

URI	Distributor	Title	Resource Abstract	Resource Locator URL
1600027	Anatec	ANATEC - East Coast Shipping intensity	<p>This dataset was produced by Anatec Ltd based on identifying the shipping density in the United Kingdom Southern North Sea. The resource comprises a grid encompassing the study area provided by MMO, with an average cell size of 0.5 kilometres by 0.5 kilometres. The Ship Density is generally defined up to the entrances to estuaries and ports.</p> <p>This dataset shows the following shipping density data:</p> <ol style="list-style-type: none"> <li>1.) estimated ships per year, ship type distribution, (4 categories);</li> <li>2.) ship size distribution (5 tonnage categories); and</li> <li>3.) a rank score (1 lowest &amp; 5 highest) based on total shipping density in UK waters.</li> </ol>	<a href="http://www.anatec.com/">http://www.anatec.com/</a>
1600015	Anatec	Marine Management Organisation - UK Fishing Effort (Number of Days Fished) 2005-2007	This layer shows information on fishing effort based on the number of days fished, derived from logbook data submitted by UK-registered fishing vessels. Spatial resolution: ICES statistical rectangles. Temporal resolution: 3 years, 2005-2007.	<a href="http://www.marinemanagement.org.uk/ai/index.htm">http://www.marinemanagement.org.uk/ai/index.htm</a>
1600043	Anatec	Anatec - 90th Percentile Shipping Density	This dataset was produced by Anatec Ltd using Anatec's Ship Routes database to identify areas of high shipping density in the United Kingdom Southern North Sea, and using underlying AIS (Automatic Identification System) Data to identify 90th percentile lanes contributing to the identified areas of high shipping density.	<a href="http://www.anatec.com">http://www.anatec.com</a>
1600041	Associated British Ports	Dredging Activity (Associated British Ports)	Dataset shows the location of ABP, port dredging areas.	<a href="http://www.abpmer.co.uk/">http://www.abpmer.co.uk/</a>
1400041	Associated British Ports	Disposal Sites (Associated British Ports)	The shapefile depicts ABP disposal sites.	<a href="http://www.abpmer.co.uk/">http://www.abpmer.co.uk/</a>
1300033	Associated British Ports Marine Environmental Research	FAB Link Interconnector (Associated British Ports Marine Environmental Research)	Indicative route for the France Alderney Britain Link (FABLink), which will enable tidal power generated in Alderney's territorial water to be exported to European markets.	
100039	Boat Launch	Boat Launch - Slipways	A slipway is described as being a sloping surface leading down to the water for the purpose of launching - suitable for recreational craft.	<a href="http://www.boatlaunch.co.uk">http://www.boatlaunch.co.uk</a>
100040	Boat Launch	Boat Launch - Marinas	A recreational craft marina is a boat basin that has docks, moorings, supplies, and other facilities - suitable for recreational craft.	<a href="http://www.boatlaunch.co.uk">http://www.boatlaunch.co.uk</a>
1000004	British Geological Society	British Geological Society - Bedrock	Bedrock geology where possible mapped to formation level. This data is based on ship-based primarily on available geophysical surveys.	<a href="http://www.seazone.com/dataHydrospatial/Chartedvector.php">http://www.seazone.com/dataHydrospatial/Chartedvector.php</a>
1000003	British Geological Society	British Geological Society - Sea Bed Sediments	<p>The purpose of this digital dataset is to provide accurate mapping of the distribution of sea-bed sediment types. Sea-bed sediments can only be mapped offshore, where the most recent deposits commonly form a veneer or superficial layer of unconsolidated material on the sea-bed. The dataset is produced for use at 1:250,000 scale.</p> <p>The boundaries between sediment classifications or types are delineated using sample station particle size analyses and descriptions, seafloor topography derived from shallow geophysical data and where available multibeam bathymetry and backscatter and side scan sonar profiles.</p> <p>The sediment types present on the sea-bed are of importance to a range of groups, including marine habitat experts, marine spatial planners, the offshore construction and development sector, and the dredging and aggregate industries. These groups require detailed information on the nature of the sea-bed, including the sediment types present.</p> <p>The DiGSBS250k dataset has been created as vector polygons and are available in a range of GIS formats, including ArcGIS (.shp), ArcInfo Coverage's and MapInfo (.tab). More specialised formats may be available but may incur additional processing costs.</p>	<a href="http://www.bgs.ac.uk/products/digitalmaps/">http://www.bgs.ac.uk/products/digitalmaps/</a>
1000005	British Geological Society	Department of Energy and Climate Change - Large Dome Structures in the Bunter Sandstone Formation	The Bunter Sandstone Formation is thought likely to have the best aquifer storage potential amongst the reservoir rocks of the Southern North Sea. This shapefile shows the largest Aquifer Domes in this formation and it was digitised by the British Geological Survey under a contract for the Department for Trade and Industry (DTI) in 2006 Report No. COAL R308 DTI/Pub URN 06/2027. These domes represent potential sites for carbon capture and storage however at the time of this report it was outlined that it is difficult to demonstrate unequivocally (a) that they will not leak and (b) that significant masses of CO2 can be injected into them which makes their implementation for carbon capture and storage uncertain.	<a href="http://www.berr.gov.uk/files/file35684.pdf">http://www.berr.gov.uk/files/file35684.pdf</a>
1000006	British Geological Society	British Geological Society - Ormskirk Sandstone Formation	Carbon Capture and Storage (CCS) is a technology that has the potential to significantly reduce the UKs CO2 emissions to the atmosphere. At its simplest CCS consists of 3 steps; capturing CO2 from a large industrial point source such as a fossil fuel fired power plant, transporting it to a suitable geological storage site and storing it underground in geological formations, which prevents the CO2 escaping into the atmosphere.	<a href="http://www.berr.gov.uk/files/file35684.pdf">http://www.berr.gov.uk/files/file35684.pdf</a>
1000007	British Geological Society	Major Oil & Gas Bearing Sedimentary Basins (BGS)	This is a shapefile detailing the extent of the Ormskirk Sandstone Formation. Shapefile identifies the major sedimentary oil and gas bearing sedimentary basins within UK waters. These are the sites deemed most likely to adopt CO2 storage within a UK oil field.	<a href="http://www.berr.gov.uk/files/file35684.pdf">http://www.berr.gov.uk/files/file35684.pdf</a>

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2100002	Centre for Environment, Fisheries & Aquaculture Science	CEFAS - Fish Spawning Grounds	<p>This layer is the nominal spawning distribution as gauged from the distribution and relative abundance of egg and/or larval stages from contemporary data and Coull et al. (1998). Areas with higher concentrations of eggs and/or larvae that are considered to relate to more important spawning grounds are designated High.</p> <p>Purpose: To provide spatial data on the spawning grounds of selected UK fish</p> <p>Attribute definition: H = spawning grounds with a high density of egg and larval stages, L = other spawning grounds</p> <p>Reference : Ellis, J.R., Milligan, S., Readdy, L., South, A., Taylor, N. and Brown, M. 2010. Mapping the spawning and nursery grounds of selected fish for spatial planning. Report to the Department of Environment, Food and Rural Affairs from Cefas. Defra Contract No. MB5301</p>	<a href="http://www.cefass.defra.gov.uk/our-science/fisheries-information/marine-fisheries/ecologically-important-fish-habitats/distribution-o">http://www.cefass.defra.gov.uk/our-science/fisheries-information/marine-fisheries/ecologically-important-fish-habitats/distribution-o</a>
2100003	Centre for Environment, Fisheries & Aquaculture Science	CEFAS - Fish Nursery Grounds	<p>This layer provides the nominal nursery grounds for 17 highly mobile species distributed at a half ICES statistical rectangle resolution (0.5 by 0.5 degrees), Data were obtained from sampling surveys and Coull et al. (1998). Areas of higher concentrations of juveniles are considered to relate to more important nursery grounds.</p> <p>Purpose: To provide spatial data on nursery ground of selected UK fish.</p> <p>Supplemental information: For species where there is sufficient data there are two layers, which differ in the 'Intensity' attribute.</p> <p>Intensity : H = main nursery ground. Areas with high relative abundance of juveniles. L = nursery ground</p> <p>Reference : Ellis, J.R., Milligan, S., Readdy, L., South, A., Taylor, N. and Brown, M. 2010. Mapping the spawning and nursery grounds of selected fish for spatial planning. Report to the Department of Environment, Food and Rural Affairs from Cefas. Defra Contract No. MB5301</p>	<a href="http://www.cefass.defra.gov.uk/our-science/fisheries-information/marine-fisheries/ecologically-important-fish-habitats/distribution-o">http://www.cefass.defra.gov.uk/our-science/fisheries-information/marine-fisheries/ecologically-important-fish-habitats/distribution-o</a>
1600003	Centre for Environment, Fisheries & Aquaculture Science	CEFAS - Inshore Fishing Effort - Boardings (Non-VMS)	December 2011.	<a href="http://randd.defra.gov.uk/Document.aspx?Document=MB0106_9391_FRP.pdf">http://randd.defra.gov.uk/Document.aspx?Document=MB0106_9391_FRP.pdf</a>
1600002	Centre for Environment, Fisheries & Aquaculture Science	CEFAS - Inshore Fishing Effort - Sightings (Non-VMS)	December 2011.	<a href="http://randd.defra.gov.uk/Document.aspx?Document=MB0106_9391_FRP.pdf">http://randd.defra.gov.uk/Document.aspx?Document=MB0106_9391_FRP.pdf</a>
2500003	Centre for Environment, Fisheries & Aquaculture Science	NOAA & SOEST, GSHHS European Coastline	<p>GSHHS (Global Self-consistent, Hierarchical, High Resolution Shoreline Database) is a high-resolution shoreline data set amalgamated from two databases in the public domain. The data have undergone extensive processing and are free of internal inconsistencies such as erratic points and crossing segments. The shorelines are constructed entirely from hierarchically arranged closed polygons. The data can be used to simplify data searches and data selections, or to study the statistical characteristics of shorelines and land-masses. It comes with access software and routines to facilitate decimation based on a standard line-reduction algorithm. Processing and assembly of the GSHHS data is described in Wessel, P., and W. H. F. Smith, A Global Self-consistent, Hierarchical, High-resolution Shoreline Database, J. Geophys. Res., 101, #B4, pp. 8741-8743, 1996. The data has been clipped to an area of Western Europe for MMO purposes.</p>	<a href="http://www.ngdc.noaa.gov/mgg/shorelines/gshhs.html">http://www.ngdc.noaa.gov/mgg/shorelines/gshhs.html</a>
1400034	Centre for Environment, Fisheries & Aquaculture Science	Disposal Sites 2014 (CEFAS)	<p>This layer shows all the licensed disposal sites in the UK, taken from devolved administrations, the MCMS licensing database, electronic and paper records. It also includes information as to their current operational status, country and sea area. In some cases additional information such as distance from shore, depths and radius may also be present.</p>	<a href="http://www.cefass.defra.gov.uk/our-services/environmental-advice/aggregates-and-construction/dredging-and-disposal.aspx">http://www.cefass.defra.gov.uk/our-services/environmental-advice/aggregates-and-construction/dredging-and-disposal.aspx</a>
1600017	Centre for Environment, Fisheries & Aquaculture Science	CEFAS - Marine Waste Disposal Sites (2012)	<p>This layer shows all the licensed disposal sites in the UK, taken from devolved administrations, the MCMS licensing database and paper records. It also includes information as to their current operational status, country and sea area. In some cases additional information such as distance from shore, depths and radius may also be present.</p>	<a href="http://www.cefass.defra.gov.uk/our-services/environmental-advice/aggregates-and-construction/dredging-and-disposal.aspx">http://www.cefass.defra.gov.uk/our-services/environmental-advice/aggregates-and-construction/dredging-and-disposal.aspx</a>
1500001	Centre for Environment, Fisheries & Aquaculture Science	CEFAS - European Commission Shellfish Waters	<p>Coastal and brackish waters in England and Wales designated as Shellfish Waters under the EC Shellfish Waters Directive (2006/113/EEC) as of October 2009. Data digitised by Cefas from the Schedule issued by Defra using OS MasterMap as the base map.</p>	<a href="http://www.cefass.defra.gov.uk/our-science/animal-health-and-food-safety/food-safety/shellfisheries-advice.aspx">http://www.cefass.defra.gov.uk/our-science/animal-health-and-food-safety/food-safety/shellfisheries-advice.aspx</a>

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600004	Coal Authority	Underground Coal Gasification (Coal Authority)	Underground coal gasification (UCG) is the partial in-situ combustion of a deep underground coal seam to produce a gas for use as an energy source. It is achieved by drilling two boreholes from the surface, one to supply oxygen and water/steam, the other to bring the product gas to the surface. The combustible gas can be used for industrial heating, power generation or the manufacture of hydrogen, synthetic natural gas or other chemicals. The gas can be processed to remove carbon dioxide (CO2) before it is passed on to the end user.	<a href="http://coal.decc.gov.uk/en/coal/cms/publications/mining/gasification/gasification.aspx">http://coal.decc.gov.uk/en/coal/cms/publications/mining/gasification/gasification.aspx</a>
300014	Collins Bartholomew	Collins Bartholomew World Country Areas	This shapefile contains polygons representing administrative areas. It includes admin division name and ISO/FIPS codes	<a href="http://www.collinsbartholomew.com/Products/World%20Mapping%20Data/default.aspx">http://www.collinsbartholomew.com/Products/World%20Mapping%20Data/default.aspx</a>
300013	Collins Bartholomew	Collins Bartholomew World Admin Areas	This shapefile contains polygons representing administrative areas. It includes admin division name and ISO/FIPS codes	<a href="http://www.collinsbartholomew.com/Products/World%20Mapping%20Data/default.aspx">http://www.collinsbartholomew.com/Products/World%20Mapping%20Data/default.aspx</a>
100038	Defence Science and Technology Laboratory	Defence Science and Technology Laboratory - Nuclear Submarine Berths 2009 (UK)	This layer shows the locations of Royal Navy nuclear submarine berths in England. The Marine Environmental Radioactivity Survey (MES) was undertaken by DSTL in 2009 and took place primarily around nuclear submarine berths at authorised sites and decommissioning sites, however, also included operational berths visits by nuclear powered submarines in UK territorial waters and overseas territories.	<a href="https://www.dstl.gov.uk/">https://www.dstl.gov.uk/</a>
500006	Department for Environment, Food and Rural Affairs	Bathymetry (UKHO)	Contains line information on bathymetry areas captured by the UKHO. It has been created by the UKHO as a 'Electronic Navigational Chart' component product and is optimised for use in the enhancement of navigational safety. This shapefile has symbolised based upon the object feature attribute, details of which are provided in the lineage. For ease of use by MMO staff the following layer files have been created: Bathymetry Contours.	<a href="http://www.s-57.com/">http://www.s-57.com/</a>
1300035	Department for Environment, Food and Rural Affairs	Navigational Aids (United Kingdom Hydrographic Office)	Contains point information on navigational aids captured by the UKHO. It has been created by the UKHO as a 'Electronic Navigational Chart' component product and is optimised for use in the enhancement of navigational safety. This shapefile has symbolised based upon the object feature attribute, details of which are provided in the lineage. For ease of use by MMO staff the following layer files have been created: Aids to Navigation (UKHO)	<a href="http://www.s-57.com/">http://www.s-57.com/</a>
1300036	Department for Environment, Food and Rural Affairs	Obstructions (Polygon) (United Kingdom Hydrographic Office)	Contains polygon information on obstructions captured by the UKHO. It has been created by the UKHO as a 'Electronic Navigational Chart' component product and is optimised for use in the enhancement of navigational safety. This shapefile has symbolised based upon the object feature attribute, details of which are provided in the lineage. For ease of use by MMO staff the following layer files have been created: Diffuser.	<a href="http://www.s-57.com/">http://www.s-57.com/</a>
1300039	Department for Environment, Food and Rural Affairs	Offshore Installations (Polygon) (United Kingdom Hydrographic Office)	Contains polygon information on offshore installations captured by the UKHO. It has been created by the UKHO as a 'Electronic Navigational Chart' component product and is optimised for use in the enhancement of navigational safety. This shapefile has symbolised based upon the object feature attribute, details of which are provided in the lineage. For ease of use by MMO staff the following layer files have been created: Pipelines (polygon) and Submarine Cables (polygon).	<a href="http://www.s-57.com/">http://www.s-57.com/</a>
1500012	Department for Environment, Food and Rural Affairs	DEFRA - Inshore Fisheries Conservation Authorities in England	This dataset shows the 3nm and 6nm limit of Inshore Fisheries Conservation Authorities Boundaries (IFCA) in England. It was created by the UK Hydrographic Office for the purpose of representing the seaward components of the legal administrative boundaries of the IFCAs. The official boundaries are set for each IFCA in each authority's Inshore Fisheries and Conservation Order.	<a href="http://www.marinemanagement.org.uk/ai/index.htm">http://www.marinemanagement.org.uk/ai/index.htm</a>
1300040	Department for Environment, Food and Rural Affairs	Offshore Installations (Line) (United Kingdom Hydrographic Office)	Contains line information on offshore installations captured by the UKHO. It has been created by the UKHO as a 'Electronic Navigational Chart' component product and is optimised for use in the enhancement of navigational safety. This shapefile has symbolised based upon the object feature attribute, details of which are provided in the lineage. For ease of use by MMO staff the following layer files have been created: Pipelines (line) and Submarine Cables (line).	<a href="http://www.s-57.com/">http://www.s-57.com/</a>
1800013	Department for Environment, Food and Rural Affairs	United Kingdom Hydrographic Office 6 Nautical Mile Limit (1983)	UKHO 6 Nautical Mile Limit. This is not the most up to date version of the limit, it shows the 1983 6NM limit.	<a href="http://www.ukho.gov.uk/ProductsandServices/Services/Pages/LawoftheSea.aspx">http://www.ukho.gov.uk/ProductsandServices/Services/Pages/LawoftheSea.aspx</a>
1300041	Department for Environment, Food and Rural Affairs	Offshore Installations (United Kingdom Hydrographic Office) (United Kingdom Hydrographic Office)	Contains polygon information on offshore installations captured by the UKHO. It has been created by the UKHO as a 'Electronic Navigational Chart' component product and is optimised for use in the enhancement of navigational safety. This shapefile has symbolised based upon the object feature attribute, details of which are provided in the lineage. For ease of use by MMO staff the following layer files have been created: Platform (point).	<a href="http://www.s-57.com/">http://www.s-57.com/</a>
500007	Department for Environment, Food and Rural Affairs	Depth Areas (Polygon) (United Kingdom Hydrographic Office)	Contains polygon information on transportation and route areas captured by the UKHO. It has been created by the UKHO as a 'Electronic Navigational Chart' component product and is optimised for use in the enhancement of navigational safety. This shapefile has symbolised based upon the object feature attribute, details of which are provided in the lineage. For ease of use by MMO staff the following layer files have been created: Depth Area (UKHO)	<a href="http://www.s-57.com/">http://www.s-57.com/</a>

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500008	Department for Environment, Food and Rural Affairs	Depth Areas (Line) (United Kingdom Hydrographic Office)	Contains line information on transportation and route areas captured by the UKHO. It has been created by the UKHO as a 'Electronic Navigational Chart' component product and is optimised for use in the enhancement of navigational safety. This shapefile has symbolised based upon the object feature attribute, details of which are provided in the lineage. For ease of use by MMO staff the following layer files have been created: Depth Areas (UKHO).	<a href="http://www.s-57.com/">http://www.s-57.com/</a>
1300023	Department for Environment, Food and Rural Affairs	Department of Environment, Food and Rural Affairs - Nuclear Power Stations (GB)	This dataset shows the approximate location of operational coastal nuclear power stations.	<a href="http://www.britishenergyrenewables.com">www.britishenergyrenewables.com</a>
1300037	Department for Environment, Food and Rural Affairs	Obstructions (Point) (United Kingdom Hydrographic Office)	Contains point information on obstructions captured by the UKHO. It has been created by the UKHO as a 'Electronic Navigational Chart' component product and is optimised for use in the enhancement of navigational safety. This shapefile has symbolised based upon the object feature attribute, details of which are provided in the lineage. For ease of use by MMO staff the following layer files have been created: Diffuser	<a href="http://www.s-57.com/">http://www.s-57.com/</a>
500005	Department for Environment, Food and Rural Affairs	Bathymetry (United Kingdom Hydrographic Office)	Contains polygon information on bathymetry captured by the UKHO. It has been created by the UKHO as a 'Electronic Navigational Chart' component product and is optimised for use in the enhancement of navigational safety. This shapefile has symbolised based upon the object feature attribute, details of which are provided in the lineage. For ease of use by MMO staff the following layer files have been created: Dredged Areas (UKHO).	<a href="http://www.s-57.com/">http://www.s-57.com/</a>
100061	Department for Environment, Food and Rural Affairs	Activity and License Areas (Point) (United Kingdom Hydrographic Office)	Contains point information on activity and license areas captured by the UKHO. It has been created by the UKHO as a 'Electronic Navigational Chart' component product and is optimised for use in the enhancement of navigational safety. This shapefile has symbolised based upon the object feature attribute, details of which are provided in the lineage. For ease of use by MMO staff the following layer files have been created: Harbour facility.	<a href="http://www.s-57.com/">http://www.s-57.com/</a>
2800010	Department for Environment, Food and Rural Affairs	Miscellaneous Shipwreck Debris (Polygon) (UKHO)	Contains polygon information on wreck areas captured by the UKHO. It has been created by the UKHO as a 'Electronic Navigational Chart' component product and is optimised for use in the enhancement of navigational safety. This shapefile has symbolised based upon the object feature attribute, details of which are provided in the lineage. For ease of use by MMO staff the following layer files have been created: Shipwrecks Debris Miscellaneous (polygon).	<a href="http://www.s-57.com/">http://www.s-57.com/</a>
100063	Department for Environment, Food and Rural Affairs	Transportation and Routes (Polygon) (United Kingdom Hydrographic Office)	Contains polygon information on transportation and route areas captured by the UKHO. It has been created by the UKHO as a 'Electronic Navigational Chart' component product and is optimised for use in the enhancement of navigational safety. This shapefile has symbolised based upon the object feature attribute, details of which are provided in the lineage. For ease of use by MMO staff the following layer files have been created: Anchoring areas, anchoring prohibition areas, berth locations, deep water routes, fairway, ferry route, inshore traffic zone, landing locations, pilot boarding location, recommended route and permitted ship to ship transfer sites.	<a href="http://www.s-57.com/">http://www.s-57.com/</a>
100064	Department for Environment, Food and Rural Affairs	Transportation and Routes (Polyline) (United Kingdom Hydrographic Office)	Contains line information on transportation and route areas captured by the UKHO. It has been created by the UKHO as a 'Electronic Navigational Chart' component product and is optimised for use in the enhancement of navigational safety. This shapefile has symbolised based upon the object feature attribute, details of which are provided in the lineage. For ease of use by MMO staff the following layer files have been created: Berth locations, deep water route, ferry route, recommended route and traffic separation scheme.	<a href="http://www.s-57.com/">http://www.s-57.com/</a>
2800011	Department for Environment, Food and Rural Affairs	Miscellaneous Shipwreck Debris (Point) (United Kingdom Hydrographic Office)	Contains point information on wreck sites captured by the UKHO. It has been created by the UKHO as a 'Electronic Navigational Chart' component product and is optimised for use in the enhancement of navigational safety. This shapefile has symbolised based upon the object feature attribute, details of which are provided in the lineage. For ease of use by MMO staff the following layer files have been created: Shipwrecks Debris Miscellaneous (point).	<a href="http://www.s-57.com/">http://www.s-57.com/</a>
1500031	Department for Environment, Food and Rural Affairs	DEFRA - Air Quality Management Areas	This dataset is the 2012 compilation update of Air Quality Management Area (AQMA) boundaries in the UK. This new dataset includes information on changes to AQMA boundaries up to December 2011.	<a ""="" href="http://uk-air.defra.gov.uk/library/reports?report_id=">http://uk-air.defra.gov.uk/library/reports?report_id=""</a>
1800014	Department for Environment, Food and Rural Affairs	United Kingdom Hydrographic Office 12 Nautical Mile Limit (1983)	UKHO 12 Nautical Mile Limit. Please note this is the most up to date version of the 12nm limit, rather than the 1983 limit which is a different dataset.	<a href="http://www.ukho.gov.uk/ProductsandServices/Services/Pages/LawoftheSea.aspx">http://www.ukho.gov.uk/ProductsandServices/Services/Pages/LawoftheSea.aspx</a>
1500018	Department for Environment, Food and Rural Affairs	DEFRA - Inshore Fisheries Conservation Authorities in England	This layer shows the limit of Inshore Fisheries Conservation Authorities Areas in England.  The IFCA boundaries extend seawards of the local authorities which contribute to their membership - because the inshore boundaries have not been mapped accurately this dataset shows both the IFCA districts as a composite of the terrestrial coverage made up of the IFCA's local authority partners and the marine coverage - i.e. up to the 1983 6nm limit which defines their marine extent.	<a href="http://www.marinemanagement.org.uk/ai/index.htm">http://www.marinemanagement.org.uk/ai/index.htm</a>

