status of habitats and species GIS database	3.18 Habitats and biotopes	As above, but spatial data.	
MPA list EEA	DT.Mari.NS031-EEA conservation status of habitats and species metadata	NS031		http://www.eea.europa.eu/data-and-maps/data/article-17-database-habitats-directive-92-4-eecc#tab-metadata	EEA conservation status of habitats and species metadata	3.18 Habitats and biotopes	Metadata for the above datasets.	
MPA list EEA	DT.Mari.NS032-EUNIS habitat classification data	NS032		http://www.eea.europa.eu/data-and-maps/data/eunis-habitat-classification#tab-european-data	EUNIS habitat classification data	3.18 Habitats and biotopes	Data on EUNIS habitat types and their descriptions.	
					European biogeographical regions Habitats Directive (92/43/EEC)	3.17 Bio-geographical regions	2008-2011 biogeographical boundaries from EU member states & emerald network countries (includes norway). Contains GIS data (vestor ploygons), co-ordinate reference systems file (.prj), INSPIRE compliant dataset and region codelist.	
MPA list EEA	DT.Mari.NS033-European biogeographical regions Habitats Directive (92/43/EEC)	NS033		http://www.eea.europa.eu/data-and-maps/data/biogeographical-regions-europe-1#tab-gis-data				
					GIS map of Denmark Natura 2000 sites	1.9 Protected sites	Map gives numbers of Natura 2000 sites. Comes with a help guide (in Danish): http://miljoegis.mim.dk/tagtekster/helps/help_miljoegis.pdf	
MPA list Denmark	DT.Mari.NS034-GIS map of Denmark Natura 2000 sites	NS034		http://miljoegis.mim.dk/cbkort?selectorgroups=themecontainer%20Natura2000%20fredning&m apex=277608%206024994.2%201064040%206422715.8&layers=theme-gst-dtkskaerm_daempet%20ef_fugle_bes_om%20ramsar_om%20ef_habitat_om%20theme-pg-natura_2000_omraader&mapheight=968&mapwidth=1925&profile=miljoegis-natura2000	Denmark list of habitats and birds each Natura 2000 site covers	1.9 Protected sites		
MPA list Denmark	DT.Mari.NS035-Denmark list of habitats and birds each Natura 2000 site covers	NS035		http://naturstyrelsen.dk/media/hst/68127/Natura2000%20nr.pdf	Denmark list of plans for Natura 2000 sites	1.9 Protected sites	List of numbered sites. Can link to the GIS map above. In Danish.	
MPA list Denmark	DT.Mari.NS036-Denmark list of plans for Natura 2000 sites	NS036		http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/		1.9 Protected sites	In danish. For each Natura 2000 site there has been a plan prepared. It sets the framewor for regional administration and management and to ensure that there will be favorable conservation status of species and habitats in the area. Provides links to possible measures, species included etc.	
MPA list UK	DT.Mari.NS037-UK JNCC Interactive MPA map	NS037		http://jncc.defra.gov.uk/page-5201	UK JNCC Interactive MPA map	1.9 Protected sites	Can select all types of MPAs in UK area (SACs, SPAs = Natura 2000 sites) SSSIs anc RAMSAR sites not yet included. Can right click on MPA when selected and map gives informationon size (ha), name and legislation. Map shows lat & long.	
MPA list UK	DT.Mari.NS038-UK MCZ formal designation orders	NS038		http://www.legislation.gov.uk/ukmo/2013	UK MCZ formal designation orders	3.11 Area management / restriction / regulation zones & reporting units	Formal designation orders for UK marine conservation zones.	
MPA list UK	DT.Mari.NS039-Scotland MPA designation orders	NS039		http://www.scotland.gov.uk/Topics/marine/marine-environment/mpanetwork/developing/DesignationOrders	Scotland MPA designation orders	3.11 Area management / restriction / regulation zones & reporting units	Formal designation orders for Scotland MPAs. Click on MPA name and takes you to downloadable document or summary map.	
MPA list UK	DT.Mari.NS040-Scotland MPA network map	NS040		http://www.scotland.gov.uk/Topics/marine/marine-environment/mpanetwork/MPAMap	Scotland MPA network map	3.11 Area management / restriction / regulation zones & reporting units	Provides visual representation of Scottish MPAs. Map is not interactive.	
MPA list UK	DT.Mari.NS041-Scotland MPA co-ordinates	NS041		http://www.scotland.gov.uk/Topics/marine/marine-environment/mpanetwork/pMPACo-ordinates	Scotland MPA co-ordinates	1.9 Protected sites	Excel files containing co-ordinates for designated MPAs	
MPA list UK	DT.Mari.NS042-Scotland GIS Shape files for both the Inshore and Offshore MPAs	NS042		https://gateway.snh.gov.uk/natural-spaces/dataset.jsp?dsid=MPA	Scotland GIS Shape files for both the Inshore and Offshore MPAs	1.9 Protected sites	GIS files for designated MPAs. Requires registration before downloadable. Have to agree to a public sector (scotland) end user licence. Data stored on MEP system. ESRI shapefile, GML 3.1.1. file, Google earth kmz file.	

MPA list UK	DT.Mari.NS043-UK MPAs (SACs, SPAs, Ramsar, OSPAR) GIS data (& links to attribute data)	NS043	http://jncc.defra.gov.uk/protectedsites/SACselection/gis_data/terms_conditions.asp	UK MPAs (SACs, SPAs, Ramsar, OSPAR) GIS data (& links to attribute data)	1.9 Protected sites	Links to download GIS data. Have to register to obtain the data. Links to attribute data are also provided on the first page.
				OSPAR MPA Network Database	1.9 Protected sites	Inspire class not assigned as multiple data classes in multi-table Microsoft Access database. Contains links to Natura2000 sites in tables and info on size, location, features. Almost all of the MPAs so far reported to OSPAR by EU Member States largely overlap existing Natura 2000 sites. Only a limited number of marine Natura 2000 sites have not yet been included in the OSPAR Network of MPAs so this database may be the most useful. Norway also included here.
MPA list OSPAR	DT.Mari.NS044-OSPAR MPA Network Database	NS044	http://www.ospar.org/content/content.asp?menu=01511400000000_000000_000000	OSPAR MPAs Network GIS shapefile	1.9 Protected sites	
MPA list OSPAR	DT.Mari.NS045-OSPAR MPAs Network GIS shapefile	NS045	http://www.ospar.org/content/content.asp?menu=01511400000000_000000_000001	OSPAR MPAs visual interactive network map	1.9 Protected sites	Shape file providing boundaries of OSPAR MPAs.
MPA list OSPAR	DT.Mari.NS046-OSPAR MPAs visual interactive network map	NS046	http://carto.mpa.ospar.org/1/ospar_map	IUCN WDPA Interactive map & downloadable GIS files	1.9 Protected sites	Visual representation of OSPAR MPAs. Can select country in toolbar and relevant MPA will appear, you can then choose an MPA and zoom to it on the map. Linked information (i.e. size) is not immediately available on this map.
						Can use a viewable map or users can select 'download all' from the database and filter search by country. Users must register. The search consisted of the following filters 'Europe then 'marine' then 'country'. The files can be downloaded in .shp, kmz and .csv files. Downloaded files are stored on the 'The Box' sharing site between IMARES and MEP.
MPA list WDPA	DT.Mari.NS047-IUCN WDPA Interactive map & downloadable GIS files	NS047	http://www.protectedplanet.net/	EMODnet Bathymetry Portal	2.1 Elevation	Provides services for discovery and requesting access to bathymetric data (survey data sets and composite DTMs) . The portal also provides a service for viewing and downloading a harmonised Digital Terrain Model (DTM) for the European sea regions that is generated by the EMODnet Bathymetry partnership on the basis of the gathered data sources. Is an interactive online tool where layers including survey tracks, depth contours, underwater features and global coastline can be turned on/off and downloaded.
EMOD net data	DT.Mari.NS048-EMODnet Bathymetry Portal	NS048	http://portal.emodnet-bathymetry.eu/	EMODnet Geology Portal	2.4 Geology	The geology data available includes: sea-bed substrate, sediment accumulation rate, sea-floor geology etc. The data can be downloaded from the portal on an interactive map tool.
EMOD net data	DT.Mari.NS049-EMODnet Geology Portal	NS049	http://onegeology-europe.brgm.fr/geoportal/viewer.jsp	EMODnet Seabed Habitats Portal	3.18 Habitats and biotopes	Data on modelled seabed habitats based on seabed substrate, energy , biological zone and salinity. Multiple INSPIRE classes can be met.
EMOD net data	DT.Mari.NS050-EMODnet Seabed Habitats Portal	NS050	http://www.emodnet-seabedhabitats.eu/default.aspx?page=1974	EMODnet Chemistry Portal	3.18 Habitats and biotopes	Data on the concentrations of chemicals (pesticides, heavy metals, antifoulants) in water sediments and biota. Unknown INSPIRE class.
EMOD net data	DT.Mari.NS051-EMODnet Chemistry Portal	NS051	http://gher-diva.phys.ulg.ac.be/emodnet/	EMODnet Biology Portal	3.19 Species distribution	Data on temporal and spatial distribution of species abundance and biomass from several taxa. Unknown INSPIRE class.
EMOD net data	DT.Mari.NS052-EMODnet Biology Portal	NS052	http://www.emodnet-biology.eu/portal/index.php	EMODnet Physics Portal	3.15 Oceanographic geographical features	Data on salinity, temperature, waves, currents, sea-level, light attenuation, and FerryBoxes.
EMOD net data	DT.Mari.NS053-EMODnet Physics Portal	NS053	http://www.emodnet-physics.eu/map/	EMODnet Human Activities Portal	3.11 Area management / restriction / regulation zones & reporting units	Data on the intensity and spatial extent of human activities at sea. Includes CDDA and Natura 2000 protected areas. EEA's data have been filtered by Cogsa to show only maritime areas (i.e. areas entirely at sea), and coastal areas (internal areas that intersect and/or are tangent to the coast). This dataset covers the whole EU (except Croatia) in the case of Natura 2000 data.
MPA Management France	DT.Mari.NS054-EMODnet Human Activities Portal	NS054	http://www.emodnet-humanactivities.eu/view-data.php	French Marine Natura 2000 Designation Information	1.9 Protected sites	Page has various links to information on the process of designating marine Natura 2000 sites in France. Includes final reports maps and links to other sites. Useful for information and may help find management information.
MPA Management France	DT.Mari.NS055-French Marine Natura 2000 Designation Information	NS055	http://www.developpement-durable.gouv.fr/Designation-des-sites-Natura-2000.html	French Marine Natura 2000 Designation Plan	1.9 Protected sites	Includes presentation of the general approach and steps in designating marine Natura 2000 sites in France, including scientific methodology and planned locations of sites on a map. Useful for information and may help find management information.
MPA Management France	DT.Mari.NS056-French Marine Natura 2000 Designation Plan	NS056	http://www.developpement-durable.gouv.fr/IMG/pdf/ppt_processus_designation_sites_N2000_large-3.pdf	French Marine Sites: Various Protection Measures	1.9 Protected sites	Useful for information and may help direct searches.
MPA Management France	DT.Mari.NS057-French Marine Sites: Various Protection Measures	NS057	http://www.developpement-durable.gouv.fr/Les-outils-de-la-protection.html	French Marine Natura 2000 Designation Information (Beyond Territorial)	1.9 Protected sites	Outlines the approach for the extension of the Natura 2000 network beyond the territorial sea in France for birds and marine mammals. Includes the methodology and results of the identification of " key sectors " important for the conservation of marine mobile species of Community interest beyond the sea land, where it would be appropriate to designate new Natura 2000 sites, respecting in general the concept of a coherent European ecological network .
MPA Management France	DT.Mari.NS058-French Marine Natura 2000 Designation Information (Beyond Territorial)	NS058	http://www.developpement-durable.gouv.fr/IMG/pdf/Rapport_GS_Oiseaux-Mammiferes_marines.pdf	The French Marine Protected Areas Agency Homepage (Agence des aires marines protegee - AAMP)	1.9 Protected sites	For information. The AAMP is responsible for supporting the creation and management of marine protected areas no matter their type. It federates marine protected area managers.
MPA General Information France	DT.Mari.NS059-The French Marine Protected Areas Agency Homepage (Agence des aires marines protegee - AAMP)	NS059	http://www.aires-marines.com/	AAMP: Information on French marine data collection programme.	1.9 Protected sites	Information on the data collection program on birds and marine mammals in French waters to address two issues in the context of the implementation of the network Natura 2000 at sea: 1) identify important areas for seabirds and marine mammals of Community interest beyond 12 nautical miles, to fill gaps and designation and propose new Natura 2000 sites to the European Commission by autumn 2015, and 2) develop an initial biological status of Natura 2000 already designated sites for these species to feed documents of objectives of N2000 sites and propose management actions for the conservation of these species. Useful for information and may help find management information.
French MPA Management	DT.Mari.NS060-AAMP: Information on French marine data collection programme.	NS060	http://www.aires-marines.fr/Connaitre/Habitats-et-especes-pelagiques/Oiseaux-et-mammiferes-marins-en-metropole	French Protected Areas Online Interactive Map	1.9 Protected sites	Interactive map showing French protected areas where layers can be turned on and off. The table below lists some of georeferenced data on marine habitats and metadata associated maps in marine Natura 2000 sites and marine parks available to the Agency. The data comes from several studies DREAL and the Agency for marine protected areas (including the program CARTHAM).
MPA list France	DT.Mari.NS061-French Protected Areas Online Interactive Map	NS061	http://inpn.mnhn.fr/carto/metropole/cehl/	French Georeferenced data on Marine Habitats	3.18 Habitats and biotopes	Useful for information and may help find management information. Last page contains contacts in various marine organisations in France.
MPA list France	DT.Mari.NS062-French Georeferenced data on Marine Habitats	NS062	http://cartographie.aires-marines.fr/viewer/index.php	French Protected Areas Online Interactive Map via AAMP	1.9 Protected sites	Interactive map showing French marine protected areas where layers can be turned on and off.
French MPA Management	DT.Mari.NS063-Information & Contacts: Implementation of MSFD in France	NS063	http://www.developpement-durable.gouv.fr/IMG/pdf/11021-3_DCSMM_Brochure-8p_GB_MA_septembre-2013-2.pdf	French Natura 2000 Marine Site Implementation Information (AAMP)	1.9 Protected sites	Website dedicated to the implementation of Natura 2000 in the following marine or mixed sites designated under the Habitats Directive-fauna-flora (DHFF) and Birds Directive (OD). Includes a 'latest news' section.
MPA list France	DT.Mari.NS064-French Protected Areas Online Interactive Map via AAMP	NS064	http://www.aires-marines.fr/Les-aires-marines-protegees/Carte-interactive	French Natura 2000 site GIS layers	1.9 Protected sites	Can select specific shapefiles to download.
French MPA Management	DT.Mari.NS065-French Natura 2000 Marine Site Implementation Information (AAMP)	NS065	http://baiedeseine.n2000.fr/les-sites	UK Natural England GIS Datasets	1.9 Protected sites	Downloadable UK specific shapefiles of MPAs such as MCZs.
MPA list UK	DT.Mari.NS066-French Natura 2000 site GIS layer	NS066	http://inpn.mnhn.fr/telechargement/cartes-et-information-geographique/nat/natu	Norwegian Environment Agency Naturebase Info	1.9 Protected sites	Information relating to the download of Norway's marine data.
MPA list Norway	DT.Mari.NS067-UK Natural England GIS Datasets	NS067	http://www.gis.naturalengland.org.uk/pubs/gis/GIS_Register.asp	Norwegian Environment Agency Naturebase Data	1.9 Protected sites	Can select by region of Norway on map, select 'proposed protected areas' , choose either ESRI geodatabase format or SOSI format
MPA list Norway	DT.Mari.NS068-Norwegian Environment Agency Naturebase Info	NS068	http://www.miljodirektoratet.no/no/Tjenester-og-verktoy/Database/Naturebase/	Norwegian Environment Agency Datasets page	1.9 Protected sites	Information relating to the download of Norway's marine data.
MPA list Norway	DT.Mari.NS069-Norwegian Environment Agency Naturebase Data	NS069	http://karteksport.miljodirektoratet.no/#page=tab1	Norwegian Environment Agency: First 36 Marine Areas Dataset	1.9 Protected sites	Shapefiles of first 36 areas that are proposed to be included in national marine conservation plan. Metadata: http://www.geonorge.no/geonetwork/srv/nor/main.home?uuiid=6054b750-cf39-4de3-bc65-b75e4a0c40a
MPA list Norway	DT.Mari.NS070-Norwegian Environment Agency Datasets page	NS070	http://kartkatalog.miljodirektoratet.no/Map_catalog_dataset_download_overview.asp	Norwegian Environment Agency Naturebase: MPAs	1.9 Protected sites	Polygons of Norway MPAs. Includes ones with plans in process and ones without.
MPA list Norway	DT.Mari.NS071-Norwegian Environment Agency: First 36 Marine Areas Dataset	NS071	http://kartkatalog.miljodirektoratet.no/map_catalog_dataset.asp?datasetid=502&download=yes	Norwegian Environment Agency Naturebase: Marine Protection Plan	1.9 Protected sites	Updates on progress of information of implementation of MPAs.
MPA list Norway	DT.Mari.NS072-Norwegian Environment Agency Naturebase: MPAs	NS072	http://wms.miljodirektoratet.no/geoserver/marin_verneplan/ows?service=WFS&version=1.0.0&request=GetFeature&typeName=marin_vp_opstart&outputformat=SH-APE-ZIP	Belgian MUMM: Marine Management Data	1.9 Protected sites	Belgian site that used to have all data available (GIS) which is currently off-line (for geo-data due to legislative issues)
MPA Management Norway	DT.Mari.NS073-Norwegian Environment Agency Naturebase: Marine Protection Plan	NS073	http://www.miljodirektoratet.no/no/Tema/Verneomrader/Marin-verneplan/	Belgian MPA International Framework Report	1.9 Protected sites	Information on legislative information relating to Belgian MPAs.
MPA list Belgium	DT.Mari.NS074-Belgian MUMM: Marine Management Data	NS074	http://www.mumm.ac.be/datacentre/Catalogues/datathemelayers.php	Belgian Interactive Coastal Map: Downloadable GIS files.	1.9 Protected sites	Interactive map of Belgian coast where layers can be turned on and off and downloaded.
MPA Management Belgium	DT.Mari.NS075-Belgian MPA International Framework Report	NS075	www.vliz.be/imisdocs/publications/57792.pdf	Netherlands Information About MPAs	1.9 Protected sites	
MPA list Belgium	DT.Mari.NS076-Belgian Interactive Coastal Map: Downloadable GIS files.	NS076	http://www.coastalatlas.be/map/?lan=en&theme_id=30	Norwegian Interactive Map: Marine Biodiversity Data	3.19 Species distribution	Can meet several inspire classes depending on the data. Can obtain various species and habitat distributions, and bathymetric data. URL links can be opened in GIS programmes.
MPA Management Netherlands	DT.Mari.NS077-Netherlands Information About MPAs	NS077	http://www.noordzeeloket.nl/en/projects/north-sea-natura-2000/sites/index.aspx	Netherlands Basic Map Viewer	1.9 Protected sites	Interactive map viewer, no downloads.
MPA Species and Habitats Norway	DT.Mari.NS078-Norwegian Interactive Map: Marine Biodiversity Data	NS078	http://www.mareano.no/en/start	Netherlands Biogeographical Data Viewer	1.9 Protected sites	Interactive map viewer, no downloads.
Basic Map Data Netherlands	DT.Mari.NS079-Netherlands Basic Map Viewer	NS079	http://www.rijkswaterstaat.nl/apps/geoservices/mapviewer2/?lang=en	Netherlands Marine Management Information	3.11 Area management / restriction / regulation zones & reporting units	Information on marine management (EU MFSD) in the Netherlands part of the North Sea.
Basic Biogeographical Data Netherlands.	DT.Mari.NS080-Netherlands Biogeographical Data Viewer	NS080	http://www.noordzeelatlas.nl/index/index.htm#			
MPA Management Netherlands	DT.Mari.NS081-Netherlands Marine Management Information	NS081	http://www.noordzeeloket.nl/projecten/europese-kaderrichtlijn-marine-strategie/			

