

Appendix C1: List of Existing Data Sources Accessed by MCZ Regional Projects and JNCC/NE

(Cross reference Section 3.2.1 of Report)

This Appendix lists all the data sets used by the Regional Projects and NE/JNCC in their Confidence Assessments and highlights those datalayers that were used by MB0116 project, these include the versions where applicable.

Table C1.1

Existing Data Sets used by NE and JNCC		Existing Data sets used by MB0116		
Data Set	Data layer description	Data Provided By	Versions accessed	Was data used
MB0102	MB102	Defra (via ABPmer)	Sample point data for HOCl (Habitat_HOCl_Points)	Yes
	MB102		MB102 HOCl map (Habitat_HOCl)	Yes
	MB102		Sample points for non-mobile species (Non_mobile_Species)	Yes
	MB102 task 2i		MB102 intertidal BSH layer (Intertidal_BSH)	Yes
	MB102		BGS modeled Habitat map (Subtidal_sands_gravels_BGS_Modelled)	Yes
UKSeaMap	Version used unknown	JNCC	UKSeaMap V8 (UKSeaMap_V8)	Yes
MESH	Version used unknown	JNCC	MESH combined ENUIS map v3.3 MESH, Uk Seemap, MB102 Intertidal layer and REC data layers were used to create this layer. (MESH_DissolvedAll_MCZ)	Yes
			Sample points used in the creation of MESH taken from Marine Recorder (MESH_Points)	Yes
REC	East Coast REC	MALSF	East coast habitat map (EC_EUNIS_L3)	No – No ENG records intersecting with the MCZs
	Humber REC		Humber sample points (Humber_L3_Points)	Yes

			Humber Habitat map created during REC project (Humber_L3_withEnergy)	Yes
	South Coast REC		South Coast habitat sample points (SC_Biotopes)	Yes
			South Coast habitat map (SC_EUNIS_L3_Mixed)	Yes
	Outer Thames Estuary REC		Outer Thames Estuary habitat map (Thames_Complex_Biotopes)	Yes
Marine Recorder snapshot	Marine Recorder (Various sources, Data also supplied for MB102)	MBA	Marine Recorder Snapshot for Broad scale habitats, habitats and species (2012).	Yes
NBN species records	Not stated	MBA	Captured within Marine Recorder from MBA	Yes
SeaSearch data	Not stated	SeaSearch	Data updated and delivered in Marine Recorder format up to 2012, split by region.	Yes
Dorset Wildlife Trust Records	A variety sources including DERC and Seasearch.	Dorset Wildlife Trust	Padina and Seasearch records (Padina_records, SeasearchMCZ, shore_survey_region).	Yes
Cornwall Wildlife Trust	Not stated	Cornwall Wildlife Trust	Biotope and Species survey data	Yes
Kent Wildlife Trust	Not stated	Kent Wildlife Trust	Habitat data layers	Yes
B108_loS_AngieGal	Not stated	Regional project - FS	Isles of scilly Seasearch and shoresearch habitat data (B108_loS_AngieGal).	Yes
Dorset Environmental Records Centre data	Not stated	Regional project – Finding Sanctuary		Yes
EA data	Not Stated	Environment Agency	EA water framework directive species data (National_WFD_Benthic_EA_Data, EA_smelt_eel_freshwater, EA_smelt_eel_tracwater, Orwell_AND_Stour_WFD_Benthic_Ostrea_edulis)	Yes
CCW reports	Provided as part of MB102	MB102	All MB102 data was used.	Yes