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100065	Department for Environment, Food and Rural Affairs	Transportation and Routes (Point) (United Kingdom Hydrographic Office)	Contains point information on transportation and route areas captured by the UKHO. It has been created by the UKHO as a 'Electronic Navigational Chart' component product and is optimised for use in the enhancement of navigational safety. This shapefile has symbolised based upon the object feature attribute, details of which are provided in the lineage. For ease of use by MMO staff the following layer files have been created: Anchoring areas, berth locations, coastguard stations, dock area, landing locations, pilot boarding location and recommended route.	<a href="http://www.s-57.com/">http://www.s-57.com/</a>
100041	Department for Transport	UK Ports (Department for Transport)	This shapefile lists ports and harbours in the UK by status: company and private ports, trust ports, or municipal and other publicly operated ports. The list does not claim to be comprehensive. But all commercially significant ports are included, as well as a number of smaller ports and harbours around the UK coast.  Note: The dataset is considered draft.	<a href="https://www.gov.uk/government/organisations/department-for-transport/series/ports-statistics">https://www.gov.uk/government/organisations/department-for-transport/series/ports-statistics</a>
600001	Department of Business, Enterprise and Regulatory Reform	Business, Enterprise and Regulatory Reform - Tidal Energy Atlas	This dataset shows modelled tidal energy data for the UK continental shelf. This was calculated using a modification of the Proudman Oceanographic Laboratories High Resolution Continental Shelf (HRCS) model.  The data includes computed estimates for average mean tidal flows, tidal range and annual tidal power including variations during spring and neap tides.	<a href="http://www.renewables-atlas.info">www.renewables-atlas.info</a>
600003	Department of Business, Enterprise and Regulatory Reform	Business, Enterprise and Regulatory Reform - Wind Energy Atlas	This dataset shows modelled offshore wind energy data for the UK continental shelf. This was calculated using the UK Meteorological Office's numerical weather prediction (NWP) model.  The data includes information on the mean wins speed and the mean power density at various heights above sea level including seasonal variations.	<a href="http://www.renewables-atlas.info">www.renewables-atlas.info</a>
600002	Department of Business, Enterprise and Regulatory Reform	Business, Enterprise and Regulatory Reform - Wave Energy Atlas	This dataset shows modelled wave energy data for the UK continental shelf. This was calculated using the UK Meteorological Office's UK wave model.  The data includes information on significant wave heights and full wave field power including seasonal variations.	<a href="http://www.renewables-atlas.info">www.renewables-atlas.info</a>
1400027	Department of Energy and Climate Change	Department of Energy and Climate Change - Extract of DECC planning database for offshore energy site	The dataset provides the grid references for wind offshore schemes recorded in the Renewable Energy Planning Database (REPD). The REPD tracks the progress of projects through the UK planning system from inception (Scoping), submission, determination, and then to its construction and operational stages.	<a href="https://restats.decc.gov.uk">https://restats.decc.gov.uk</a>
1400019	Department of Energy and Climate Change	Department of Energy and Climate Change Historical Hydrocarbon Licence Blocks, Inshore & Offshore	Historical hydrocarbon licence blocks, Inshore and Offshore. Data is originally supplied in ED50 CRS and converted to ETRS89 using the 'ED50_to_WGS84_18' transformation followed by the 'ETRS89_to_WGS84' transformation in ArcGIS.	<a href="https://www.ukdeal.co.uk/">https://www.ukdeal.co.uk/</a>
1400033	Department of Energy and Climate Change	Round 27 Licensing Blocks Offered (Department of Energy and Climate Change)	On 1st February 2012, the Secretary of State for Energy and Climate Change (DECC) invited applications for Licences in the 27th Seaward Licensing Round. Applications for Licences were accepted up to 2.00pm on the 1st May 2012. The blocks depicted in this shapefile have been offered.	<a href="http://oq.decc.gov.uk/en/olgs/cms/licences/lic_rounds/27th_round/27th_round.aspx">http://oq.decc.gov.uk/en/olgs/cms/licences/lic_rounds/27th_round/27th_round.aspx</a>
1700001	Department of Energy and Climate Change	DECC - Hydrocarbon Fields	Details the location, type and status of hydrocarbon fields within the UK Continental shelf. Data covers oil, gas and condensate fields on the UKCS. It indicates hydrocarbons only, not an accurate reflection of reservoir boundaries.	<a href="https://www.gov.uk/oil-and-gas-offshore-maps-and-gis-shapefiles/Hydrocarbon_Fields_Off.zip">https://www.gov.uk/oil-and-gas-offshore-maps-and-gis-shapefiles/Hydrocarbon_Fields_Off.zip</a>
1300028	Department of Energy and Climate Change	Department of Energy and Climate Change - Port Suitable for R3 Development (UK)	Taken from the UK Ports for the Offshore Wind Industry: Time to Act Report by DECC. The perceived lack UK port availability and capacity is seen by European wind turbine manufacturers and offshore wind developers as a disincentive to investing in UK projects and to expanding their offshore wind supply chain in the UK. Port capacity will in time also constrain the delivery of UK offshore wind projects from Continental manufacturing sites, increasing cost and time required to build the farms and may impact on wider energy infrastructure expansion over the next decade, particularly for the wider UK deployment of carbon capture and storage and nuclear programmes. Securing manufacturing investment and the associated supply chain for offshore wind in the UK will require a port (or ports) with the required facilities and commercial land. These would provide an industrial hub for wind turbine manufacturers and their supply chain.	<a href="http://www.bvgassociates.co.uk/Publications/BVGAssociatespublications.aspx">http://www.bvgassociates.co.uk/Publications/BVGAssociatespublications.aspx</a>
2000001	Department of Environment, Northern Ireland	Department of Environment Northern Ireland - Scheduled Ancient Monuments in Northern Ireland	A 'Scheduled Monument' refers to an archaeological site that is recognised as being of national importance and is by definition legally protected and conserved. Sites and monuments may be scheduled for protection under Article 3 of the Historic Monuments and Archaeological Objects (Northern Ireland) Order 1995. They are selected on the basis of criteria published in Planning Policy Statement 6 (PPS 6): Planning, Archaeology and Built Heritage (1999) and include sites dating from 7000 BC to the 20th century, such as prehistoric tombs, earthworks of all kinds, castles, churches, maritime sites, canals, world war 2 defences and the Belfast Shipyard 'Samson and Goliath' cranes.  Points dataset which shows the location and status of Ireland's ancient monuments.	<a href="http://www.doeni.gov.uk/niea/other-index/digital-intro/terms.htm">http://www.doeni.gov.uk/niea/other-index/digital-intro/terms.htm</a>

URI	Distributor	Title	Resource Abstract	Resource Locator URL
2000013	English Heritage	English Heritage - Listed Buildings (England)	When buildings are listed they are placed on the statutory list of buildings of 'special architectural or historic interest' compiled by the Secretary of State for Culture, Media and Sport under the Planning (Listed Buildings and Conservation Areas) Act 1990, on advice from English Heritage. Structures that might not be first thought of as "buildings" such as railings, gates, war memorials and post boxes can be listed. The dataset is being added to regularly and there are over 350,000 entries on the list.	<a href="http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml">http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml</a>
2000015	English Heritage	English Heritage - World Heritage Sites	World Heritage Sites ( <a href="http://www.ukworldheritage.org.uk">http://www.ukworldheritage.org.uk</a> ) are designated by UNESCO as being of 'outstanding value' following the 1972 World Heritage Convention. The dataset represents English Heritage's interpretation of the UNESCO World Heritage Site boundaries for sites in England.	<a href="http://services.english-heritage.org.uk/NMRDataDownload/">http://services.english-heritage.org.uk/NMRDataDownload/</a>
2000014	English Heritage	English Heritage - Listed Buildings (England)	When buildings are listed they are placed on the statutory list of buildings of 'special architectural or historic interest' compiled by the Secretary of State for Culture, Media and Sport under the Planning (Listed Buildings and Conservation Areas) Act 1990, on advice from English Heritage. Structures that might not be first thought of as "buildings" such as railings, gates, war memorials and post boxes can be listed. The dataset is being added to regularly and there are over 350,000 entries on the list.	<a href="http://services.english-heritage.org.uk/NMRDataDownload/">http://services.english-heritage.org.uk/NMRDataDownload/</a>
2000012	English Heritage	English Heritage - Battlefields (England)	<p>The English Heritage Register of Historic Battlefields identifies 43 important English battlefields. Its purpose is to offer them protection and to promote a better understanding of their significance. The Register is intended to be the starting point for battlefield conservation and interpretation, identifying the most visually sensitive areas.</p> <p>The English Heritage Register of Historic Battlefields is administered by English Heritage under the National Heritage Act 1983. It identifies 43 important English battlefields, with a purpose to offer them protection and to promote a better understanding of their significance. The Register is intended to be the starting point for battlefield conservation and interpretation, identifying the most visually sensitive areas.</p>	<a href="http://services.english-heritage.org.uk/NMRDataDownload/">http://services.english-heritage.org.uk/NMRDataDownload/</a>
2000002	English Heritage	English Heritage - Scheduled Ancient Mounments in England	<p>A 'Scheduled Monument' refers to an archaeological site that is recognised as being of national importance and is by definition legally protected and conserved.</p> <p>English Heritage takes the lead in identifying sites in England</p> <p>The word 'monument' covers the whole range of archaeological sites. Scheduled monuments are not always ancient, or visible above ground. The dataset is being added to regularly and there are over 22,000 entries on the Schedule for England.</p> <p>The current legislation, the Ancient Monuments and Archaeological Areas Act 1979, supports a formal system of scheduled monument consent for any work to a designated monument.</p>	<a href="http://data.gov.uk/dataset/record-of-scheduled-monuments">http://data.gov.uk/dataset/record-of-scheduled-monuments</a>
2800001	English Heritage	English Heritage - Protected Wreck Sites and War Graves in England	The AMIE Monuments Inventory dataset has evolved from material pooled from a number of sources: OS and RCHME record cards, records migrated from other datasets such as the National Buildings Record, records created by English Heritage field teams and Aerial survey or by Desk based enhancement projects. The monuments included cover the whole heritage spectrum from flint scatters to factories, from historic cinemas to cemeteries and from monasteries to military airfields. Some records will be of designated sites, but far from exclusively so. The variety and breadth of coverage is staggering. Recording standards have also evolved over the course of time, so that the depth and quality of the records are also constantly improving: as a result, despite continuous rolling enhancement programmes, inevitably some of the older records may not be the same quality as more recently compiled examples. The quality of spatial data linked to the AMIE records is being continuously enhanced but is also of variable quality depending on the sources available for data capture: the indicative appearance of some sites may be well represented as polygons whilst others appear as schematic point or circle data. Find spots of individual stray archaeological finds were once recorded, but this function is now more properly the province of local HERS and more recently the Portable Antiquities Scheme Database. The database contains the only really consistently recorded national database of maritime monuments, including sunken wrecks of vessels and military aircraft as well as other maritime archaeology sites.	<a href="http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml">http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml</a>
2800003	English Heritage	English Heritage - Historically Significant Shipwrecks in England	<p>Wreck sites may be comprised of the remains of vessels, their accoutrements, armaments, cargo and other associated objects or deposits. Historic wreck sites in UK territorial waters can be protected by designation under the Protection of Wrecks Act 1973, the Ancient Monuments and Archaeological Areas Act 1979 and the Protection of Military Remains Act 1986.</p> <p>This shapefile provides a non definitive record of shipwrecks in UK waters. This shapefile shows a 1km buffer around the shipwreck sites.</p>	<a href="http://www.english-heritage.org.uk/caring/listing/criteria-for-protection/criteria-designating-wreck-sites/">http://www.english-heritage.org.uk/caring/listing/criteria-for-protection/criteria-designating-wreck-sites/</a>

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2800004	English Heritage	English Heritage - Historically Significant Shipwrecks in England	<p>Wreck sites may be comprised of the remains of vessels, their accoutrements, armaments, cargo and other associated objects or deposits. Historic wreck sites in UK territorial waters can be protected by designation under the Protection of Wrecks Act 1973, the Ancient Monuments and Archaeological Areas Act 1979 and the Protection of Military Remains Act 1986.</p> <p>This shapefile provides a non definitive record of shipwrecks in UK waters.</p>	<a href="http://www.english-heritage.org.uk/caring/listing/criteria-for-protection/criteria-designating-wreck-sites/">http://www.english-heritage.org.uk/caring/listing/criteria-for-protection/criteria-designating-wreck-sites/</a>
2800007	English Heritage	English Heritage - Historic Casualty Areas in England	<p>This data layer contains the only really consistently recorded national database of maritime monuments, including sunken wrecks of vessels and military aircraft as well as other maritime archaeology sites.</p>	<a href="http://services.english-heritage.org.uk/NMRDataDownload/">http://services.english-heritage.org.uk/NMRDataDownload/</a>
2800008	English Heritage	English Heritage - Historic Casualties in England	<p>The AMIE Monuments Inventory dataset has evolved from material pooled from a number of sources: OS and RCHME record cards, records migrated from other datasets such as the National Buildings Record, records created by English Heritage field teams and Aerial survey or by Desk based enhancement projects. The monuments included cover the whole heritage spectrum from flint scatters to factories, from historic cinemas to cemeteries and from monasteries to military airfields. Some records will be of designated sites, but far from exclusively so. The variety and breadth of coverage is staggering. Recording standards have also evolved over the course of time, so that the depth and quality of the records are also constantly improving: as a result, despite continuous rolling enhancement programmes, inevitably some of the older records may not be the same quality as more recently compiled examples. The quality of spatial data linked to the AMIE records is being continuously enhanced but is also of variable quality depending on the sources available for data capture: the indicative appearance of some sites may be well represented as polygons whilst others appear as schematic point or circle data. Find spots of individual stray archaeological finds were once recorded, but this function is now more properly the province of local HERS and more recently the Portable Antiquities Scheme Database. The database contains the only really consistently recorded national database of maritime monuments, including sunken wrecks of vessels and military aircraft as well as other maritime archaeology sites.</p>	<a href="http://services.english-heritage.org.uk/NMRDataDownload/">http://services.english-heritage.org.uk/NMRDataDownload/</a>
1500011	Environment Agency	Environment Agency - Shoreline Management Plans Extents in England and Wales	<p>A Shoreline Management Plan (SMP) is a large-scale assessment of the risks associated with coastal processes and helps reduce these risks to people and the developed, historic and natural environments. Coastal processes include tidal patterns, wave height, wave direction and the movement of beach and seabed materials. The SMPs provide a 'route map' for local authorities and other decision makers to move from the present situation towards meeting our future needs, and will identify the most sustainable approaches to managing the risks to the coast in the short term (0-20 years), medium term (20-50 years) and long term (50-100 years).</p> <p>Within these timeframes, the SMPs will also include an action plan that prioritises what work is needed to manage coastal processes into the future, and where it will happen. This in turn will form the basis for deciding and putting in place specific flood and erosion risk management schemes, coastal erosion monitoring and further research on how we can best adapt to change.</p>	<a href="http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml">http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml</a>
1500015	Environment Agency	Environment Agency - Water Framework Directive Management Catchments	<p>The 'WFD River Waterbody Catchments' are a polygon Shapefile dataset collated as defined for the implementation of the Water Framework Directive. Catchments are defined as an area of land from which all surface run-off flows through a series of streams, rivers and, possibly, lakes to a particular point in the water course such as a river confluence. This dataset can be linked directly to other WFD data sources such as physical characteristics, risk, classification and proposed objectives.</p>	<a href="http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml">http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml</a>

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1500036	Environment Agency	Environment Agency Shoreline Management Plans (National)	<p>A shore line management plan (SMP) is a large-scale assessment of the risks associated with coastal processes and helps reduce these risks to people and the developed, historic and natural environments. Coastal processes include tidal patterns, wave height, wave direction and the movement of beach and seabed materials.</p> <p>Shorelines constantly change due to wave and tides. The amount of change depends on many things, and happens over timescales from seconds to centuries.</p> <p>The second generation of Shoreline Management Plans (SMPs) are currently in production, covering the entire 6,000 km of coast in England and Wales. The SMPs will provide a 'route map' for local authorities and other decision makers to move from the present situation towards meeting our future needs, and will identify the most sustainable approaches to managing the risks to the coast in the short term (0-20 years), medium term (20-50 years) and long term (50-100 years).</p> <p>The aim of the plans is to produce an action plan that prioritises what work is needed to manage coastal processes into the future and where it will happen. This in turn will form the basis for deciding and putting in place specific food and erosion risk management schemes, coastal erosion monitoring and further research on how we can best adapt to change.</p>	<a href="http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml">http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml</a>
1500016	Environment Agency	Environment Agency - Water Framework Directive Coastal Waterbodies	The 'WFD Coastal Waterbodies' is a polygon Shapefile dataset containing attributes that have been collated as defined for the implementation of the Water Framework Directive (WFD). Article 2, clause 7 of the WFD defines coastal waterbodies as '...a surface water on the landward side of a line, every point of which is at a distance of one nautical mile on the seaward side from the nearest point of the baseline from which the breadth of territorial waters is measured, extending where appropriate up to the outer limit of transitional waters'.	<a href="http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml">http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml</a>
1500017	Environment Agency	Environment Agency - Water Framework Directive Transitional (Estuarine) Waterbodies	The 'WFD Transitional (Estuarine) Waterbodies' is a polygon Shapefile dataset containing attributes that have been collated as defined for the implementation of the Water Framework Directive (WFD). Article 2, clause 6 of the WFD defines them as bodies of surface water in the vicinity of river mouths which are partly saline in character as a result of their proximity to coastal waters but are substantially influenced by freshwater flows'. Transitional waterbodies were defined from Mean High Water boundaries, taken directly from OS 1:50K Meridian TM 2, and Environment Agency estuarine boundaries defined for the Urban Waste Water Treatment Directive (UWWTD).	<a href="http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml">http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml</a>
1100002	Environment Agency	Referrals of Red List Discharges (Environment Agency)	The Referrals of Red List Discharges to Sewers dataset records those companies (and potentially individuals) who have applied to water undertakers to discharge a red list substance into sewers.	<a href="http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/dataLayers_RRLDS.xml">http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/dataLayers_RRLDS.xml</a>
1100001	Environment Agency	Bathing Waters Compliance (Environment Agency)	<p>The Bathing Waters Directive sets out EU-wide water quality standards to protect the environment at bathing waters throughout the bathing season.</p> <p>It requires popular beaches to be 'designated' and monitored for water quality, particularly for human waste from sewage treatment works, or animals, for example, farm animals.</p> <p>The directive is implemented through the Bathing Waters (Classifications) Regulations 2003.</p> <p>In England and Wales the bathing water season runs from mid-May - September. We (the EA) carry out sampling two weeks before the season starts and throughout this period.</p> <p>Over 400 sites are monitored with 20 samples being taken across the season. Samples are taken at the same spot in the bathing water on each sampling occasion to ensure consistency.</p>	<a href="http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml">http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml</a>
1500025	Environment Agency	Environment Agency - Flood Storage Areas	Flood storage areas, land designated and operated to store flood water are shown in a separate polygon layer.	<a href="http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml">http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml</a>
1500024	Environment Agency	Environment Agency - Flood Defences	The Flood Map displays the location of linear raised flood defences such as embankments and walls.	<a href="http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml">http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml</a>
1500023	Environment Agency	Environment Agency - Areas Benefitting from Flood Defences	Land that may benefit from the presence of major defences during a 1% fluvial or 0.5% tidal flood event. These are areas that would flood if the defence were not present, but may not flood because the defence is present. Areas benefiting from flood storage areas may be remote from the flood defence structure.	<a href="http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml">http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml</a>

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1400025	Environment Agency	EA - Consented discharge to controlled waters (England and Wales)	It is an offence to discharge sewage, trade effluent, poisonous, noxious or polluting matter to Controlled Waters unless in agreement with a consent from the EA in accordance with the Water Resources Act 1991 (as amended by the Environment Act 1995). An exception is water from a mine that was abandoned before 31 December 1999. Any mine abandoned after this date is not covered by this exception. "Controlled water" include virtually all freshwaters, ground waters, tidal and coastal waters to a distance of three nautical miles out to sea. Exceptions include small ponds and reservoirs that do not supply water to other watercourses. Public water supply reservoirs are controlled waters. Prior to January 2009, this dataset was known as Discharge Consents.	<a href="http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml">http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml</a>
2000003	Historic Scotland	Royal Commission on the Ancient and Historical Monuments of Scotland - Scheduled Ancient Monuments i	The Scheduled Monuments dataset comprises a GIS dataset of the boundaries of all scheduled monuments in Scotland. It is correct as of the Version Date. The purpose of this dataset is for importation into licence holders' GIS applications to allow the user to identify the approximate position, size and extent of scheduled monuments in Scotland. The user should be aware that this information is INDICATIVE only and reference to Use Constraints below should be made.	<a href="http://data.historic-scotland.gov.uk/pls/htmldb/f?p=2000:10:0:">http://data.historic-scotland.gov.uk/pls/htmldb/f?p=2000:10:0:</a>
1500002	International Council for the Exploration of the Sea	ICES - International Council for the Exploration of the Sea Statistical Areas	ICES Statistical Areas. The areas are defined and described on the FAO website for Major Fishing Area 27: <a href="http://www.fao.org/fishery/area/Area27/en">http://www.fao.org/fishery/area/Area27/en</a>	<a href="http://geo.ices.dk/">http://geo.ices.dk/</a>
1500003	International Council for the Exploration of the Sea	ICES - International Council for the Exploration of the Sea Statistical Rectangles	The ICES Statistical Rectangles are defined and described in an ICES Council Meeting Document from 1977 (C.M. 1977 / Gen: 3).	<a href="http://geo.ices.dk/">http://geo.ices.dk/</a>
900021	Joint Nature Conservation Committee	Habitats of Conservation Importance (Joint Nature Conservation Committee)	The data in this layer is taken from Defra contract MB0102 Task 2C, the aim of which was to provide spatially referenced tables and associated GIS layers showing the distribution of priority protected habitats. The project was undertaken to support the delivery of a network of Marine Protected Areas as required to meet existing international and national obligations and commitments, including Marine Conservation Zones (MCZs).	
900009	Joint Nature Conservation Committee	Joint Nature Conservation Committee - UKSeaMap Predictive Seabed Habitat Model 2010 (UK)	<p>This shapefile is a predictive EUNIS seabed habitat layer for the UK continental shelf. The layer has been created using five layers: substrate, biological zone, energy, salinity and biogeographic data.</p> <p>Substrate data consisted of data from a pre-release version of BGS DigSBS v2, NOC Deep Sea substrate data (MB0105), Rock/hard substrate data (MB0103) and WFD substrate data for coastal and transitional areas. The substrate map contains some differences in the distribution of rock in Welsh areas to the final MB103 layer. Some coastal gaps in the substrate layer were filled in using data from MNCR habitat maps.</p> <p>Biological Zone data consisted of three different layers: the biological zone layer created by ABPmer (MB0102 - Task 1C), a Deep Sea layer constructed using boundaries recommended by Kerry Howell and estuaries defined by the WFD salinity data (Rogers et al. 2003).</p> <p>The energy layer was constructed by combining wave-induced seabed kinetic energy and tidal current-induced seabed kinetic energy. The wave &amp; tidal current layers were separately divided into high, moderate and low energy categories using thresholds derived under the UKSeaMap 2010 project. The final combined energy layer chose the highest category from either the wave or tidal current-induced kinetic energy layers to produce one single energy layer.</p> <p>Salinity data came from the WFD typology report (Rogers et al., 2003). The boundary between the polyhaline and euhaline salinity zones was defined as the boundary between marine and variable salinity areas.</p> <p>The biogeography layer is divided into Arctic &amp; Atlantic regions using the 500m</p>	<a href="http://jncc.defra.gov.uk/page-5534">http://jncc.defra.gov.uk/page-5534</a>
900022	Joint Nature Conservation Committee	Habitats of Conservation Importance (Joint Nature Conservation Committee)	The data in this layer is taken from Defra contract MB0102 Task 2C, the aim of which was to provide spatially referenced tables and associated GIS layers showing the distribution of priority protected habitats. The project was undertaken to support the delivery of a network of Marine Protected Areas as required to meet existing international and national obligations and commitments, including Marine Conservation Zones (MCZs).	
900012	Joint Nature Conservation Committee	Joint Nature Conservation Committee - Combined Survey/Model Habitat Map - Survey Data Confidence	The MESH Confidence Assessment is a way of qualitatively scoring the procedure used to create an individual habitat map based on the quality of (i) remote sensing data, (ii) ground-truthing data and (iii) data interpretation. These are assessed using several criteria, which are scored and combined to provide a score between 0 and 100. This score is not a probability, rather it is a qualitative indication of the confidence one can have in the map.	<a href="http://www.searchMESH.net/webGIS">http://www.searchMESH.net/webGIS</a>