			Wadden Sea (Denmark, Germany, Netherlands) Information		
General habitat data Wadden Sea	DT.Mari.NS082-Wadden Sea (Denmark, Germany, Netherlands) Information	NS082	http://www.waddensea-secretariat.org/monitoring-tmap/tmap-databases	1.9 Protected sites	Information on how to obtain data relating to various biological, geological and chemical parameters recorded in the Wadden Sea, through the TMAP (common monitoring programme for the Wadden Sea carried out by The Netherlands, Germany and Denmark) databases.
MPA Management Wadden Sea	DT.Mari.NS083-Wadden Sea Information: 2010 Plan	NS083	http://www.waddensea-secretariat.org/sites/default/files/downloads/wsp-v2-11-02-03-fina_lowres.pdf	1.9 Protected sites	Information on management information in the region, includes Natura 2000 specific objectives and plans.
MPA list Germany	DT.Mari.NS084-Federal Agency for Nature Conservation (BFN): Interactive Protected Area Map	NS084	http://www.geodienste.bfn.de/schutzgebiete/#?centerX=3875512.094?centerY=5889326.066?scale=5000000?layers=515	1.9 Protected sites	Interactive map viewer for Germany's protected areas. Includes Natura 2000 marine sites.
MPA list Germany	DT.Mari.NS085-German North Sea Natura 2000 Site Map	NS085	http://www.bfn.de/en/Marine_usen/Industry/CONTIS_maps/NorthSeaSuitableAreasAndNatureConservation.pdf	1.9 Protected sites	Pdf map of Nature 2000 marine sites in Germany. Not interactive.
MPA Management Germany	DT.Mari.NS086-German Natura 2000 Sites Information	NS086	http://www.bfn.de/0314_meererschutzbgebiete+M52087573ab0.html	1.9 Protected sites	Information and links relating to Germany's Natura 2000 sites. Four sites in the North Sea: http://www.bfn.de/0314_daten-meeresflaeche+M52087573ab0.html
MPA Management Germany	DT.Mari.NS087-German Natura 2000 Sites Designation Information	NS087	http://www.bfn.de/0316_meldeverfahren+M52087573ab0.html	1.9 Protected sites	Natura 2000 site designation information , includes links to implementation schedules at side.
MPA Management Germany	DT.Mari.NS088-German North Sea Natura 2000 Sites Designation Information	NS088	http://www.bfn.de/0314_nordsee_meeresschutzgebiete+M52087573ab0.html	1.9 Protected sites	North Sea specific Natura 2000 site designation information , includes links to implementation schedules at side.
MPA List Sweden	DT.Mari.NS089-Swedish Environmental Protection Agency Interactive Protected Sites Map	NS089	http://skyddadnatur.naturvardsverket.se/	1.9 Protected sites	Interactive map viewer for Sweden's protected areas. Includes Natura 2000 marine sites.
MPA List Sweden	DT.Mari.NS090-Swedish Geodata Interactive Map Portal	NS090	https://www.geodata.se/GeodataExplorer/GetMetaData?UUID=a80b3d7-e70c-42d1-9b8c-8148e53e011d	1.9 Protected sites	Interactive map with downloadable geographical data. Can select Natura 2000 SCIs an SPAs to download with associated metadata.
MPA Management Sweden	DT.Mari.NS091-Swedish Regulation of Fishing in MPAs report.	NS091	https://www.havochvatten.se/download/18.571a313c1331de20a5f8000680/1348912842573/rpport-ny-6416-2011-regelering-fiske-skyddade-havsomraden.pdf	3.11 Area management / restriction / regulation	Information on management for Swedish MPAs. In Swedish.
MPA list Denmark	DT.Mari.NS095-Danish Nature Agency Natura 2000 Sites GIS data	NS095	http://download.kortforsyningen.dk/content/natura2000-basisanalyse-2013	1.9 Protected sites	Downloadable GIS data for Danish Natura 2000 sites.
MPA list Sweden	DT.Mari.NS096-Swedish List of National Marine Reserves	NS096	https://www.havochvatten.se/hav/fiske--fritid/skyddade-omraden/marina-naturreservat.html	1.9 Protected sites	List of Swedish national MPAs. In the 'state' column, Halland and Västra Götaland are the areas relevant to this project.
MPA list UK	DT.Mari.NS094-UK MCZ designation update	NS094	https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/285304/pb1414_mcz-update-201402.pdf	1.9 Protected sites	Regular monthly update from Defra relating to designation and plans for UK MCZs.
Habitat data	DT.Mari.NS095-OSPAR habitats distribution GIS files	NS095	http://www.ospar.org/content/content.asp?menu=01511400000000_000000_000000	1.9 Protected sites	OSPAR habitats in NE atlantic region - may need for habitats base layer. Point and polygon layers showing distribution and extent of threatened and/or declining habitats in the OSPAR area. Dataset last updated February 2014. Data available to download either as an ESRI File Geodatabase or as ESRI Shapefiles.
Species data	DT.Mari.NS096-DASSH UK Marine Species Data Archive	NS096	http://www.dassh.ac.uk/search-catalogues	3.19 Species distribution	Species abundance data collated from various surveys in the UK.
Species data	DT.Mari.NS097-Marlin UK Marine Species Data Archive	NS097	http://www.marlin.ac.uk/species.php	3.19 Species distribution	Archive of information on the biology, distribution, life history and likely sensitivity to human activities and natural events, of various UK marine species
Species data	DT.Mari.NS098-ESDM UK Marine Species Database: Data gateway	NS098	https://data.nbn.org.uk/Search?q=marine	3.18 Habitats and biotopes	Data includes surveys and samples, species, habitats and biotopes, environment variables, such as salinity and temperature, physical variables, such as substrate, depth, inclination, sediment type. Can filter search to marine species by typing 'marine' to see all available datasets, or by typing specific species names.
MPA Management Belgium	DT.Mari.NS099-Belgian Birds Directive Information	NS099	http://www.health.belgium.be/eportal/Environment/MarineEnvironment/TheMarineEnvironmentWorkingInAnInternational/BirdsAndHabitats/AreaPolicy/BirdsDirectiveAreas/19087529_EN?ie2Term=North%20Sea&ie2section=83#.VSTpSvnF-RZ	1.9 Protected sites	Provides info on what species the sites were designated for.
MPA Management Belgium	DT.Mari.NS100-Belgian Royal Decree for the creation of protected areas	NS100	http://www.ejustice.fgov.be/cgi_loi/change_lg.pl?language=fr&la=F&cn=2005101435&table_name=loi	1.9 Protected sites	Royal Decree creating special protection areas and special conservation areas in marine areas under Belgian jurisdiction. Also defines some framework under which conservation and protection measures can be set.
MPA Management Belgium	DT.Mari.NS101-Belgian Habitats Directive Information	NS101	http://www.health.belgium.be/eportal/Environment/MarineEnvironment/TheMarineEnvironmentWorkingInAnInternational/BirdsAndHabitats/AreaPolicy/HabitatsDirectiveAreas/index.htm#.VST0v_nF-RY	1.9 Protected sites	Provides info on what habitats the sites were designated for.
MPA Management Germany	DT.Mari.NS102-Germany Schleswig-Holstein Wadden Sea National Park Information	NS102	http://www.nationalpark-wattenmeer.de/sh/overview-english	1.9 Protected sites	Provides basic info on the site and who manages it.
MPA Management Germany	DT.Mari.NS103-German Dogger Bank MPA Site Information	NS103	http://www.bfn.de/0314_doggerbank+M5054de7a952.html	1.9 Protected sites	Includes information on conservation objectives set for the site and links to EU Standard Data Forms.
MPA Management Germany	DT.Mari.NS104-German Sylter Aussenriff / Oestliche Deutsche Bucht MPA Site Information	NS104	http://www.bfn.de/0314_sylter-aussenriff+M5054de7a952.html	1.9 Protected sites	Includes information on conservation objectives set for the site and links to EU Standard Data Forms.
MPA Management Germany	DT.Mari.NS105-German Seevogelschutzgebiet Helgoland MPA Site Information	NS105	http://eunis.eea.europa.eu/sites/DE1813491	1.9 Protected sites	Includes information on conservation objectives set for the site and links to EU Standard Data Forms.
MPA Management Germany	DT.Mari.NS106-German Borkum-Riffgrund MPA Site Information	NS106	http://www.bfn.de/0314_borkum-riffgrund+M5054de7a952.html	1.9 Protected sites	Includes information on conservation objectives set for the site and links to EU Standard Data Forms.
MPA Management All	DT.Mari.NS107-EUNIS MPA Site Information Summaries	NS107	http://eunis.eea.europa.eu/sites.jsp	1.9 Protected sites	User must type in site name or code (Nature 2000 code) and information on the MPA appears, including size, area, species and habitats protected, designation date etc.
MPA Management Denmark	DT.Mari.NS108-Danish Nature Agency Natura 2000 Marine Plans.	NS108	http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/natura-2000-planer/natura-2000-planer-2009-15/	1.9 Protected sites	Information on management goals and conservation objectives for Danish Natura 2000 sites.
MPA Management Germany	DT.Mari.NS109-German National Park Act	NS109	http://www.nds-voris.de/portal/?quelle=purl&query=WattenmeerNatPG%20ND&psml=bsvorisprod.psmi&doktyp=Gesetze&max=true	1.9 Protected sites	Online German National Park Act.
MPA Management France	DT.Mari.NS110-French law on national parks, marine parks and regional parks.	NS110	http://www.legifrance.gouv.fr/affichTexte.do?cidTexte=JORFTEXT000000609487&dateTexte&categorieLien=id	1.9 Protected sites	French law on national parks, marine parks and regional parks.
MPA Management France	DT.Mari.NS111-OSPAR MPA Site Information pages	NS111	http://mpa.ospar.org/home_ospar/mpa_datasheets/	1.9 Protected sites	Online link to the act relating to France's national parks.
MPA Management France	DT.Mari.NS112-French Iroise national marine park info	NS112	http://www.parc-marin-iroise.fr/	1.9 Protected sites	French MPA info sheets
MPA Management Netherlands	DT.Mari.NS113-Netherlands Natura 2000 site Information: management plans	NS113	http://www.synbiosys.alterra.nl/natura2000/	1.9 Protected sites	Iroise marine Natural Park information.
MPA Management Denmark	DT.Mari.NS114-Danish Nature Agency Natura 2000 Legislation Page	NS114	http://naturstyrelsen.dk/naturbeskyttelse/natura-2000/lovgivning/	1.9 Protected sites	Info on netherlands natura 2000 sites, including management plans
MPA Management UK	DT.Mari.NS115-UK MPA Information Pages	NS115	http://jncc.defra.gov.uk/protectedsites/sacselection/	1.9 Protected sites	Info on legislation relevant to Netherlands Natura 2000 sites
MPA list Global	DT.Mari.NS116-RAMSAR sites webviewer & GIS downloads	NS116	https://rsis.ramsar.org/	1.9 Protected sites	Info on designations dates, MPA type etc for UK MPAs
Habitat spatial data OSPAR	DT.Mari.NS117-OSPAR threatened and/or declining habitats GIS data	NS117	http://www.ospar.org/content/content.asp?menu=01511400000000_000000_000000	3.18 Habitats and biotopes	Interactive web map with ability to download RAMSAR sites.
Habitat spatial data EU	DT.Mari.NS118-EUSeaMap Habitat GIS data	NS118	http://www.emodnet-seabedhabitats.eu/webgis	3.18 Habitats and biotopes	GIS habitat data for assessing ecological coherancy
Maritime EEZ boundaries	DT.Mari.NS119-Maritime EEZ boundaries (v8) spatial data	NS119	http://www.marineregions.org/	1.2 Geographical grid systems	GIS habitat data for assessing ecological coherancy
					maritime EEZ boundaries for countries in study area to put on maps as base layers

Valuation of the data to solving a challenge (a sheet per challenge)

NSC-002-Mari				
Data Set	Consideration	ValueCriteria	VCFlag	ValueCriteriaReason
DT.Mari.NS001-Natura 2000 European database bioregions table	Considered	Contribution	True	Parts of the data sets may be useful, can pick out sites in bioregions such as 'Marine Atlantic'. Needs to be used in conjunction with other tables in the database and likely other data sets.
NSC-002-Mari		Location	Null	Can select sites for Marine Atlantic but spatial resolution alone is not to the level of specific MPA sites. Temporal coverage relates to 2013 so not fully up-to-date. Does not cover Norway. Needs to be used in conjunction with other tables in the database and likely other data sets.
		Commercial	True	Free - downloadable from the EEA.
		Attributes	False	Table needs to be used in conjunction with other data sets.
		Delivery	True	Directly downloadable from EEA.
		Usability	True	Separate tables in an .mdb format.
DT.Mari.NS002-Natura 2000 European database: contacts table	NotConsidered	Contribution	False	Not relevant for MPA challenge.
NSC-002-Mari		Location	Null	
		Commercial	Null	
		Attributes	Null	
		Delivery	Null	
		Usability	Null	
DT.Mari.NS003-Natura 2000 European database: designation status table	Considered	Contribution	True	Parts of the data sets may be useful, can pick out names of designated site with unique codes at a national level.
NSC-002-Mari		Location	Null	Will need to filter out those that are specific MPA sites. Needs to be used in conjunction with other tables in the database and likely other data sets. Temporal coverage relates to 2013 so not fully up-to-date. Does not cover Norway.
		Commercial	True	Free - downloadable from the EEA.
		Attributes	False	Table needs to be used in conjunction with other data sets.
		Delivery	True	Directly downloadable from EEA.
		Usability	True	Separate tables in an .mdb format.
DT.Mari.NS004-Natura 2000 European database: directive species table	Suitable	Contribution	True	Will be useful for assigning species listed under Natura sites but only latin names are given and marine species will have to be filtered out.
NSC-002-Mari		Location	True	Will need to filter out those that are specific to MPA sites. Temporal coverage relates to 2013 so not fully up-to-date. Does not cover Norway. Data will still be relevant for use.
		Commercial	True	Free - downloadable from the EEA.
		Attributes	True	Table needs to be used in conjunction with other data sets.
		Delivery	True	Directly downloadable from EEA.
		Usability	True	Separate tables in an .mdb format.
DT.Mari.NS005-Natura 2000 European database: habitat class table	Suitable	Contribution	True	Parts of the data sets will be useful, such as the type of habitat (marine) and % of cover the habitat contributes to the site. Can be used in answering the 'resilience' question.
NSC-002-Mari		Location	True	Will need to filter out those that are specific MPA sites. Needs to be used in conjunction with other tables in the database and likely other data sets. Temporal coverage relates to 2013 so not fully up-to-date. Does not cover Norway.
		Commercial	True	Free - downloadable from the EEA.
		Attributes	True	Table needs to be used in conjunction with other data sets.
		Delivery	True	Directly downloadable from EEA.
		Usability	True	Separate tables in an .mdb format.
DT.Mari.NS006-Natura 2000 European database: habitats table	Suitable	Contribution	True	Parts of data set useful, such as the name of the habitat present at the site and the % cover (in hectares) it has at the site. May be useful for 'representivity' part of the challenge.
NSC-002-Mari		Location	True	Will need to filter out those that are specific MPA sites. Needs to be used in conjunction with other tables in the database and likely other data sets. Temporal coverage relates to 2013 so not fully up-to-date. Does not cover Norway.
		Commercial	True	Free - downloadable from the EEA.
		Attributes	True	Table needs to be used in conjunction with other data sets.
		Delivery	True	Directly downloadable from EEA.
		Usability	True	Separate tables in an .mdb format.

DT.Mari.NS007-Natura 2000 European database: impact table	Considered	Contribution	True	Pollution data may be useful when considering management associated with MPAs. This is uncertain.
NSC-002-Mari		Location	Null	Will need to filter out those that are specific MPA sites. Needs to be used in conjunction with other tables in the database and likely other data sets. Temporal coverage relates to 2013 so not fully up-to-date. Does not cover Norway.
		Commercial	True	Free - downloadable from the EEA.
		Attributes	False	Table needs to be used in conjunction with other data sets.
		Delivery	True	Directly downloadable from EEA.
		Usability	True	Separate tables in an .mdb format.
DT.Mari.NS008-Natura 2000 European database: management table	Considered	Contribution	True	Parts of data set useful, such as the name of conservation measures of some sites. May contribute to management challenge.
NSC-002-Mari		Location	Null	Will need to filter out those that are specific MPA sites in specific countries. Needs to be used in conjunction with other tables in the database and likely other data sets. Temporal coverage relates to 2013 so not fully up-to-date. Does not cover Norway.
		Commercial	True	Free - downloadable from the EEA.
		Attributes	False	Some sites do not have fields filled in. May become a problem when results are filtered by those that are MPAs only. Information provided in tables is not specific or detailed enough per site.
		Delivery	True	Directly downloadable from EEA.
		Usability	True	Separate tables in an .mdb format.
DT.Mari.NS009-Natura 2000 European database: metadata table	NotConsidered	Contribution	False	Not relevant for MPA challenge.
NSC-002-Mari		Location	Null	
		Commercial	Null	
		Attributes	Null	
		Delivery	Null	
		Usability	Null	
DT.Mari.NS010-Natura 2000 European database: Natura2000 sites table	Suitable	Contribution	True	Once the data is filtered for MPAs (which may be difficult due to the column "Marine_area_percentage" fields only giving a percentage of the site which site is marine) then the dataset will be very useful for the challenge. Data needed will be site name, country, the area in hectares, length in kilometres, what type of site it is, lat & long etc.
NSC-002-Mari		Location	True	Will need to filter out those that are specific MPA sites in specific countries. Needs to be used in conjunction with other tables in the database and likely other data sets. Temporal coverage relates to 2013 so not fully up-to-date. Does not cover Norway.
		Commercial	True	Free - downloadable from the EEA.
		Attributes	True	Much information. Once filtered, it should be very useful.
		Delivery	True	Directly downloadable from EEA.
		Usability	True	Separate tables in an .mdb format.
DT.Mari.NS011-Natura 2000 European database: other species table	Suitable	Contribution	True	Data set will need to be filtered for 'marine' species and for other species that exist in those sites that are MPAs before they are used for the challenge.
NSC-002-Mari		Location	True	Will need to filter out those that are specific MPA sites in specific countries. Needs to be used in conjunction with other tables in the database and likely other data sets. Temporal coverage relates to 2013 so not fully up-to-date. Does not cover Norway.
		Commercial	True	Free - downloadable from the EEA.
		Attributes	True	Table needs to be used in conjunction with other data sets.
		Delivery	True	Directly downloadable from EEA.
		Usability	True	Separate tables in an .mdb format.
DT.Mari.NS012-Natura 2000 European database: species table	Suitable	Contribution	True	Data set will need to be filtered for 'marine' species and for other species that exist in those sites that are MPAs before they are used for the challenge.
NSC-002-Mari		Location	True	Will need to filter out those that are specific MPA sites in specific countries. Needs to be used in conjunction with other tables in the database and likely other data sets. Temporal coverage relates to 2013 so not fully up-to-date. Does not cover Norway.
		Commercial	True	Free - downloadable from the EEA.
		Attributes	True	Table needs to be used in conjunction with other data sets.
		Delivery	True	Directly downloadable from EEA.
		Usability	True	Separate tables in an .mdb format.
DT.Mari.NS013-Natura 2000 European database - CSV format	Suitable	Contribution	True	Data set will need to be filtered for 'marine' species and for other species that exist in those sites that are MPAs before they are used for the challenge.