BGS derived polygons	Polygons derived by MarLIN from BGS data	MB102	BGS modeled Habitat map (Subtidal_sands_gravels_BGS_Modelled). Stated above in MB102 section.	Yes
JNCC polygon data	Provided as part of MB102	MB102	All MB102 data was used.	Yes
EA Sea Areas Surveys	Provided as part of MB102	MB102	All MB102 data was used plus SEA8_PortlandBillCruiseReport	Yes
seafish july08	Not stated	Sussex IFCA	Data set which may be the same. (Eastbourne_Survey_Seafish_July08)	Yes
Dong Energy Irish Sea survey	Not stated	Regional project -BS		No – lacking a description of what data represents?
Hughes and Atkinson 1997	Not stated	Regional project - BS		No – lacking a description of what the data represents.
Seahorse Trust	No stated	Kent Wildlife Trust		No – Not enough species detail.
DORIS	Not stated	Regional project – Finding Sanctuary	Seabed habitat data	No – No ENG records intersecting with the MCZs
Shoresearch	Not Stated	Cumbria wildlife trust	Shoresearch data sets for Cumbria area (WTs_Shoresearch_data_Cumbria, WTs_Shoresearch_data_Lancs_May).	No – No ENG records intersecting with the MCZs
Cefas records	Not stated	CEFAS	Three data sets received from CEFAS (CEFAS_Habitat_data, CEFAS_Undulate_Ray-Survey_Data, Species_FOCI).	Yes
NE loS intertidal and underboulder survey data (September 2011)	NE commissioned survey	Natural England	Survey report, photographs from NE and Marine recorder dataset	Yes – however the marine recorder data set was corrupt therefore not used.
Tim Allsop photographs	Local knowledge	Natural England	Photographs taken by divers within the Isles of Scilly	No - the information was not verified by a specialist.
Coastal Channel Observatory [viewed online on 31/10/2012 & 13/11/2012]	Aerial photography	The channel coastal observatory	Website accessed Feb 2013	Yes – this data was used straight from the CCO website to verify intertidal BSH.
Geo-referenced photographic evidence	NE local advisor photogarpchs	Natural England	Geo-referenced photography	Yes – this data was used as additional point records of

				features.
Additional Marine Recorder data (provided by Ian Saunders, NE)	Marine recorder database	Natural England	Marine recorder database	Yes
Robert Irving data	BSH and SOCI data in Marine Recorder format	Natural England		Yes
JNCC survey tow records	Point records from a JNCC survey for the Canyons MCZ	JNCC	Point records	Yes
Pagham Harbour seagrass bed data	Point records	Natural England	GIS point records	Yes
English Heritage records	Not Stated			No
Chichester Harbour Conservancy	Not stated			No
Kent Group Intertidal Surveys 1986-2003	Related to Shoresearch			No
Natural England reports	Stated as various			No
Isles of Scilly Local Group anecdotal knowledge	Not stated			No
Steve Trewhella Survey log 2010	2010			No
OPRU	Oil Pollution Research Unit survey			No
NESFC IECS	Not stated			No
MNCR	Stated as various			No
UKOOA	Not stated			No
ICES stock assessment	Not Stated			No
JNCC/NE survey	Not stated			Yes – if the survey report provided spatial information

Table C1.2 – Data sets used by Balanced Seas

Data Sets used by Balanced Seas Regional Project		Data sets used by MB0116
Data Set	Data layer description	Was data used
1975 – 2010 Kent Wildlife Trust, Native oyster (<i>Ostrea edulis</i>)	SpFOCI_Ostrea_edulis_Oyster_KWT.shp	Yes
1974 – 2010 Environment Agency, Highly Mobile Specis FOCI	SpeciesNam_Smelt.shp	Yes