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900014	Joint Nature Conservation Committee	Joint Nature Conservation Committee - Combined Survey/Model Habitat Map - Predictive Habitat Model Co	<p>The confidence layer for the predictive model is based on the UKSeaMap 2010 approach to assessing confidence, which calculates a score for each of the model cells by multiplying the confidence layers associated with the input layers used to create the final predictive habitat map: (1) substrate, (2) biological zones, (3) tidal current kinetic energy and (4) wave kinetic energy.</p> <p>The latter three of these four layers remained the same as those in UKSeaMap 2010 – derived from statistical analyses to obtain quantitative, probabilistic measures of confidence by comparing interpolated or modelled physical data layers with measurements of the same physical characteristics in the field. However, as the new substrate layer was developed using a different method, the substrate confidence needs to be derived using a different technique.</p>	<a href="http://www.searchMESH.net/webGIS">http://www.searchMESH.net/webGIS</a>
900013	Joint Nature Conservation Committee	Joint Nature Conservation Committee - Habitats Directive Annex 1 Reefs	<p>This is a collation of all data identifying surveyed Annex I reefs in UK waters out to the edge of the UK continental shelf. Data sources include Natural England, Countryside Council for Wales (now Natural Resources Wales), Scottish Natural Heritage, Joint Nature Conservation Committee, British Geological Survey and National Oceanography Centre. It can be displayed with "C20130103_NotReef_UK_WGS84_v2" (shows area that are not reef in UK waters), and "C20120813_Reefs_MR_UK_WGS84" (currently not available) and "R20110118_Reefs_BGSPoints_UK_WGS84", which show point locations of potential reef. This version has been used in the preparation of the 2013 Habitats Directive Article 17 reports.</p>	<a href="http://jncc.defra.gov.uk/page-1448">http://jncc.defra.gov.uk/page-1448</a>
900024	Joint Nature Conservation Committee	UK Annex 1 Sandbanks	<p>Annex I sandbanks in UK waters have been delineated, where possible, using a combination of BGS Seabed Sediments (v3) and bathymetry, slope and aspect from multibeam data where available, otherwise the 2012 Defra/Astrium DEM. See "UK_Sandbanks_Method" document for more information. JNCC and the country conservation agencies strive to provide advice based on the best available evidence and, as a result of ongoing survey effort and improved analysis techniques, the evidence base is continually evolving. Since the last Article 17 reporting round, we have acquired substantially improved information on bathymetry in large areas of the UK Continental Shelf and consequently developed a methodology for providing a better estimate of the UK resource of Annex I sandbank habitat to incorporate this newly acquired dataset. It is, however, recognised that no methodology is perfect and, whilst the layer provides us with a better estimate, it does not provide a complete representation of all Annex I sandbank resource, particularly within territorial waters where smaller sandbanks are present but bathymetry data are not available at a high enough resolution. We will continue to strive over the coming years to improve the evidence base underpinning the layer to address some of these unresolved issues.</p>	<a href="http://jncc.defra.gov.uk/page-5201">http://jncc.defra.gov.uk/page-5201</a>
2100005	Joint Nature Conservation Committee	European Seabirds at Sea (European Seabirds at Sea) Grid	<p>The ESAS database represents the most comprehensive and longest running dataset for the distribution of seabirds at sea. ESAS provides information on location, observation, platform, observer, methods and time of observation, observation effort, weather and sea conditions, number of birds observed, the bird's distance to the observation platform and their flight direction.</p>	<a href="http://jncc.defra.gov.uk/page-1547">http://jncc.defra.gov.uk/page-1547</a>
2000025	Joint Nature Conservation Committee	Joint Nature Conservation Committee - EC Birds Directive Special Protection Areas with Marine Compone	<p>This dataset shows Special Protection Areas (SPAs) with marine components. These are strictly protected sites classified in accordance with Article 4 of the EC Birds Directive, which came into force in April 1979. They are classified for rare and vulnerable birds (as listed on Annex I of the Directive), and for regularly occurring migratory species.</p> <p>The Birds Directive provides no formal criteria for selecting SPAs, so the JNCC, on behalf of the statutory country conservation agencies and government, published SPA Selection Guidelines for use in the UK. Each SPA has been selected according to the principles laid out in the selection guidelines. At the time of classification two documents are produced; the citation and the Natura 2000 Standard Data Form. Both are legal documents, the former is used within the UK to consult with the public at classification, and the latter is derived from the citation and is the standard way in which data are registered by government and transmitted to the European Commission.</p> <p>This dataset shows the official boundaries of SPAs as submitted to the EC. JNCC also maintain a dynamically updated version of this dataset that takes into account changes in the known spatial distribution of protected features however, this is the closest representation of the official boundaries as submitted.</p>	<a href="http://jncc.defra.gov.uk/page-5201">http://jncc.defra.gov.uk/page-5201</a>

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2000011	Joint Nature Conservation Committee	Joint Nature Conservation Committee - EC Birds Directive Special Protection Areas (UK)	<p>This dataset shows Special Protection Areas (SPAs) which are strictly protected sites classified in accordance with Article 4 of the EC Birds Directive, which came into force in April 1979. They are classified for rare and vulnerable birds (as listed on Annex I of the Directive), and for regularly occurring migratory species.</p> <p>The Birds Directive provides no formal criteria for selecting SPAs, so the JNCC, on behalf of the statutory country conservation agencies and government, published SPA Selection Guidelines for use in the UK. Each SPA has been selected according to the principles laid out in the selection guidelines. At the time of classification two documents are produced; the citation and the Natura 2000 Standard Data Form. Both are legal documents, the former is used within the UK to consult with the public at classification, and the latter is derived from the citation and is the standard way in which data are registered by government and transmitted to the European Commission.</p> <p>This dataset shows the official boundaries of SPAs as submitted to the EC. JNCC also maintain a dynamically updated version of this dataset that takes into account changes in the known spatial distribution of protected features however, this is the closest representation of the official boundaries as submitted.</p>	<a href="http://jncc.defra.gov.uk/page-5201">http://jncc.defra.gov.uk/page-5201</a>
2000010	Joint Nature Conservation Committee	Joint Nature Conservation Committee - EC Habitats Directive Offshore Special Areas of Conservation wi	<p>Offshore Special Areas of Conservation (SACs) are strictly protected sites designated under the European Commission Habitats Directive. This layer includes candidate sites which have been submitted to the EC but have not yet been formally adopted.</p> <p>Since August 2007 the UK has had the legal mechanism to designate SACs in the UK offshore marine area under the Offshore Marine Conservation (Natural Habitats &amp;c.) Regulations 2007 (as amended).</p> <p>JNCC is responsible for selecting SACs in the UK offshore marine area. This includes waters beyond 12 nautical miles, within British Fishery Limits and the seabed within the UK Continental Shelf Designated Area. For areas within the UK Continental Shelf Designated Area, but beyond the British Fishery Limit, JNCC can recommend SACs for habitat features associated with the seabed. Where a site crosses the 12 nautical mile boundary, if the site lies more than 90% in offshore waters it will be progressed by JNCC. Sites between 10 and 90% in offshore waters will be progressed jointly by JNCC and the relevant country conservation agency.</p> <p>This dataset shows the officially boundaries of SACs as submitted to the EC. JNCC also maintain a dynamically updated version of this dataset that takes into account changes in the known spatial distribution of protected features however, this is the closest representation of the official boundaries as submitted.</p>	<a href="http://jncc.defra.gov.uk/page-5201">http://jncc.defra.gov.uk/page-5201</a>
2000009	Joint Nature Conservation Committee	Joint Nature Conservation Committee - EC Habitats Directive Terrestrial and Inshore Special Areas of	<p>Special Areas of Conservation (SACs) are strictly protected sites designated under the European Commission Habitats Directive. Note: This layer includes candidate sites which have been submitted to the EC but have not yet been formally adopted. It does not include offshore SACs.</p> <p>Since August 2007 the UK has had the legal mechanism to designate SACs in the UK offshore marine area under the Offshore Marine Conservation (Natural Habitats &amp;c.) Regulations 2007 (as amended).</p> <p>JNCC is responsible for selecting SACs in the UK offshore marine area. This includes waters beyond 12 nautical miles, within British Fishery Limits and the seabed within the UK Continental Shelf Designated Area. For areas within the UK Continental Shelf Designated Area, but beyond the British Fishery Limit, JNCC can recommend SACs for habitat features associated with the seabed. Where a site crosses the 12 nautical mile boundary, if the site lies more than 90% in offshore waters it will be progressed by JNCC. Sites between 10 and 90% in offshore waters will be progressed jointly by JNCC and the relevant country conservation agency.</p> <p>This dataset shows the officially boundaries of SACs as submitted to the EC. JNCC also maintain a dynamically updated version of this dataset that takes into account changes in the known spatial distribution of protected features however, this is the closest representation of the official boundaries as submitted.</p>	<a href="http://jncc.defra.gov.uk/page-5201">http://jncc.defra.gov.uk/page-5201</a>

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2000007	Joint Nature Conservation Committee	Joint Nature Conservation Committee - RAMSAR Site Data (UK)	<p>A Ramsar site is the land listed as a Wetland of International Importance under the Convention on Wetlands of International Importance Especially as Waterfowl Habitat (the Ramsar Convention) 1973. Data supplied has the status of "Listed". The data does not include "proposed" sites.</p> <p>This dataset contains digitised boundaries within the UK submitted on behalf of the UK Government to the International Ramsar Secretariat. It does not include any information for proposed sites (or extensions to previously submitted sites) where the data have not yet been submitted. The data have been collated at JNCC from information supplied by the Geographic Information Units in English Nature, Scottish National Heritage, Countryside Council for Wales and DoE Northern Ireland. JNCC also validate the boundary data against the official paper maps and data forms. RAMSAR sites are designated under the International Convention on Wetlands of International Importance especially as Waterfowl Habitat (the RAMSAR Convention).</p>	<a href="http://jncc.defra.gov.uk/page-5201">http://jncc.defra.gov.uk/page-5201</a>
2000031	Joint Nature Conservation Committee	Joint Nature Conservation Committee - Candidate Special Areas of Conservation	<p>Latest version of the UK marine offshore Special Areas of Conservation (SACs) shapefile that have been submitted by the Joint Nature Conservation Committee (JNCC) on behalf of the UK Government to the European Commission by 17th September 2012. The following sites have changed from pSAC to cSAC status - Pobie Bank Reef; Solant Bank Reef; Anton Dohrn Seamount; Hatton Bank; East Rockall Bank. Inshore SACs with marine components (i.e. those within 12nm of the UK coast) are held in UK_SACswithmarinecomponents shapefile.</p>	<a href="http://jncc.defra.gov.uk/page-4534">http://jncc.defra.gov.uk/page-4534</a>
2100004	Joint Nature Conservation Committee	Joint Nature Conservation Committee - Cetacean Atlas	<p>The Atlas of Cetacean Distribution in north-west European Waters (2003) presents an account and snapshot of the distribution of all 28 cetacean species that are known certainly to have occurred in the waters off north-west Europe in the last 25 years, but including all narwhal and melon-headed what for which records are recent only as the 1940s.</p> <p>These datasets were those used in the annual distribution and relative abundance maps of Reid, J.B., Evans, P.G.H., &amp; Northridge, S.P., (2003), Atlas of Cetacean distribution in north-west European waters. Joint Nature Conservation Committee, Peterborough.</p>	<a href="http://jncc.defra.gov.uk/page-2713">http://jncc.defra.gov.uk/page-2713</a>
900011	Joint Nature Conservation Committee	Joint Nature Conservation Committee - Combined Survey/Model Habitat Map	<p>Shapefile shows the combined broad-scale habitat map for the MMO's East of England inshore and offshore marine plan areas. It supersedes the map that was developed in 2010 for use in the MCZ projects.</p> <p>The 2 key updates are:</p> <ul style="list-style-type: none"> <li>- An update of the MESH combined survey data-derived EUNIS layer: created by combining habitat maps developed from local habitat surveys. Coverage is intertidal and sub tidal, but only where surveys have taken place.</li> <li>- A regional update of the UKSeaMap 2010 model: created by combining physical datasets associated with habitats. Coverage is sub tidal only.</li> </ul>	<a href="http://www.searchMESH.net/webGIS">http://www.searchMESH.net/webGIS</a>
1500009	Joint Nature Conservation Committee	Joint Nature Conservation Committee - Regional MCZ project boundaries	<p>Regional Marine Conservation Zone Project Boundaries.</p>	<a href="http://jncc.defra.gov.uk/page-2409">http://jncc.defra.gov.uk/page-2409</a>
2000024	Joint Nature Conservation Committee	Joint Nature Conservation Committee - EC Habitats Directive Inshore Special Areas of Conservation (UK)	<p>Special Areas of Conservation (SACs) are strictly protected sites designated under the European Commission Habitats Directive. Note: This layer includes candidate sites which have been submitted to the EC but have not yet been formally adopted. It does not include offshore SACs.</p> <p>SACs in territorial waters (within 12 nautical miles of the coast) are identified by the relevant country conservation agency, and co-ordinated and submitted to Government by JNCC. Where a site crosses the 12 nautical mile boundary, if it lies more than 90% in territorial waters, it will be progressed by the relevant country conservation agency. Sites that are between 10 and 90% in territorial waters will be progressed jointly by the relevant country conservation agency and JNCC.</p> <p>In the UK, inshore SACs are designated under the Habitats Regulations. These are the same regulations that support the designation and management of terrestrial and freshwater SACs. There are already 84 SACs with marine components in territorial waters. There are also two SACs that straddle inshore and offshore waters. An ESRI shapefile of these sites is available.</p> <p>England, Scotland and Northern Ireland are looking to identify additional marine SACs within their territorial waters. The SAC network in Welsh waters is largely complete. For more information on SACs in the territorial waters of England, Wales, Scotland and Northern Ireland is available on the country conservation agency websites.</p> <p>This dataset shows the official boundaries of SACs as submitted to the EC. JNCC also maintain a dynamically updated version of this dataset that takes into account changes in the known spatial distribution of protected features however.</p>	<a href="http://jncc.defra.gov.uk/page-5201">http://jncc.defra.gov.uk/page-5201</a>

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900010	Joint Nature Conservation Committee	Joint Nature Conservation Committee - Confidence in UKSeaMap Predictive Seabed Habitat Model 2010 (UK)	The overall predictive seabed habitat confidence model was created by multiplying confidence scores for the main input layers: biological zones; substrate; wave and current kinetic energy confidence scores. Wave and current confidence scores were only used to model confidence in areas below the wavebase, e.g. the infralittoral and circalittoral zones. Biogeography and salinity were not included in the confidence model. Equal weight was given to each of the elements. All input confidence layers and the final confidence layer were produced on scales from 0 to 1. Updated to version 5 on 13th Sept 2011.	<a href="http://jncc.defra.gov.uk/page-5534">http://jncc.defra.gov.uk/page-5534</a>
2000028	Joint Nature Conservation Committee	Joint Nature Conservation Committee - Special Areas of Conservation Areas of Search	Areas of interest for offshore potential SAC's, February 2009. Centroid points to avoid confusion over AoS polygons, i.e. these polygons are not SAC boundaries. □ □ Changes since December 2008 version: Removal of Hatton Bank area of search and Bassurelle Area of Search as these have now been advised to Defra as dSACs.	<a href="http://jncc.defra.gov.uk/page-5201">http://jncc.defra.gov.uk/page-5201</a>
2000032	Joint Nature Conservation Committee	Joint Nature Conservation Committee - United Kingdom OSPAR designated Marine Protected Areas	Dataset shows all UK marine protected areas designated under OSPAR. It reflects all UK OSPAR MPAs, including SAC's, SPA's, MCZ's and NCMPA's, which have been submitted by JNCC on behalf of the UK Administrations to the OSPAR Commission. All of these OSPAR MPAs are existing Natura 2000 sites (SACs and SPAs).	<a href="http://jncc.defra.gov.uk/ProtectedSites/SACselection/gis_data/terms_conditions.asp">http://jncc.defra.gov.uk/ProtectedSites/SACselection/gis_data/terms_conditions.asp</a>
1600018	Keep Britain Tidy	Federation des Experts Compatibles Europeens - Blue Flag Beaches (2009)	This dataset shows Blue Flag Beaches. The Blue Flag Award is an eco-label awarded annually by Keep Britain Tidy in England (on behalf of the Foundation for Environmental Education). It is valid for one year during the bathing season, May to September. The beaches must have designated bathing water status and at least one sampling point within the Blue Flag area of the beach. The bathing water must be monitored and identified under the Bathing Water Directive 76/160/EEC. The award of a Blue Flag is based on compliance with a number of criteria including Environmental Education and Information, Water Quality, Environmental Management and Safety and Services	<a href="http://www.blueflag.org">www.blueflag.org</a>
1600022	Keep Scotland Beautiful	Keep Scotland Beautiful - Blue Flag Beaches 2011	Blue flag beaches in Scotland for 2011.	<a href="http://www.keepsotlandbeautiful.org">www.keepsotlandbeautiful.org</a>
900018	Marine Conservation Society	Blue Mussel Survey Locations (Seasearch)	Survey locations for blue mussel ( <i>Mytilus Edulis</i> ) recorded in Marine Recorder.	<a href="http://www.seasearch.co.uk/nationwide.html">http://www.seasearch.co.uk/nationwide.html</a>
1500029	Marine Management Organisation	Marine Management Organisation Office Locations	The shapefile shows the locations of MMO marine offices.	<a href="http://www.marinemangement.org.uk/a2i/index.htm">http://www.marinemangement.org.uk/a2i/index.htm</a>
1400054	Marine Management Organisation	Marine Management Organisation Legacy Aggregate Dredging Licences	This dataset contains the geographical extents of aggregate licenses issued by either the Marine and Fisheries Agency (MFA) or its successor the Marine Management Organisation (MMO) up until 5th October 2012. The process of marine aggregate extraction occurs offshore to extract aggregate from the seabed.	<a href="http://www.marinemangement.org.uk/a2i/index.htm">http://www.marinemangement.org.uk/a2i/index.htm</a>
800002	Marine Management Organisation	Vector Grid - 0.025 Decimal Degrees	A vector grid covering the extent of the Marine Plan Areas, produced in ArcGIS using ET Geowizard extension. The grid has a resolution of 0.025 Decimal Degrees, which is equivalent to a 90 second grid.	<a href="http://www.marinemangement.org.uk/ai/index.htm">http://www.marinemangement.org.uk/ai/index.htm</a>
800003	Marine Management Organisation	Vector Grid - 0.05 Decimal Degrees	A vector grid covering the extent of the Marine Plan Areas, produced in ArcGIS using ET Geowizard extension. The grid has a resolution of 0.05 Decimal Degrees, which is equivalent to a 3 minute grid.	<a href="http://www.marinemangement.org.uk/ai/index.htm">http://www.marinemangement.org.uk/ai/index.htm</a>
1400055	Marine Management Organisation	Marine Management Organisation Legacy Marine Consents (Point)	This dataset contains the geographical extents of legacy Coast Protection Act 1949 (CPA) consents issued by either the Marine and Fisheries Agency (MFA) or its successor the Marine Management Organisation (MMO) up until 31st March 2011. A CPA consent was required for an activity to take place which may be detrimental to the safety of navigation.	<a href="http://www.marinemangement.org.uk/a2i/index.htm">http://www.marinemangement.org.uk/a2i/index.htm</a>
800004	Marine Management Organisation	Vector Grid - 0.1 Decimal Degrees	A vector grid covering the extent of the Marine Plan Areas, produced in ArcGIS using ET Geowizard extension. The grid has a resolution of 0.1 Decimal Degrees, which is equivalent to a 6 minute grid.	<a href="http://www.marinemangement.org.uk/ai/index.htm">http://www.marinemangement.org.uk/ai/index.htm</a>
1500008	Marine Management Organisation	Marine Management Organisation Marine Plan Areas	The 'Marine Plan Areas' are 11 sub-areas of the 'English inshore and offshore marine planning regions'. The marine plan authority (the Secretary of State in England) is responsible for preparing marine plans for these 11 plan areas with responsibility for plan development delegated to the Marine Management Organisation (MMO). The MMO may wish to make specific local modifications to boundaries if it is perceived that the proposed boundaries could lead to unnecessary difficulties with either the implementation of the Marine Policy Statement or the integration with planning and management mechanisms on land. The boundaries will be subject to stakeholder consultation through the Statement of Public Participation - a process undertaken at the start of plan making. □ □ The MMO may wish to make specific local modifications to boundaries if it is perceived that the proposed boundaries could lead to unnecessary difficulties with either the implementation of the Marine Policy Statement or the integration with planning and management mechanisms on land. The boundaries will be subject to stakeholder consultation through the Statement of Public Participation - a process undertaken at the start of plan making.	<a href="http://data.gov.uk/dataset/marine-management-organisation-marine-plan-areas1">http://data.gov.uk/dataset/marine-management-organisation-marine-plan-areas1</a>
100034	Marine Management Organisation	UKMPG - UK Major Ports	This dataset shows the location of Ports which are owned by members of the UK Major Ports Group.	<a href="http://www.ukmajorports.org.uk/">http://www.ukmajorports.org.uk/</a>
1800016	Marine Management Organisation	Irish European Economic Zone (2014)	This dataset details the Irish exclusive economic zone as per the Maritime jurisdiction (boundaries of exclusive Economic zone) order 2014 (S.I. No. 86 of 2014).	