NSC-002-Mari		Location	True	Will need to filter out those that are specific MPA sites in specific countries. Needs to be used in conjunction with other tables in the database and likely other data sets. Temporal coverage relates to 2013 so not fully up-to-date. Does not cover Norway.
		Commercial	True	Free - downloadable from the EEA.
		Attributes	True	Separate excel spreadsheets will need to be analysed in conjunction with other sheets.
		Delivery	True	Directly downloadable from EEA.
		Usability	True	.csv format.
DT.Mari.NS014-Natura 2000 GIS data	Used	Contribution	True	File will need to be edited for marine areas in the focus countries but these data will eventually be very useful for the mapping task, if the shapefile can be edited. The borders of sites are given.
NSC-002-Mari		Location	True	Currently displays all Natura Sites. Up-to-date for the end of 2013. Once selected for the right sites, the data will be compatible for the challenge. Norway not included.
		Commercial	True	Free - downloadable from the EEA. If you intend to use the UK data you must read the End User Licence: http://jncc.defra.gov.uk/pdf/GIS_Data_End_User_Licence_NATURA_20110905.pdf
		Attributes	True	Resolution correct. Data is fit for purpose when MPAs are selected out.
		Delivery	True	Directly downloadable from EEA.
		Usability	True	Various files in .prj, .cpg and shapefile format. Need a GIS programme to open it.
DT.Mari.NS015-Natura 2000 metadata	Suitable	Contribution	True	Metadata used to give spatial and temporal resolutions to other datasets above.
NSC-002-Mari		Location	True	n/a
		Commercial	True	n/a
		Attributes	True	n/a
		Delivery	True	n/a
		Usability	True	n/a
DT.Mari.NS016-Natura 2000 barometer statistics	Suitable	Contribution	True	Gives the number of Natura 2000 sites and their areas by member state. Will be useful when cross-checking with other MPA records, such as OSPAR. Sites having a marine area component covering more than 5% of their total area were counted as a marine sites. Also gives state of designation.
NSC-002-Mari		Location	True	Not at resolution for challenge - not split per area.
		Commercial	True	Free - downloadable from the EEA.
		Attributes	True	Resolution is not fit for purpose.
		Delivery	True	Directly downloadable from EEA.
		Usability	True	Excel file.
DT.Mari.NS017-Public Natura 2000 Network Viewer Map	Suitable	Contribution	True	Very useful for challenge. Useful for visually finding MPAs from all Natura 2000 sites. Selecting a site also provides links to the EU standard data form which provides information on species included, area (hectares), lat and long and whether proposed management plans exist yet. Tool lets you measure areas also.
NSC-002-Mari		Location	True	Includes all but Norway's areas. May not be up-to-date. Still very useful.
		Commercial	True	Free - access granted immediately.
		Attributes	True	At correct precision and accuracy for challenge.
		Delivery	True	Access provided via weblink.
		Usability	True	Interactive GIS map.
DT.Mari.NS018-EEA Nationally designated areas (CDDA) database: designations table	Suitable	Contribution	True	Once the data is filtered for marine areas (can do using 'major_ecosystem' column in 'national_overview' table of database), data may be useful challenge. Will have some overlap with Natura 2000 sites.
NSC-002-Mari		Location	True	For all countries but Norway. However, the EEA does not have permission to distribute some or all sites for the Netherlands. Will need to use data from national websites here. Temporal coverage is up-to-date to 2013. Still useful.
		Commercial	True	Free - downloadable from the EEA.
		Attributes	True	Table needs to be used in conjunction with other data sets.
		Delivery	True	Directly downloadable from EEA.
		Usability	True	Separate tables in an .mdb format.
DT.Mari.NS019-EEA Nationally designated areas (CDDA) database: sites table	Suitable	Contribution	True	Once the data is filtered for marine areas (can do using 'major_ecosystem' column in 'national_overview' table of database), data should be very useful for challenge. Will have some overlap with Natura 2000 sites.
NSC-002-Mari		Location	True	For all countries but Norway. However, the EEA does not have permission to distribute some or all sites for the Netherlands. Will need to use data from national websites here. Temporal coverage is up-to-date to 2013. Still useful.
		Commercial	True	Free - downloadable from the EEA.

		Attributes	True	Table needs to be used in conjunction with other data sets.
		Delivery	True	Directly downloadable from EEA.
		Usability	True	Separate tables in an .mdb format.
DT.Mari.NS020-EEA Nationally designated areas (CDDA) database: designation boundaries table	Considered	Contribution	True	Unsure if will be useful for challenge and in mapping. Gives information on how to obtain boundaries. Need to use in conjunction with NS025 dataset for definitions and country codes.
NSC-002-Mari		Location	Null	For all countries but Norway. However, the EEA does not have permission to distribute some or all sites for the Netherlands. Will need to use data from national websites here. Temporal coverage is up-to-date to 2013. Still useful.
		Commercial	True	Free - downloadable from the EEA.
		Attributes	False	Table needs to be used in conjunction with other data sets.
		Delivery	True	Directly downloadable from EEA.
		Usability	True	Separate tables in an .mdb format.
DT.Mari.NS021-EEA Nationally designated areas (CDDA) database: site boundaries table	Considered	Contribution	True	Unsure if will be useful for challenge and in mapping. Gives information on how to obtain boundaries. Need to use in conjunction with NS025 dataset for definitions and country codes.
NSC-002-Mari		Location	Null	For all countries but Norway. However, the EEA does not have permission to distribute some or all sites for the Netherlands. Will need to use data from national websites here. Temporal coverage is up-to-date to 2013. Still useful.
		Commercial	True	Free - downloadable from the EEA.
		Attributes	False	Table needs to be used in conjunction with other data sets.
		Delivery	True	Directly downloadable from EEA.
		Usability	True	Separate tables in an .mdb format.
DT.Mari.NS022-EEA Nationally designated areas (CDDA) database: national overview table	Suitable	Contribution	True	Data can be filtered for marine areas, can then link this filtered information to other tables in the database. Should be useful for challenge.
NSC-002-Mari		Location	True	For all countries but Norway. However, the EEA does not have permission to distribute some or all sites for the Netherlands. Will need to use data from national websites here. Temporal coverage is up-to-date to 2013. Still useful.
		Commercial	True	Free - downloadable from the EEA.
		Attributes	True	Table needs to be used in conjunction with other data sets.
		Delivery	True	Directly downloadable from EEA.
		Usability	True	Separate tables in an .mdb format.
DT.Mari.NS023-EEA Nationally designated areas (CDDA) database - CSV format	Suitable	Contribution	True	Data set will need to be filtered for 'marine' species and for other species that exist in those sites that are MPAs before they are used for the challenge.
NSC-002-Mari		Location	True	Will need to filter out those that are specific marine sites in specific countries. Needs to be used in conjunction with other tables in the database and likely other data sets. Temporal coverage relates to 2013 so not fully up-to-date. Does not cover Norway.
		Commercial	True	Free - downloadable from the EEA.
		Attributes	True	Separate excel spreadsheets will need to be analysed in conjunction with other sheets.
		Delivery	True	Directly downloadable from EEA.
		Usability	True	.csv format (unzipped folder contains several excel files).
DT.Mari.NS024-EEA Nationally designated areas (CDDA): GIS data	Suitable	Contribution	True	File will need to be edited for marine areas in the focus countries but these data will eventually be very useful for the mapping task, if the shapefile can be edited. The borders of sites are given.
NSC-002-Mari		Location	True	For all countries but Norway. However, the EEA does not have permission to distribute some or all sites for the Netherlands. Will need to use data from national websites here. Temporal coverage is up-to-date to 2013. Still useful.
		Commercial	True	Free - downloadable from the EEA.
		Attributes	True	Resolution correct. Data is fit for purpose when marine areas are selected out.
		Delivery	True	Directly downloadable from EEA.
		Usability	True	Shape file, spatial lite file, INSPIRE compliant dataset.
DT.Mari.NS025-EEA Code lists and definitions for Nationally designated areas (CDDA)	Considered	Contribution	True	Unsure if will be useful for challenge and in mapping. Defines terms in NS020 and NS021 datasets.
NSC-002-Mari		Location	Null	For all countries but Norway. However, the EEA does not have permission to distribute some or all sites for the Netherlands. Will need to use data from national websites here. Temporal coverage is up-to-date to 2013. Still useful.
		Commercial	True	Free - downloadable from the EEA.
		Attributes	False	Table needs to be used in conjunction with other data sets.
		Delivery	True	Directly downloadable from EEA.

		Usability	True	Excel tables.
DT.Mari.NS026-EEA Nationally designated areas (CDDA) metadata	NotConsidered	Contribution	False	Not needed to complete challenge.
NSC-002-Mari		Location	Null	n/a
		Commercial	Null	n/a
		Attributes	Null	n/a
		Delivery	Null	n/a
		Usability	Null	n/a
DT.Mari.NS027-EUNIS database	Considered	Contribution	True	Likely to be very useful but could not open files. Data have been taken directly from the EUNIS web application.
NSC-002-Mari		Location	Null	For all countries but Norway. Temporal coverage is updated regularly. Last upload May 2014.
		Commercial	True	Free - downloadable from the EEA.
		Attributes	Null	Many. Likely to be suitable for challenge but cannot open.
		Delivery	True	Directly downloadable from EEA.
		Usability	False	Could not open RDF/XML files on system. Notepad and Excel just show coded letters. Data have been taken directly from the EUNIS web application.
DT.Mari.NS028-EUNIS database web application: sites data	Considered	Contribution	True	May help when cross-checking data for overlapping sites under Natura, CDDA and European Nature Diploma Areas (Council of Europe).
NSC-002-Mari		Location	True	Spatial data at correct resolution, assumed to be updated regularly.
		Commercial	True	Freely searchable from EEA website.
		Attributes	True	Gives details of size (hectares), lat and long, designation type and country so resolution of the data for the challenge may be sufficient to contribute to the challenge.
		Delivery	True	Available immediately from EEA website.
		Usability	True	Website search function is easy to use and resulting data are downloadable. Basic searches of 'marine' were used, yielding 506 results. However, there is a risk that the search may have missed some marine sites that did not have 'marine' in the name.
DT.Mari.NS029-EEA conservation status of habitats and species database	Considered	Contribution	True	Some data may be useful for reference and when analysing whether an ecologically coherent network exists. However, it is assumed the data is not at the correct resolution for the challenge.
NSC-002-Mari		Location	False	Spatial resolution is too low for the challenge (data grouped by large biogeographical region - marine atlantic, and not per MPA).
		Commercial	True	Free - downloadable from the EEA.
		Attributes	False	Resolution not suitable for challenge.
		Delivery	True	Immediately available from EEA
		Usability	True	Requires reading of the pdf manual before the database is understood. Format easily downloadable (.mdb file).
DT.Mari.NS030-EEA conservation status of habitats and species GIS database	Considered	Contribution	True	Some data may be useful for reference and when analysing whether an ecologically coherent network exists. However, it is assumed the data is not at the correct resolution for the challenge.
NSC-002-Mari		Location	False	Spatial resolution is too low for the challenge (data grouped by large biogeographical region - marine atlantic, and not per MPA).
		Commercial	True	Free - downloadable from the EEA.
		Attributes	False	Resolution not suitable for challenge.
		Delivery	True	Immediately available from EEA
		Usability	True	Zipped shapefile, vector polygon - easily readable if you have GIS software.
DT.Mari.NS032-EEA conservation status of habitats and species metadata	NotConsidered	Contribution	False	Not relevant for MPA challenge.
NSC-002-Mari		Location	Null	n/a
		Commercial	Null	n/a
		Attributes	Null	n/a
		Delivery	Null	n/a
		Usability	Null	n/a
DT.Mari.NS032-EUNIS habitat classification data	Considered	Contribution	True	May be useful when defining habitats generally in reports but not correct resolution for challenge.
NSC-002-Mari		Location	True	Data is up-to-date according to the metadata.
		Commercial	True	Free - downloadable from the EEA.
		Attributes	False	Metadata available but data not at level needed for challenge
		Delivery	True	Immediately available from EEA
		Usability	True	Easily downloadable excel file.

DT.Mari.NS033-European biogeographical regions Habitats Directive (92/43/EEC)	Considered	Contribution	True	May be useful when defining habitat boundaries generally in reports but not likely at correct resolution for challenge.
NSC-002-Mari		Location	False	Not up-to-date, data is for 2008-2011
		Commercial	True	Free - downloadable from the EEA.
		Attributes	False	Resolution not suitable for challenge.
		Delivery	True	Immediately available from EEA
		Usability	True	GIS data available in spatial lite format or shapefile format. Co-ordinate reference system .prj gile (ESRI friendly)
DT.Mari.NS034-GIS map of Denmark Natura 2000 sites	Suitable	Contribution	True	Useful for visually finding MPAs from Danish Natura 2000 sites. Numbers given on map so can link to list of sites and information about them. May overlap with original Natura 2000 data.
NSC-002-Mari		Location	True	Includes all Danish Natura 2000 sites.
		Commercial	True	Free - access granted immediately.
		Attributes	True	Correct accuracy - sizes of areas given, can pick out MPAs
		Delivery	True	Access provided via weblink.
		Usability	True	Interactive GIS map allows links to number, which may help to solve the challenge, despite the data not actually being linked to this map for download.
DT.Mari.NS035-Denmark list of habitats and birds each Natura 2000 site covers	Suitable	Contribution	True	Useful as will link numbers on GIS map to information about sites. May overlap with original Natura 2000 data.
NSC-002-Mari		Location	True	Includes all Danish Natura 2000 sites.
		Commercial	True	Free - access granted immediately.
		Attributes	True	Correct accuracy - sizes of areas given, can pick out MPAs
		Delivery	True	Access provided directly through Danish Nature Agency website.
		Usability	True	Pdf, easily downloadable.
DT.Mari.NS036-Denmark list of plans for Natura 2000 sites	Considered	Contribution	True	May be useful when extracting information about legislation or species associated with habitat. Needs translation.
NSC-002-Mari		Location	True	At correct resolution as information given per site.
		Commercial	True	Free - access granted immediately.
		Attributes	Null	Correct accuracy, information may be able to be extracted to solve parts of the challenge.
		Delivery	True	Access provided directly through Danish Nature Agency website.
		Usability	True	Pdf, easily downloadable.
DT.Mari.NS037-UK JNCC Interactive MPA map	Suitable	Contribution	True	Useful for visually finding MPAs in UK. Includes all MPAs (not just Natura 2000). May overlap with original Natura 2000 data.
NSC-002-Mari		Location	True	Includes all UK MPAs
		Commercial	True	Free online map
		Attributes	True	Lat and long given, sizes and names when you right click on checked MPAs.
		Delivery	True	Access provided via weblink.
		Usability	True	Interactive map allows identification of MPAs and thei size which may help to solve the challenge
DT.Mari.NS038-UK MCZ formal designation orders	Suitable	Contribution	True	Useful for finding 'features' or protected habitats and species associated with UK MCZs.
NSC-002-Mari		Location	True	At correct resolution as information given per site. Just applies to MCZs however.
		Commercial	True	Free - access granted immediately.
		Attributes	True	At correct resolution for the MCZs given but needs to be used in combination with other MPAs.
		Delivery	True	Access provided via weblink.
		Usability	True	Downloadable pdfs.
DT.Mari.NS039-Scotland MPA designation orders	Suitable	Contribution	True	Useful for finding 'features' or protected habitats and species associated with Scottish MPAs
NSC-002-Mari		Location	True	At correct resolution as information given per site. Just applies to Scottish MPAs however.
		Commercial	True	Free - access granted immediately.
		Attributes	True	At correct resolution for the MPAs given but needs to be used in combination with other MPAs
		Delivery	True	Access provided via weblink.
		Usability	True	Downloadable pdfs.
DT.Mari.NS040-Scotland MPA network map	Considered	Contribution	True	Useful for visually finding MPAs in UK but no data are provided.
NSC-002-Mari		Location	Null	Includes all Scottish MPAs but may need to be used in conjunction with other maps.
		Commercial	Null	Free online map
		Attributes	Null	Just an image. Useful for reference.
		Delivery	True	Access provided via weblink.
		Usability	Null	Interactive map allows identification of MPAs.
DT.Mari.NS041-Scotland MPA co-ordinates	Considered	Contribution	True	Useful for providing co-ordinates for Scottish MPAs. May be replication with other datasets so may not need to be used.

NSC-002-Mari		Location	Null	Includes all Scottish MPAs but will need to be used in conjunction with other data sets if this set is used.
		Commercial	True	Free to download from Scottish government
		Attributes	Null	At correct resolution for the MPAs given but needs to be used in combination with other MPAs to make a full dataset as only for Scotland.
		Delivery	True	Immediately available from Scottish government
		Usability	True	Easily downloadable excel file.
DT.Mari.NS042-Scotland GIS Shape files for both the Inshore and Offshore MPAs	Suitable	Contribution	True	Useful for providing spatial data for Scottish MPAs. May be replication with other datasets so may not need to be used.
NSC-002-Mari		Location	True	Includes all Scottish MPAs but will need to be used in conjunction with other data sets if this set is used.
		Commercial	True	Free to download but must register with Scottish government and accept a public sector end user agreement
		Attributes	True	At correct resolution for the MPAs given but needs to be used in combination with other MPAs to make a full dataset as only for Scotland.
		Delivery	True	After registration, data are delivered immediately.
		Usability	True	GIS data available in ESRI shapefile, GML 3.1.1. file, Google earth kmz file. Have to have appropriate software.
DT.Mari.NS043-UK MPAs (SACs, SPAs, Ramsar, OSPAR) GIS data (& links to attribute data)	Used	Contribution	True	Useful for providing spatial data for all UK MPAs. May be replication with other datasets.
NSC-002-Mari		Location	True	Includes all UK MPAs but will need to be used in conjunction with other data sets if this set is used. Temporal coverage varies from 2011-2014 depending on the type of MPA. It is the comprehensive dataset for UK MPAs however.
		Commercial	True	Free to download but must register with UK government.
		Attributes	True	At correct resolution for the MPAs.
		Delivery	True	After registration, data are delivered immediately.
		Usability	True	GIS data available as shapefiles.
DT.Mari.NS044-OSPAR MPA Network Database	Used	Contribution	True	Not considering national designations, this list should make the base MPA list for the challenge as links to Natura 2000 site codes, considers all countries and includes all required data for management and larval data.
NSC-002-Mari		Location	True	Temporal coverage only up to 2013 but is the most up-to-date comprehensive and official MPA list we have.
		Commercial	True	Free - downloadable from OSPAR.
		Attributes	True	At correct resolution for challenge. However, when compared to the visual OSPAR map tool (several MPAs on the map did not appear in the database, despite their status year being before the data of the database (2013)).
		Delivery	True	Directly downloadable from OSPAR.
		Usability	True	Separate tables in an .mdb format.
DT.Mari.NS045-OSPAR MPAs Network GIS shapefile	Used	Contribution	True	Very useful to mapping task. The base shape file used in the geodatabase.
NSC-002-Mari		Location	True	Temporal coverage only up to 2013 but may be the most up-to-date comprehensive and official MPA list we have.
		Commercial	True	Free - downloadable from OSPAR.
		Attributes	True	At correct resolution for challenge.
		Delivery	True	Directly downloadable from OSPAR.
		Usability	True	.shp file, opens in GIS programme.
DT.Mari.NS046-OSPAR MPAs visual interactive network map	Suitable	Contribution	True	Useful when needing to identify if OSPAR MPAs are in NSCP basin boundary. Gives lists of OSPAR MPAs under each country and their names. Can click on information button that gives the name of the MPA. In most cases these could be matched to the OSPAR MPA database and therefore the database could be manually filtered for the NSCP area.
NSC-002-Mari		Location	False	Temporal coverage only up to 2013.
		Commercial	True	Free - viewable on OSPAR web tool.
		Attributes	True	At correct resolution for challenge in terms of location anyway.
		Delivery	True	Immediately viewable on web tool.
		Usability	True	Easily usable interactive map.
DT.Mari.NS047-IUCN WDPAs Interactive map & downloadable GIS files	Used	Contribution	True	Useful when needing to identify if MPAs in each country overlap with other MPA data sets found on study. Overlapped onto geodatabase to identify gaps.
NSC-002-Mari		Location	True	Data is presumably up-to-date.
		Commercial	True	Free - downloadable from the web link but users must register first.