Smelt (<i>Osmerus eperlanus</i>)		
Eastern Inshore Fisheries and Conservation Authority, Native oyster (<i>Ostrea edulis</i>) Holbrook Bay (Survey 1)	Holbrook10Oyster10_99_region.shp	No – Not enough detail to determine habitat, polygon data with no attributes or metadata.
Eastern Inshore Fisheries and Conservation Authority, Native oyster (<i>Ostrea edulis</i>) Holbrook Bay (Survey 2)	Holbrook10Oyster100_499_region.shp	No – Not enough detail to determine habitat, polygon data with no attributes or metadata.
Eastern Inshore Fisheries and Conservation Authority, Native oyster (<i>Ostrea edulis</i>) Holbrook Bay (Survey 3)	Holbrook10Oyster500_999_region.shp	No – Not enough detail to determine habitat, polygon data with no attributes or metadata.
Eastern Inshore Fisheries and Conservation Authority, Native oyster (<i>Ostrea edulis</i>) Holbrook Bay (Survey 4)	Holbrook10Oyster1000_4999_region.shp	No – Not enough detail to determine habitat, polygon data with no attributes or metadata.
Eastern Inshore Fisheries and Conservation Authority, Native oyster (<i>Ostrea edulis</i>) Holbrook Bay (Survey 5)	Holbrook10OysterRegion.shp	No – Not enough detail to determine habitat, polygon data with no attributes or metadata.
2006 – 2009 Kent Seasearch Sublittoral Survey (Kent Wildlife Trust), Southeast Feature <i>Cerianthus lloydii</i>	SE_Feature_Cerianthus_SACF_KWT.shp	No – Not ENG features
2005 – 2008 Kent Seasearch Sublittoral Survey, Kent Shoresearch Intertidal Survey (Kent Wildlife Trust) Southeast Feature <i>Diadumene cincta</i>	SE_Feature_Diadumene_KWT.shp	No – Not ENG features
2007 – 2009 Kent Seasearch Sublittoral Survey, Kent Shoresearch Intertidal Survey (Kent Wildlife Trust) Southeast Feature <i>Molgula</i> beds	SE_Feature_Molgula_bed_KWT.shp	No – Not ENG features
2005 – 2009 Kent Seasearch Sublittoral Survey, Kent Shoresearch Intertidal Survey (Kent Wildlife Trust) Peacock Worm beds (<i>Sabella pavonina</i>)	SE_Feature_Sabella_C-A-S_KWT.shp	No – Not enough detail to determine habitat
2006 – 2010 Kent Shoresearch Intertidal Survey (Kent Wildlife Trust) Intertidal algal communities on consolidated shingle	SE-Feature_Algae_on_shingle_KWT.shp	No – Not ENG features
1986 – 2010 Channel Tunnel Sublittoral Survey 1986, Kent Seasearch Sublittoral Survey (Kent Wildlife Trust) Southeast Feature Chalk gullies	SE-Feature_Gullies_in_Chalk_KWT_incl_KSS2010.shp	No – Not ENG features
2010 Kent SeaSearch, Southeast Feature Hard rock reefs, including sandstone and cementstone.	SE-Feature_Hard_Rock_KSS_2010.shp	No – Not ENG features
1986 – 2010 Kent Wildlife Trust and Kent SeaSearch, Southeast Feature Hard rock reefs, including sandstone and cementstone.	SE-Feature_Hard_rock_KWT_incl_KSS_2010.shp	No – Not ENG features
2004 – 2010 Kent Wildlife Trust and Kent SeaSearch, Southeast Feature <i>Pentapora foliacea</i>	SE-Feature_Pentapora_KWT_incl_KSS2010.shp	No – Not ENG features
2010 Kent Seasearch (Kent Wildlife Trust) Southeast Feature Stalked jellyfish (<i>Craterolophus convolvulus</i>)	SE-Feature_StalkedJelly_Craterolophus_con_KWT.sh	No – Not ENG features