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1800008	Marine Management Organisation	Marine Management Organisation - Territorial Sea Limits	This dataset contains the territorial sea limits for Wales, Northern Ireland, Scotland and UK/France.	<a href="http://www.marinemangement.org.uk/ai/index.htm">http://www.marinemangement.org.uk/ai/index.htm</a>
1400057	Marine Management Organisation	Marine Management Organisation Legacy Marine Consents (Line)	This dataset contains the geographical extents of legacy FEPA licenses issued by either the Marine and Fisheries Agency (MFA) or its successor the Marine Management Organisation (MMO) up until 31st March 2011. A FEPA license was required for activities involving deposit of an article or substance below mean high water springs.	<a href="http://www.marinemangement.org.uk/a2i/index.htm">http://www.marinemangement.org.uk/a2i/index.htm</a>
2000030	Marine Management Organisation	Marine Management Organisation - Strategic Marine Protected Areas Management Areas	The MMO have a statutory responsibility for managing Marine Protected Areas (MPA) in English waters out to the continental shelf limits. There are 75 European Marine Sites (EMS) in English waters. A strategic approach to MPA management has been developed to help oversee this work. The information within this dataset provides a high-level view for all EMS sites in English waters.	<a href="http://www.marinemangement.org.uk/protecting/conservation/index.htm">http://www.marinemangement.org.uk/protecting/conservation/index.htm</a>
1500039	Marine Management Organisation	Areas of Identified Tidal Stream Resource defining boundary of policy TIDE1 in the East Inshore and East Offshore marine plans	The dataset sets out areas of identified tidal stream resource that could be harnessed in the future for power generation and as such are protected by policy TIDE1 in the Draft East Inshore and East Offshore marine plans. The areas have been identified using the same parameters that defined The Crown Estates Wave and Tidal Key Resource Areas work ( <a href="http://www.thecrownestate.co.uk/media/355255/uk-wave-and-tidal-key-resource-areas-project.pdf">http://www.thecrownestate.co.uk/media/355255/uk-wave-and-tidal-key-resource-areas-project.pdf</a> ) but are limited to the East inshore and East offshore marine plan areas. The MMO used SeaZone bathymetry data filtered to sites of 5m depth and over and the Atlas of UK Renewable Energy Resource ( <a href="http://www.renewables-atlas.info/">http://www.renewables-atlas.info/</a> ) with mean spring peak current filtered to over 1.5m/s.	<a href="http://www.marinemangement.org.uk/marineplanning/mis/ports-shipping.htm">http://www.marinemangement.org.uk/marineplanning/mis/ports-shipping.htm</a>
1500030	Marine Management Organisation	Fish Recovery Zones	This dataset identifies the Cod Recovery Zone (CRZ), Sole Recovery Zone (SRZ), Biologically sensitive area and Celtic Sea closure area.	<a href="http://www.marinemangement.org.uk/ai/index.htm">http://www.marinemangement.org.uk/ai/index.htm</a>
100066	Marine Management Organisation	Southwold Permitted Ship to Ship Transfer Site	This dataset represents the only site in England where oil can legally be transferred between vessels.	
100059	Marine Management Organisation	Current Aquaculture (GardLine)	Areas identified through GIS modelling of suitable environmental conditions in the South and East Marine Plan Areas favourable for macroalgae culture, Bivalve Bottom Culture, Finfish Cage, Lobster Restocking, Rope Cultured Bivalve Shellfish or Trestle/Bag Culture of Bivalves in the South and East Coast Marine Plan Areas. This dataset forms part of a wider study assessing different aquaculture potential in the South and East Marine Plan Areas for the Marine Management Organisation, project MMO1040.	<a href="http://www.marinemangement.org.uk/a2i/index.htm">http://www.marinemangement.org.uk/a2i/index.htm</a>
100056	Marine Management Organisation	Automatic Identification Systems Track Lines (Associated British Ports Marine Environmental Research)	Contains transit lines showing vessel transit for one week.	<a href="http://www.abpmer.co.uk/">http://www.abpmer.co.uk/</a>
100055	Marine Management Organisation	Automatic Identification Systems (Associated British Ports Marine Environmental Research)	The MMO commissioned ABPmer to develop approaches for the mapping of shipping activity using Automatic Identification System (AIS) data. This dataset was one of the final outputs and displays the transit density per 0.25km2 grid.	
400003	Marine Management Organisation	Marine Management Organisation Socio-Economic Typologies of Coastal Communities	Created as part of the MMO report "Maximising the Socio-Economic Impacts of Marine Planning for English Coastal Communities" (planning team). Differentiates between different types of coastal areas on the basis of their socio-economic characteristics.  Further information on coastal typologies can be found on page 97 of the report.	<a href="http://www.marinemangement.org.uk/ai/index.htm">http://www.marinemangement.org.uk/ai/index.htm</a>
1600089	Marine Management Organisation	MMO1064 marine recreation model output to inform the potential for Motor Boating in England	This model output illustrates the potential for leisure Motor Boating activity in English waters as part of the MMO1064 marine recreation modelling project. It was compiled using 24 input parameters and a defined 1km2 analysis grid. The purpose of this study was to develop a computer model to map areas of potential marine recreation in England and support data previously gathered on marine recreation to support the decision making process of marine planning.	<a href="#">MMO1064_Motor_Boat_Model</a>
1500038	Marine Management Organisation	Coastal Partnership Network Areas	The Coastal Partnership Network (CPN) exists to encourage the exchange of information and debate between Coastal Partnership Officers and to establish links with other coastal stakeholders. □ □ Boundary layers have been created as part of a research project to identify the geographic coverage of each English Coastal Partnership. The layer was created and used to assist in preparation of maps for the project report. Definitive copies of this boundary should be sought from the relevant authority.	<a href="http://www.coastalpartnershipsnetwork.org.uk/">http://www.coastalpartnershipsnetwork.org.uk/</a>
800001	Marine Management Organisation	Vector Grid - 0.01 Decimal Degrees	A vector grid covering the extent of the Marine Plan Areas, produced in ArcGIS using ET Geowizard extension. The grid has a resolution of 0.01 Decimal Degrees, which is equivalent to a 36 second grid.	<a href="http://www.marinemangement.org.uk/ai/index.htm">http://www.marinemangement.org.uk/ai/index.htm</a>
1500040	Marine Management Organisation	Future Aggregates Resource Areas defining boundary of policy AGG3 in the East Inshore and East Offshore marine plans	This dataset has been created to define future aggregate resource areas (AGG3) as shown in the MMO report Draft East Inshore and East Offshore marine plans. The data represents key outputs from the British Geological Survey (BGS) Report, 'The Mineral Resources of The East Inshore and East Offshore Marine Plan Areas' (Bide et al, 2011). This depicts mineral resources with current or potential future economic interest in the East Inshore and East Offshore marine plan areas. The data displayed on the map was created by combining: The geological distribution of all offshore aggregate minerals and Prospective areas for coarse sand and gravel in the Humber, East Anglia region and the Outer Thames Estuary.	<a href="http://www.marinemangement.org.uk/marineplanning/mis/aggregates.htm">http://www.marinemangement.org.uk/marineplanning/mis/aggregates.htm</a>

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1500044	Marine Management Organisation	Important Navigation Routes defining boundary of policy PS2 in the East Inshore and East Offshore marine plans	The data to define the extent of policy PS2 in the East Inshore and East Offshore marine plans was based on identification of important navigation routes. Important navigation routes are areas defined as being where there are more than 1,000 vessel transits per year. Within these defined areas, important navigation routes are identified by taking the 90th percentile from the median line of all shipping traffic. Important navigation routes were then cropped to remove (1) routes passing through Round 3 offshore wind zones and (2) parts of routes within port and harbour jurisdictions. This dataset was produced by Anatec Ltd using Anatec's ShipRoutes database to identify areas of high shipping density and vessel tracks in the East Inshore and East Offshore plan areas. This database uses AIS data (Automatic Identification System) and modelling to define routes.	<a href="http://www.marinemangement.org.uk/marineplanning/mis/ports-shipping.htm">http://www.marinemangement.org.uk/marineplanning/mis/ports-shipping.htm</a>
1500021	Marine Management Organisation	Marine Management Organisation Marine Areas	New MMO Marine Areas showing geographical areas of jurisdiction within the MMO internally. This dataset replaces MMO 'Regions' or 'Districts'.	<a href="http://www.marinemangement.org.uk/ai/index.htm">http://www.marinemangement.org.uk/ai/index.htm</a>
400011	Marine Management Organisation	South Coast Inshore and Offshore Plan Areas GVA Economic Assessment	Forms part of the economic baseline project undertaken by Eunomia on behalf of the MMO for the economic baseline for the South Marine Plan Areas (MMO Project No:1050) available at <a href="http://www.marinemangement.org.uk/evidence">www.marinemangement.org.uk/evidence</a> <ul style="list-style-type: none"> <li>□ Contains a high level estimate of the Gross Value Added (GVA) in pounds within the south inshore and offshore marine plan areas expressed on a 10km2 grid for the following sectors in 2013/14 and 2032/33. All values are in 2013 prices and in real terms. □</li> <li>□ Sectors included are: □ <ul style="list-style-type: none"> <li>• Aggregates; □</li> <li>• Aquaculture; □</li> <li>• Coastal Tourism; □</li> <li>• Dredging; □</li> <li>• Fisheries; □</li> <li>• Marine Recreation; □</li> <li>• Ports; □</li> <li>• Renewables (2032/33 only); and □</li> <li>• Shipping</li> </ul> </li> </ul>	<a href="http://www.marinemangement.org.uk/a2i/index.htm">http://www.marinemangement.org.uk/a2i/index.htm</a>
1400051	Marine Management Organisation	Burial at Sea Sites - Marine Management Organisation	This site shows 2 of the 3 UK burial at sea sites. Location information has not been provided for the site in Tynemouth. Burial at sea requires a marine license from the MMO.	<a href="http://www.marinemangement.org.uk/licensing/documents/guidance/06.pdf">http://www.marinemangement.org.uk/licensing/documents/guidance/06.pdf</a>
400014	Marine Management Organisation	Future Fisheries Trends Average Landings Values 2007 - 2001	Data layer of average landings value(2007 to 2011) for the under-15m and over-15m fleets for all gear types developed for the Future Trends in Fishing and Aquaculture in the South Inshore and Offshore Marine Plan Areas (MMO Project No. 1051) by ABPmer. The under-15m fishing data was derived from the MCZ Fisheries Model grid output for 2007 to 2010 (updated to 2011 from MMO landings data) and the over-15m fishing data was derived from the VMS sub-ICES rectangle data provided by MMO.	
1500037	Marine Management Organisation	Fisheries Area Closures (Juvenile & Real Time)	This dataset provides the spatial extent of Real time closures (RTC) and Juvenile closures since April 2010. The purpose of RTCs are to ensure sufficient efforts are made to reduce cod mortality. Closures are taken from those areas with the highest cod catch rate (per hour), based on data from historical landings per unit effort (LPUE) over the previous 4 years. □ □ In September 2009 the European Community and Norway agreed to implement an RTC scheme in the North Sea and Skagerrak for the protection of juvenile cod, haddock, whiting and saithe. The Juvenile closures scheme is independent of the UK RTC scheme in place for cod. Incursions are enforced directly through the European legislation (Commission Regulation 724/2009). For the purposes of completeness the Juvenile closures have been included in this dataset.	<a href="http://www.marinemangement.org.uk/a2i/index.htm">http://www.marinemangement.org.uk/a2i/index.htm</a>
1600093	Marine Management Organisation	MMO1064 marine recreation model output to inform the potential for Scuba Diving in England	This model output illustrates the potential for Scuba Diving activity in English waters as part of the MMO1064 marine recreation modelling project. It was compiled using 24 input parameters and a defined 1km2 analysis grid. The purpose of this study was to develop a computer model to map areas of potential marine recreation in England and support data previously gathered on marine recreation to support the decision making process of marine planning.	
1600088	Marine Management Organisation	MMO1064 marine recreation model output to inform the potential for Boat Angling in England	This model output illustrates the potential for Boat Based Angling activity in English waters as part of the MMO1064 marine recreation modelling project. It was compiled using 24 input parameters and a defined 1km2 analysis grid. The purpose of this study was to develop a computer model to map areas of potential marine recreation in England and support data previously gathered on marine recreation to support the decision making process of marine planning.	

URI	Distributor	Title	Resource Abstract	Resource Locator URL
1600087	Marine Management Organisation	MMO1064 marine recreation model output to inform the potential for Beach Activities in England	This model output illustrates the potential for beach activity (including swimming) around the English Coast as part of the MMO1064 marine recreation modelling project. It was compiled using 24 input parameters and a defined 1km2 analysis grid. The purpose of this study was to develop a computer model to map areas of potential marine recreation in England and support data previously gathered on marine recreation to support the decision making process of marine planning.	
1600090	Marine Management Organisation	MMO1064 marine recreation model output to inform the potential for Paddle Sports in England	This model output illustrates the potential for Paddle sports activity in English waters as part of the MMO1064 marine recreation modelling project. It was compiled using 24 input parameters and a defined 1km2analysis grid. The purpose of this study was to develop a computer model to map areas of potential marine recreation in England and support data previously gathered on marine recreation to support the decision making process of marine planning.	
900023	Marine Management Organisation	Essential Fish Habitats Ecological Value Maps	Hotspots of higher ecological value are identified based on all the 18 Essential Fish Habitats (EFH) modelled in the project MMO1044, including plaice (adult foraging grounds, nursery and spawning grounds), sole (nursery and spawning grounds), lemon sole (nursery and spawning grounds), dab (nursery and spawning grounds), red gurnard (nursery and spawning grounds), common dragonet (nursery and spawning grounds), solenette (nursery and spawning grounds), thickback sole (nursery grounds), thornback ray (nursery grounds), herring (spawning grounds). The ecological value of marine areas is shown as the frequency of occurrence of EFH in the study area (overall and distinguished by EFH function), within a grid of 5*5km resolution.	
1600091	Marine Management Organisation	MMO1064 marine recreation model output to inform the potential for Personal Watercraft in England	This model output illustrates the potential for Personal Watercraft activity English waters as part of the MMO1064 marine recreation modelling project. It was compiled using 24 input parameters and a defined 1km2 analysis grid. The purpose of this study was to develop a computer model to map areas of potential marine recreation in England and support data previously gathered on marine recreation to support the decision making process of marine planning.	
1400061	Marine Management Organisation	Offshore Shellfish Mussel Farm Lease Sites	Data layer showing the location of Offshore Shellfish Ltd's three offshore rope cultured mussel farm. These were digitised from a georectified map taken from <a href="http://www.offshoreshellfish.com/">http://www.offshoreshellfish.com/</a> . This data layer cannot be used as exact locations as no coordinates were supplied. For full details see the report "MMO (2013) Future trends in Fishing and Aquaculture in the South Inshore and Offshore Marine Plan Areas. A report produced for the Marine Management Organisation, pp 2. MMO Project No: 1051."	<a href="http://offshoreshellfish.com">http://offshoreshellfish.com</a>
100035	Marine Management Organisation	Marine Management Organisation - Fishing Ports and Vessels 2010 (UK)	Shows numbers of registered and licensed UK fishing vessels by their UK home port (port where they are usually based) as at 1st January 2010. The following fields are used: "Home_port" = Name of home port "Lat" = latitude of port "Long" = longitude of port "10m_and_under" = Number of vessels less than or equal to 10 metres overall length per port "Over_10m" = Number of vessels over 10 metres overall length per port Note: Not all UK registered and licensed vessels are included as some home ports are unknown or the home port is abroad	<a href="http://www.marinemangement.org.uk/ai/index.htm">http://www.marinemangement.org.uk/ai/index.htm</a>
1600092	Marine Management Organisation	MMO1064 marine recreation model output to inform the potential for Sailing in England	This model output illustrates the potential for Sailing activity in English waters as part of the MMO1064 marine recreation modelling project. It was compiled using 24 input parameters and a defined 1km2analysis grid. The purpose of this study was to develop a computer model to map areas of potential marine recreation in England and support data previously gathered on marine recreation to support the decision making process of marine planning.	
1600100	Marine Management Organisation	Automatic Information System Density Grids 2012	Feature Dataset contains shipping density grids for the whole of the UK at a 2.0 km resolution. Each weekly grid contains the densities of transits passing through each cell for one week. For the 2011 weekly average density grid, the total value for all 6 weeks was divided by 6, therefore, decimal values may occur for certain cells. Ship Type Groups: 0 - Unknown Vessels 1 - Non-Port service craft 2 - Port service craft 3 - Vessels engaged in dredging or underwater operations 4 - High Speed Craft 5 - Military or Law enforcement 6 - Passenger 7 - Cargo 8 - Tankers 9 - Fishing vessels 10 - Recreational vessels	
1600094	Marine Management Organisation	MMO1064 marine recreation model output to inform the potential for Shore Angling in England	This model output illustrates the potential for Shore Angling activity around the English Coast as part of the MMO1064 marine recreation modelling project. It was compiled using 24 input parameters and a defined 1km2 analysis grid. The purpose of this study was to develop a computer model to map areas of potential marine recreation in England and support data previously gathered on marine recreation to support the decision making process of marine planning.	

URI	Distributor	Title	Resource Abstract	Resource Locator URL
1600042	Marine Management Organisation	Marine Management Organisation UK Fishing Fleet Landings 2010	Annual statistics for commercial fishing activity by UK registered fishing vessels in 2010. Statistics are provided for the North East Atlantic (FAO Major Area 27) by gear to ICES statistical rectangle level on landings by live weight (tonnes), landings by value (pounds sterling), time spent fishing (days) and number of vessels. Gear types are shown at the level of the International Standard Statistical Classification of Fishing Gear (ISSCFG) and also aggregated into different groups to allow analysis at different levels.	<a href="http://www.marinemanagement.org.uk/ai/index.htm">http://www.marinemanagement.org.uk/ai/index.htm</a>
1500004	Marine Management Organisation	Marine Management Organisation - Areas Regulated under the Common Fisheries Policy	This dataset provides spatial point information on the location of UK Admin Ports which manage the Common Fisheries Policy Areas and the Fishing Ports that they are associated with.	<a href="http://www.marinemanagement.org.uk/a2i/index.htm">http://www.marinemanagement.org.uk/a2i/index.htm</a>
1600040	Marine Management Organisation	Fishing Activity for >15m UK Vessels 2007-2010	This dataset shows fishing effort for >15m vessels which are deemed to be fishing over the temporal period stated. The results have been separated into aggregated gear groups. The positional data has been extracted from Vessel Monitoring Data. At its highest resolution data attributes contain information on the following per 0.05 degree sub-rectangle :-  Gear Type - Number of >15m vessels using gear type Time (minutes) using gear type Quantity (tonnes) of live weight fish landed with gear type Value (sterling) of live weight fish landed with gear type.  Values and Gear Types may be aggregated for sub-rectangles. This is to protect personal or commercially sensitive information in-line with the Data Protection Act.	<a href="http://www.marinemanagement.org.uk/ai/index.htm">http://www.marinemanagement.org.uk/ai/index.htm</a>
1600096	Marine Management Organisation	MMO1064 marine recreation model output to inform the potential for Wildlife Watching by boat in England	This model output illustrates the potential for wildlife watching by boat in English waters as part of the MMO1064 marine recreation modelling project. It was compiled using 24 input parameters and a defined 1km2 analysis grid. The purpose of this study was to develop a computer model to map areas of potential marine recreation in England and support data previously gathered on marine recreation to support the decision making process of marine planning.	
1400069	Marine Management Organisation	Marine Case Management System Extract (Point)	This dataset is an extract of the Marine Management Organisation (MMO) Marine Case Management System (MCMS). It is updated monthly, with this version dated 20th October 2014. Each feature represents an area that is the subject of a marine licence application or has already been licensed.	
1400070	Marine Management Organisation	Marine Case Management System Extract (Line)	This dataset is an extract of the Marine Management Organisation (MMO) Marine Case Management System (MCMS). It is updated monthly, with this version dated 20th October 2014. Each feature represents an area that is the subject of a marine licence application or has already been licensed.	
900019	Marine Management Organisation	Combined Habitat Map (National) (JNCC)	The shapefile shows the combined broad scale habitat map at a national scale. It incorporates; the predictive habitat layer from UKSeaMap 2010, JNCCs revised habitat layer for the MMOs East Plan Area and MESH survey data from April 2013.	<a href="http://jncc.defra.gov.uk/page-5534">http://jncc.defra.gov.uk/page-5534</a>
1600097	Marine Management Organisation	MMO1064 marine recreation model output to inform the potential for Wildlife Watching on land in England	This model output illustrates the potential for wildlife watching on land around the English Coast as part of the MMO1064 marine recreation modelling project. It was compiled using 24 input parameters and a defined 1km2 analysis grid. The purpose of this study was to develop a computer model to map areas of potential marine recreation in England and support data previously gathered on marine recreation to support the decision making process of marine planning.	
1600098	Marine Management Organisation	MMO1064 marine recreation model output to inform the potential for Windsurfing in England	This model output illustrates the potential for Windsurfing activity in English waters as part of the MMO1064 marine recreation modelling project. It was compiled using 24 input parameters and a defined 1km2 analysis grid. The purpose of this study was to develop a computer model to map areas of potential marine recreation in England and support data previously gathered on marine recreation to support the decision making process of marine planning.	
1600099	Marine Management Organisation	Automatic Information System Density Grids 2011	Feature Dataset contains shipping density grids for the whole of the UK at a 2.0 km resolution. Each weekly grid contains the densities of transits passing through each cell for one week. For the 2011 weekly average density grid, the total value for all 6 weeks was divided by 6, therefore, decimal values may occur for certain cells. Ship Type Groups: 0 - Unknown Vessels 1 - Non-Port service craft 2 - Port service craft 3 - Vessels engaged in dredging or underwater operations 4 - High Speed Craft 5 - Military or Law enforcement 6 - Passenger 7 - Cargo 8 - Tankers 9 - Fishing vessels 10 - Recreational vessels	
1600095	Marine Management Organisation	MMO1064 marine recreation model output to inform the potential for Surfing in England	This model output illustrates the potential for Surfing activity in English waters as part of the MMO1064 marine recreation modelling project. It was compiled using 24 input parameters and a defined 1km2 analysis grid. The purpose of this study was to develop a computer model to map areas of potential marine recreation in England and support data previously gathered on marine recreation to support the decision making process of marine planning.	