		Attributes	True	At correct resolution for challenge - in terms of location anyway. Licence at: http://www.protectedplanet.net/terms
		Delivery	True	Immediately viewable on web tool.
		Usability	True	.shp file, opens in GIS programme/ easily usage interactive map.
DT.Mari.NS048-EMODnet Bathymetry Portal	Considered	Contribution	True	May be useful for base layers on map, such as the depth contour, depth average.
NSC-002-Mari		Location	False	Data will need filtering for North Sea basin area. Unknown if data is current.
		Commercial	True	Free to download.
		Attributes	False	Metadata not available.
		Delivery	Null	Immediately viewable on web tool but data was not downloadable.
		Usability	False	The 'add layer' and download tool does not work: when the OGC Web Map Service URL' box is open, nothing happens when 'add layer' is pressed.
DT.Mari.NS049-EMODnet Geology Portal	NotConsidered	Contribution	False	Not relevant for MPA challenge.
NSC-002-Mari		Location	Null	
		Commercial	Null	
		Attributes	Null	
		Delivery	Null	
		Usability	Null	
DT.Mari.NS050-EMODnet Seabed Habitats Portal	Considered	Contribution	True	Some data may be useful as base map layers for the connectivity challenge, such as current/wave energy, surface wave exposure and salinity.
NSC-002-Mari		Location	False	Data will need filtering for North Sea basin area. Unknown if data are current.
		Commercial	True	Free to download from EUSeaMap but must provide email address.
		Attributes	True	Metadata provided with downloadable dataset.
		Delivery	True	Immediately downloadable from interactive map tool.
		Usability	Null	.adf files for ESRI ArcInfo Binary Grid Format. Opens in Q GIS as a raster file. Without GIS knowledge, may be hard to find which way to open on GIS. Need GIS programme.
DT.Mari.NS051-EMODnet Chemistry Portal	NotConsidered	Contribution	False	Not relevant for MPA challenge.
NSC-002-Mari		Location	Null	
		Commercial	Null	
		Attributes	Null	
		Delivery	Null	
		Usability	Null	
DT.Mari.NS052-EMODnet Biology Portal	Considered	Contribution	True	Some data may be useful for connectivity challenge such as zooplankton abundance, phytoplankton colour index, fish/mammals/bird/reptile distribution, chlorophyll (in pigments).
NSC-002-Mari		Location	False	Data will need filtering for North Sea basin area. Data are out-of-date.
		Commercial	Null	Some layers are available to download. Users must fill out a download form asking for what purpose are the data being downloaded.
		Attributes	False	Unknown if data types are correct for the challenge. Metadata do not come as part of some of the downloadable datasets.
		Delivery	Null	Immediately downloadable from interactive map tool.
		Usability	True	Users can choose the file type of their download.
DT.Mari.NS053-EMODnet Physics Portal	Considered	Contribution	True	Some data may be useful for connectivity part of the challenge such as sea water temperature, salinity, water currents, turbidity, wind speed and direction.
NSC-002-Mari		Location	Null	Data are from point locations from platforms, data would somehow need to be combined to cover the study area.
		Commercial	True	Data can be freely downloaded from the portal.
		Attributes	False	Metadata does not appear to be provided with some data sets. Dataset may not be at right level of precision to solve the challenge.
		Delivery	True	Immediately downloadable via interactive web tool.
		Usability	True	Data in various formats but generally very usable.
DT.Mari.NS054-EMODnet Human Activities Portal	Considered	Contribution	True	Data from EEA may be visually useful as has been filtered for maritime areas from the EEA dataset (provided above). Not downloadable however, only gives link to EEA Natura site.
NSC-002-Mari		Location	Null	Data are available for study area. Unknown if up-to-date.
		Commercial	True	Data can be freely downloaded from the portal but users must fill in details before downloading. However, these can be accessed directly from the EEA site anyway.
		Attributes	Null	Metadata is provided with the dataset, via the EEA. Actual downloadable data is not filtered for marine areas.
		Delivery	True	Immediately downloadable via EEA and viewable on interactive map.
		Usability	True	Interactive map easily usable,downloadable data is GIS/database format.

DT.Mari.NS055-French Marine Natura 2000 Designation Information	NotConsidered	Contribution	False	Link expired
NSC-002-Mari		Location	Null	n/a
		Commercial	Null	n/a
		Attributes	Null	n/a
		Delivery	Null	n/a
		Usability	Null	n/a
DT.Mari.NS056-French Marine Natura 2000 Designation Plan	Suitable	Contribution	True	Useful for information and helped direct searches.
NSC-002-Mari		Location	True	Just for information.
		Commercial	True	Just for information.
		Attributes	True	Just for information.
		Delivery	True	Just for information.
		Usability	True	Just for information.
DT.Mari.NS057-French Marine Sites: Various Protection Measures	Suitable	Contribution	True	Useful for information and helped direct searches.
NSC-002-Mari		Location	True	Just for information.
		Commercial	True	Just for information.
		Attributes	True	Just for information.
		Delivery	True	Just for information.
		Usability	True	Just for information.
DT.Mari.NS058-French Marine Natura 2000 Designation Information (Beyond Territorial)	Suitable	Contribution	True	Useful for information and helped direct searches.
NSC-002-Mari		Location	True	Just for information.
		Commercial	True	Just for information.
		Attributes	True	Just for information.
		Delivery	True	Just for information.
		Usability	True	Just for information.
DT.Mari.NS060-AAMP: Information on French marine data collection programme.	Used	Contribution	True	Provided links to information for individual sites.
NSC-002-Mari		Location	True	French specific information.
		Commercial	True	Free to view online
		Attributes	True	Just for information
		Delivery	True	Immediately available.
		Usability	True	Weblink.
DT.Mari.NS061-French Protected Areas Online Interactive Map	Suitable	Contribution	True	Useful when needing to identify if French MPAs are in NSCP basin boundary. Does not have associated information on drop down menus like other online map tools included in this spreadhseet, so not considered to be as useful.
NSC-002-Mari		Location	True	Temporal coverage only up to 2013 but most uptodate dataset we have.
		Commercial	True	Free - viewable on web tool.
		Attributes	True	At correct resolution for challenge in terms of location anyway.
		Delivery	True	Immediately viewable on web tool.
		Usability	True	Easily usable interactive map.
DT.Mari.NS062-French Georeferenced data on Marine Habitats	Used	Contribution	True	Georeferenced data on marine habitats and metadata, associated maps in marine Natura 2000 sites and marine parks.
NSC-002-Mari		Location	True	French MPA specific.
		Commercial	True	Freely downloadable from tool.
		Attributes	True	At correct resolution for the challenge.
		Delivery	True	Immediately available.
		Usability	True	Download format is ESRI shapefile, MapInfo tab file or kml, data unprojected in WGS84.
DT.Mari.NS063-Information & Contacts: Implementation of MSFD in France	Suitable	Contribution	True	Useful for information of the various relevant management agencies.
NSC-002-Mari		Location	True	French specific information.
		Commercial	True	Free to view online
		Attributes	True	Just for information
		Delivery	True	Immediately available.
		Usability	True	Weblink.

DT.Mari.NS064-French Protected Areas Online Interactive Map via AAMP	Suitable	Contribution	True	Useful when needing to identify if French MPAs are in NSCP basin boundary. Does have associated information on drop down menus, such as designation status.
NSC-002-Mari		Location	True	Presumed to be up to date.
		Commercial	True	Free - viewable on web tool.
		Attributes	True	At correct resolution for challenge in terms of location anyway.
		Delivery	True	Immediately viewable on web tool.
		Usability	True	Easily usable interactive map. Web viewer with good options for selecting a range of physical and administrative data for download on a layer by layer basis.
DT.Mari.NS065-French Natura 2000 Marine Site Implementation Information (AAMP)	Suitable	Contribution	True	Yes, there was information about impact assessments and also some information on compliance with measures which pointed to legal basis for action.
NSC-002-Mari		Location	True	French specific information.
		Commercial	True	Free to view online
		Attributes	True	Just for information
		Delivery	True	Immediately available.
		Usability	True	Weblink.
DT.Mari.NS066-French Natura 2000 site GIS layers	NotConsidered	Contribution	False	May be useful when adding French MPAs specifically to database/map, good when updating nationally designated MPAs to lists such as OSPAR but dataset became redundant as dataset 62 was used on web map.
NSC-002-Mari		Location	True	Appears to be regularly updated.
		Commercial	True	Free - downloadable from website.
		Attributes	False	Unknown if data types were useful.
		Delivery	True	Immediately downloadable shape files from webiste.
		Usability	True	.shp files available, also .prj etc. Readable if user has GIS software.
DT.Mari.NS067-UK Natural England GIS Datasets	Used	Contribution	True	Useful for official UK MPA list.
NSC-002-Mari		Location	True	Tempral resolution is up to date for 2015.
		Commercial	True	Free but users must register and accept terms of use agreements before downloading.
		Attributes	True	At correct resolution for UK list
		Delivery	True	Datasets immediately downloadable.
		Usability	True	.shp files available, readable if user has GIS software.
DT.Mari.NS068-Norwegian Environment Agnecy Naturebase Info	Null	Contribution	True	Just for information
NSC-002-Mari		Location	Null	Just for information
		Commercial	Null	Just for information
		Attributes	Null	Just for information
		Delivery	Null	Just for information
		Usability	Null	Just for information
DT.Mari.NS069-Norwegian Environment Agnecy Naturebase Data	Used	Contribution	True	Protected area boundaries could be downloaded from site.
NSC-002-Mari		Location	True	Only a few datasets will be included in the project boundary but can remove these.
		Commercial	True	Free but users have to state purpose for which they are going to use the data and give name and organisation. Users have to place an order, comes within a matter of minutes but folder was empty for two tested areas.
		Attributes	True	Need to choose datasets that are within the project boundary . Data in local UTM Zone 33N projection.
		Delivery	True	Data available for immediate download.
		Usability	True	Data available in several formats, including ESRI shapefile. Clear and well laid out site for accessing data.
DT.Mari.NS070-Norwegian Environment Agnecy Naturebase Datasets page	Null	Contribution	Null	Just for information
NSC-002-Mari		Location	Null	Just for information
		Commercial	Null	Just for information
		Attributes	Null	Just for information
		Delivery	Null	Just for information
		Usability	Null	Just for information
DT.Mari.NS071-Norwegian Environment Agnecy: First 36 Marine Areas Dataset	Used	Contribution	True	Provides shapefiles for Norway's MPAs that are in progress and not in progress.

NSC-002-Mari		Location	True	Assumed to be the most up to date shapefiles. Area specifically represents Norway so very useful.
		Commercial	True	Free.
		Attributes	True	Appears to be at correct precision for challenge. Metadata link in available on download page. Data in local UTM Zone 33N projection.
		Delivery	True	Immediately downloadale from link at bottom of the page.
		Usability	True	Data available in several formats, including ESRI shapefile. Clear and well laid out site for accessing data.
DT.Mari.NS072-Norwegian Environment Agnecy Naturebase: MPAs	Used	Contribution	True	Provides shapefiles for Norway's MPAs that are in progress and not in progress.
NSC-002-Mari		Location	True	Assumed to be the most up to date shapefiles. Area specifically represents Norway so very useful.
		Commercial	True	Free.
		Attributes	True	Appears to be at correct precision for challenge. Data in local UTM Zone 33N projection.
		Delivery	True	Immediately downloadale from link.
		Usability	True	Data available in several formats, including ESRI shapefile. Clear and well laid out site for accessing data.
DT.Mari.NS073-Norwegian Environment Agnecy Naturebase: Marine Protection Plan	Suitable	Contribution	True	Just for information
NSC-002-Mari		Location	Null	Just for information
		Commercial	Null	Just for information
		Attributes	Null	Just for information
		Delivery	Null	Just for information
		Usability	Null	Just for information
DT.Mari.NS074-Belgian MUMM: Marine Management Data	NotConsidered	Contribution	False	Data is offline.
NSC-002-Mari		Location	Null	n/a
		Commercial	Null	n/a
		Attributes	Null	n/a
		Delivery	Null	n/a
		Usability	Null	n/a
DT.Mari.NS075-Belgian MPA International Framework Report	NotConsidered	Contribution	False	Did not provide useful information
NSC-002-Mari		Location	Null	n/a
		Commercial	Null	n/a
		Attributes	Null	n/a
		Delivery	Null	n/a
		Usability	Null	n/a
DT.Mari.NS076-Belgian Interactive Coastal Map: Downloadable GIS files.	Suitable	Contribution	True	Provides geo data for Belgium's MPAs.
NSC-002-Mari		Location	True	Specific to Belgium, presumably up to date.
		Commercial	True	Free to download from inteactive map tool.
		Attributes	True	Provides size and names of MPAs, Natura 2000 codes. At correct prcision for challenge.
		Delivery	True	Immediatley available.
		Usability	True	Downloadable .shp files, readable on GIS systems.
DT.Mari.NS077-Netherlands Information About MPAs	Used	Contribution	True	Useful in getting information for management measures and legislative instruments for Danish MPAs.
NSC-002-Mari		Location	True	Netherlands specific, up to date.
		Commercial	True	Free weblink
		Attributes	True	Just for information.
		Delivery	Null	Just information
		Usability	True	Website
DT.Mari.NS078-Norwegian Interactive Map: Marine Biodiversity Data	Considered	Contribution	True	May provide habitats and species distributions
NSC-002-Mari		Location	True	Norway specific. Presumably up-to-date.
		Commercial	True	Free to download.
		Attributes	False	Not specific to MPAs of Norway.
		Delivery	True	Immediately downloadable.

		Usability	False	Complicated to get layers to show in GIS. Not immediately obvious. Have to right click on the layer >> select layer properties >> copy the data link >> open in GIS programme. Note that this is an xml file so might need to be pasted into Notepad first before adding to GIS programme.
DT.Mari.NS079-Netherlands Basic Map Viewer	NotConsidered	Contribution	False	Does not appear to show marine specific data.
NSC-002-Mari		Location	Null	n/a
		Commercial	Null	n/a
		Attributes	Null	n/a
		Delivery	Null	n/a
		Usability	Null	n/a
DT.Mari.NS080-Netherlands Biogeographical Data Viewer	NotConsidered	Contribution	False	Viewable data on maps but not downloadable.
NSC-002-Mari		Location	Null	
		Commercial	Null	
		Attributes	Null	
		Delivery	Null	
		Usability	Null	
DT.Mari.NS081-Netherlands Marine Management Information	Suitable	Contribution	True	General Useful info on the national implementation of MSFD.
NSC-002-Mari		Location	True	Netherlands specific, up to date.
		Commercial	True	Free to view
		Attributes	True	At correct resolution to contribute to solving the challenge.
		Delivery	True	Immediately viewable info
		Usability	True	Website
DT.Mari.NS082-Wadden Sea (Denmark, Germany, Netherlands) Information	NotConsidered	Contribution	False	Link did not work.
NSC-002-Mari		Location	Null	n/a
		Commercial	Null	n/a
		Attributes	Null	n/a
		Delivery	Null	n/a
		Usability	Null	n/a
DT.Mari.NS083-Wadden Sea Information: 2010 Plan	Used	Contribution	True	Very useful information on the implementation and the cooperation between the three countries towards the management of the Conservation area.
NSC-002-Mari		Location	True	MPA specific, up to date.
		Commercial	True	Free to view
		Attributes	True	At correct resolution to contribute to solving the challenge.
		Delivery	True	Immediately viewable info
		Usability	True	Website
DT.Mari.NS084-Federal Agency for Nature Conservation (BFN): Interactive Protected Area Map	Considered	Contribution	True	Viewable data on maps but not downloadable, although clicking on MPAs provide links to website with useful species and habitat information.
NSC-002-Mari		Location	True	Germany specific, presumably up-to-date.
		Commercial	True	Free to view
		Attributes	False	Not downloadable.
		Delivery	True	Immediately viewable.
		Usability	True	Easily usable but in German.
DT.Mari.NS085-German North Sea Natura 2000 Site Map	NotConsidered	Contribution	False	Viewable information on German Natura 2000 marine sites but not downloadable.
NSC-002-Mari		Location	Null	n/a
		Commercial	Null	n/a
		Attributes	Null	n/a
		Delivery	Null	n/a
		Usability	Null	n/a
DT.Mari.NS086-German Natura 2000 Sites Information	Used	Contribution	True	Useful for finding management information.
NSC-002-Mari		Location	True	Germany specific, presumably up-to-date.
		Commercial	True	Free to view
		Attributes	True	At correct resolution to contribute to solving the challenge.
		Delivery	True	Immediately viewable info
		Usability	True	Website
DT.Mari.NS087-German Natura 2000 Sites Designation Information	Used	Contribution	True	Useful for finding management information.

NSC-002-Mari		Location	True	Germany specific, presumably up-to-date.
		Commercial	True	Free to view
		Attributes	True	At correct resolution to contribute to solving the challenge.
		Delivery	True	Immediately viewable info
		Usability	True	Website
DT.Mari.NS088-German North Sea Natura 2000 Sites Designation Information	Used	Contribution	True	Useful for finding management information.
NSC-002-Mari		Location	True	Germany specific, presumably up-to-date.
		Commercial	True	Free to view
		Attributes	True	At correct resolution to contribute to solving the challenge.
		Delivery	True	Immediately viewable info
		Usability	True	Website
DT.Mari.NS089-Swedish Environmental Protection Agency Interactive Protected Sites Map	Considered	Contribution	True	Viewable data on maps but not downloadable, although clicking on MPAs provide links to website with useful species and habitat information.
NSC-002-Mari		Location	True	Sweden specific, presumably up-to-date.
		Commercial	True	Free to view
		Attributes	False	Not downlaodable.
		Delivery	True	Immediatley viewable.
		Usability	True	Easily usable interactive map.
DT.Mari.NS090-Swedish Geodata Interactive Map Portal	Suitable	Contribution	True	Downloadable .shp files, readable on GIS systems, for Sweden's Natura 2000 SCIs and SPAs. Will be used to see if same as the Natura 2000 shapefiles from the EEA.
NSC-002-Mari		Location	True	Sweden specific, presumably up-to-date.
		Commercial	True	Free to download from Geoportal.
		Attributes	True	Metadata available. At correct resolution to contribute to solving the challenge.
		Delivery	True	Immediatley available when download button is clicked.
		Usability	True	Users are prompted to read the instructions before they use the geoportal to download data, then download is easy. Search criteria included 'Natura 2000'.
DT.Mari.NS091-Swedish Regulation of Fishing in MPAs report.	Suitable	Contribution	True	Useful when finding management information for Swedish MPAs.
NSC-002-Mari		Location	True	Just information
		Commercial	True	Just information
		Attributes	True	Just information
		Delivery	True	Just information
		Usability	True	Just information
DT.Mari.NS095-Danish Nature Agency Natura 2000 Sites GIS data	Considered	Contribution	True	Downloadable .shp files, readable on GIS systems, for Denmark's Natura 2000 sites. Will be used to see if same as the Natura 2000 shapefiles from the EEA.
NSC-002-Mari		Location	True	Denmark specific, presumably up-to-date.
		Commercial	True	Free to download but users have to register.
		Attributes	True	At correct resolution to contribute to solving the challenge.
		Delivery	True	Users have to regsiter but data is then delivered immediatley.
		Usability	True	.shp files readable in GIS software.
DT.Mari.NS096-Swedish List of National Marine Reserves	Considered	Contribution	True	Lists national MPAs with information relating to whether sites are Natura 2000 sites and links to other pages detailing regulations at provincial level.
NSC-002-Mari		Location	True	Swedish national MPA information provided.
		Commercial	True	Free to view
		Attributes	True	At correct resolution to contribute to solving the challenge.
		Delivery	True	Immediatley viewable
		Usability	True	User friendly links.
DT.Mari.NS094-UK MCZ designation update	Suitable	Contribution	True	Updates of plans for designation of UK MCZs. Useful for management information
NSC-002-Mari		Location	True	UK national MPA information provided.
		Commercial	True	Free to view
		Attributes	True	At correct resolution for UK part of the challenge.
		Delivery	True	Immediatley viewable
		Usability	True	Pdf information.
DT.Mari.NS095-OSPAR habitats distrubution GIS files	NotConsidered	Contribution	False	Just useful for identying habitats.
NSC-002-Mari		Location	Null	n/a
		Commercial	Null	n/a
		Attributes	Null	n/a