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1997 – 2010 Kent Wildlife Trust, Southeast Feature Spoon worms <i>M. Lankestri</i>	SE_Feature_Mud_Maxmuelleria_merged_04feb11.shp	No – Not ENG features
Hampshire and Isle of Wight Wildlife Trust, Southeast Feature Lagoon Spire Snail	Lagoon_spire_snail_WGS84.shp	No – Not ENG features
2009 Environment Agency, Sabellaria reef on mud	SabSpinMudPoints.shp	No – No ENG records intersecting with the MCZs
1904 – 2007 Various surveys, Southeast Feature Mantis Shrimp	MantisShrimpcollated2006-DK_UTM31N.shp	No – Not ENG features
Kent Wildlife Trust, Important Plant Area	Imp_Plant_Areas.shp	No – Not ENG features
2005. Solent Intertidal Survey. Report to Natural England, Lyndhurst (Data provided by Kent Wildlife Trust) Estuarine rocky habitats	Estuarine_rocky_habitats_KWT_01Feb.shp	No – No ENG records intersecting with the MCZs
2003 – 2009 Kent SeaSearch Survey (Kent Wildlife Trust) Subtidal Blue mussel beds	Mussel_beds_subtidal_1st_Feb.shp	Yes
2004 – 2009 Kent SeaSearch Survey (Kent Wildlife Trust) Intertidal Blue mussel beds	Mussel_beds_intertidal_1st_Feb.shp	No – No ENG records intersecting with the MCZs
Unicomarine via Harwich Haven Authority, Blue mussel beds (including intertidal blue mussel beds), Estuarine Rocky habitats.	Biotopes2003_region_UTM31N.shp	No – No ENG records intersecting with the MCZs
Kent Wildlife Trust, Intertidal underboulder communities	Intertidal_underboulder_KWT_22Jan_UTM.shp	Yes
Kent Wildlife Trust, Peat and clay exposures	Peat_clay_expos_1st_Feb.shp	No – No ENG records intersecting with the MCZs
Kent Wildlife Trust, Sabellaria spinulosa reefs	Sabellaria_reef_intertidal_1st_Feb.shp	Yes
Kent Wildlife Trust, Sheltered muddy gravels	Shelt_muddy_gravels_1st_Feb.shp	Yes
Kent Wildlife Trust, Subtidal chalk	Sub_chalk_1st_Feb.shp	No – No ENG records intersecting with the MCZs
Kent Wildlife Trust, Subtidal sands and gravels	Sub_sand_grav_1st_Feb.shp	Yes
Kent Wildlife Trust, Subtidal chalk	Subtidal Chalk Dover_point.shp	Yes
Kent Wildlife Trust, Blue mussel beds	Mussel beds – Subtidal KWT	No – Received shapefile was broken
Kent Wildlife Trust, Blue mussel beds	Mussel beds – Intertidal on sediment KWT	No – Received shapefile was broken
Kent Wildlife Trust, Blue mussel beds	Mussel beds – Intertidal all KWT	No – Received shapefile was broken
1995 Hampshire and Isle of Wight Wildlife Trust, Seagrass beds	Seagrass_point_present_1995_onwards_point.shp	Yes
er JH Herbert (2010), PadinaArea. Distribution of the marine alga <i>Padina pavonica</i> on the Isle of Wight. Medina Valley Centre, Newport, Isle of Wight. Unpublished Material.	PadinaArea.shp	Yes
er JH Herbert (2010), PadinaArea. Distribution of the marine alga <i>Padina pavonica</i> on the Isle of Wight. Medina Valley	PadinaPointData.shp	Yes