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1500054	Marine Management Organisation	Carbon capture storage defining boundary of policy CCS1 in the East Inshore and East Offshore marine plans	This dataset has been created to define potential opportunity for carbon capture and storage (CCS1) as shown in the MMO East Inshore and East Offshore marine plans. The data has been derived from Hydrocarbon Fields (UK Deal) and Aquifer Structures (British Geological Survey). The hydrocarbon field's dataset identifies active and inactive oil and gas fields, a selection was made to identify those fields either in production or no longer in production (identified due to the existing infrastructure present). Due to the high concentration of existing fields within the East Marine Plan area it provides the greatest opportunity for Carbon Capture Storage. These fields were then combined with saline aquifers as defined in the BGS dataset to identify areas for potential opportunities of CCS. The sites identified in this dataset are not currently being used for Carbon Capture Storage (CCS), they have been identified as an indication of potential areas.	<a href="http://www.marinemangement.org.uk/marineplanning/mis/energy.htm">http://www.marinemangement.org.uk/marineplanning/mis/energy.htm</a>
1400068	Marine Management Organisation	Marine Case Management System Extract (Polygon)	This dataset is an extract of the Marine Management Organisation (MMO) Marine Case Management System (MCMS). It is updated monthly, with this version dated 20th October 2014. Each feature represents an area that is the subject of a marine licence application or has already been licensed.	
1500006	Marine Management Organisation	Marine Management Organisation - Marine Management Organisation Administration Areas	This dataset comprises of the 8 Marine Management Organisation Districts across England.	<a href="http://www.marinemangement.org.uk/ai/index.htm">http://www.marinemangement.org.uk/ai/index.htm</a>
1600081	Marine Planning Consultants	Wight Dolphin Sub-Aqua Club Dive Sites	Data provided by Chris Marsh of Wight Dolphin Sub-Aqua Club as latitude and longitude bounding coordinates. Points were imported to ArcGIS v9.3, and joined to derive the dive area.	
1600080	Marine Planning Consultants	Wigh Dolphin Sub-Aqua Club Dive Area	"WDSAC_Dive_Area" outlines data identified as part of the MPCs efforts to gather spatial datasets across the south coast. The data shows an area popular for diving with the Wight Dolphin Sub-Aqua Club, off the east coast of the Isle of Wight. Methods and dates of data capture are unknown.	
2100029	Marine Scotland	Grey Seal Density - Marine Scotland	This dataset shows the at-sea density of Grey seals ( <i>Halichoerus grypus</i> ) using telemetry (tracking) data from 1991-2010 which has been combined with aerial survey data from 1988-2009 within the East Coast Marine Plan area. It is the average number of seals in each 5km2 grid square at any point in time. For the full report please visit the Marine Scotland website.	<a href="http://www.scotland.gov.uk/Topics/marine/science/MSInteractive/Themes/seal-density">http://www.scotland.gov.uk/Topics/marine/science/MSInteractive/Themes/seal-density</a>
2100033	Marine Scotland	Grey Seal Upper 95% Confidence - Marine Scotland	The upper and lower 95% confidence datasets show intervals of the means of density estimates. This shows confidence in SMRU's estimation of the mean of the density in each cell rather than showing the actual day to day variability in density. It can be used as an additional assessment tool to indicate whether further data collection and/or analysis should be carried out in the form of characterisation surveys. For the full report please visit the Marine Scotland website.	<a href="http://www.scotland.gov.uk/Topics/marine/science/MSInteractive/Themes/seal-density">http://www.scotland.gov.uk/Topics/marine/science/MSInteractive/Themes/seal-density</a>
2100028	Marine Scotland	Harbour Seal Density - Marine Scotland	This dataset shows the at-sea density of Harbour seals ( <i>Phoca vitulina</i> ) using telemetry (tracking) data from 2003-06 which has been combined with aerial survey data from 1988-2009 within the East Coast Marine Plan area. It is the average number of seals in each 5km2 grid square at any point in time. 'At sea' density shows the marine distribution and should be used when only the marine environment is being considered. For the full report please visit the Marine Scotland website.	<a href="http://www.scotland.gov.uk/Topics/marine/science/MSInteractive/Themes/seal-density">http://www.scotland.gov.uk/Topics/marine/science/MSInteractive/Themes/seal-density</a>
2100031	Marine Scotland	Harbour Seal Lower 95% Confidence - Marine Scotland	The upper and lower 95% confidence datasets show intervals of the means of density estimates. This shows confidence in SMRU's estimation of the mean of the density in each cell rather than showing the actual day to day variability in density. It can be used as an additional assessment tool to indicate whether further data collection and/or analysis should be carried out in the form of characterisation surveys. For the full report please visit the Marine Scotland website.	<a href="http://www.scotland.gov.uk/Topics/marine/science/MSInteractive/Themes/seal-density">http://www.scotland.gov.uk/Topics/marine/science/MSInteractive/Themes/seal-density</a>
2100032	Marine Scotland	Grey Seal Lower 95% Confidence - Marine Scotland	The upper and lower 95% confidence datasets show intervals of the means of density estimates. This shows confidence in SMRU's estimation of the mean of the density in each cell rather than showing the actual day to day variability in density. It can be used as an additional assessment tool to indicate whether further data collection and/or analysis should be carried out in the form of characterisation surveys. For the full report please visit the Marine Scotland website.	<a href="http://www.scotland.gov.uk/Topics/marine/science/MSInteractive/Themes/seal-density">http://www.scotland.gov.uk/Topics/marine/science/MSInteractive/Themes/seal-density</a>
2100030	Marine Scotland	Harbour Seal Upper 95% Confidence - Marine Scotland	The upper and lower 95% confidence datasets show intervals of the means of density estimates. This shows confidence in SMRU's estimation of the mean of the density in each cell rather than showing the actual day to day variability in density. It can be used as an additional assessment tool to indicate whether further data collection and/or analysis should be carried out in the form of characterisation surveys. For the full report please visit the Marine Scotland website.	<a href="http://www.scotland.gov.uk/Topics/marine/science/MSInteractive/Themes/seal-density">http://www.scotland.gov.uk/Topics/marine/science/MSInteractive/Themes/seal-density</a>
2800002	Maritime and Coastguard Agency	Ministry of Defence - UK Military Protected Wrecks	This dataset provides spatial point data on the locations of Protected Wrecks designated under the Protection of Military Remains Act 1986. A number of these designated sites are controlled by the MOD and include an exclusion zone.	<a href="http://www.dft.gov.uk/mca/mcga-home/emergencyresponse/mcga-receiverofwreck/mcga-protectedwrecks.htm">http://www.dft.gov.uk/mca/mcga-home/emergencyresponse/mcga-receiverofwreck/mcga-protectedwrecks.htm</a>

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1400022	Ministry of Defence	Ministry of Defence - Military Low Flying Zones, UK	<p>Outlines areas where the MOD anticipates the construction of wind turbines would result in considerable and significant concerns due to their likely effect on the UK low flying system.</p> <p>This been published for the purpose of offering guidance about locations likely to be problematic and is not intended as a binding statement of MOD procedure nor policy.</p> <p>Amber areas represent where the MOD anticipates wind turbine construction would require mitigation.</p> <p>Blue areas represent where the MOD anticipates wind turbine construction would likely result in concern.</p> <p>Green areas represent areas where MOD does not have any military low flying concerns.</p> <p>Anyone considering making applications for permission to erect turbines within any of these areas is therefore encouraged to liaise with MOD.</p>	<a href="https://restats.decc.gov.uk/cms/aviation-safeguarding-maps">https://restats.decc.gov.uk/cms/aviation-safeguarding-maps</a>
1400024	Ministry of Defence	Ministry of Defence - Safeguarding Data within 5km of the High Water Mark (2011)	MOD - Safeguarding Data within 5km of the High Water Mark (2011) England	<a href="http://www.mod.uk/DefenceInternet/MicroSite/DE/WhatWeDo/Operations/ModSafeguarding.htm">http://www.mod.uk/DefenceInternet/MicroSite/DE/WhatWeDo/Operations/ModSafeguarding.htm</a>
1400029	Ministry of Defence	Munitions Disposal Sites - Chemical (Post 1945)	<p>Post World War II Britain was faced with the need to dispose of an enormous surplus of munitions. Due to time and technological limitations it soon became clear that sea dumping was likely to be the only practical means of disposal.</p> <p>A number of sites have been used for the disposal of munitions. It is estimated that a million tons of conventional munitions ranging from small arms ammunition to heavy aircraft bombs were dumped there. It is also known that 14,000 tons of shells containing phosgene were dumped into the Dyke. After the 1940s disposals to Beaufort's Dyke continued on a much smaller scale until the 1970s.</p> <p>Chemical weapons disposed of in the Atlantic were packed into sealed drums which were then placed into redundant merchant ships. The merchant ships were then scuttled at the specific locations in the Atlantic quoted in the attached list.</p>	<a href="http://www.mod.uk/DefenceInternet/AboutDefence/CorporatePublications/HealthandSafetyPublications/SSDCD/SustainableDevelopmentPolicy/DisposalOfMunition">http://www.mod.uk/DefenceInternet/AboutDefence/CorporatePublications/HealthandSafetyPublications/SSDCD/SustainableDevelopmentPolicy/DisposalOfMunition</a>
1400031	Ministry of Defence	Munitions Disposal Sites - Disused	<p>Post World War II Britain was faced with the need to dispose of an enormous surplus of munitions. Due to time and technological limitations it soon became clear that sea dumping was likely to be the only practical means of disposal.</p> <p>A number of sites have been used for the disposal of munitions. It is estimated that a million tons of conventional munitions ranging from small arms ammunition to heavy aircraft bombs were dumped there. It is also known that 14,000 tons of shells containing phosgene were dumped into the Dyke. After the 1940s disposals to Beaufort's Dyke continued on a much smaller scale until the 1970s.</p> <p>Chemical weapons disposed of in the Atlantic were packed into sealed drums which were then placed into redundant merchant ships. The merchant ships were then scuttled at the specific locations in the Atlantic quoted in the attached list.</p>	<a href="http://www.mod.uk/DefenceInternet/AboutDefence/CorporatePublications/HealthandSafetyPublications/SSDCD/SustainableDevelopmentPolicy/DisposalOfMunition">http://www.mod.uk/DefenceInternet/AboutDefence/CorporatePublications/HealthandSafetyPublications/SSDCD/SustainableDevelopmentPolicy/DisposalOfMunition</a>
1400021	Ministry of Defence	Ministry of Defence - Defence Estate properties within 5km of the High Water Mark (2011)	Extract from the Defence Property Gazetteer showing all Defence Estate Properties within 5KM of the High Water mark in England.	<a href="http://www.mod.uk/DefenceInternet/MicroSite/DE/WhatWeDo/Operations/ModSafeguarding.htm">http://www.mod.uk/DefenceInternet/MicroSite/DE/WhatWeDo/Operations/ModSafeguarding.htm</a>
100053	Ministry of Defence	Ministry of Defence - Meteorological Office Weather Radar Interference Zones (GB)	<p>This datasets shows Met Office Weather Radar and areas of concern. It is not clear what the concern is caused by or to.</p> <p>Pink (Inner circle) represents areas likely to raise significant concerns. Concerns will be difficult to overcome. If overcome mitigation will be necessary.</p> <p>Orange (Outer Circle) represents areas likely to raise concerns. Mitigation may be necessary.</p>	<a href="https://restats.decc.gov.uk/cms/aviation-safeguarding-maps/">https://restats.decc.gov.uk/cms/aviation-safeguarding-maps/</a>

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1400030	Ministry of Defence	Munitions Disposal Sites - Radioactive	<p>From 1946 to 1993 the UK disposed of amounts of both civilian and radioactive waste at sea, in accordance with national policy and legislation, and with later international agreements regulating such disposals.</p> <p>These dumpings were carried out as part of the national programme of radioactive waste disposal at sea, run by the UK Atomic Energy Authority (UKAEA).</p> <p>Hurd Deep, located in the English Channel, was used after World War I for the dumping of both chemical and conventional munitions and from 13/07/45 - 31/07/46 for the dumping of conventional munitions.</p> <p>Further routine dumpings of munitions took place at Hurd Deep until 1973 with an emergency dump of conventional munitions in 1974.</p> <p>Hurd Deep was used between 1946 and 1973 for dumping of low and intermediate level radioactive wastes.</p> <p>Sea dumping of high level radioactive waste was banned globally under the London Convention of 1972, although this did not cover the disposal of intermediate and low level waste.</p> <p>In 1993 the MOD agreed to an indefinite ban on the disposal at sea of intermediate and low level radioactive waste, although in practice such dumpings had been discontinued by the UK in 1983.</p>	<p><a href="http://www.mod.uk/DefenceInternet/AboutDefence/CorporatePublications/HealthandSafetyPublications/DSEA/DisposalOfMunitionsAtSea.htm">http://www.mod.uk/DefenceInternet/AboutDefence/CorporatePublications/HealthandSafetyPublications/DSEA/DisposalOfMunitionsAtSea.htm</a></p>
100037	National Air Traffic Service	Civil Aviation Authority - Aerodrome Consultation Zones (GB)	<p>This dataset shows the consultation zones surrounding Civil Aviation Authority Aerodromes and Airfields. It outlines the area surrounding an aerodrome or airport in which windfarms are likely to cause radar interference.</p> <p>It has been developed by NATS En-Route Plc (NERL) who are the regulated monopoly provider of UK and Oceanic en route air traffic services operating under Licence granted by the CAA. The intended use of this data is to aid developers in understanding where interference with NERL infrastructure is likely.</p>	<p><a href="http://www.nats.co.uk/services/information/wind-farms/self-assessment-maps/">http://www.nats.co.uk/services/information/wind-farms/self-assessment-maps/</a></p>
100036	National Air Traffic Service	Civil Aviation Authority - Aerodromes and Airfields (GB)	<p>This dataset shows the location of Civil Aviation Authority Aerodromes and Airfields. It has been developed by NATS En-Route Plc (NERL) who are the regulated monopoly provider of UK and Oceanic en route air traffic services operating under Licence granted by the CAA. The intended use of this data is to aid developers in understanding where interference with NERL infrastructure is likely.</p>	<p><a href="http://www.nats.co.uk/services/information/wind-farms/self-assessment-maps/">http://www.nats.co.uk/services/information/wind-farms/self-assessment-maps/</a></p>
100048	National Air Traffic Service	NERL - Radar Interference from Wind Farm Turbines (Turbine Height 100m)	<p>The dataset shows where wind farm turbine developments are likely to interfere with the operational infrastructure of NERL.</p> <p>These data are a refreshed version of the NATS radar interference dataset (only for operational interference) at 100m.</p> <p>This dataset was created to provide developers with information about areas where wind turbine developments may be of concern to NATS En Route Plc (NERL) in offshore renewable energy developments.</p> <p>It should be noted that the data has been developed with an assumed wind farm turbine height of 100m. Data is available for an assumed height of between 20m and 200m in 20m intervals, however each interval is provided in a separate shapefile and is subject to individual processing.</p> <p>Interference is height dependent as it is assumed that the greater the height of the turbine the greater the distance that it will be visible to a receiving station.</p>	<p><a href="http://www.nats.co.uk/services/information/wind-farms/self-assessment-maps/">http://www.nats.co.uk/services/information/wind-farms/self-assessment-maps/</a></p>

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100050	National Air Traffic Service	NERL - Radar Interference from Wind Farm Turbines (Turbine Height 160m)	<p>The dataset shows where wind farm turbine developments are likely to interfere with the operational infrastructure of NERL.</p> <p>These data are a refreshed version of the NATS radar interference dataset (only for operational interference) at 160m.</p> <p>This dataset was created to provide developers with information about areas where wind turbine developments may be of concern to NATS En Route Plc (NERL) in offshore renewable energy developments.</p> <p>It should be noted that the data has been developed with an assumed wind farm turbine height of 160m. Data is available for an assumed height of between 20m and 200m in 20m intervals, however each interval is provided in a separate shapefile and is subject to individual processing.</p> <p>Interference is height dependent as is it is assumed that the greater the height of the turbine the greater the distance that it will be visible to a receiving station.</p>	<a href="http://www.nats.co.uk/services/information/wind-farms/self-assessment-maps/">http://www.nats.co.uk/services/information/wind-farms/self-assessment-maps/</a>
100049	National Air Traffic Service	NERL - Radar Interference from Wind Farm Turbines (Turbine Height 120m)	<p>The dataset shows where wind farm turbine developments are likely to interfere with the operational infrastructure of NERL.</p> <p>These data are a refreshed version of the NATS radar interference dataset (only for operational interference) at 120m.</p> <p>This dataset was created to provide developers with information about areas where wind turbine developments may be of concern to NATS En Route Plc (NERL) in offshore renewable energy developments.</p> <p>It should be noted that the data has been developed with an assumed wind farm turbine height of 120m. Data is available for an assumed height of between 20m and 200m in 20m intervals, however each interval is provided in a separate shapefile and is subject to individual processing.</p> <p>Interference is height dependent as is it is assumed that the greater the height of the turbine the greater the distance that it will be visible to a receiving station.</p>	<a href="http://www.nats.co.uk/services/information/wind-farms/self-assessment-maps/">http://www.nats.co.uk/services/information/wind-farms/self-assessment-maps/</a>
100043	National Air Traffic Service	NERL - Radar Interference from Wind Farm Turbines (Turbine Height 140m)	<p>The dataset shows where wind farm turbine developments are likely to interfere with the operational infrastructure of NERL.</p> <p>These data are a refreshed version of the NATS radar interference dataset (only for operational interference) at 140m.</p> <p>This dataset was created to provide developers with information about areas where wind turbine developments may be of concern to NATS En Route Plc (NERL) in offshore renewable energy developments.</p> <p>It should be noted that the data has been developed with an assumed wind farm turbine height of 140m. Data is available for an assumed height of between 20m and 200m in 20m intervals, however each interval is provided in a separate shapefile and is subject to individual processing.</p> <p>Interference is height dependent as is it is assumed that the greater the height of the turbine the greater the distance that it will be visible to a receiving station.</p>	<a href="http://www.nats.co.uk/services/information/wind-farms/self-assessment-maps/">http://www.nats.co.uk/services/information/wind-farms/self-assessment-maps/</a>
100044	National Air Traffic Service	NERL - Radar Interference from Wind Farm Turbines (Turbine Height 20m)	<p>The dataset shows where wind farm turbine developments are likely to interfere with the operational infrastructure of NERL.</p> <p>These data are a refreshed version of the NATS radar interference dataset (only for operational interference) at 20m.</p> <p>This dataset was created to provide developers with information about areas where wind turbine developments may be of concern to NATS En Route Plc (NERL) in offshore renewable energy developments.</p> <p>It should be noted that the data has been developed with an assumed wind farm turbine height of 20m. Data is available for an assumed height of between 20m and 200m in 20m intervals, however each interval is provided in a separate shapefile and is subject to individual processing.</p> <p>Interference is height dependent as is it is assumed that the greater the height of the turbine the greater the distance that it will be visible to a receiving station.</p>	<a href="http://www.nats.co.uk/services/information/wind-farms/self-assessment-maps/">http://www.nats.co.uk/services/information/wind-farms/self-assessment-maps/</a>

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100046	National Air Traffic Service	NERL - Radar Interference from Wind Farm Turbines (Turbine Height 60m)	<p>The dataset shows where wind farm turbine developments are likely to interfere with the operational infrastructure of NERL.</p> <p>These data are a refreshed version of the NATS radar interference dataset (only for operational interference) at 60m.</p> <p>This dataset was created to provide developers with information about areas where wind turbine developments may be of concern to NATS En Route Plc (NERL) in offshore renewable energy developments.</p> <p>It should be noted that the data has been developed with an assumed wind farm turbine height of 60m. Data is available for an assumed height of between 20m and 200m in 20m intervals, however each interval is provided in a separate shapefile and is subject to individual processing.</p> <p>Interference is height dependent as is it is assumed that the greater the height of the turbine the greater the distance that it will be visible to a receiving station.</p>	<a href="http://www.nats.co.uk/services/information/wind-farms/self-assessment-maps/">http://www.nats.co.uk/services/information/wind-farms/self-assessment-maps/</a>
100051	National Air Traffic Service	NERL - Radar Interference from Wind Farm Turbines (Turbine Height 180m)	<p>The dataset shows where wind farm turbine developments are likely to interfere with the operational infrastructure of NERL.</p> <p>These data are a refreshed version of the NATS radar interference dataset (only for operational interference) at 180m.</p> <p>This dataset was created to provide developers with information about areas where wind turbine developments may be of concern to NATS En Route Plc (NERL) in offshore renewable energy developments.</p> <p>It should be noted that the data has been developed with an assumed wind farm turbine height of 180m. Data is available for an assumed height of between 20m and 200m in 20m intervals, however each interval is provided in a separate shapefile and is subject to individual processing.</p> <p>Interference is height dependent as is it is assumed that the greater the height of the turbine the greater the distance that it will be visible to a receiving station.</p>	<a href="http://www.nats.co.uk/services/information/wind-farms/self-assessment-maps/">http://www.nats.co.uk/services/information/wind-farms/self-assessment-maps/</a>
100052	National Air Traffic Service	NERL - Radar Interference from Wind Farm Turbines (Turbine Height 200m)	<p>The dataset shows where wind farm turbine developments are likely to interfere with the operational infrastructure of NERL.</p> <p>These data are a refreshed version of the NATS radar interference dataset (only for operational interference) at 200m.</p> <p>This dataset was created to provide developers with information about areas where wind turbine developments may be of concern to NATS En Route Plc (NERL) in offshore renewable energy developments.</p> <p>It should be noted that the data has been developed with an assumed wind farm turbine height of 200m. Data is available for an assumed height of between 20m and 200m in 20m intervals, however each interval is provided in a separate shapefile and is subject to individual processing.</p> <p>Interference is height dependent as is it is assumed that the greater the height of the turbine the greater the distance that it will be visible to a receiving station.</p>	<a href="http://www.nats.co.uk/services/information/wind-farms/self-assessment-maps/">http://www.nats.co.uk/services/information/wind-farms/self-assessment-maps/</a>
100047	National Air Traffic Service	NERL - Radar Interference from Wind Farm Turbines (Turbine Height 80m)	<p>The dataset shows where wind farm turbine developments are likely to interfere with the operational infrastructure of NERL.</p> <p>These data are a refreshed version of the NATS radar interference dataset (only for operational interference) at 80m.</p> <p>This dataset was created to provide developers with information about areas where wind turbine developments may be of concern to NATS En Route Plc (NERL) in offshore renewable energy developments.</p> <p>It should be noted that the data has been developed with an assumed wind farm turbine height of 80m. Data is available for an assumed height of between 20m and 200m in 20m intervals, however each interval is provided in a separate shapefile and is subject to individual processing.</p> <p>Interference is height dependent as is it is assumed that the greater the height of the turbine the greater the distance that it will be visible to a receiving station.</p>	<a href="http://www.nats.co.uk/services/information/wind-farms/self-assessment-maps/">http://www.nats.co.uk/services/information/wind-farms/self-assessment-maps/</a>

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100045	National Air Traffic Service	NERL - Radar Interference from Wind Farm Turbines (Turbine Height 40m)	<p>The dataset shows where wind farm turbine developments are likely to interfere with the operational infrastructure of NERL.</p> <p>These data are a refreshed version of the NATS radar interference dataset (only for operational interference) at 40m.</p> <p>This dataset was created to provide developers with information about areas where wind turbine developments may be of concern to NATS En Route Plc (NERL) in offshore renewable energy developments.</p> <p>It should be noted that the data has been developed with an assumed wind farm turbine height of 40m. Data is available for an assumed height of between 20m and 200m in 20m intervals, however each interval is provided in a separate shapefile and is subject to individual processing.</p> <p>Interference is height dependent as is it is assumed that the greater the height of the turbine the greater the distance that it will be visible to a receiving station.</p>	<a href="http://www.nats.co.uk/services/information/wind-farms/self-assessment-maps/">http://www.nats.co.uk/services/information/wind-farms/self-assessment-maps/</a>
1200001	National Grid	National Grid - Cables	Shapefile shows the location of National Grid underground onshore transmission cables. Further information regarding planning restrictions can be found here: <a href="http://www.nationalgrid.com/NR/rdonlyres/32AB21DF-2E09-448D-834B-4054344C1117/18655/APTElectricityUGCGuidance_2_.pdf">http://www.nationalgrid.com/NR/rdonlyres/32AB21DF-2E09-448D-834B-4054344C1117/18655/APTElectricityUGCGuidance_2_.pdf</a>	<a href="http://www2.nationalgrid.com/uk/services/land-and-development/planning-authority/shape-files/">http://www2.nationalgrid.com/uk/services/land-and-development/planning-authority/shape-files/</a>
1200005	National Grid	National Grid - Transmission Towers	Shapefile shows the location of National Grid transmission towers. Transmission towers suspend electricity cables above the ground and are spaced at regular intervals.	<a href="http://www2.nationalgrid.com/uk/services/land-and-development/planning-authority/shape-files/">http://www2.nationalgrid.com/uk/services/land-and-development/planning-authority/shape-files/</a>
1200004	National Grid	National Grid - Electricity Substations	Shapefile shows the location of National Grid energy substations. Substations are where electricity lines are connected and switched and where the voltage is changed by transformers. National Grid substations are where 400kV and 275kV lines are switched and electricity is transformed down to the next voltage 132kV.	<a href="http://www2.nationalgrid.com/uk/services/land-and-development/planning-authority/shape-files/">http://www2.nationalgrid.com/uk/services/land-and-development/planning-authority/shape-files/</a>
1200003	National Grid	National Grid - Above Ground Installations (AGIs)	Shapefile shows the location of gas above ground installations (AGIs). AGIs are required at intervals to house valves and other essential plant and equipment for the operation of the pipeline.	<a href="http://www2.nationalgrid.com/uk/services/land-and-development/planning-authority/shape-files/">http://www2.nationalgrid.com/uk/services/land-and-development/planning-authority/shape-files/</a>
1200002	National Grid	National Grid - Gas Pipeline Feeder	Shapefile shows the location of National Grid underground gas transmission pipelines. Further information on planning restrictions can be found here: <a href="http://www.nationalgrid.com/NR/rdonlyres/446009BF-ABB5-42E1-B9FE-44E90D577DD5/18653/APTGasGuidance_2_.pdf">http://www.nationalgrid.com/NR/rdonlyres/446009BF-ABB5-42E1-B9FE-44E90D577DD5/18653/APTGasGuidance_2_.pdf</a>	<a href="http://www2.nationalgrid.com/uk/services/land-and-development/planning-authority/shape-files/">http://www2.nationalgrid.com/uk/services/land-and-development/planning-authority/shape-files/</a>
1600033	Natural England	2012 Marine Conservation Zone Project Stakmap Commercial Fishing under 15m vessels dredging summary	<p>This feature class contains interview data that has been summarised onto a grid of 3/4 of a nautical mile longitude and 3/8 of a nautical mile latitude. One condition of the research was that only those interviewees who explicitly gave permission for their data to be shared would have their own mapping represented in the final product shared with third parties. All other individuals have had their data removed from this feature class. Of 984 interviews, 594 gave their permission for their data to be shared.</p> <p>This summary data set represents the activities of all interviewees, the summarisation process is considered to anonymise the data to a sufficient degree to protect the individual's privacy. As an added measure of protection, data from interviews has been included in this summary table only if the following conditions have been met.</p> <p>1) Permission has been granted for the individual data to be used, or 2) Five or more separate interviews are represented within a single record.</p> <p>This data represents the activities of vessels under 15 metres in length using dredging gears. This includes towed dredges and all powered and hydraulic/suction dredges.</p> <p>This data is presented as a series of monthly totals of vessel numbers per grid cell.</p>	<a href="http://www.naturalengland.org.uk/publications/data/default.aspx">http://www.naturalengland.org.uk/publications/data/default.aspx</a>
2000005	Natural England	Natural England - Sites of Special Scientific Interest In England	A Site of Special Scientific Interest (SSSI) is the land notified as an SSSI under the Wildlife and Countryside Act (1981), as amended. Sites notified under the 1949 Act only are not included in the Data set. SSSI are the finest sites for wildlife and natural features in England, supporting many characteristic, rare and endangered species, habitats and natural features. The data does not include "proposed" sites.	<a href="http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml">http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml</a>