		Delivery	Null	n/a
		Usability	Null	n/a
DT.Mari.NS096-DASSH UK Marine Species Data Archive	NotConsidered	Contribution	False	Larval data was not found for the species listed in the MPA sites relevant to this study.
NSC-002-Mari		Location	Null	n/a
		Commercial	Null	n/a
		Attributes	Null	n/a
		Delivery	Null	n/a
		Usability	Null	n/a
DT.Mari.NS097-Marlin UK Marine Species Data Archive	NotConsidered	Contribution	False	Larval data was not found for the species listed in the MPA sites relevant to this study. However, it must be noted that MarLIN information is widely cited in peer reviewed journals, reports and conference papers and MarLIN information and sensitivity reviews form the basis of much of the advice currently in use for SACs, MCZs and marine plans.
NSC-002-Mari		Location	Null	n/a
		Commercial	Null	n/a
		Attributes	Null	n/a
		Delivery	Null	n/a
		Usability	Null	n/a
DT.Mari.NS098-ESDM UK Marine Species Database: Data gateway	NotConsidered	Contribution	False	Larval data was not found for the species listed in the MPA sites relevant to this study. However, species distribution data is available and may be useful for more in-depth MPA analysis.
NSC-002-Mari		Location	Null	n/a
		Commercial	Null	n/a
		Attributes	Null	n/a
		Delivery	Null	n/a
		Usability	Null	n/a
DT.Mari.NS099-Belgian Birds Directive Information	Used	Contribution	True	Useful information link to include on drop down menu on the interactive map. Provides info on the implementation of the Birds Directive for the specific national MPA.
NSC-002-Mari		Location	True	Specific to Belgium, presumably up to date.
		Commercial	True	Information free to view.
		Attributes	True	Site specific information so at correct precision level for challenge.
		Delivery	True	Immediately available.
		Usability	True	Easily viewable on website.
DT.Mari.NS100-Belgian Royal Decree for the creation of protected areas	Suitable	Contribution	True	Useful information link to framework surrounding conservation measures at protected sites in Belgium.
NSC-002-Mari		Location	True	Specific to Belgium, presumably up to date.
		Commercial	True	Information free to view.
		Attributes	True	Country specific information so at correct precision level for challenge.
		Delivery	True	Immediately available.
		Usability	True	Easily viewable on website.
DT.Mari.NS101-Belgian Habitats Directive Information	Used	Contribution	True	Useful information link to include on drop down menu on the interactive map. Provides info on the implementation of the Birds Directive for the specific national MPA.
NSC-002-Mari		Location	True	Specific to Belgium, presumably up to date.
		Commercial	True	Information free to view.
		Attributes	True	Site specific information so at correct precision level for challenge.
		Delivery	True	Immediately available.
		Usability	True	Easily viewable on website.
DT.Mari.NS102-Germany Schleswig-Holstein Wadden Sea National Park Information	Used	Contribution	True	Useful information link on which bodies manage this MPA which can be added to the interactive map.
NSC-002-Mari		Location	True	Specific to German MPA.
		Commercial	True	Information free to view.
		Attributes	True	Site specific information so at correct precision level for challenge.
		Delivery	True	Immediately available.
		Usability	True	Easily viewable on website.
DT.Mari.NS103-German Dogger Bank MPA Site Information	Used	Contribution	True	Useful information provided includes conservation objectives set for site and which body manages it. Includes links to standard data forms and official conservation objectives.
NSC-002-Mari		Location	True	Specific to German MPA.
		Commercial	True	Information free to view.
		Attributes	True	Site specific information so at correct precision level for challenge.

		Delivery	True	Immediately available.
		Usability	True	Easily viewable on website.
DT.Mari.NS104-German Sylter Aussenriff / Oestliche Deutsche Bucht MPA Site Information	Used	Contribution	True	Useful information provided includes conservation objectives set for site and which body manages it. Includes links to standard data forms and official conservation oppjectives.
NSC-002-Mari		Location	True	Specific to German MPA.
		Commercial	True	Information free to view.
		Attributes	True	Site specific information so at correct precision level for challenge.
		Delivery	True	Immediately available.
		Usability	True	Easily viewable on website.
DT.Mari.NS105-German Seevogelschutzgebiet Helgoland MPA Site Information	Used	Contribution	True	Useful information provided includes conservation objectives set for site and which body manages it. Includes links to standard data forms and official conservation oppjectives.
NSC-002-Mari		Location	True	Specific to German MPA.
		Commercial	True	Information free to view.
		Attributes	True	Site specific information so at correct precision level for challenge.
		Delivery	True	Immediately available.
		Usability	True	Easily viewable on website.
DT.Mari.NS106-German Borkum-Riffgrund MPA Site Information	Used	Contribution	True	Useful information provided includes conservation objectives set for site and which body manages it. Includes links to standard data forms and official conservation oppjectives.
NSC-002-Mari		Location	True	Specific to German MPA.
		Commercial	True	Information free to view.
		Attributes	True	Site specific information so at correct precision level for challenge.
		Delivery	True	Immediately available.
		Usability	True	Easily viewable on website.
DT.Mari.NS107-EUNIS MPA Site Information Summaries	Used	Contribution	True	Useful information provided can be included in drop down menus on interactive tool.
NSC-002-Mari		Location	True	Information is available for most sites and each site has its own web page.
		Commercial	True	Information free to view.
		Attributes	True	Site specific information so at correct precision level for challenge.
		Delivery	True	Immediately available.
		Usability	True	Easily viewable on website.
DT.Mari.NS108-Danish Nature Agency Natura 2000 Marine Plans.	Used	Contribution	True	Useful information provided can be included in drop down menus on interactive tool.
NSC-002-Mari		Location	True	Information is available for Danish Natura 2000 sites.
		Commercial	True	Information free to view.
		Attributes	True	Site specific information so at correct precision level for challenge.
		Delivery	True	Immediately available.
		Usability	True	Easily viewable on website but in Danish. Have to reply on google translating pages to navigate.
DT.Mari.NS109-German National Park Act	Used	Contribution	True	Useful legal and management information provided can be included in drop down menus on interactive tool.
NSC-002-Mari		Location	True	Specific to german national park MPAs.
		Commercial	True	Information free to view.
		Attributes	True	Site specific information so at correct precision level for challenge.
		Delivery	True	Immediately available.
		Usability	True	In German language
DT.Mari.NS110-French law on national parks, marine parks and regional parks.	Used	Contribution	True	Useful legal and management information provided can be included in drop down menus on interactive tool.
NSC-002-Mari		Location	True	Specific to french national park MPAs.
		Commercial	True	Information free to view.
		Attributes	True	Site specific information so at correct precision level for challenge.
		Delivery	True	Immediately available.
		Usability	True	In French language
DT.Mari.NS111-OSPAR MPA Site Information pages	Null	Contribution	False	Useful lbasic information about MPAs but just for information.
NSC-002-Mari		Location	Null	n/a
		Commercial	Null	n/a
		Attributes	Null	n/a
		Delivery	Null	n/a
		Usability	Null	n/a

DT.Mari.NS112-French Iroise national marine park Information	Used	Contribution	True	Useful information provided including link to annual management action plan.
NSC-002-Mari		Location	True	Specific to Frech MPA.
		Commercial	True	Information free to view.
		Attributes	True	Site specific information so at correct precision level for challenge.
		Delivery	True	Immediately available.
		Usability	True	Easily viewable on website.
DT.Mari.NS113-Netherlands Natura 2000 site Information: management plans	Used	Contribution	True	Useful information on management plans provided can be included in drop down menus on interactive tool.
NSC-002-Mari		Location	True	Information is available for Dutch Natura 2000 sites.
		Commercial	True	Information free to view.
		Attributes	True	Site specific information so at correct precision level for challenge.
		Delivery	True	Immediately available.
		Usability	True	Easily viewable on website but in Dutch. Have to rely on google translating pages to navigate.
DT.Mari.NS114-Danish Nature Agency Natura 2000 Legislation Page	Used	Contribution	True	Useful information on legislation relating to Natura 2000 sites provided can be included in drop down menus on interactive tool.
NSC-002-Mari		Location	True	Information is available for Danish Natura 2000 sites.
		Commercial	True	Information free to view.
		Attributes	True	Site specific information so at correct precision level for challenge.
		Delivery	True	Immediately available.
		Usability	True	Easily viewable on website but in Danish. Have to rely on google translating pages to navigate.
DT.Mari.NS115-UK MPA Information Pages	Used	Contribution	True	Useful information on legislation relating to Natura 2000 sites provided can be included in drop down menus on interactive tool.
NSC-002-Mari		Location	True	Information is available for Danish Natura 2000 sites.
		Commercial	True	Information free to view.
		Attributes	True	Site specific information so at correct precision level for challenge.
		Delivery	True	Immediately available.
		Usability	True	Easily viewable on website but in Danish. Have to rely on google translating pages to navigate.
DT.Mari.NS116-RAMSAR sites webviewer & GIS downloads	Used	Contribution	True	Useful information on legislation relating to Natura 2000 sites provided can be included in drop down menus on interactive tool.
NSC-002-Mari		Location	True	No temporal information on data but only data source for RAMSAR sites available so used. Covers whole world and can be edited to our area.
		Commercial	True	Information free to view.
		Attributes	True	Sites correct precision level for challenge. No licence provided with data.
		Delivery	True	Immediately available.
		Usability	True	Download format: ESRI shapefile. Can open in GIS programmes.
DT.Mari.NS117-OSPAR threatened and/or declining habitats GIS data	Used	Contribution	True	Used to conduct connectivity and resilience ecological coherence tests.
		Location	True	Data available for study area. Up to date to 2013 but most up-to-date we have so used.
		Commercial	True	Free
		Attributes	True	At correct resolution for challenge and for assessing ecological coherence tests.
		Delivery	True	Immediately available.
		Usability	True	Download format: ESRI shapefile. Can open in GIS programmes.
DT.Mari.NS118-EUSeaMap Habitat GIS data	Used	Contribution	True	Used to conduct connectivity and resilience ecological coherence tests.
		Location	True	Data available for study area. Up to date to 2 version 201208. Most up to date we have.
		Commercial	True	Free
		Attributes	True	At correct resolution for challenge and for assessing ecological coherence tests.
		Delivery	True	Immediately available.
		Usability	True	Download format: ESRI shapefile. Can open in GIS programmes.
DT.Mari.NS119-Maritime EEZ boundaries (v8) spatial data	Used	Contribution	True	Used as basemap for GIS maps.
		Location	True	Trimmed to study area and is version 8.
		Commercial	True	Free.
		Attributes	True	Correct precision for base file to GIS maps.
		Delivery	True	Immediately available.
		Usability	True	Download format: ESRI shapefile. Can open in GIS programmes.

Challenges

Reference	ProjectID	name	uri	outputs
NSC-000-Lite	NSC-000	Literature Review	http://www.emodnet.net/northsea/challenge/literature	
NSC-001-Wind	NSC-001	Windfarm Siting	http://www.emodnet.net/northsea/challenge/windfarm	
NSC-002-Mari	NSC-002	Marine Protected Areas	http://www.emodnet.net/northsea/challenge/mpa	
NSC-003-Oil	NSC-003	Oil Platform Leaks	http://www.emodnet.net/northsea/challenge/oil	
NSC-004-Clim	NSC-004	Climate and Coastal Protection	http://www.emodnet.net/northsea/challenge/climate	
NSC-005-Fish	NSC-005	Fisheries Management	http://www.emodnet.net/northsea/challenge/fisheries	
NSC-006-Mari	NSC-006	Marine Environment	http://www.emodnet.net/northsea/challenge/environment	
NSC-007-Rive	NSC-007	River Inputs	http://www.emodnet.net/northsea/challenge/river	

unlock:dgmare

InspireClass

- 1.1 Coordinate reference systems
- 1.2 Geographical grid systems
- 1.3 Geographical names
- 1.4 Administrative units
- 1.5 Addresses
- 1.6 Cadastral parcels
- 1.7 Transport networks
- 1.8 Hydrography
- 1.9 Protected sites
- 2.1 Elevation
- 2.2 Land cover
- 2.3 Orthoimagery
- 2.4 Geology
- 3.1 Statistical units
- 3.2 Buildings
- 3.3 Soil
- 3.4 Land use
- 3.5 Human health and safety
- 3.6 Utility and Government services
- 3.7 Environmental monitoring facilities
- 3.8 Production and industrial facilities
- 3.9 Agricultural and aquaculture facilities
- 3.10 Population distribution – demography
- 3.11 Area management / restriction / regulation zones & reporting units
- 3.12 Natural risk zones
- 3.13 Atmospheric conditions
- 3.14 Meteorological geographical features
- 3.15 Oceanographic geographical features
- 3.16 Sea regions
- 3.17 Bio-geographical regions
- 3.18 Habitats and biotopes
- 3.19 Species distribution
- 3.20 Energy resources
- 3.21 Mineral resources

Consideration	ValueCriteriaFlag
Null	Null
NotConsidered	False
Considered	True
Suitable	
Used	
Requirement	TRUE

Value Criteria	
Contribution	TRUE If the data set parameters are useful to solving then callenge, otherwise FALSE
Location	TRUE if the temporal and spatial location of the datasets are relevant to solving the challenge, otherwise FALSE
Commercial	TRUE if the commercial terms (prices, licences) are compatible for solving the challenge, otherwise FALSE. A data does not need to be free to be used, but price proportionate to the challenge
Attributes	TRUE if accuracy, precision and resolution etc. of the data are sufficient to solve the challenge, otherwise FALSE. Note temporal and spatial coverage is dealt with in Location
Delivery	TRUE is the data can be delivered in time to solve the challenge. Otherwise FALSE. Includes continuation of supply
Usability	TRUE if the data can be readily used in systems to solve the challenge. FALSE otherwise. Note condition is normally false when the data is in an obscure or legacy encoding or has a non-intuitive or incorrect data structure.

Note:
If any criteria is unknown then it must be FALSE

Value Criteria Reason	
	The information given for the value Value Criteria Reason should be a sentence that enables the user to understand why the value criteria flag is either true or false. If the VCR contains little or no information then the flag must be FALSE

D. Results of the fine filter replication and representation tests for habitats in the North Sea MPA Network

D: Results of the fine filter replication and representation tests for habitats in the North Sea MPA Network

Habitat	Area in Study Area (km ²)	Area in MPAs (km ²)	% in MPAs	5% in MPAs	10%	20%	30%	40%	Replicates
<i>OSPAR</i>									
Intertidal mudflats	561.3	515.2	91.8	Yes	Yes	Yes	Yes	Yes	28
Intertidal <i>Mytilus edulis</i> beds on mixed and sandy sediments	18.1	16.2	89.6	Yes	Yes	Yes	Yes	Yes	8
Littoral chalk communities	17.0	12.8	75.2	Yes	Yes	Yes	Yes	Yes	8
Maërl beds	56.2	19.9	35.4	Yes	Yes	Yes	Yes	No	2
<i>Modiolus modiolus</i> horse mussel beds	23.9	20.0	83.3	Yes	Yes	Yes	Yes	Yes	2
<i>Sabellaria spinulosa</i> reefs	412.5	222.1	53.8	Yes	Yes	Yes	Yes	Yes	6
Sea-pen and burrowing megafauna communities	797.1	69.2	8.7	Yes	No				4
<i>Zostera</i> beds	282.1	224.2	79.5	Yes	Yes	Yes	Yes	Yes	22
<i>EUSEaMap – EUNIS level 3</i>									
A3.1 - High energy infralittoral rock	3309.4	1110.9	33.6	Yes	Yes	Yes	Yes	No	46
A3.2 - Moderate energy infralittoral rock	3254.1	929.8	28.6	Yes	Yes	Yes	No		60
A3.3 - Low energy infralittoral rock	300.6	27.4	9.1	Yes	No				10
A4.1 - High energy circalittoral rock	2329.1	614.1	26.4	Yes	Yes	Yes	No		32
A4.2 - Moderate energy circalittoral rock	22376.9	2477.8	11.1	Yes	Yes	No			46
A4.3 - Low energy circalittoral rock	9386.0	560.9	6.0	Yes	No				14
A5.1 - Sublittoral coarse sediment	114608.1	14750.0	12.9	Yes	Yes	No			72
A5.2 - Sublittoral sand	379604.4	47155.8	12.4	Yes	Yes	No			73
A5.3 - Sublittoral mud	59682.1	4003.8	6.7	Yes	No				44
A5.4 - Sublittoral mixed sediments	17106.9	2611.7	15.3	Yes	Yes	No			33
A6.1 - Deep-sea rock and artificial hard substrata	1008.5	2.2	0.2	No					1
A6.2 - Deep-sea mixed substrata	4089.6		0.0	No					0
A6.3 or A6.4 - Deep-sea sand or Deep-sea muddy sand	15591.2		0.0	No					0

A6.5 - Deep-sea mud	71945.0	1135.9	1.6	No						3
Deep circalittoral mixed hard sediments	5285.2	7.3	0.1	No						1
Deep circalittoral seabed	4216.5	37.3	0.9	No						12
High energy circalittoral mixed hard sediments	105.0	5.6	5.3	Yes	No					3
High energy circalittoral seabed	741.9	65.1	8.8	Yes	No					17
High energy infralittoral mixed hard sediments	535.6	21.5	4.0	No						4
High energy infralittoral seabed	4284.4	2502.9	58.4	Yes	Yes	Yes	Yes	Yes		40
Low energy circalittoral mixed hard sediments	740.2		0.0	No						0
Low energy circalittoral seabed	729.4	9.7	1.3	No						7
Low energy infralittoral mixed hard sediments	0.3		0.0	No						0
Low energy infralittoral seabed	272.8	49.9	18.3	Yes	Yes	No				5
Mid bathyal coarse sediment	730.6		0.0	No						0
Mid bathyal seabed	1432.0		0.0	No						0
Moderate energy circalittoral mixed hard sediments	3505.0	380.1	10.8	Yes	Yes	No				6
Moderate energy circalittoral seabed	1830.7	108.7	5.9	Yes	No					15
Moderate energy infralittoral mixed hard sediments	489.0	119.8	24.5	Yes	Yes	Yes	No			3
Moderate energy infralittoral seabed	873.5	104.7	12.0	Yes	Yes	No				19
Upper bathyal coarse sediment	3170.5		0.0	No						0
Upper bathyal seabed	714.1		0.0	No						0
Upper slope coarse sediment	8907.1		0.0	No						0
Upper slope mixed hard sediments	3922.5		0.0	No						0
Upper slope seabed	2881.0		0.0	No						0