Centre, Newport, Isle of Wight. Unpublished Material.		
1999 – 2008 Environment Agency, Grab samples Richest 10% of samples	grab_samples_top25_10.shp	No – Diversity indices no ENG features
1983 – 2010 Environment Agency, Grab samples Number of species	EA_NumberSpecies.shp	No – Not enough detail to determine feature
Environment Agency, BIOTOPE_DISTINCTINCTNESS_top25_10.shp	BIOTOPE_DISTINCTINCTNESS_top25_10.shp	No – Diversity indices no ENG features
Environment Agency, BIOTOPE_RICHNESS_top25_10	BIOTOPE_RICHNESS_top25_10	No – Diversity indices no ENG features
Environment Agency, Chao2_top25_10	Chao2_top25_10	No – Diversity indices no ENG features
Environment Agency, SpeciesRichness_top25_10	SpeciesRichness_top25_10	No – Diversity indices no ENG features
Environment Agency, TaxonomicDistinctness_top25_10	TaxonomicDistinctness_top25_10	No – Diversity indices no ENG features
Environment Agency, Sabellaria spinulosa reefs	NewSabellariaSept10_2.shp	No – Not enough detail to determine habitat
1983 – 2007 Environment Agency, Sabellaria spinulosa reefs	NewSabellariaSept10_1.shp	No – Not enough detail to determine habitat
1983 – 2007 Environment Agency, Sabellaria (??) reefs	EA_Sabell_NGR.shp	No – Not enough detail to determine habitat
Environment Agency, Survey sites	XYsitesNGR_Merge	No – No ENG records intersecting with the MCZs
1900 – 2007 Environment Agency, Alkmaria romijni	ALKNGR_Merge	Yes
1983 – 2007 Environment Agency, Sabellaria (??) reefs	SabellNGR_Merge	No – Not enough detail to determine habitat
2001 Environment Agency, Sabellaria alveolata reef	Sabellaria_Alveolata.shp	No – No ENG records intersecting with the MCZs
2001 Environment Agency, Sabellaria alveolata reef (buffered)	Sabellaria_Alveolata_Buffer.shp	No – Not ENG features
1901 – 2008 Environment Agency, Core samples diversity	XYCorediversityWGS84_Merge_P.shp	No – Not ENG features
1983 – 2009 Environment Agency, Biotope data	All_Biotope_Final.shp	Yes
SNCI_Marine.shp Marine_Sites_of_Nature_Conservation_Importance	SNCI_Marine.shp	No – Not enough detail to determine habitat
Sussex Inshore Fisheries and Conservation Authority (IFCA) – Broadscale Habitat Survey data	EUNIS_Level_3_All_Surveys_UTMZ31N.shp	Yes
2009 Marine Recorder via Kent Wildlife Trust, Jewel anemones and hard corals Caryophyllia smithii, C. inornata, Hoplelangia durotrix	SE_Feature_-_Jewels_or_Cup_Corals_MrecTo09.shp	No – Not ENG features
2009 Marine Recorder via Kent Wildlife Trust, Cerianthus lloydii	SE_Feature_Cerianthus_SACF_MrecTo09.shp	No – Not ENG features
2009 Marine Recorder via Kent Wildlife Trust, Peacock Worm beds (Sabella pavonina)	SE_Feature_Sabella_C-A-S_MrecTo09.shp	No – Not enough detail to determine habitat
2009 Marine Recorder via Kent Wildlife Trust, Molgula beds	SE-Feature_Molgula_beds_MrecTo09.shp	No – Not ENG features
Marine Recorder, Blue mussel beds (including intertidal blue mussel beds)	Mytilus_edulis_beds_MRAug2010_UTM.shp	No – No ENG records intersecting with the MCZs
2009 Marine Recorder via Kent Wildlife Trust, Diadumene cincta	SE_Feature_Diadumene_MrecTo09.shp	No – Not ENG features

2009 Marine Recorder via Kent Wildlife Trust, Ampelisca mats	SE-Feature_Ampelisca_mats_MrecTo09.shp	No – Not ENG features
August 2010 Marine Recorder update , Native oyster (<i>Ostrea edulis</i>)	Ostrea_edulis_MRAug2010_UTM.shp	Yes
Marine Recorder via Kent Wildlife Trust, Chalk gullies	SE-Feature_Gullies_in_Chalk_MrecTo09.shp	No – Not ENG features
2009 Marine Recorder via Kent Wildlife Trust, Black Bream (<i>pondyliosoma cantharus</i>)	SE-Feature_Black_Bream_MrecTo09.shp	No – Not ENG features
2009 Marine Recorder via Kent Wildlife Trust, <i>Fucus ceranoides</i> on firm substratum at landward end of estuaries.	SE-Feature_Fucus_ceranoides_MrecTo09.shp	No – Not ENG features
Marine Recorder via Kent Wildlife Trust, Hard rock reefs, including sandstone and cementstone.	SE-Feature_Hard_Rock_MrecTo09.shp	No – Not ENG features
Marine Recorder via Kent Wildlife Trust , <i>Pentapora foliacea</i>	SE-Feature_Pentapora_MrecTo09.shp	No – Not ENG features
Blue mussel beds (including intertidal blue mussel beds)	BMB_polygon.shp	No – No ENG records intersecting with the MCZs
Maerl beds	NE_Maerl_April2011	Yes