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1600030	Natural England	2012 Marine Conservation Zone Project Stakmap Commercial Fishing individual additional	<p>This feature class contains manually digitised GI created during the Stakmap/Fishermap participatory mapping research project. The geometries have been cleansed and non polygonal features have been converted into polygons using a 300m buffer.</p> <p>One condition of the research was that only those interviewees who explicitly gave permission for their data to be shared would have their own mapping represented in the final product shared with third parties. All other individuals have had their data removed from this feature class. Of 984 interviews, 594 gave their permission for their data to be shared.</p> <p>This data describes a range of parameters that could not be readily associated with spatial delimited activities. Much of this information is demographic in scope, due to the nature of the questions fewer fishermen completed this section of the questionnaire.</p>	<a href="http://www.naturalengland.org.uk/publications/data/default.aspx">http://www.naturalengland.org.uk/publications/data/default.aspx</a>
1600032	Natural England	2012 Marine Conservation Zone Project Stakmap Commercial Fishing individual club	<p>This feature class contains manually digitised GI created during the Stakmap/Fishermap participatory mapping research project. The geometries have been cleansed and non polygonal features have been converted into polygons using a 300m buffer.</p> <p>One condition of the research was that only those interviewees who explicitly gave permission for their data to be shared would have their own mapping represented in the final product shared with third parties. All other individuals have had their data removed from this feature class. Of 984 interviews, 594 gave their permission for their data to be shared.</p> <p>This data records the names of clubs and associations that fishermen reported being members of.</p>	<a href="http://www.naturalengland.org.uk/publications/data/default.aspx">http://www.naturalengland.org.uk/publications/data/default.aspx</a>
1600034	Natural England	2012 Marine Conservation Zone Project Stakmap Commercial Fishing under 15m vessels gear summary	<p>This feature class contains interview data that has been summarised onto a grid of 3/4 of a nautical mile longitude and 3/8 of a nautical mile latitude.</p> <p>One condition of the research was that only those interviewees who explicitly gave permission for their data to be shared would have their own mapping represented in the final product shared with third parties. All other individuals have had their data removed from this feature class. Of 984 interviews, 594 gave their permission for their data to be shared.</p> <p>This summary data set represents the activities of all interviewees, the summarisation process is considered to anonymise the data to a sufficient degree to protect the individual's privacy. As an added measure of protection, data from interviews has been included in this summary table only if the following conditions have been met.</p> <p>1) Permission has been granted for the individual data to be used, or 2) Five or more separate interviews are represented within a single record.</p> <p>This data represents the activities of vessels under 15 metres in length using mobile demersal gears, dredges, mobile pelagic gears, nets, lines and pots/traps. The data is presented as a series of vessel counts per grid cell.</p> <p>Gear definitions: Mobile demersal gears: beam trawls, demersal otter trawls, unspecified bottom trawls, Danish, Scottish and pair seines. Beach seining has been included in the mid water trawls analysis, on the basis that it does not have heavy gear interacting with the benthos and only occurs in littoral environments. Dredges: towed dredges and all powered and hydraulic/suction dredges. Mobile pelagic gear: midwater (pair) trawls, purse seines and ring nets (which are considered to be a form of purse seining rather than a static netting practice, beach seining. Nets: Drift nets, moored gill nets, tangle and trammel nets, and fixed nets. Lines: drift lines, moored static lines and lines deployed from a boat (trolling, hand</p>	<a href="http://www.naturalengland.org.uk/publications/data/default.aspx">http://www.naturalengland.org.uk/publications/data/default.aspx</a>
1600035	Natural England	2012 Marine Conservation Zone Project Stakmap Commercial Fishing under 15m vessels lines summary by	<p>This feature class contains interview data that has been summarised onto a grid of 3/4 of a nautical mile longitude and 3/8 of a nautical mile latitude.</p> <p>One condition of the research was that only those interviewees who explicitly gave permission for their data to be shared would have their own mapping represented in the final product shared with third parties. All other individuals have had their data removed from this feature class. Of 984 interviews, 594 gave their permission for their data to be shared.</p> <p>This summary data set represents the activities of all interviewees, the summarisation process is considered to anonymise the data to a sufficient degree to protect the individual's privacy. As an added measure of protection, data from interviews has been included in this summary table only if the following conditions have been met.</p> <p>1) Permission has been granted for the individual data to be used, or 2) Five or more separate interviews are represented within a single record.</p> <p>This data represents the activities of vessels under 15 metres in length using hook and line gears. This includes: drift lines, moored static lines and lines deployed from a boat (trolling, hand lining, rod fishing and gurdy lining). This data is presented as a series of monthly totals of vessel numbers per grid cell.</p>	<a href="http://www.naturalengland.org.uk/publications/data/default.aspx">http://www.naturalengland.org.uk/publications/data/default.aspx</a>

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1600036	Natural England	2012 Marine Conservation Zone Project Stakmap Commercial Fishing under 15m vessels mid water trawls	<p>This feature class contains interview data that has been summarised onto a grid of 3/4 of a nautical mile longitude and 3/8 of a nautical mile latitude. One condition of the research was that only those interviewees who explicitly gave permission for their data to be shared would have their own mapping represented in the final product shared with third parties. All other individuals have had their data removed from this feature class. Of 984 interviews, 594 gave their permission for their data to be shared.</p> <p>This summary data set represents the activities of all interviewees, the summarisation process is considered to anonymise the data to a sufficient degree to protect the individual's privacy. As an added measure of protection, data from interviews has been included in this summary table only if the following conditions have been met.</p> <p>1) Permission has been granted for the individual data to be used, or 2) Five or more separate interviews are represented within a single record.</p> <p>This data represents the activities of vessels under 15 metres in length using mobile pelagic gears. This includes: midwater (pair) trawls, purse seines and ring nets. It also includes beach seining, on the basis that this gear type does not use any form of runner, mat or chain to interact with the benthos.</p> <p>This data is presented as a series of monthly totals of vessel numbers per grid cell.</p>	<a href="http://www.naturalengland.org.uk/publications/data/default.aspx">http://www.naturalengland.org.uk/publications/data/default.aspx</a>
2000004	Natural England	Natural England - Marine Conservation Zones	<p>Marine Conservation Zones (MCZs) are designated under the Marine and Coastal Access Act 2009. MCZs protect nationally important marine wildlife, habitats, geology and geomorphology in English inshore waters and offshore waters next to England, Wales and Northern Ireland.</p>	<a href="http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml">http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml</a>
1600029	Natural England	2012 Marine Conservation Zone Project Stakmap Commercial Fishing individual	<p>This feature class contains manually digitised GI created during the Stakmap/Fishermap participatory mapping research project. The geometries have been cleansed and non polygonal features have been converted into polygons using a 300m buffer.</p> <p>One condition of the research was that only those interviewees who explicitly gave permission for their data to be shared would have their own mapping represented in the final product shared with third parties. All other individuals have had their data removed from this feature class. Of 984 interviews, 594 gave their permission for their data to be shared.</p> <p>This data describes the activities of fishermen over the period 2005 - 2010 and is focussed upon the activities of boats under 15m in length.</p> <p>Fishing gear are classified using a three tier system of broad gear classification, gear subclass and two parameters that describe gear use in more detail. Target species, vessel details and months of activity are also recorded.</p>	<a href="http://www.naturalengland.org.uk/publications/data/default.aspx">http://www.naturalengland.org.uk/publications/data/default.aspx</a>
1600031	Natural England	2012 Marine Conservation Zone Project Stakmap Commercial Fishing under 15m vessels bottom gear summa	<p>This feature class contains interview data that has been summarised onto a grid of 3/4 of a nautical mile longitude and 3/8 of a nautical mile latitude. One condition of the research was that only those interviewees who explicitly gave permission for their data to be shared would have their own mapping represented in the final product shared with third parties. All other individuals have had their data removed from this feature class. Of 984 interviews, 594 gave their permission for their data to be shared.</p> <p>This summary data set represents the activities of all interviewees, the summarisation process is considered to anonymise the data to a sufficient degree to protect the individual's privacy. As an added measure of protection, data from interviews has been included in this summary table only if the following conditions have been met.</p> <p>1) Permission has been granted for the individual data to be used, or 2) Five or more separate interviews are represented within a single record.</p> <p>This data represents the activities of vessels under 15 metres in length using mobile demersal gears. This includes: beam trawls, demersal otter trawls, unspecified bottom trawls, Danish, Scottish and pair seines. Beach seining has been included in the mid water trawls analysis, on the basis that it does not have heavy gear interacting with the benthos and only occurs in littoral environments.</p> <p>This data is presented as a series of monthly totals of vessel numbers per grid cell.</p>	<a href="http://www.naturalengland.org.uk/publications/data/default.aspx">http://www.naturalengland.org.uk/publications/data/default.aspx</a>

URI	Distributor	Title	Resource Abstract	Resource Locator URL
1600037	Natural England	2012 Marine Conservation Zone Project Stakmap Commercial Fishing under 15m vessels nets gear summary	<p>This feature class contains interview data that has been summarised onto a grid of 3/4 of a nautical mile longitude and 3/8 of a nautical mile latitude. One condition of the research was that only those interviewees who explicitly gave permission for their data to be shared would have their own mapping represented in the final product shared with third parties. All other individuals have had their data removed from this feature class. Of 984 interviews, 594 gave their permission for their data to be shared.</p> <p>This summary data set represents the activities of all interviewees, the summarisation process is considered to anonymise the data to a sufficient degree to protect the individual's privacy. As an added measure of protection, data from interviews has been included in this summary table only if the following conditions have been met.</p> <p>1) Permission has been granted for the individual data to be used, or 2) Five or more separate interviews are represented within a single record.</p> <p>This data represents the activities of vessels under 15 metres in length using netting gears. This includes: drift nets, moored gill nets, tangle and trammel nets, and fixed nets. It does not include ring netting (which is considered to be a form of pelagic trawling).</p> <p>This data is presented as a series of monthly totals of vessel numbers per grid cell.</p>	<a href="http://www.naturalengland.org.uk/publications/data/default.aspx">http://www.naturalengland.org.uk/publications/data/default.aspx</a>
2000006	Natural England	Natural England - Sites of Special Scientific Interest unit boundaries	<p>A Site of Special Scientific Interest (SSSI) is the land notified as a SSSI under the Wildlife and Countryside Act (1981), as amended. Sites notified under the 1949 Act only are not included in the Data set. SSSI are the finest sites for wildlife and natural features in England, supporting many characteristic, rare and endangered species, habitats and natural features. The data do not include "proposed" sites.</p> <p>The SSSI Units data contains each designated SSSI broken into its constituent management units, with accompanying condition assessment.</p>	<a href="http://www.gis.naturalengland.org.uk">www.gis.naturalengland.org.uk</a>
2000019	Natural England	Natural England - Areas of Outstanding Natural Beauty	AONBs are designated areas where protection is afforded to protect and manage the areas for visitors and local residents	<a href="http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml">http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml</a>
2000022	Natural England	Natural England - National Parks in England	National Parks are run by National Park Authorities for the purpose of conserving and enhancing the natural beauty, wildlife and cultural heritage and to provide opportunities for the understanding and enjoyment of the Park by the public. [An alteration: South Downs National Park (Designation) Confirmation Order 2009 as modified by Order of the High Court on 2 June 2010.]	<a href="http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml">http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml</a>
2000023	Natural England	Natural England - Recommended Marine Conservation Zone Reference Areas	<p>Reference Areas (RAs)</p> <p>Reference areas are areas where all human-derived impacts are minimised. In order to meet the network design principle of protection the Ecological Network Guidance states that: 'Each broad-scale habitat type and Features of Conservation Interest (FOCI) should have at least one viable reference area within each of the four regional MCZ project areas where all extraction, deposition or human-derived disturbance is removed or prevented.' These are recommended reference areas. They will be submitted, unchanged, along with other MCZ recommendations, the impact assessment and Natural England and JNCC's advice to Ministers who will consider the supporting evidence and potential environmental, social and economic impacts, before deciding sites to take forward for consultation and designation.</p> <p>Reference areas will give us a better understanding of our effect on the marine environment, and therefore allow us a means by which to evaluate the effectiveness of management across the MPA network. Protection from all damaging activities in reference areas will be afforded to the feature/features for which the reference area is designated. This may result in the prevention of some activities. Other activities, which would not impact on the designated feature, might be able to continue. Once designated, monitoring and surveillance information on reference areas will be gathered as part of ongoing periodic reporting on all MCZs in the network. This will be undertaken in order to assess condition and progress towards the achievement of conservation objectives.</p>	<a href="http://www.gis.naturalengland.org.uk">http://www.gis.naturalengland.org.uk</a>
2000029	Natural England	Natural England - New Candidate Special Areas of Conservation	These data form the boundaries of the new marine Special Areas of Conservation submitted to the European Commission in August 2010, September 2011 and September 2012. By using this data you are accepting the Terms of Use for Natural England's Information and Data as published at: <a href="http://www.naturalengland.org.uk/copyright">http://www.naturalengland.org.uk/copyright</a> under the Natural England and Ordnance Survey Open Government Licence.	<a href="http://www.gis.naturalengland.org.uk">http://www.gis.naturalengland.org.uk</a>
2100034	Natural England	Seabird Summer Density (Wetlands and Wildfowl Trust)	This file contains bird density values as well as associated Coefficients of Variation (CVs). The dataset combines input values from Wildlife and Wetlands Trust and the European Seabirds at Sea databases. The data has been generated as part of the report 'Spatial modelling, wind farm sensitivity scores and GIS mapping tool' which was a joint collaboration between Natural England and the Marine Management Organisation.	

URI	Distributor	Title	Resource Abstract	Resource Locator URL
2100035	Natural England	Seabird Winter Density (Wetlands and Wildfowl Trust)	This file contains bird density values as well as associated Coefficients of Variation (CVs). The dataset combines input values from Wildlife and Wetlands Trust and the European Seabirds at Sea databases. The data has been generated as part of the report 'Spatial modelling, wind farm sensitivity scores and GIS mapping tool' which was a joint collaboration between Natural England and the Marine Management Organisation.	
1600038	Natural England	2012 Marine Conservation Zone Project Stakmap Commercial Fishing under 15m vessels pots and traps su	This feature class contains interview data that has been summarised onto a grid of 3/4 of a nautical mile longitude and 3/8 of a nautical mile latitude. One condition of the research was that only those interviewees who explicitly gave permission for their data to be shared would have their own mapping represented in the final product shared with third parties. All other individuals have had their data removed from this feature class. Of 984 interviews, 594 gave their permission for their data to be shared. This summary data set represents the activities of all interviewees, the summarisation process is considered to anonymise the data to a sufficient degree to protect the individual's privacy. As an added measure of protection, data from interviews has been included in this summary table only if the following conditions have been met. 1) Permission has been granted for the individual data to be used, or 2) Five or more separate interviews are represented within a single record. This data represents the activities of vessels under 15 metres in length using pots and traps. This includes: inkwell, parlour, whelk and unspecified pots. It also includes cuttlefish and fish traps. This data is presented as a series of monthly totals of vessel numbers per grid cell.	<a href="http://www.naturalengland.org.uk/publications/data/default.aspx">http://www.naturalengland.org.uk/publications/data/default.aspx</a>
1500019	Natural England	Natural England - National Nature Reserves in England	A National Nature Reserve (NNR) is the land declared under the National Parks and Access to the Countryside Act 1949 or Wildlife and Countryside Act (1981) as amended. The data does not include "proposed" sites. Supplied in England-wide and 100 x 100km tiles.	<a href="http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml">http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml</a>
1500032	Natural England	Natural England - National Character Areas	National Character Areas provide a context to local planning, action and development. There are 159 areas that are unique in terms of a combination of physiographic, land use, historical and cultural attributes	<a href="http://www.magic.gov.uk">http://www.magic.gov.uk</a>
1500033	Natural England	Natural England - Seascape Characterisation Areas	Seascape reflects the relationship between people and place and the part it plays in forming the setting to our everyday lives.□ It is a product of the interaction of the natural and cultural components of the environment, and how they are understood and experienced by people.□ The work was commissioned to test and refine the emerging methodology for assessing the character of seascapes and to:□ 1. Contribute to the aims of the European Landscape Convention to promote landscape protection, management and planning, and to support European co-operation on landscape issues.□ 2. Provide practical tools and evidence to assist in responding to the increasing demands being placed upon the related marine and terrestrial environments, building upon the increased awareness of the high profile of the connections between land and sea reflected in the Marine and Coastal Access Act (2009) and the resultant marine spatial planning system.□ 3. Undertake a Seascape Character Assessment at a strategic scale for a defined area of the English coastline, so that a baseline of Seascape Character Areas is available to: □ •provide the context for more detailed Seascape Character Assessment work;□ •inform Marine Spatial Planning, and the planning, design and management of developments – and a range of other projects – on and around our coastline.	<a href="http://publications.naturalengland.org.uk/publication/2736726">http://publications.naturalengland.org.uk/publication/2736726</a>
1500020	Natural England	Natural England - Local Nature Reserves in England	Local Nature Reserves are a statutory designation made under Section 21 of the National Parks and Access to the Countryside Act 1949 by principal local authorities. The data does not include "proposed" sites. Boundaries are mapped against Ordnance Survey MasterMap.	<a href="http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml">http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml</a>
1500014	Natural England	Natural England - Heritage Coasts in England	33% (1057 km) of scenic English coastline is conserved as Heritage Coasts. They are managed so that their natural beauty is conserved and where appropriate, the accessibility for visitors is improved.	<a href="http://www.gis.naturalengland.org.uk">http://www.gis.naturalengland.org.uk</a>
1500010	Natural England	Natural England - Biosphere Reserves in England	Established under UNESCO's Man and the Biosphere (MAB) Programme, biosphere reserves are a global network of nature reserves. The biosphere reserve concept is a central core reserve area with a surrounding buffer zone which allows non-destructive human activity.  There are 3 in England: - North Devon - Moor House/Upper Teesdale - North Norfolk Coast	<a href="http://www.gis.naturalengland.org.uk/pubs/gis/GIS_register.asp">http://www.gis.naturalengland.org.uk/pubs/gis/GIS_register.asp</a>
400009	Office of National Statistics	Office of National Statistics - Middle Super Output Areas Population Density	Shows population density based on statistics provided for the middle super output areas.	<a href="http://www.ons.gov.uk">http://www.ons.gov.uk</a>
400002	Office of National Statistics	Office of National Statistics - Middle Layer Super Output Areas	Super Output Areas (SOAs) are a geography designed to improve the reporting of small area statistics.  They were introduced initially for use on the Neighbourhood Statistics (NeSS) website, but it was intended that they would eventually become the standard across National Statistics.	<a href="http://www.ons.gov.uk/ons/guide-method/census/2011/census-data/2011-census-prospectus/new-developments-for-2011-census-results/2011-census-geography/2011-census-geography-prospectus/index.html">http://www.ons.gov.uk/ons/guide-method/census/2011/census-data/2011-census-prospectus/new-developments-for-2011-census-results/2011-census-geography/2011-census-geography-prospectus/index.html</a>

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400008	Office of National Statistics	Office of National Statistics - Lower Super Output Areas Population Density	Shows population density based on statistics provided for the lower super output areas.	<a href="http://www.ons.gov.uk">http://www.ons.gov.uk</a>
400012	Office of National Statistics	Rural Urban Classification (Lower Super Output Areas)	The Rural-Urban Classification categorises a range of statistical and administrative units on the basis of physical settlement and related characteristics. This dataset refers to the part of the classification that categorises certain small statistical units and is concerned with output areas.	<a href="https://geoportal.statistics.gov.uk/geoportal/catalog/main/home.page">https://geoportal.statistics.gov.uk/geoportal/catalog/main/home.page</a>
400001	Office of National Statistics	Office of National Statistics - Lower Layer Super Output Areas	Super Output Areas (SOAs) are a geography designed to improve the reporting of small area statistics.  They were introduced initially for use on the Neighbourhood Statistics (NeSS) website, but it was intended that they would eventually become the standard across National Statistics.	<a href="http://www.ons.gov.uk/ons/guide-method/census/2011/census-data/2011-census-prospectus/new-developments-for-2011-census-results/2011-census-geography/2011-census-geography-prospectus/index.html">http://www.ons.gov.uk/ons/guide-method/census/2011/census-data/2011-census-prospectus/new-developments-for-2011-census-results/2011-census-geography/2011-census-geography-prospectus/index.html</a>
300015	Office of National Statistics	Local Enterprise Partnership Boundaries - Office of National Statistics	This dataset displays the Local Enterprise Partnership boundaries as set out by Office of National Statistics (ONS). Local Enterprise Partnerships are locally-owned partnerships between local authorities and businesses. They play a central role in determining local economic priorities and undertaking activities to drive economic growth and the creation of local jobs.	
400013	Office of National Statistics	Rural Urban Classification (Medium Super Output Areas)	The Rural-Urban Classification categorises a range of statistical and administrative units on the basis of physical settlement and related characteristics. This dataset refers to the part of the classification that categorises certain small statistical units and is concerned with output areas.	<a href="https://geoportal.statistics.gov.uk/geoportal/catalog/main/home.page">https://geoportal.statistics.gov.uk/geoportal/catalog/main/home.page</a>
300004	Ordnance Survey of Great Britain	District Borough Unitary Wards, GB (Ordnance Survey)	Boundary-Line is a specialist 1:10 000 scale boundaries dataset. It contains all levels of electoral and administrative boundaries, from district, wards and civil parishes (or communities) up to parliamentary, assembly and European constituencies. The information is represented as vector digital data. The boundary information is updated twice a year, in May and October. The May release contains the boundaries that have become live in the first week of May, in the year of release. The October release contains the May boundaries plus additional information. Customers can choose either May or October releases. * County - The named county, district, district ward, civil parish, county electoral division (ED). * European constituencies - The named European region. * Greater London Authority - The Greater London Authority, Greater London Authority Assembly constituency, London borough, London borough ward. * Metropolitan districts - The named metropolitan district, metropolitan district ward, civil parish where appropriate. * Scottish parliamentary electoral region - The named Scottish Parliamentary electoral region, Scottish parliamentary constituency. * Unitary authorities- The named unitary authority, unitary authority ward or unitary authority ED as appropriate, civil parish where appropriate, together with community in Wales. * Welsh Assembly Electoral Region - The named Welsh Assembly electoral region, Welsh assembly constituency. * Westminster constituencies - The named Westminster constituency. * Extent of the realm - Low water mark or seaward boundary extension. * High water mark * Unique identifiers - For administrative areas, polygons and links. * Area measurements * Definitive names * Census codes	<a href="http://www.ordnancesurvey.co.uk/oswebsite/products/os-streetview/index.html">http://www.ordnancesurvey.co.uk/oswebsite/products/os-streetview/index.html</a>
300003	Ordnance Survey of Great Britain	District Borough Unitary Authorities, GB (Ordnance Survey)	Boundary-Line is a specialist 1:10 000 scale boundaries dataset. It contains all levels of electoral and administrative boundaries, from district, wards and civil parishes (or communities) up to parliamentary, assembly and European constituencies. The information is represented as vector digital data. The boundary information is updated twice a year, in May and October. The May release contains the boundaries that have become live in the first week of May, in the year of release. The October release contains the May boundaries plus additional information. Customers can choose either May or October releases. * County - The named county, district, district ward, civil parish, county electoral division (ED). * European constituencies - The named European region. * Greater London Authority - The Greater London Authority, Greater London Authority Assembly constituency, London borough, London borough ward. * Metropolitan districts - The named metropolitan district, metropolitan district ward, civil parish where appropriate. * Scottish parliamentary electoral region - The named Scottish Parliamentary electoral region, Scottish parliamentary constituency. * Unitary authorities- The named unitary authority, unitary authority ward or unitary authority ED as appropriate, civil parish where appropriate, together with community in Wales. * Welsh Assembly Electoral Region - The named Welsh Assembly electoral region, Welsh assembly constituency. * Westminster constituencies - The named Westminster constituency. * Extent of the realm - Low water mark or seaward boundary extension. * High water mark * Unique identifiers - For administrative areas, polygons and links. * Area measurements * Definitive names * Census codes  Unitary authorities (UAs) are areas with a single tier of local government (as opposed to the two-tier county: district structure).	<a href="http://www.ordnancesurvey.co.uk/oswebsite/products/os-streetview/index.html">http://www.ordnancesurvey.co.uk/oswebsite/products/os-streetview/index.html</a>