E. Figures

Figure 1: Designated MPAs in the study area

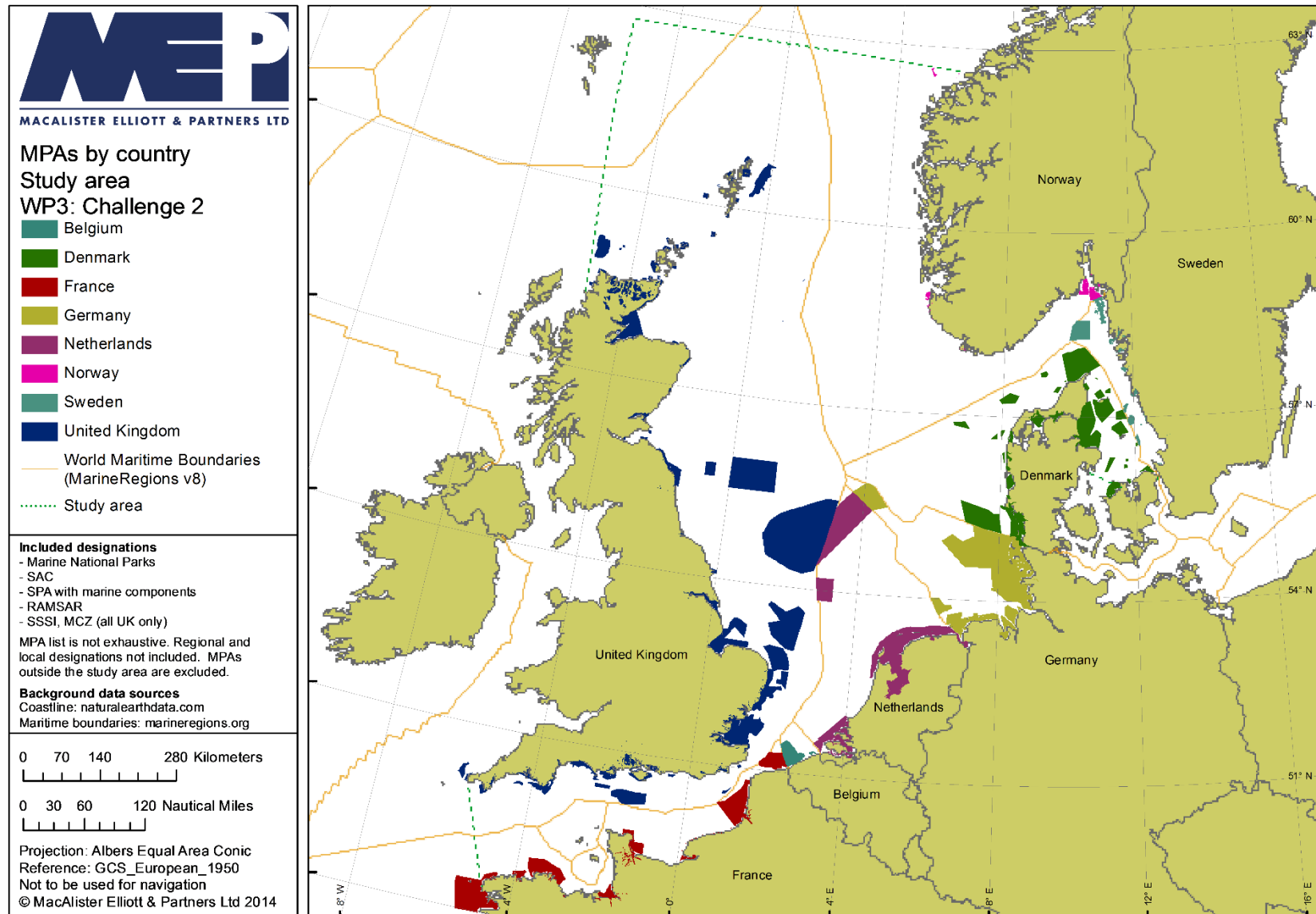


Figure 2: Designated MPAs in the English Channel

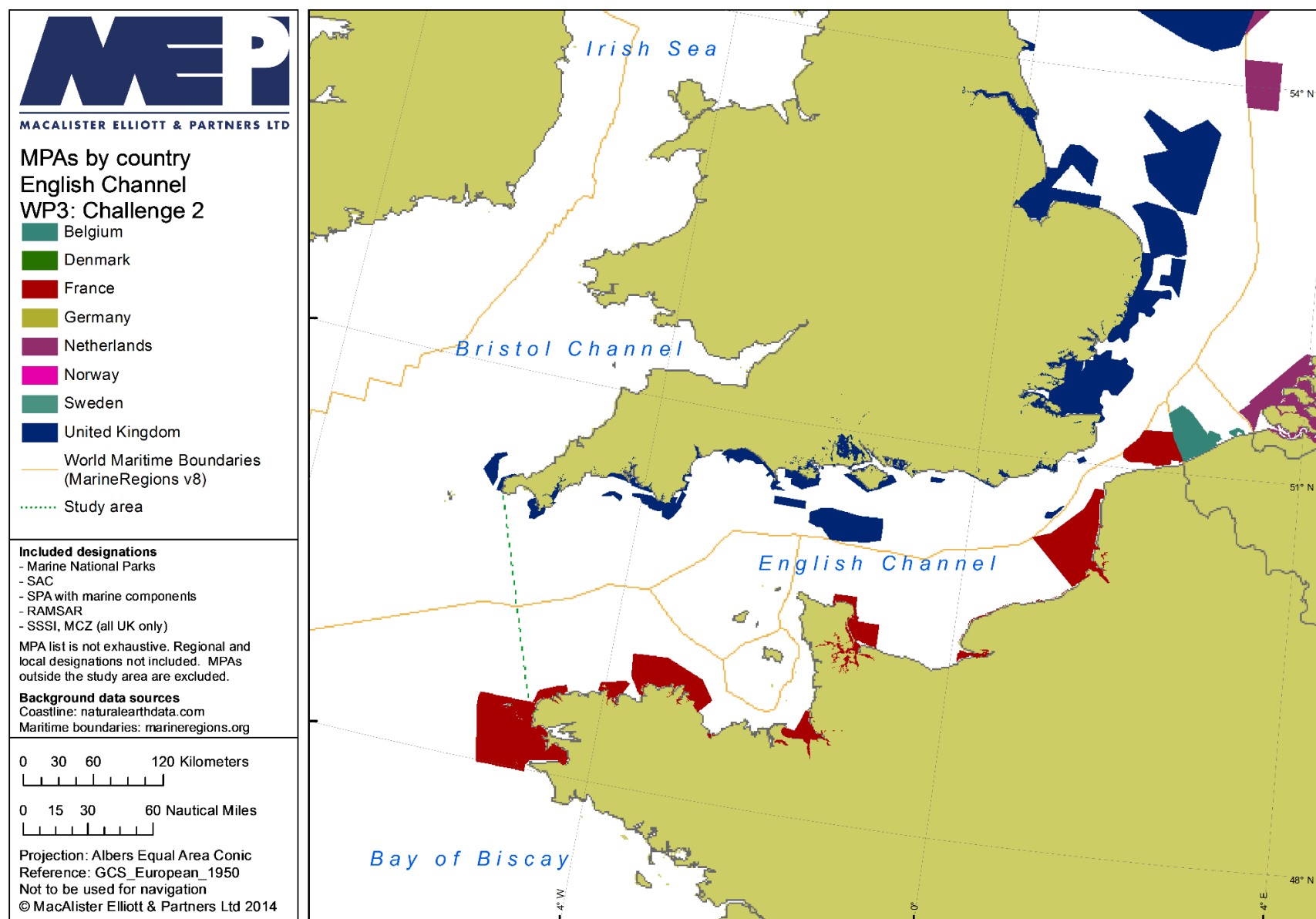


Figure 3: Designated MPAs in the North Sea

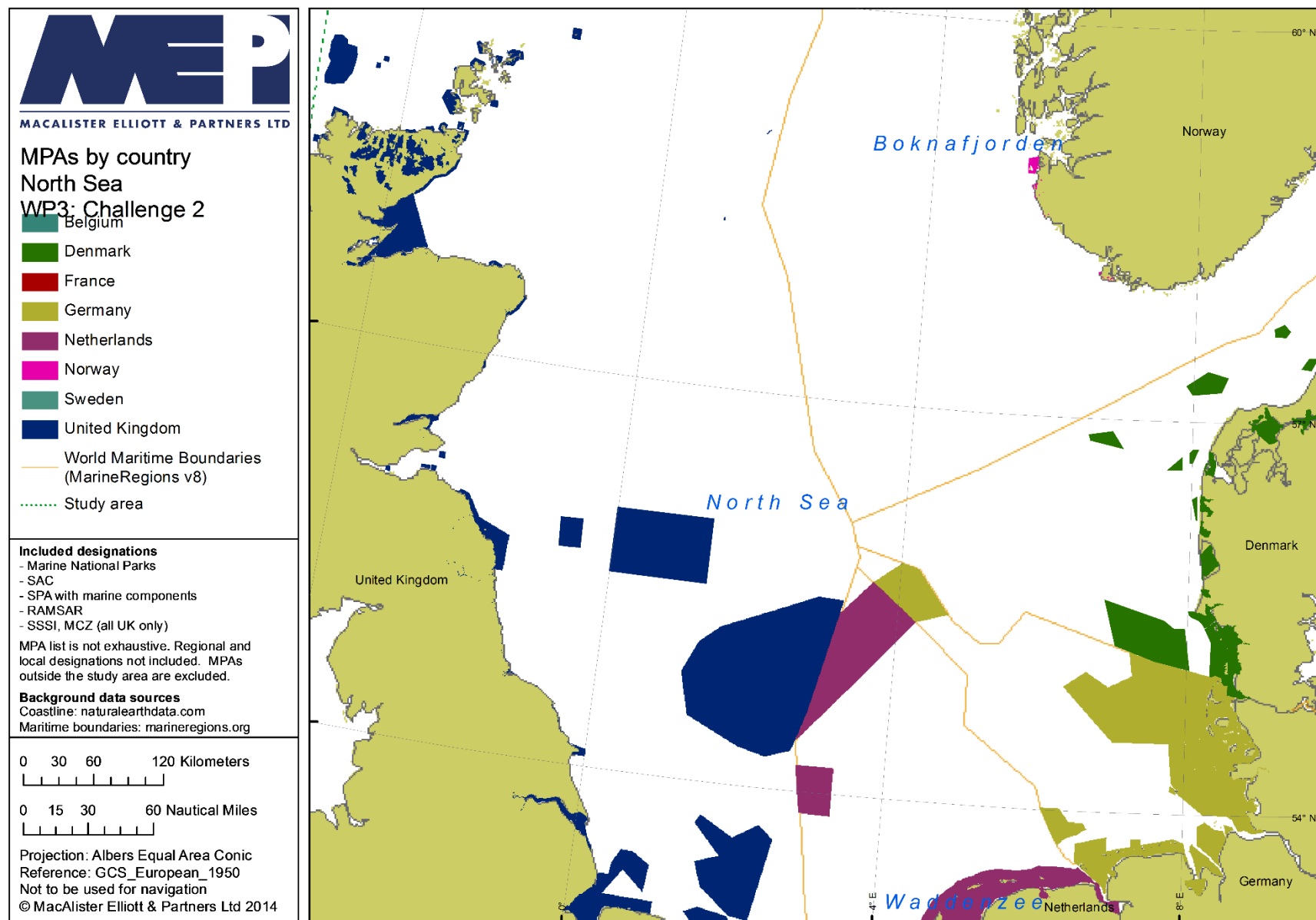


Figure 4: Designated MPAs in the Norwegian Sea

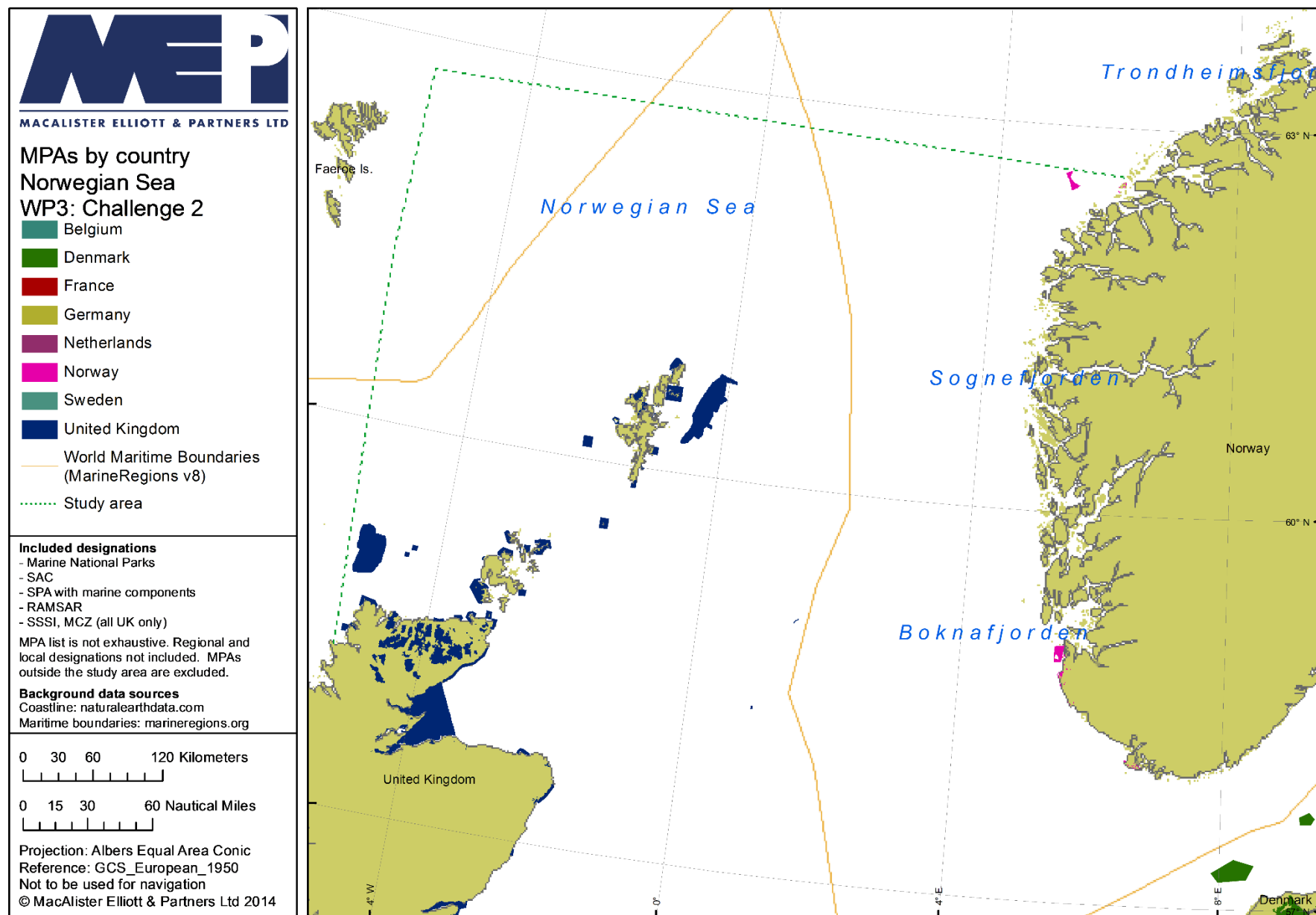


Figure 5: Designated MPAs in Scandinavia

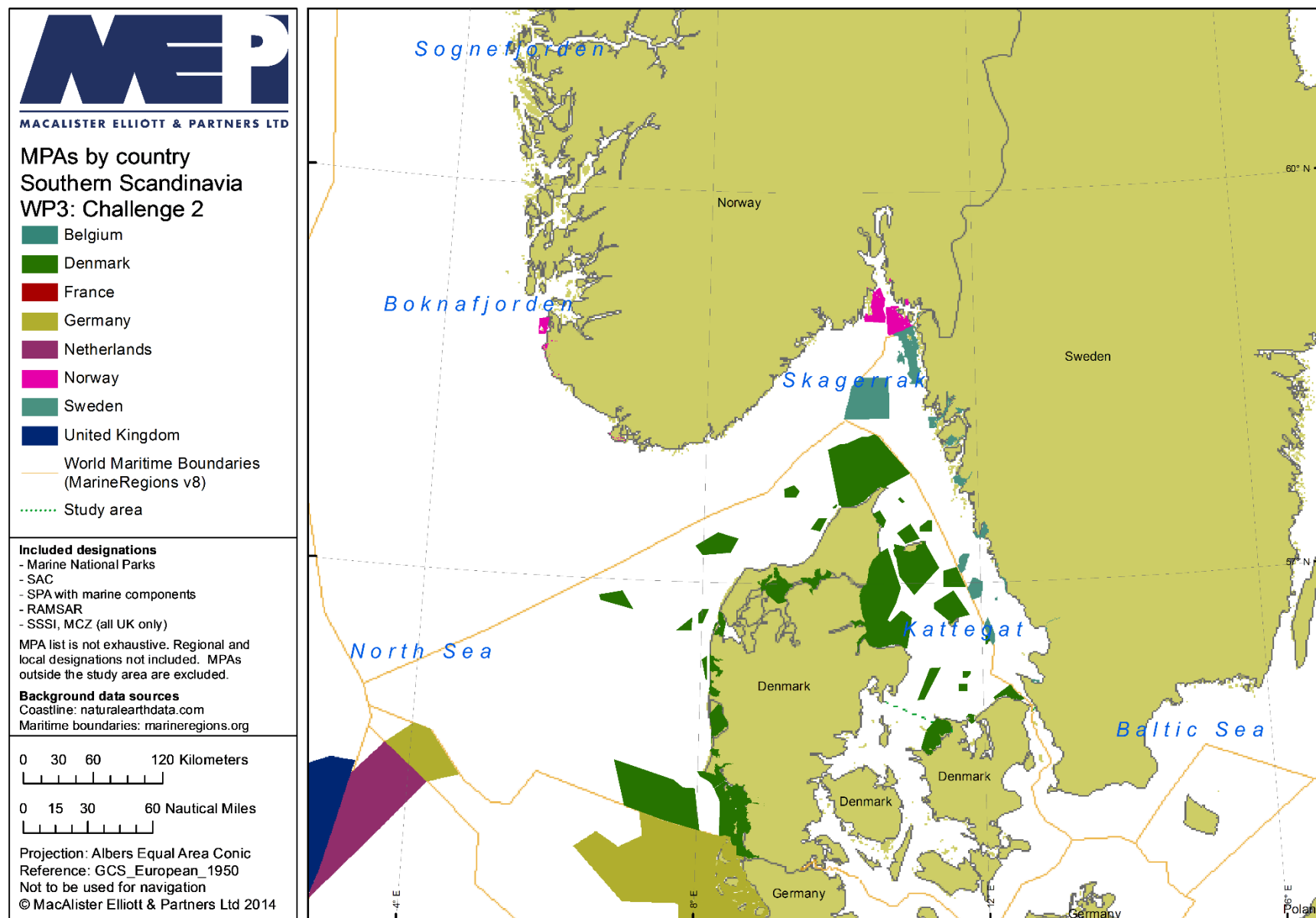


Figure 6: Histogram of MPA sizes in the North Sea MPA network

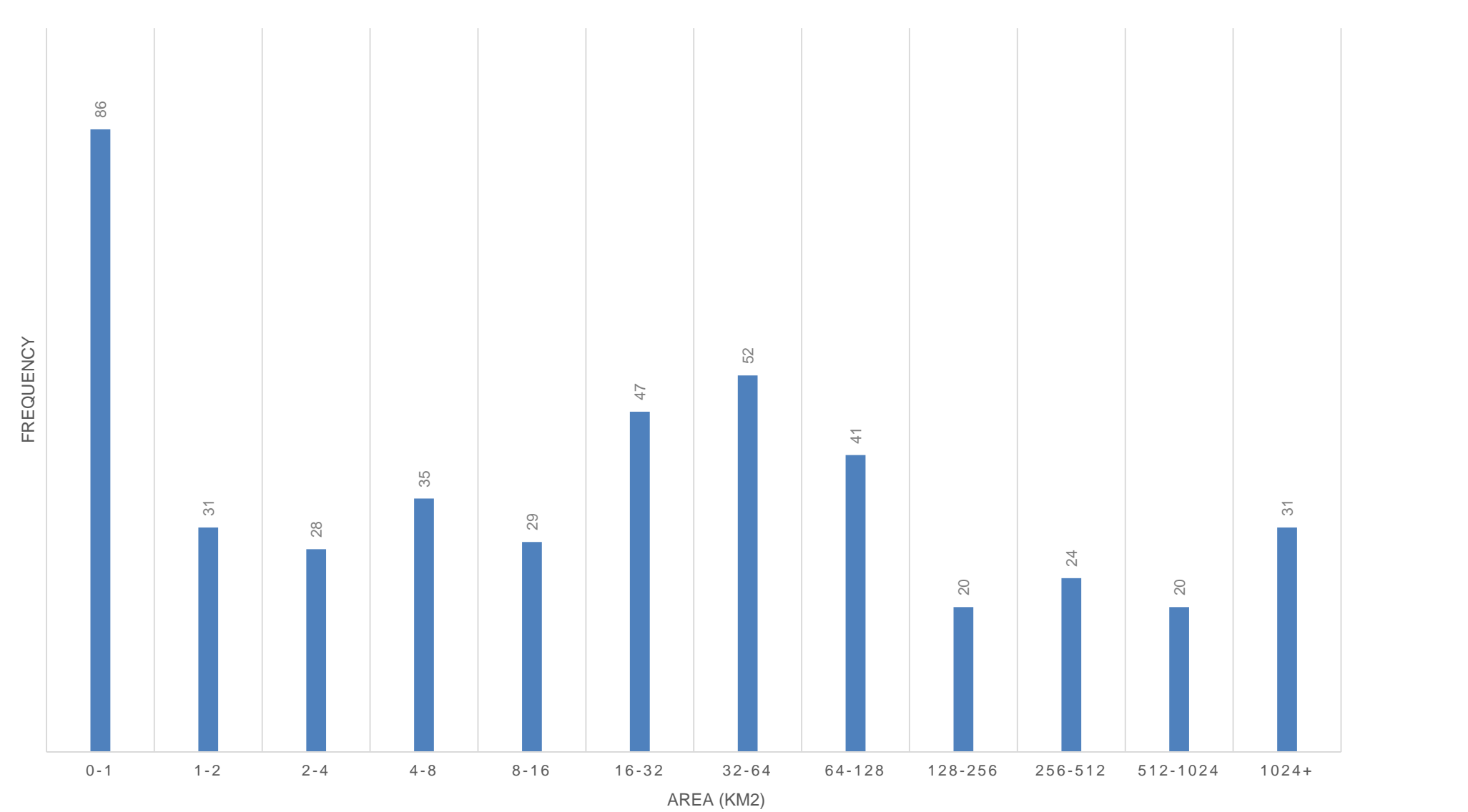


Figure 7: Coarse proximity map for North Sea MPAs: testing connectivity