Table C1.3 – Data sets used by Finding Sanctuary

Data Sets used by Finding Sanctuary Regional Project		Data sets used by MB0116
Data Set	Data layer description	Was data used *
Environmental Records Centre for Cornwall and the Isles of Scilly / Cornwall Wildlife Trust	Isles of Scilly 2010 SeaSearch and ShoreSearch survey data points (B108_loS_AngieGal)	Yes
Devon Biodiversity Records Centre	Benthic survey info from Ambios Ltd Start bay survey	No – Spatial data not supplied
Devon Biodiversity Records Centre	Survey points in Devon Avon and Erme area	Yes - DERC_Haskoning_data_2007
Devon Biodiversity Records Centre	SWBSS Field surveys around Lundy (1978-79)	No – Spatial data not supplied
Devon Biodiversity Records Centre	Benthic information for Grunta beach (Woolacombe)	No – Not enough detail to determine habitat
Devon Biodiversity Records Centre	BHG Benthic information	Yes - DERC_Haskoning_data_2007
Devon Biodiversity Records Centre	Waterhead Creek intertidal area	No – Spatial data not supplied
Dorset Environmental Records Centre	Combined DERC ecological data from 20 sources	Yes - DERC_Haskoning_data_2007
Devon Biodiversity Records Centre	Diver survey of Asia Knoll for ABPmer	Yes - DERC_Haskoning_data_2007
Dorset Environmental Records Centre	PWMMR RoxAnn biotopes	No – Not enough detail to determine habitat
Devon Biodiversity Records Centre	Teign Biotope mapping	No – Spatial data not supplied
Dorset Environmental Records Centre	Weymouth seabed survey (seabed character and	No – Not enough detail to determine habitat

	sediment processes)	
Environment Agency	Intertidal habitat data from the Environment Agency	No – Not enough detail to determine habitat
Either Seascope consultants or DBRC (FS got the data from DBRC)	Mussels on Sediment (OSPAR)	No – Spatial data not supplied
Devon Biodiversity Records Centre	Teignbridge Sabellaria survey	No – Spatial data not supplied
Torbay Coast and Countryside Trust	TCCT Sea Caves study	No – No ENG features
Cornwall County Council (via RSPB)	Cornwall County Council bird survey data	No – No ENG features
RSPB	Cornwall IBA survey data 1999-2000	No – No ENG features
Marine Conservation Society	Atrina Fragilis records supplied by MCS	No – No ENG records intersecting with the MCZs
Cornwall Wildlife Trust	FOCI species data from Cornwall Wildlife Trust	Yes
Environment Agency	EA survey data	No – Spatial data not supplied
SeaSearch (Chris Wood)	SeaSearch 2009 records for SW	No – Spatial data not supplied
Dorset WT / Dorset Environmental Records Centre	Dorset wildlife Trust combined point data (FOCI)	No – No ENG records intersecting with the MCZs
Dorset WT / Dorset Environmental Records Centre	DORIS intertidal data	No – No ENG records intersecting with the MCZs
Environment Agency	Species and habitats in Poole Harbour from the Environment Agency EA_Poole_Harbour_Gammarus	No – No ENG records intersecting with the MCZs

* Finding Sanctuary data sets were merged for the regional project. The data sets above were matched as best to original Finding Sanctuary data sets which were used by MB106.