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300007	Ordnance Survey of Great Britain	Civil Parishes, GB (Ordnance Survey)	Boundary-Line is a specialist 1:10 000 scale boundaries dataset. It contains all levels of electoral and administrative boundaries, from district, wards and civil parishes (or communities) up to parliamentary, assembly and European constituencies. The information is represented as vector digital data. The boundary information is updated twice a year, in May and October. The May release contains the boundaries that have become live in the first week of May, in the year of release. The October release contains the May boundaries plus additional information. Customers can choose either May or October releases. * County - The named county, district, district ward, civil parish, county electoral division (ED). * European constituencies - The named European region. * Greater London Authority - The Greater London Authority, Greater London Authority Assembly constituency, London borough, London borough ward. * Metropolitan districts - The named metropolitan district, metropolitan district ward, civil parish where appropriate. * Scottish parliamentary electoral region - The named Scottish Parliamentary electoral region, Scottish parliamentary constituency. * Unitary authorities- The named unitary authority, unitary authority ward or unitary authority ED as appropriate, civil parish where appropriate, together with community in Wales. * Welsh Assembly Electoral Region - The named Welsh Assembly electoral region, Welsh assembly constituency. * Westminster constituencies - The named Westminster constituency. * Extent of the realm - Low water mark or seaward boundary extension. * High water mark * Unique identifiers - For administrative areas, polygons and links. * Area measurements * Definitive names * Census codes	<a href="http://www.ordnancesurvey.co.uk/oswebsite/products/os-streetview/index.html">http://www.ordnancesurvey.co.uk/oswebsite/products/os-streetview/index.html</a>
300009	Ordnance Survey of Great Britain	Electoral Regions, Scotland & Wales (Ordnance Survey)	Boundary-Line is a specialist 1:10 000 scale boundaries dataset. It contains all levels of electoral and administrative boundaries, from district, wards and civil parishes (or communities) up to parliamentary, assembly and European constituencies. The information is represented as vector digital data. The boundary information is updated twice a year, in May and October. The May release contains the boundaries that have become live in the first week of May, in the year of release. The October release contains the May boundaries plus additional information. Customers can choose either May or October releases. * County - The named county, district, district ward, civil parish, county electoral division (ED). * European constituencies - The named European region. * Greater London Authority - The Greater London Authority, Greater London Authority Assembly constituency, London borough, London borough ward. * Metropolitan districts - The named metropolitan district, metropolitan district ward, civil parish where appropriate. * Scottish parliamentary electoral region - The named Scottish Parliamentary electoral region, Scottish parliamentary constituency. * Unitary authorities- The named unitary authority, unitary authority ward or unitary authority ED as appropriate, civil parish where appropriate, together with community in Wales. * Welsh Assembly Electoral Region - The named Welsh Assembly electoral region, Welsh assembly constituency. * Westminster constituencies - The named Westminster constituency. * Extent of the realm - Low water mark or seaward boundary extension. * High water mark * Unique identifiers - For administrative areas, polygons and links. * Area measurements * Definitive names * Census codes	<a href="http://www.ordnancesurvey.co.uk/oswebsite/products/os-streetview/index.html">http://www.ordnancesurvey.co.uk/oswebsite/products/os-streetview/index.html</a>
2500002	Ordnance Survey of Great Britain	Ordnance Survey Great Britain - Boundary Line Mean High Water (Springs) (GB)	The Ordnance Survey definition of Mean High Water (springs) marks the highest point of a mean average tide, that is, an average tide halfway between spring and neap tides in England and Wales, and of average spring tides in Scotland. The mean high water (springs) mark is shown to normal tidal limit (NTL). Areas of salt marsh, mud flats and so on, often have very complicated tide lines. For ease of digitising and to reduce data volumes, mean high water may be generalised in these areas (not Scotland).	<a href="http://www.ordnancesurvey.co.uk/oswebsite/products/os-opendata.html">http://www.ordnancesurvey.co.uk/oswebsite/products/os-opendata.html</a>

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300001	Ordnance Survey of Great Britain	County Electoral Divisions, England (Ordnance Survey)	Boundary-Line is a specialist 1:10 000 scale boundaries dataset. It contains all levels of electoral and administrative boundaries, from district, wards and civil parishes (or communities) up to parliamentary, assembly and European constituencies. The information is represented as vector digital data. The boundary information is updated twice a year, in May and October. The May release contains the boundaries that have become live in the first week of May, in the year of release. The October release contains the May boundaries plus additional information. Customers can choose either May or October releases. * County - The named county, district, district ward, civil parish, county electoral division (ED). * European constituencies - The named European region. * Greater London Authority - The Greater London Authority, Greater London Authority Assembly constituency, London borough, London borough ward. * Metropolitan districts - The named metropolitan district, metropolitan district ward, civil parish where appropriate. * Scottish parliamentary electoral region - The named Scottish Parliamentary electoral region, Scottish parliamentary constituency. * Unitary authorities- The named unitary authority, unitary authority ward or unitary authority ED as appropriate, civil parish where appropriate, together with community in Wales. * Welsh Assembly Electoral Region - The named Welsh Assembly electoral region, Welsh assembly constituency. * Westminster constituencies - The named Westminster constituency. * Extent of the realm - Low water mark or seaward boundary extension. * High water mark * Unique identifiers - For administrative areas, polygons and links. * Area measurements * Definitive names * Census codes	<a href="http://www.ordnancesurvey.co.uk/oswebsite/products/os-opendata.html">http://www.ordnancesurvey.co.uk/oswebsite/products/os-opendata.html</a>
300006	Ordnance Survey of Great Britain	Greater London Constituencies (Ordnance Survey)	Boundary-Line is a specialist 1:10 000 scale boundaries dataset. It contains all levels of electoral and administrative boundaries, from district, wards and civil parishes (or communities) up to parliamentary, assembly and European constituencies. The information is represented as vector digital data. The boundary information is updated twice a year, in May and October. The May release contains the boundaries that have become live in the first week of May, in the year of release. The October release contains the May boundaries plus additional information. Customers can choose either May or October releases. * County - The named county, district, district ward, civil parish, county electoral division (ED). * European constituencies - The named European region. * Greater London Authority - The Greater London Authority, Greater London Authority Assembly constituency, London borough, London borough ward. * Metropolitan districts - The named metropolitan district, metropolitan district ward, civil parish where appropriate. * Scottish parliamentary electoral region - The named Scottish Parliamentary electoral region, Scottish parliamentary constituency. * Unitary authorities- The named unitary authority, unitary authority ward or unitary authority ED as appropriate, civil parish where appropriate, together with community in Wales. * Welsh Assembly Electoral Region - The named Welsh Assembly electoral region, Welsh assembly constituency. * Westminster constituencies - The named Westminster constituency. * Extent of the realm - Low water mark or seaward boundary extension. * High water mark * Unique identifiers - For administrative areas, polygons and links. * Area measurements * Definitive names * Census codes	<a href="http://www.ordnancesurvey.co.uk/oswebsite/products/os-streetview/index.html">http://www.ordnancesurvey.co.uk/oswebsite/products/os-streetview/index.html</a>
300008	Ordnance Survey of Great Britain	Parliamentary Constituencies , Scotland & Wales (Ordnance Survey)	Boundary-Line is a specialist 1:10 000 scale boundaries dataset. It contains all levels of electoral and administrative boundaries, from district, wards and civil parishes (or communities) up to parliamentary, assembly and European constituencies. The information is represented as vector digital data. The boundary information is updated twice a year, in May and October. The May release contains the boundaries that have become live in the first week of May, in the year of release. The October release contains the May boundaries plus additional information. Customers can choose either May or October releases. * County - The named county, district, district ward, civil parish, county electoral division (ED). * European constituencies - The named European region. * Greater London Authority - The Greater London Authority, Greater London Authority Assembly constituency, London borough, London borough ward. * Metropolitan districts - The named metropolitan district, metropolitan district ward, civil parish where appropriate. * Scottish parliamentary electoral region - The named Scottish Parliamentary electoral region, Scottish parliamentary constituency. * Unitary authorities- The named unitary authority, unitary authority ward or unitary authority ED as appropriate, civil parish where appropriate, together with community in Wales. * Welsh Assembly Electoral Region - The named Welsh Assembly electoral region, Welsh assembly constituency. * Westminster constituencies - The named Westminster constituency. * Extent of the realm - Low water mark or seaward boundary extension. * High water mark * Unique identifiers - For administrative areas, polygons and links. * Area measurements * Definitive names * Census codes	<a href="http://www.ordnancesurvey.co.uk/oswebsite/products/os-streetview/index.html">http://www.ordnancesurvey.co.uk/oswebsite/products/os-streetview/index.html</a>

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300011	Ordnance Survey of Great Britain	Westminster Parliamentary Constituencies (Ordnance Survey)	<p>Boundary-Line is a specialist 1:10 000 scale boundaries dataset. It contains all levels of electoral and administrative boundaries, from district, wards and civil parishes (or communities) up to parliamentary, assembly and European constituencies. The information is represented as vector digital data. The boundary information is updated twice a year, in May and October. The May release contains the boundaries that have become live in the first week of May, in the year of release. The October release contains the May boundaries plus additional information. Customers can choose either May or October releases. * County - The named county, district, district ward, civil parish, county electoral division (ED). * European constituencies - The named European region. * Greater London Authority - The Greater London Authority, Greater London Authority Assembly constituency, London borough, London borough ward. * Metropolitan districts - The named metropolitan district, metropolitan district ward, civil parish where appropriate. * Scottish parliamentary electoral region - The named Scottish Parliamentary electoral region, Scottish parliamentary constituency. * Unitary authorities- The named unitary authority, unitary authority ward or unitary authority ED as appropriate, civil parish where appropriate, together with community in Wales. * Welsh Assembly Electoral Region - The named Welsh Assembly electoral region, Welsh assembly constituency. * Westminster constituencies - The named Westminster constituency. * Extent of the realm - Low water mark or seaward boundary extension. * High water mark * Unique identifiers - For administrative areas, polygons and links. * Area measurements * Definitive names * Census codes</p> <p>Westminster parliamentary constituencies are used to elect members to the UK Parliament in Westminster, London.</p>	<a href="http://www.ordnancesurvey.co.uk/oswebsite/products/os-streetview/index.html">http://www.ordnancesurvey.co.uk/oswebsite/products/os-streetview/index.html</a>
300005	Ordnance Survey of Great Britain	European Electoral Regions (Ordnance Survey)	<p>Boundary-Line is a specialist 1:10 000 scale boundaries dataset. It contains all levels of electoral and administrative boundaries, from district, wards and civil parishes (or communities) up to parliamentary, assembly and European constituencies. The information is represented as vector digital data. The boundary information is updated twice a year, in May and October. The May release contains the boundaries that have become live in the first week of May, in the year of release. The October release contains the May boundaries plus additional information. Customers can choose either May or October releases. * County - The named county, district, district ward, civil parish, county electoral division (ED). * European constituencies - The named European region. * Greater London Authority - The Greater London Authority, Greater London Authority Assembly constituency, London borough, London borough ward. * Metropolitan districts - The named metropolitan district, metropolitan district ward, civil parish where appropriate. * Scottish parliamentary electoral region - The named Scottish Parliamentary electoral region, Scottish parliamentary constituency. * Unitary authorities- The named unitary authority, unitary authority ward or unitary authority ED as appropriate, civil parish where appropriate, together with community in Wales. * Welsh Assembly Electoral Region - The named Welsh Assembly electoral region, Welsh assembly constituency. * Westminster constituencies - The named Westminster constituency. * Extent of the realm - Low water mark or seaward boundary extension. * High water mark * Unique identifiers - For administrative areas, polygons and links. * Area measurements * Definitive names * Census codes</p>	<a href="http://www.ordnancesurvey.co.uk/oswebsite/products/os-streetview/index.html">http://www.ordnancesurvey.co.uk/oswebsite/products/os-streetview/index.html</a>
300012	Ordnance Survey of Great Britain	GB Coastline (Ordnance Survey)	<p>Boundary-Line is a specialist 1:10 000 scale boundaries dataset. It contains all levels of electoral and administrative boundaries, from district, wards and civil parishes (or communities) up to parliamentary, assembly and European constituencies. The information is represented as vector digital data. The boundary information is updated twice a year, in May and October. The May release contains the boundaries that have become live in the first week of May, in the year of release. The October release contains the May boundaries plus additional information. Customers can choose either May or October releases. * County - The named county, district, district ward, civil parish, county electoral division (ED). * European constituencies - The named European region. * Greater London Authority - The Greater London Authority, Greater London Authority Assembly constituency, London borough, London borough ward. * Metropolitan districts - The named metropolitan district, metropolitan district ward, civil parish where appropriate. * Scottish parliamentary electoral region - The named Scottish Parliamentary electoral region, Scottish parliamentary constituency. * Unitary authorities- The named unitary authority, unitary authority ward or unitary authority ED as appropriate, civil parish where appropriate, together with community in Wales. * Welsh Assembly Electoral Region - The named Welsh Assembly electoral region, Welsh assembly constituency. * Westminster constituencies - The named Westminster constituency. * Extent of the realm - Low water mark or seaward boundary extension. * High water mark * Unique identifiers - For administrative areas, polygons and links. * Area measurements * Definitive names * Census codes</p> <p>Shows the Great Britain coastline.</p>	<a href="http://www.ordnancesurvey.co.uk/oswebsite/products/os-streetview/index.html">http://www.ordnancesurvey.co.uk/oswebsite/products/os-streetview/index.html</a>

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300002	Ordnance Survey of Great Britain	County Boundaries, England (Ordnance Survey)	<p>Boundary-Line is a specialist 1:10 000 scale boundaries dataset. It contains all levels of electoral and administrative boundaries, from district, wards and civil parishes (or communities) up to parliamentary, assembly and European constituencies. The information is represented as vector digital data. The boundary information is updated twice a year, in May and October. The May release contains the boundaries that have become live in the first week of May, in the year of release. The October release contains the May boundaries plus additional information. Customers can choose either May or October releases. * County - The named county, district, district ward, civil parish, county electoral division (ED). * European constituencies - The named European region. * Greater London Authority - The Greater London Authority, Greater London Authority Assembly constituency, London borough, London borough ward. * Metropolitan districts - The named metropolitan district, metropolitan district ward, civil parish where appropriate. * Scottish parliamentary electoral region - The named Scottish Parliamentary electoral region, Scottish parliamentary constituency. * Unitary authorities- The named unitary authority, unitary authority ward or unitary authority ED as appropriate, civil parish where appropriate, together with community in Wales. * Welsh Assembly Electoral Region - The named Welsh Assembly electoral region, Welsh assembly constituency. * Westminster constituencies - The named Westminster constituency. * Extent of the realm - Low water mark or seaward boundary extension. * High water mark * Unique identifiers - For administrative areas, polygons and links. * Area measurements * Definitive names * Census codes</p> <p>Includes old-style metropolitan counties as well as new-style non-metropolitan counties.</p>	<a href="http://www.ordnancesurvey.co.uk/oswebsite/products/os-streetview/index.html">http://www.ordnancesurvey.co.uk/oswebsite/products/os-streetview/index.html</a>
300010	Ordnance Survey of Great Britain	Unitary Electoral Divisions (Ordnance Survey)	<p>Boundary-Line is a specialist 1:10 000 scale boundaries dataset. It contains all levels of electoral and administrative boundaries, from district, wards and civil parishes (or communities) up to parliamentary, assembly and European constituencies. The information is represented as vector digital data. The boundary information is updated twice a year, in May and October. The May release contains the boundaries that have become live in the first week of May, in the year of release. The October release contains the May boundaries plus additional information. Customers can choose either May or October releases. * County - The named county, district, district ward, civil parish, county electoral division (ED). * European constituencies - The named European region. * Greater London Authority - The Greater London Authority, Greater London Authority Assembly constituency, London borough, London borough ward. * Metropolitan districts - The named metropolitan district, metropolitan district ward, civil parish where appropriate. * Scottish parliamentary electoral region - The named Scottish Parliamentary electoral region, Scottish parliamentary constituency. * Unitary authorities- The named unitary authority, unitary authority ward or unitary authority ED as appropriate, civil parish where appropriate, together with community in Wales. * Welsh Assembly Electoral Region - The named Welsh Assembly electoral region, Welsh assembly constituency. * Westminster constituencies - The named Westminster constituency. * Extent of the realm - Low water mark or seaward boundary extension. * High water mark * Unique identifiers - For administrative areas, polygons and links. * Area measurements * Definitive names * Census codes</p> <p>Electoral wards/divisions are the base unit of UK administrative geography such that all higher units are built up from them. They are also used as a base unit for many other geographies such as parliamentary constituencies and Primary Care Trusts (PCTs). Electoral wards are found across Scotland, Northern Ireland and Polygon dataset that shows the 5 OSPAR regions in the North Atlantic</p>	<a href="http://www.ordnancesurvey.co.uk/oswebsite/products/os-streetview/index.html">http://www.ordnancesurvey.co.uk/oswebsite/products/os-streetview/index.html</a>
1500007	Oslo Paris Commission	OSPAR - Administrator of the Oslo and Paris Conventions for the protection of the marine environment	The OSPAR Convention is the current legal instrument guiding international cooperation on the protection of the marine environment of the North-East Atlantic. Work under the Convention is managed by the OSPAR Commission, made up of representatives of the Governments of 15 Contracting Parties and the European Commission, representing the European Union.	<a href="http://www.ospar.org/content/content.asp?menu=01511400000000_000000_000000">http://www.ospar.org/content/content.asp?menu=01511400000000_000000_000000</a>
1500053	Portland Harbour Authority	Portland Harbour Authority Pilotage Area	Portland pilotage area is defined in the Portland Harbour Revision Order 1997.	<a href="http://www.portland-port.co.uk">www.portland-port.co.uk</a>
1500052	Portland Harbour Authority	Portland Harbour Authority Additional Area	The Portland Harbour revision order was put in place to temporarily manage maritime activities during the 2012 Olympic and Paralympic sailing. It is an area of intense maritime activity (commercial shipping etc) to the extent that 'the 2012 Order' was necessary to ensure sailing events could be managed safely and securely and without disruption.	<a href="http://www.portland-port.co.uk">www.portland-port.co.uk</a>
1500051	Portland Harbour Authority	Portland Harbour Authority Jurisdiction Area	Portland jurisdiction is defined in the Portland Harbour Revision Order 1997.	<a href="http://www.portland-port.co.uk">www.portland-port.co.uk</a>

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2000027	Rijkswaterstaat	Dutch MPAs - Specially Protected Areas & Special Areas of Conservation	<p>Shapefile contains information for Dutch designated SACs and SPAs. SACs are designated under the EU habitats directive and SPAs under the EU birds directive. Further information about both directives can be found at <a href="http://ec.europa.eu/environment/nature/legislation/habitatsdirective/index_en.htm">http://ec.europa.eu/environment/nature/legislation/habitatsdirective/index_en.htm</a> and <a href="http://ec.europa.eu/environment/nature/legislation/birdsdirective/index_en.htm">http://ec.europa.eu/environment/nature/legislation/birdsdirective/index_en.htm</a></p> <p>There are current 6 sites designated as either an SAC, SPA or both:</p> <ul style="list-style-type: none"> <li>- Dogger Bank</li> <li>- Cleaver Bank (Klaverbank)</li> <li>- Frisian Front</li> <li>- Vlake van de Raan</li> <li>- Voordelta</li> <li>- Noordzeekustzone (North Sea Coastal Zone)</li> </ul>	<a href="https://www.rijkswaterstaat.nl/en/contact/">https://www.rijkswaterstaat.nl/en/contact/</a>
2000026	Rijkswaterstaat	Dutch Marine Protected Areas - Particularly Sensitive Sea Areas (PSSA)	<p>Sites designated within this shapefile are only Particularly Sensitive Sea Areas (PSSA). They are not linked to any EU Directive but are taken into account since the natural values are higher than in the surrounding area.</p> <p>Sites listed are:</p> <ul style="list-style-type: none"> <li>- Central Oestergronden</li> <li>- Gasfonteinen</li> <li>- Bruinebank</li> <li>- Zeeuwse Banken</li> <li>- Borkumse Stenen</li> <li>- Kustzee</li> </ul>	<a href="https://www.rijkswaterstaat.nl/en/contact/">https://www.rijkswaterstaat.nl/en/contact/</a>
1500026	Rijkswaterstaat	Rijkswaterstaat web mapping	Access to Rijkswaterstaat web mapping data.	<a href="http://www.rwsgeoweb.nl">www.rwsgeoweb.nl</a>
2100008	Royal Society for the Protection of Birds	Royal Society for the Protection of Birds - Black Legged Kittiwake 2011	Tag tracks of Black Legged Kittiwakes from the RSPB Bempton/Flamborough Cliffs Special Protected Area in 2011.	<a href="http://www.rspb.org.uk/">http://www.rspb.org.uk/</a>
2100009	Royal Society for the Protection of Birds	Royal Society for the Protection of Birds - Lesser Black-Backed Gull 2010	Tag tracks of Black Legged Kittiwakes from the RSPB Bempton/Flamborough Cliffs Special Protected Area in 2011. Dataset shows information recorded from the 3 birds that were tracked.	<a href="http://www.rspb.org.uk/">http://www.rspb.org.uk/</a>
2100010	Royal Society for the Protection of Birds	Royal Society for the Protection of Birds - Lesser Black-Backed Gull 2011	Tag tracks of Black Legged Kittiwakes from the RSPB Bempton/Flamborough Cliffs Special Protected Area in 2011. Dataset shows information recorded from the 13 birds that were tracked.	<a href="http://www.rspb.org.uk/">http://www.rspb.org.uk/</a>
2100007	Royal Society for the Protection of Birds	Royal Society for the Protection of Birds - Black Legged Kittiwake 2010	Tag tracks of Black Legged Kittiwakes from the RSPB Bempton/Flamborough Cliffs Special Protected Area in 2010.	<a href="http://www.rspb.org.uk/">http://www.rspb.org.uk/</a>
2100001	Royal Society for the Protection of Birds	Royal Society for the Protection of Birds - Important Bird Areas	<p>BirdLife International's Important Bird Areas programme looks to identify and protect a network of sites critical for the long term health of bird populations.</p> <p>Four kinds of Important Bird Areas cover seabirds away from their breeding colonies:</p> <ul style="list-style-type: none"> <li>- critical at sea areas used by ocean-going species</li> <li>- migration bottlenecks</li> <li>- non-breeding (coastal) congregations</li> <li>- seaward extensions to breeding colonies to include major foraging areas</li> </ul>	<a href="http://www.rspb.org.uk/ourwork/policy/marine/international/important_bird_areas.a.spx">http://www.rspb.org.uk/ourwork/policy/marine/international/important_bird_areas.a.spx</a>
900008	Royal Society for the Protection of Birds	Royal Society for the Protection of Birds Reserves (UK)	The RSPB Reserve Boundaries dataset contains the boundaries of all land managed, leased or owned as part of RSPB reserves. Areas for which other rights are held or which are not classed as RSPB reserves are excluded (for exceptions please see individual site records). Some reserves are only represented by an indicative boundary due to confidentiality issues surrounding the definitive boundary.	<a href="http://www.rspb.org.uk/ourwork/gis/">http://www.rspb.org.uk/ourwork/gis/</a>
2100006	Royal Society for the Protection of Birds	Royal Society for the Protection of Birds - Black Legged Kittiwake 2009	Tag tracks of Black Legged Kittiwakes from the RSPB Bempton/Flamborough Cliffs Special Protected Area in 2009.	<a href="http://www.rspb.org.uk/">http://www.rspb.org.uk/</a>
1600008	Royal Yachting Association	Royal Yachting Association - Clubs	RYA Clubs: The dataset displays the location of the RYA affiliated clubs and the types of activities each club undertakes in 2009.	<a href="http://www.rya.org.uk">www.rya.org.uk</a>
1600005	Royal Yachting Association	Royal Yachting Association - Cruising Routes	RYA Cruising Routes: The dataset displays the location of the RYA cruising routes throughout UK waters in a divisional format that follows heavy, medium and light use (see lineage for further explanation).	<a href="http://www.rya.org.uk">www.rya.org.uk</a>
1600007	Royal Yachting Association	Royal Yachting Association - Sailing Areas	RYA Sailing Areas: The dataset displays the location of the RYA Sailing Areas. The dataset was first created in 2006. General Sailing Areas - Areas in extensive use for general day-sailing by all types of recreational craft but particularly smaller craft such as small cruisers, day-boats, dinghies, sailboards and personal watercraft. Such craft will not normally be undertaking point-to-point passages but will be on out and return activities and may appear to be sailing in random directions as they take advantage of wind and tide to make progress.	<a href="http://www.rya.org.uk">www.rya.org.uk</a>