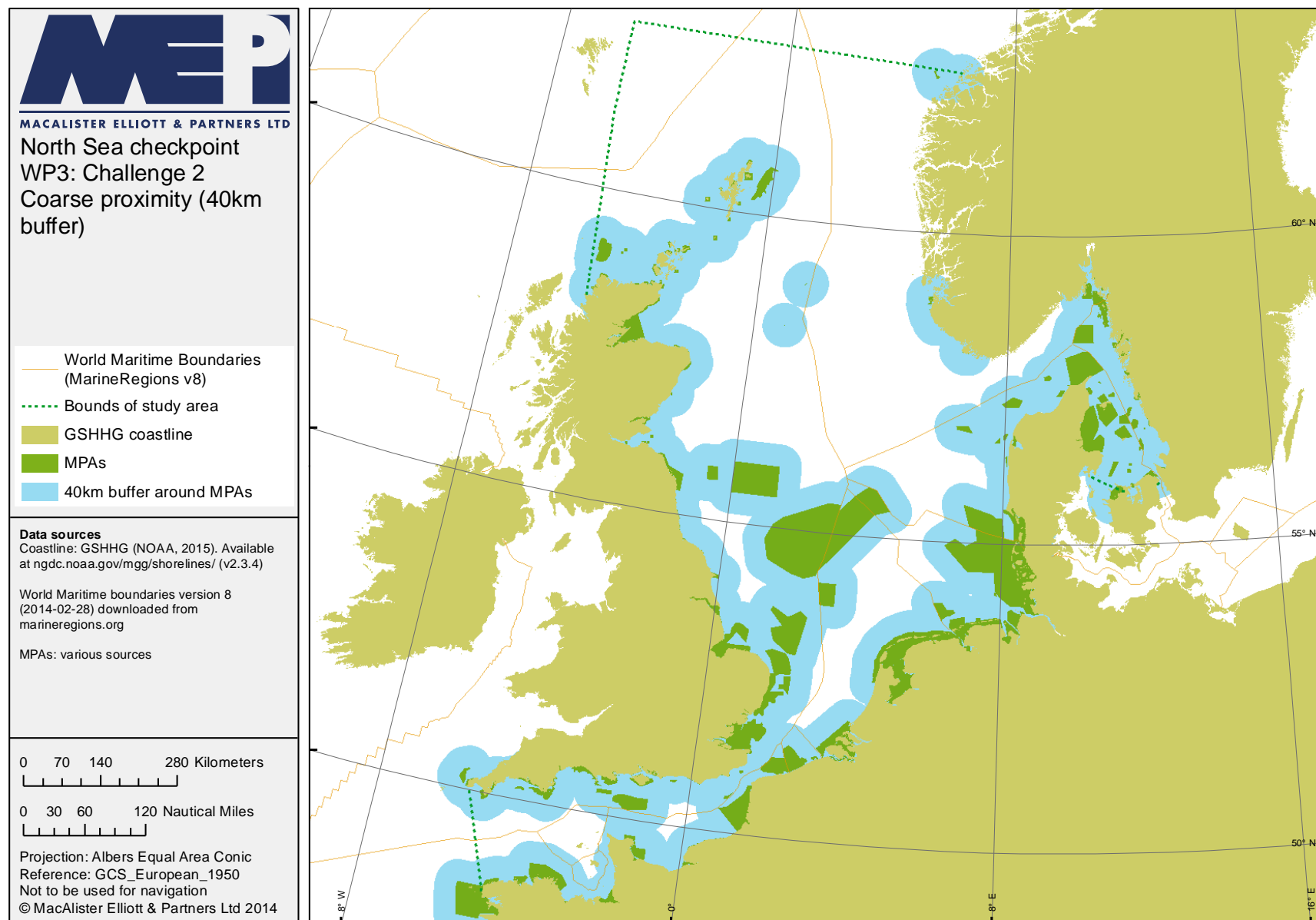


Figure 8: Kernel density proximity map for littoral chalk bed habitat

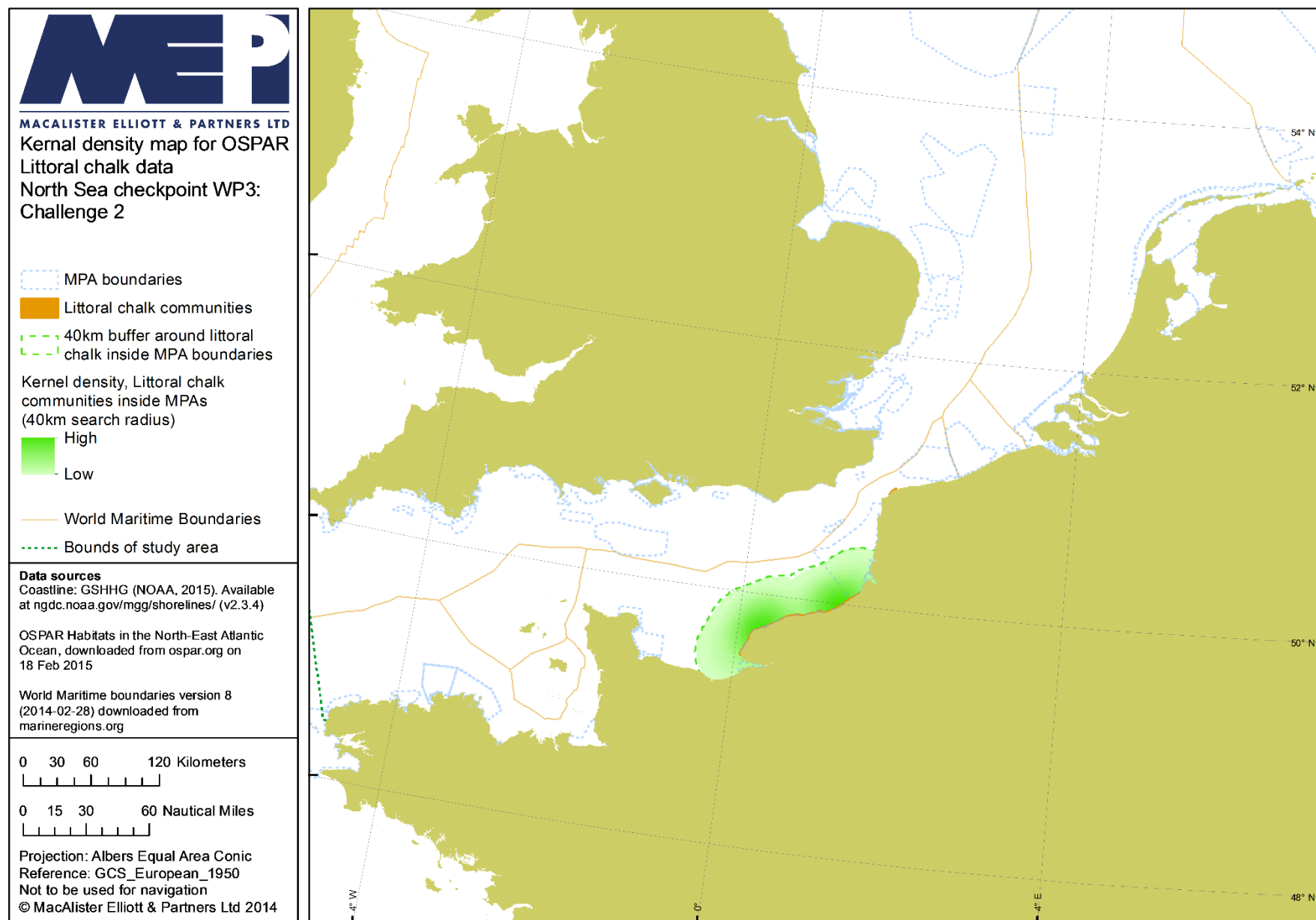


Figure 9: Kernel density proximity map for Maërl bed habitat

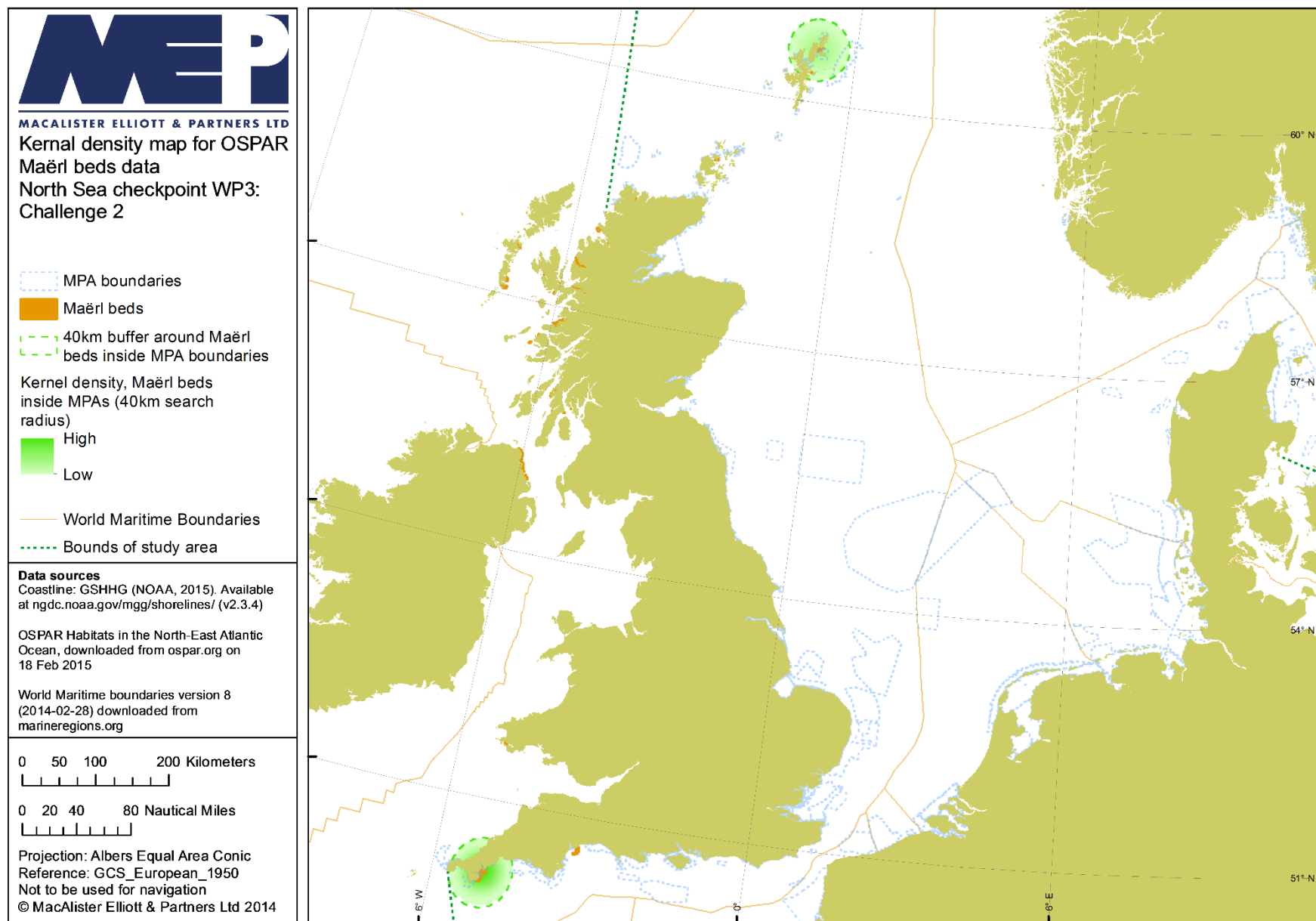


Figure 10: Kernel density proximity map for *Modiolus modiolus* bed habitat

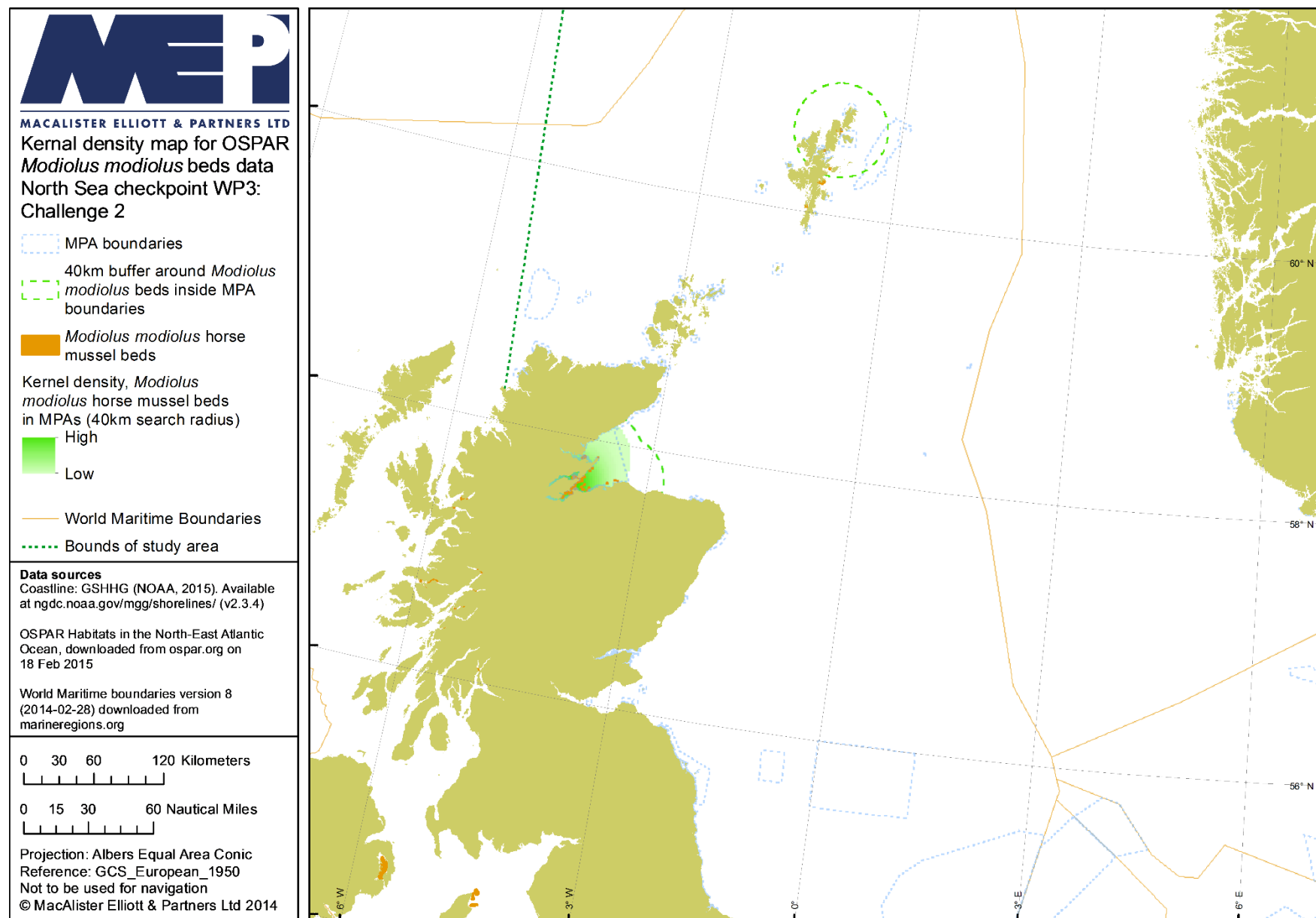


Figure 11: Kernel density proximity map for intertidal mudflat habitat

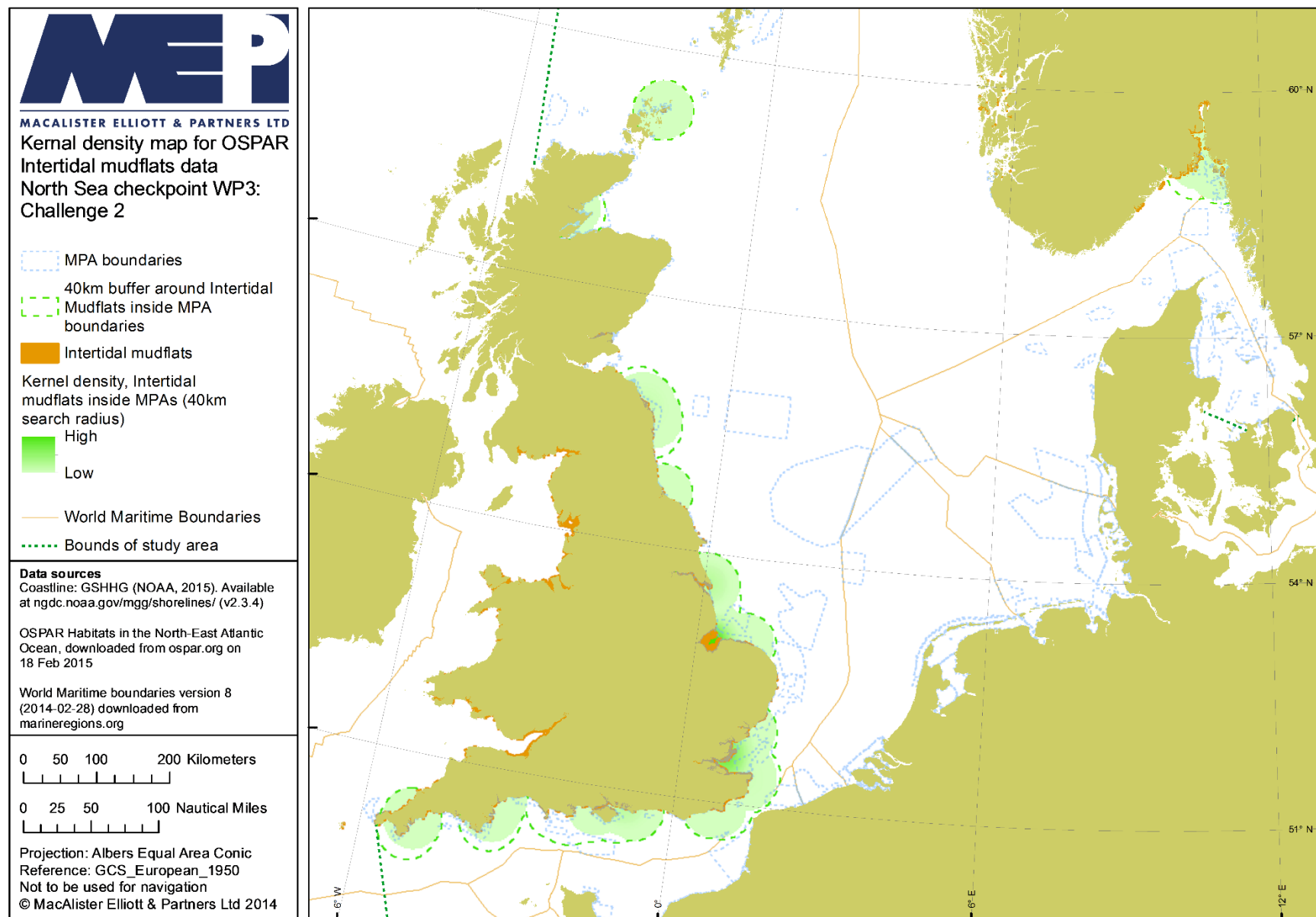


Figure 12: Kernel density proximity map for intertidal *Mytilus edulis* bed habitat

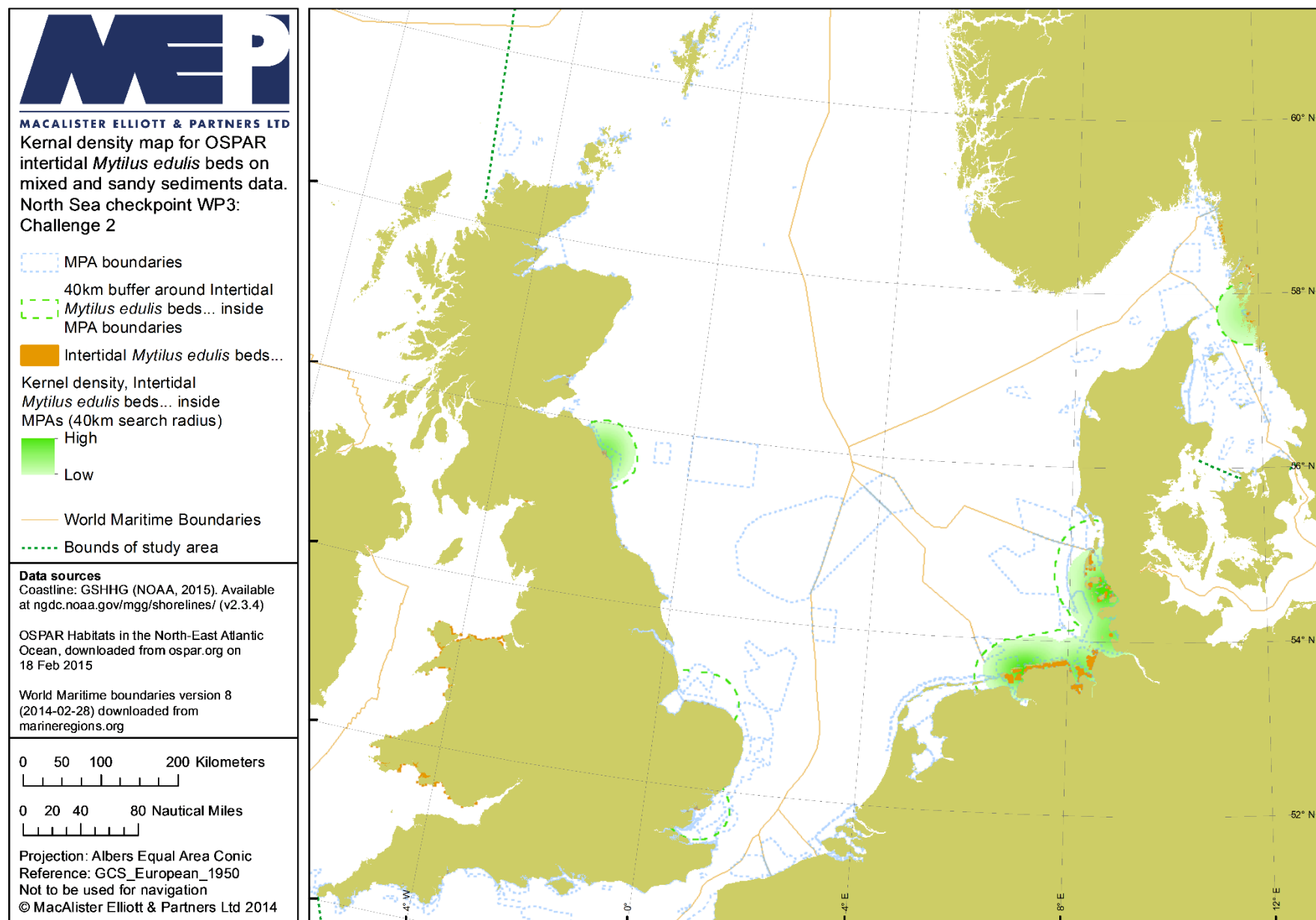


Figure 13: Kernel density proximity map for *Sabellaria spinulosa* reef habitat

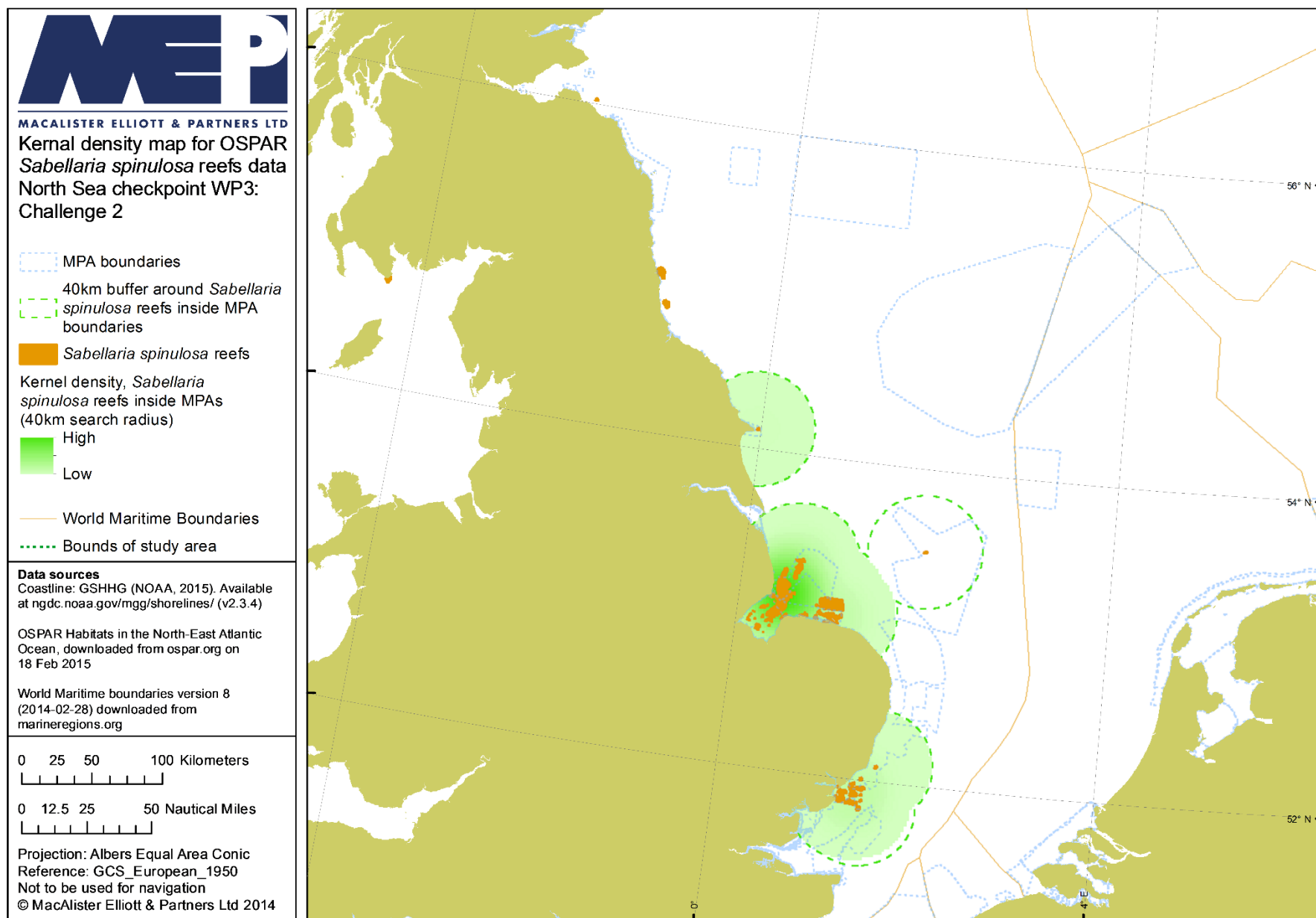


Figure 14: Kernel density proximity map for sea-pen and burrowing megafauna communities habitat

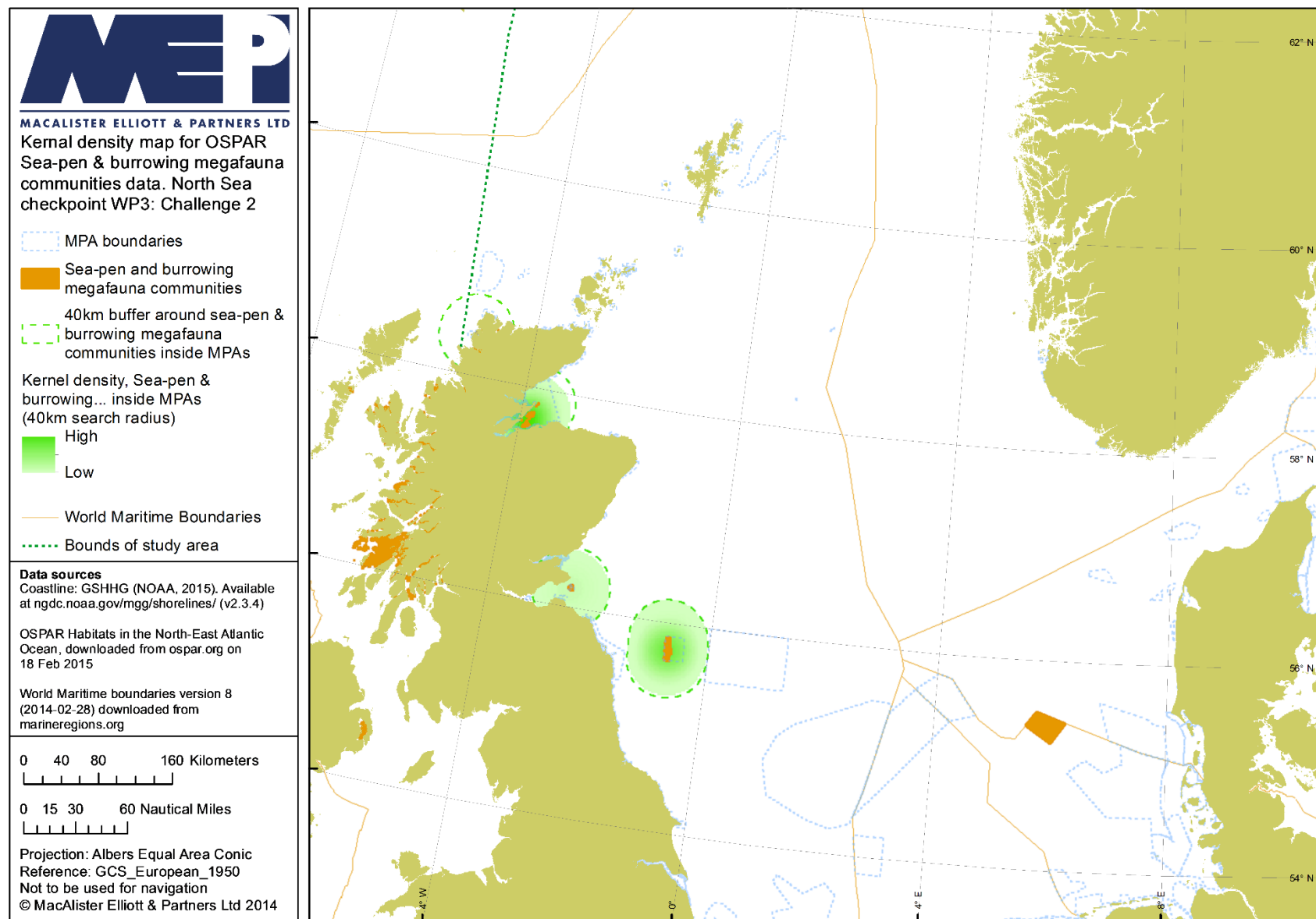


Figure 15: Kernel density proximity map for *Zostera* beds habitat

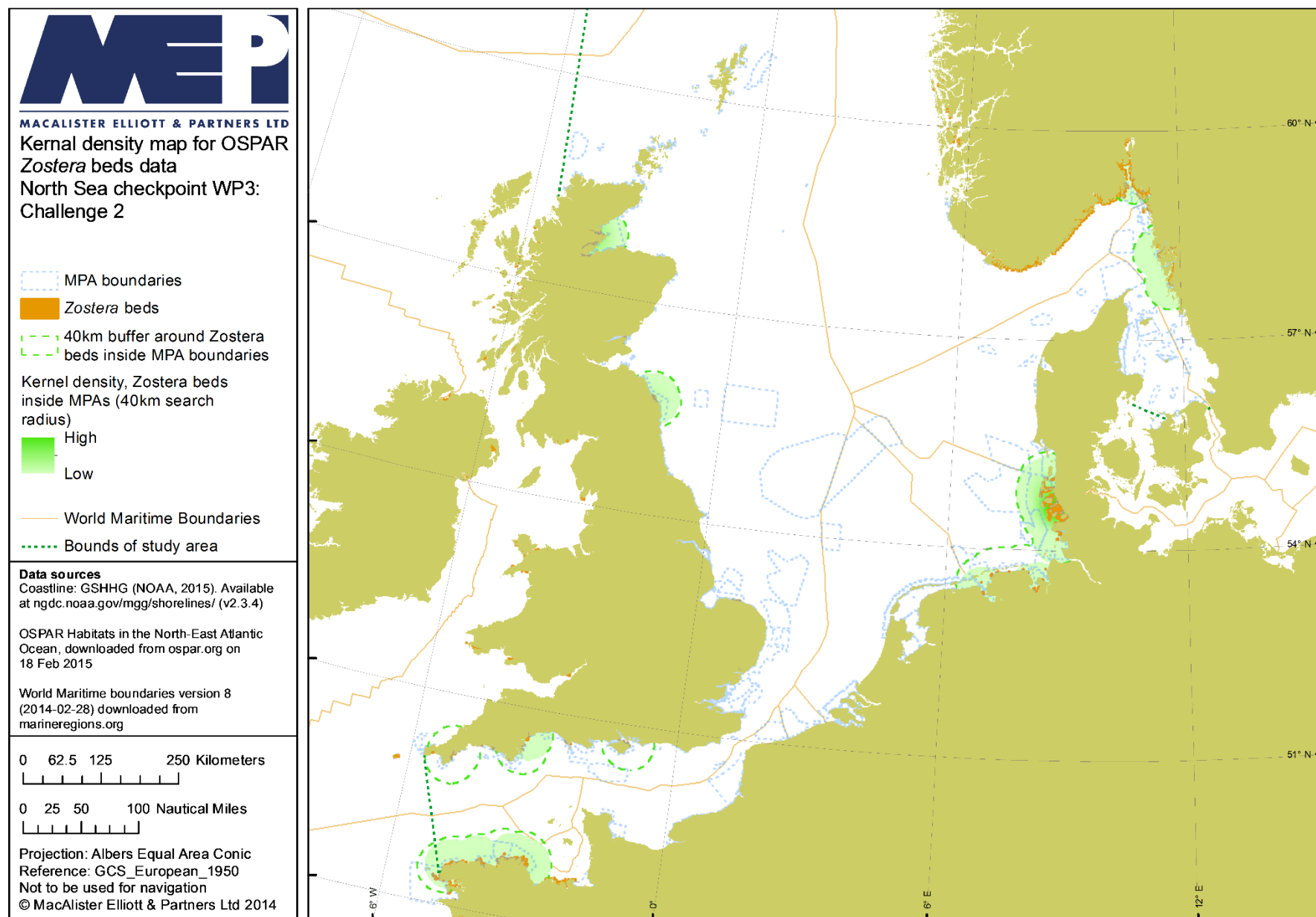
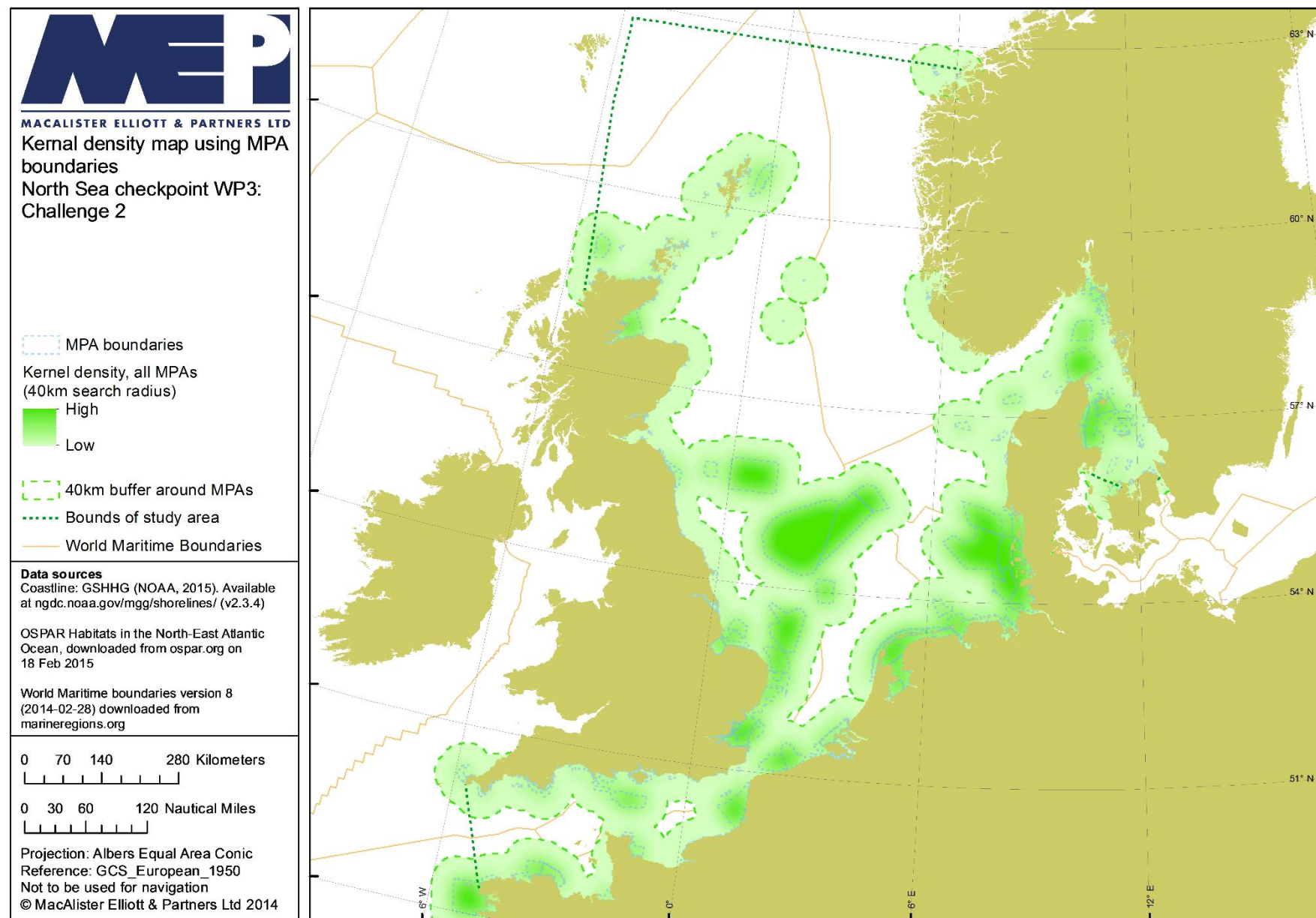


Figure 16: Kernel density proximity map for all MPA boundaries in study area





HR Wallingford is an independent engineering and environmental hydraulics organisation. We deliver practical solutions to the complex water-related challenges faced by our international clients. A dynamic research programme underpins all that we do and keeps us at the leading edge. Our unique mix of know-how, assets and facilities includes state of the art physical modelling laboratories, a full range of numerical modelling tools and, above all, enthusiastic people with world-renowned skills and expertise.



FS 516431
EMS 558310
OHS 595357

HR Wallingford, Howbery Park, Wallingford, Oxfordshire OX10 8BA, United Kingdom
tel +44 (0)1491 835381 fax +44 (0)1491 832233 email info@hrwallingford.com
www.hrwallingford.com