URI	Distributor	Title	Resource Abstract	Resource Locator URL
1600006	Royal Yachting Association	Royal Yachting Association - Racing Areas	RYA Racing Areas: The dataset displays the location of the RYA Racing Areas. Racing Areas - Areas in frequent use, particularly at week-ends and holiday periods, by large numbers of racing craft normally under sail but also power. Such areas are generally under the control of nearby Sailing Clubs and may contain temporary or permanent race course marking buoys. Detailed routes will normally only be determined on the day of the race although certain longer-distance races may have routes published in advance. In addition some racing may take place outside the areas indicated. Racing craft will obey the specialised racing rules between themselves but will follow the conventional Collision Regulations when other vessels are in conflict.	<a href="http://www.rya.org.uk">www.rya.org.uk</a>
1600011	Royal Yachting Association	Royal Yachting Association - Training Centres	RYA Training Centres: The dataset displays the location of the RYA Training Centres and the types of activities undertaken at each centre. Training Centres - Teaching institutions that provide practical and theoretical training in sailing and power boating to recognised Royal Yachting Association standards. Those located on the coast will normally have marina-type boat berths attached, which are in use throughout the year.	<a href="http://www.rya.org.uk">www.rya.org.uk</a>
1600009	Royal Yachting Association	Royal Yachting Association - Marinas	This dataset has been collated by RYA and displays the location of Marinas. The marinas are not run by or affiliated with the RYA. Most charted are commercial marinas. Most berth-holders will be permanently based at that marina but most also have a high proportion of visitor berths available for passing craft. Most have a full range of yachting facilities such as chandlers and repair shops and should be regarded as primary ports of origin and destination for recreational craft. More information can be found in the RYA Marina Guide*. In the North and West of Scotland and the islands, marinas tend to be smaller with fewer berths and facilities but are nevertheless important ports of call and destinations.  *It is important to recognise that the number of marinas in Scotland has increased recently and some will not yet be in the RYA Marina Guide.	<a href="http://www.rya.org.uk">www.rya.org.uk</a>
1600010	Royal Yachting Association	Royal Yachting Association - Scotland Marinas	This dataset has been collated by RYA and displays the location of Marinas. The marinas are not run by or affiliated with the RYA.	<a href="http://www.rya.org.uk/infoadvice/planningenvironment/Pages/default.aspx">http://www.rya.org.uk/infoadvice/planningenvironment/Pages/default.aspx</a>
1400012	The Crown Estate	The Crown Estate - Aquaculture Current Leases	This dataset identifies the spatial boundaries of current aquaculture leases in Scottish Waters. Leases include both finfish and shellfish. Please be aware this information can change regularly.	<a href="http://www.thecrownestate.co.uk/marine/downloads/maps-and-gis-data/">http://www.thecrownestate.co.uk/marine/downloads/maps-and-gis-data/</a>
1400067	The Crown Estate	NGS Pipelines (TCE Agreements in UK Waters)	These TCE Agreements pipelines are related to the Natural Gas Storage sector in the United Kingdom waters. Attribute information includes name, tenant and pipeline type. The data source is the individual owner company of the infrastructure.	
1400047	The Crown Estate	The Crown Estate - Carbon Capture and Storage	This dataset shows carbon capture and storage agreements given by The Crown Estate. At this stage there is one Agreement for Lease for a site called Goldeneye, along with an existing pipeline agreement. The proposed CO2 and storage reservoir area is owned by Shell and is planned to form part of the carbon capture and storage project with the SSE Peterhead power station. Carbon from the gas-fired power plant in Peterhead will be pumped to Shell's depleted Goldeneye gas field, located 65 miles off the coast of north east Scotland. The proposed SSE Peterhead project aims to design and develop a full chain, post-combustion CCS facility which will be capable of capturing the CO2 from one 385 MW combined cycle gas turbine unit. The first injection is planned for 2016.	<a href="http://www.thecrownestate.co.uk/marine/downloads/maps-and-gis-data/">http://www.thecrownestate.co.uk/marine/downloads/maps-and-gis-data/</a>
1400046	The Crown Estate	The Crown Estate - Carbon Capture and Storage Pipeline	These pipelines TCE Agreements are related to the Carbon Transportation and Storage sector in the United Kingdom waters. Attribute information includes name, tenant and pipeline type.  The data source is the individual owner company of the infrastructure.	<a href="http://www.thecrownestate.co.uk/marine/downloads/maps-and-gis-data/">http://www.thecrownestate.co.uk/marine/downloads/maps-and-gis-data/</a>
1400045	The Crown Estate	The Crown Estate - Offshore Wind	These data represent all offshore wind farms in pre-planning, planning, construction and operational phases in United Kingdom waters. Leasing rounds 1, 2 and 3 are included along with round 1 and 2 extensions, Scottish exclusivity award applications, Demonstration wind farms and the Northern Ireland Offshore Wind Resource Area. □ □ The boundaries are a true reflection of what has been signed in the Agreements for Lease, and Lease documents.	<a href="http://www.thecrownestate.co.uk/marine/downloads/maps-and-gis-data/">http://www.thecrownestate.co.uk/marine/downloads/maps-and-gis-data/</a>
1600026	The Crown Estate	The Crown Estate - EMS Dredging Activity 2010 (UK)	Data shows the geographical extent of offshore aggregate dredging on production licences granted by The Crown Estate, during 2010.	<a href="http://www.thecrownestate.co.uk/energy-and-infrastructure/downloads/maps-and-gis-data/">http://www.thecrownestate.co.uk/energy-and-infrastructure/downloads/maps-and-gis-data/</a>

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1400017	The Crown Estate	The Crown Estate - Tidal Lease Areas	This dataset shows the extent of live wave leases in UK waters. Some leases are part of Round 1 in Pentland Firth where successful bidders for this project were announced by The Crown Estate on 16 March 2010. Remaining areas are demonstration sites used for demonstration of technology purposes only or form part of the Further Wave and Tidal Leasing Round. Positional corrections of Pentland Firth sites on 30th July 2010. Inner Sound boundary amended as of 25th July 2011 update. On 12th October 2011 The Crown Estate announced eight new offshore site agreements for wave and tidal energy projects, taking the total number of UK projects to over 30. This dataset shows the new sites that result from the second application window for projects in connection with the Scottish Government's Saltire Prize (in Scottish waters) and demonstration projects. The projects are in a variety of locations around the UK coast, with the majority off Scotland and including sites off Wales and Northern Ireland. They range from small technology test schemes for short term installation to commercial projects with up to 30 MW potential generating capacity. In most cases, the rights awarded are 'agreements for lease' - exclusivity agreements for areas of seabed. Using these agreements the project developers will survey the sites and design projects in preparation to install generation devices in future. Before construction begins and prior to The Crown Estate issuing leases for any of the sites, the developers will need to obtain statutory consents from relevant government regulators, such as Marine Scotland or the Marine Management Organisation. This normally requires completion of an Environmental Impact Assessment, and the statutory consenting process itself includes further consultation with stakeholders to ensure developments proceed only after the views of interested parties have been taken into account. The third application window for Saltire Prize and demonstration projects, which could result in more leases being awarded as soon as March 2012, will open on 24 October 2011. For further details, see The Crown Estate website.	<a href="http://www.thecrownestate.co.uk/marine/downloads/maps-and-gis-data/">http://www.thecrownestate.co.uk/marine/downloads/maps-and-gis-data/</a>
1400014	The Crown Estate	DEFRA - Fishery Orders (England & Wales)	This dataset shows the boundaries of fishery orders affecting Crown Estate seabed/foreshore in England and Wales. This dataset was derived from The Crown Estate's Agreement layer which contains information on the individual current, historic, expired and pending dealings relating to the foreshore of England and Wales. This dataset is currently incomplete (only fisheries affecting Crown Estate seabed/foreshore were captured) and includes 12 fishery orders in England, one for Wales and none for Scotland. The public has a right to fish in tidal waters and to collect shellfish from the exposed foreshore, provided they have right of access. This right may be regulated by byelaw, but not extinguished.	<a href="http://www.cefas.defra.gov.uk/">http://www.cefas.defra.gov.uk/</a>
1300025	The Crown Estate	The Crown Estate - Buoy Sites for England from the Channel Coastal Observatory (GB)	This dataset displays wave buoy sites for the UK obtained from the Channel Coastal Observatory. Attributes include buoy type and date of deployment.	<a href="http://www.thecrownestate.co.uk/marine/downloads/maps-and-gis-data/">http://www.thecrownestate.co.uk/marine/downloads/maps-and-gis-data/</a>
1400011	The Crown Estate	The Crown Estate - Aggregate Prospecting or Options	This dataset shows the location of current Option Licences issued by The Crown Estate. DATASET SHOULD BE DISPLAYED AS ONE COLOUR  This dataset has 5 attributes; Area Name, Company, Number, Notes and Source. Please note that more than one option may be issued for the same geographical area, and as such some polygons in this data may be attributed to more than one company. The status field is used to highlight which stage in the Offshore Aggregates Lifecycle the area is currently in. More information about these stages is given in the Lineage Statement.  Often these agreements predate digital mapping and as such there may be geographical boundary inconsistencies within or between GIS layers. Layers supplied by The Crown Estate are designed to show the legal locations detailed in The Crown Estate agreements. This means that these may include topological inconsistencies that will be reviewed and amended in the future as areas are subject to relicensing or expiry. For further information, please contact <a href="mailto:marineminerals@thecrownestate.co.uk">marineminerals@thecrownestate.co.uk</a>	<a href="http://www.thecrownestate.co.uk/marine/downloads/maps-and-gis-data/">http://www.thecrownestate.co.uk/marine/downloads/maps-and-gis-data/</a>

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1400010	The Crown Estate	The Crown Estate - Aggregate Production Licences	<p>This dataset shows the location of current Marine Aggregate Licence Areas issued on Crown Estate owned seabed. This dataset has 4 attributes; Area Name, Company, Area Number and Sub Type. □</p> <p>□</p> <p>In most cases Licence Areas are exclusive to a single company however on occasions non-exclusive agreements may also be issued. In such situations polygons that appear duplicated will in fact be discrete records as they will be attributed to different companies involved in the non-exclusive agreement. □</p> <p>□</p> <p>To work an area of seabed a Production Agreement from The Crown Estate and a Marine Licence from the relevant national marine regulator must be in place. Applications for the renewal of a Licence area are stored in the associated Application Areas dataset and as they occur while an area is still active this may result in the situation where a record is duplicated across the datasets. In such cases the Licence Areas dataset is the primary reference. □</p> <p>□</p> <p>IT IS BEST TO SYMBOLISE THIS DATASET USING A SINGLE COLOUR. □</p> <p>When displaying this dataset with the associated Application Area and Option Area datasets, Licence Areas should be displayed as the top most layer, above Application Areas which would be above Option Areas. □</p> <p>□</p> <p>Layers supplied by The Crown Estate are designed to show the locations detailed in The Crown Estate legal agreements. This means that these may include historical topological inconsistencies that will be reviewed and amended in the future as aggregate areas are subject to relicensing or expiry.</p>	<a href="http://www.thecrownestate.co.uk/marine/downloads/maps-and-gis-data/">http://www.thecrownestate.co.uk/marine/downloads/maps-and-gis-data/</a>
1400009	The Crown Estate	The Crown Estate - Aggregate Application Areas	<p>This dataset shows the location of current Marine Aggregate Application Areas being progressed on Crown Estate owned seabed. This dataset has 4 attributes; Area Name, Company, Area Number, and Sub Type. □</p> <p>□</p> <p>In most cases Aggregate Application Areas are exclusive to a single company however it is possible that multiple applications maybe underway for the same geographical area. In such situations polygons that appear duplicated will in fact be discrete records as they will be attributed to different companies involved. Applications for renewals of Licence Areas are also stored in this dataset resulting in the situation where a record may also exist in the associated Marine Aggregate Licence Areas dataset. In such cases the Licence Areas dataset is the primary reference. □</p> <p>□</p> <p>IT IS BEST TO SYMBOLISE THIS DATASET USING A SINGLE COLOUR. □</p> <p>When displaying this dataset with the associated Licence Area and Option Area datasets, Applications Areas should be displayed as the second layer, below Licence Areas but above Option Areas. □</p> <p>□</p> <p>Layers supplied by The Crown Estate are designed to show the locations detailed in The Crown Estate legal agreements. This means that these may include historical topological inconsistencies that will be reviewed and amended in the future as aggregate areas are subject to relicensing or expiry.</p>	<a href="http://www.thecrownestate.co.uk/marine/downloads/maps-and-gis-data/">http://www.thecrownestate.co.uk/marine/downloads/maps-and-gis-data/</a>
1400004	The Crown Estate	The Crown Estate - Gas Storage Areas	<p>This dataset shows gas storage leases given by The Crown Estate. At this stage there are two leases, Rough and Gateway. Rough acts as a storage facility for gas shippers and suppliers, allowing them to feed gas into Transco's National Transmission System when demand is at its peak, or withdraw and re-inject it into the reservoir when demand is low. Any company with a UK gas shipper licence can apply to purchase storage capacity at Rough.</p> <p>Gateway is a salt cavern.</p> <p>This data has been checked with the lease areas held by DECC to ensure they match.</p>	<a href="http://www.thecrownestate.co.uk/marine/downloads/maps-and-gis-data/">http://www.thecrownestate.co.uk/marine/downloads/maps-and-gis-data/</a>
1400064	The Crown Estate	Wind Farm Export Cable Routes (Seabed Agreements)	This dataset contains corridors of seabed that The Crown Estate has entered into an agreement upon with either a wind farm developer, or an offshore transmission operator (OFTO).	<a href="http://www.thecrownestate.co.uk/energy-infrastructure/downloads/">http://www.thecrownestate.co.uk/energy-infrastructure/downloads/</a>
1300026	The Crown Estate	Wind Farm Cables (The Crown Estate)	These data represent all publicly available active and proposed offshore wind farm cables within UK Waters. The cables export power from the wind farm to the UK National Grid. In some cases inter-array cables may be shown. The attributes contain both the name and the current status (Active/Proposed) of the wind farm cable.	<a href="http://www.thecrownestate.co.uk/marine/downloads/maps-and-gis-data/">http://www.thecrownestate.co.uk/marine/downloads/maps-and-gis-data/</a>

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1400016	The Crown Estate	The Crown Estate - Wave Lease Areas	This dataset shows the extent of live wave leases in UK waters. Some leases are part of Round 1 in Pentland Firth where successful bidders for this project were announced by The Crown Estate on 16 March 2010. Other areas include those awarded following Application Windows one to three of the Further Wave & Tidal Leasing Round. Remaining areas are demonstration/test sites used for demonstration of technology purposes only. Please note that some lease boundaries do not contain all coordinates along the coastline. Where the foreshore does not form part of the Crown Estate or the Premises are intended to run along the line of the foreshore then the relevant boundary line would follow the MHSW except where other rights exist. Please therefore overlay the coastline onto the wave & tidal data when displaying them in a map.	<a href="http://www.thecrownestate.co.uk/marine/downloads/maps-and-gis-data/">http://www.thecrownestate.co.uk/marine/downloads/maps-and-gis-data/</a>
1800003	UK Hydrographic Office	United Kingdom Hydrographic Office - Renewable Energy Zone for Scotland	This dataset shows the area of the sea, beyond Scotland's territorial sea, which may be exploited for energy production. This dataset was created by the UK Hydrographic Office for the purpose of representing the legal administrative boundaries of the Scottish Renewable Energy Zone as outlined in the Renewable Energy Zone (Designation of Area) Order 2004.	<a href="http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml">http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml</a>
1800017	UK Hydrographic Office	UK Exclusive Economic Zone (2013)	This dataset displays the UK Exclusive Economic Zone as per the The Exclusive Economic Zone Order 2013 (2013 No. 3161).	
1800011	UK Hydrographic Office	United Kingdom Hydrographic Office 12 Nautical Mile Limit	UKHO 12 Nautical Mile Limit (aka UK 12nm Territorial Limit). This ambulatory limit is updated by UKHO on an annual basis. This dataset represents the most up to date version of the 12nm limit (as of Jan 2014). This should not be confused with the 1983 12nm fishery limit which is a different dataset.	<a href="http://aws2.caris.com/ukho/mapViewer/map.action">http://aws2.caris.com/ukho/mapViewer/map.action</a>
1800007	UK Hydrographic Office	United Kingdom Hydrographic Office - UK Renewable Energy Zone	This dataset shows the boundary line for application of English and Scottish civil and criminal law to offshore renewable energy installations. This dataset was created by the UK Hydrographic Office for the purpose of representing the legal administrative boundaries of the UK Renewable Energy Zone as outlined in the Renewable Energy Zone (Designation of Area) Order 2004.	<a href="http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml">http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml</a>
1800015	UK Hydrographic Office	United Kingdom Hydrographic Office Gas Importation Storage Zone	This dataset shows Gas Importation Storage Zone. Under Chapter 1 of Part 1 of the Energy Act 2008 provision is made for the vesting in the Crown of certain rights arising under Part V of the United Nations Convention on the Law of the Sea (UNCLOS). Under Part V the UK may claim the exclusive right to explore and exploit areas outside the territorial sea of the United Kingdom for the purposes of gas importation and storage.	<a href="http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml">http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml</a>
1800006	UK Hydrographic Office	United Kingdom Hydrographic Office - UK Pollution Zone	This dataset shows the Merchant Shipping Prevention of Pollution Limits. It was created by the UK Hydrographic Office for the purpose of representing the legal administrative boundaries defined outlined in Merchant Shipping (Prevention of Pollution)(Limits) Regulations 1996 and the Merchant Shipping (Prevention of Pollution)(Limits) Regulations 1997.	<a href="http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml">http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml</a>
1800005	UK Hydrographic Office	United Kingdom Hydrographic Office - UK Fisheries Limit	This dataset shows the offshore zone in which exclusive fishing rights and management are held by the UK. It was created by the UK Hydrographic Office for the purpose of representing the legal administrative boundaries defined in the Fisheries Limit Act 1976.	<a href="http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml">http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml</a>
1800004	UK Hydrographic Office	United Kingdom Hydrographic Office - UK Continental Shelf Limits	This dataset shows the UK's continental shelf limits and the UK's territorial sea limits. The continental shelf limits are defined as the subsoil of the submarine areas that extend beyond the UK's territorial sea throughout the natural prolongation of its land territory to the outer edge of the continental margin, or to a distance of 200 nautical miles from the baselines from which the breadth of the territorial sea is measured where the outer edge of the continental margin does not extend out to that distance.  This dataset was created by the UK Hydrographic Office for the purpose of representing the limits of the UKCS as set out in orders made under section 1(7) of the Continental Shelf Act 1964 and the UK territorial limits set out in the Territorial Sea Act 1987, the Territorial Waters Order in Council 1964 and the Territorial Sea (Amendment) Order 1998.	<a href="http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml">http://www.geostore.com/environment-agency/WebStore?xml=environment-agency/xml/ogcDataDownload.xml</a>
1000002	UKDeal	Department of Energy and Climate Change - 3D Seismic Survey Areas	Dataset contains outline polygons of 3D seismic surveys shot within the United Kingdom Continental Shelf.	<a href="https://www.gov.uk/oil-and-gas-onshore-maps-and-gis-shapefiles">https://www.gov.uk/oil-and-gas-onshore-maps-and-gis-shapefiles</a>
1700002	UKDeal	Field Determination Boundaries (UK DEAL)	Details the location, type and status of hydrocarbon fields within the UK Continental shelf.	<a href="http://www.ukdeal.co.uk">http://www.ukdeal.co.uk</a>
100054	UKDeal	Oil & Gas Safety Zones (UK DEAL)	Dataset details the location, extent and feature of safety zones within the UK continental shelf.	<a href="http://www.ukdeal.co.uk">http://www.ukdeal.co.uk</a>
1000001	UKDeal	Department of Energy and Climate Change - 2D Seismic Survey Areas	Dataset contains 2D seismic lines shot within the United Kingdom Continental Shelf.	<a href="https://www.gov.uk/oil-and-gas-onshore-maps-and-gis-shapefiles">https://www.gov.uk/oil-and-gas-onshore-maps-and-gis-shapefiles</a>
1400001	UkDeal	Current Hydrocarbon Licence Blocks (UK DEAL)	Licensed oil and gas areas. Oil & Gas Licensing Areas / SPIRE licence blocks. Framework grid for UK offshore oil and gas license areas mapped and held on DEAL database. Shapefile divides the UKCS into 12 minute intervals to be used for marine licensing.	<a href="http://www.ukdeal.co.uk">www.ukdeal.co.uk</a>
1300042	UKDeal	Wells (UKDeal)	This dataset shows the location of wells drilled by the oil and gas industry. Some of these wells may incorporate submarine structures which projecting some distance above the seabed capping a temporarily abandoned or suspended oil or gas well.	<a href="https://www.ukdeal.co.uk/">https://www.ukdeal.co.uk/</a>
1300031	UkDeal	Surface Infrastructure (UK DEAL)	UKDEAL is the gateway to information to on the UK Offshore oil & gas industry. Shapefile details the location of surface infrastructure within the UKCS.	<a href="http://www.ukdeal.co.uk">www.ukdeal.co.uk</a>

URI	Distributor	Title	Resource Abstract	Resource Locator URL
1300030	UkDeal	Subsurface Infrastructure (UK DEAL)	UKDEAL is the gateway to information to on the UK Offshore oil & gas industry. Shapefile details the location of subsurface infrastructure within the UKCS.	<a href="http://www.ukdeal.co.uk">www.ukdeal.co.uk</a>
1800009	VLIZ	VLIZ - International Maritime Boundaries	Under the law of the sea, an exclusive economic zone (EEZ) is a SeaZone over which a state has special rights over the exploration and use of marine resources. It stretches from the seaward edge of the state's territorial sea out to 200 nautical miles from its coast. In casual usage, the term may include the territorial sea and even the continental shelf beyond the 200 mile limit.	<a href="http://www.vliz.be/vmdcdata/marbound">http://www.vliz.be/vmdcdata/marbound</a>
1800010	VLIZ	VLIZ - International Maritime Boundaries	Under the law of the sea, an exclusive economic zone (EEZ) is a SeaZone over which a state has special rights over the exploration and use of marine resources. It stretches from the seaward edge of the state's territorial sea out to 200 nautical miles from its coast. In casual usage, the term may include the territorial sea and even the continental shelf beyond the 200 mile limit.	<a href="http://www.vliz.be/vmdcdata/marbound">http://www.vliz.be/vmdcdata/marbound</a>