Table C1.4 – Data sets used by Irish Sea

Data Sets used by Irish Sea Regional Project		Data sets used by MB0116
Data Set	Data layer description	Was data used
ipdf- Kaiser 2006	Liverpool Bay Bivalves (XYKaiserBivalves)	No – No ENG features within data
ipdf-Butler P	Arctica Islandica (Ocean Quahogs)	Yes
ipdf-AFBI	Seapen	No – No ENG features within data
Journal of the Marine Biological Association	Mud-Atkinson Points	No – Not enough detail to determine habitat
Journal of the Marine Biological Association	Mud-Atkinson Trawls	No – Transect data no way to determine point locations.
DONG Energy	Mud-Dong Points	No – Not enough detail to determine habitat
Journal of the Marine Biological Association	Seapens_and_burrowing_megafauna_in_circalittoral_fine_mud	Yes

NWIFCA	Cumbrian Shore Surveys\LowWaterPoints	No – No ENG features within data
NWIFCA	Cumbrian Shore Surveys-shore data 1993-2008	No - Excel data set broken
NWIFCA	Cumbrian Shore Survey-TopshorePoints	No – No ENG features within data
NWIFCA	Cumbrian Shore Surveys-TransectCoordinates.xls	No – No ENG features within data
NWIFCA	Cumbrian Shore Surveys-TransectPoints	No – No ENG features within data
NWIFCA	Cumbrian Shore Surveys-Transects	No – No ENG features within data
Environment Agency	EA Eel Data 12012011	Yes
Environment Agency	EA_Smelt_12012011	Yes
SEA6	Horse Mussel Beds (Modiolus modiolus)-Horse Mussel(Modiolus Modiolus) Beds.shp	Yes

Table C1.5 – Data sets used by Net Gain

Data Sets used by Net Gain Regional Project		Data sets used by MB0116
Data Set	Data layer description	Was data used
JNCC	Peat_clay_exposures_poly_Clip	No – No ENG records intersecting with the MCZs
The North Sea Wildlife Trusts	NorthSeaBiodiverseAreas (original) and NorthSeaBiodiverseAreas_Clip	No – Not enough detail to determine feature
JNCC	Sabellaria_aveolata_reef_MNCR	No – No ENG records intersecting with the MCZs
Cefas	Sabellaria_only_species_Cefas	No – Not enough detail to determine habitat
Marine Recorder (JNCC)	Sabellaria_S-A-C_or_noted_in_desc_MRecTo09	No – Not enough detail to determine habitat
Natural England (Seasearch)	SS_HOCI_BSH_AEvans_UTM31N	Yes
Natural England	BudleBayPhase1_region	No – No ENG records intersecting with the MCZs
Natural England	Biotope1_region	No – No ENG records intersecting with the MCZs
Natural England	FenhamPhase1_region	No – No ENG records intersecting with the MCZs
The National Trust, Norfolk Wildlife Trust, Net Gain	Saline_reedbed_and_saltmarsh_UTM31N and Saline_reedbed_saltmarsh_RA	No – Not enough detail to determine habitat
NFFO	NG11_BestLocalKnowledge_utm_clip	No – Shapefile received was broken
ABPmer, MESH, JNCC, MALSF	Combined_BSH_v7_unpro_Mud	No – Duplicate data already in MESH combined
ABPmer, MESH, JNCC, MALSF	Combined_BSH_v7_Mud	No – Duplicate data already in MESH combined
Sandy Ritchie	Farne_Deep_soft_ground_tow_limit	No – Transect data cannot determine point location
IFCA	pcMuss_rectified and pcMuss_wgs84	No – Raster bathymetry files
IFCA	NorthNorfmuss_MI_point	No – Not enough detail to determine feature
William (Billy) Lawrence	NG14_HOCI_survey	Yes
English Heritage	Coastal_Peat_EH	Yes
Seasearch	RSpray_Merge2	No – No ENG records intersecting with the MCZs

The North Sea Wildlife Trusts (Seasearch)	SS_HOCI_KSmith_clean	Yes
Net Gain (Dan Davis & John Dinwiddy)	Holme_next_the_sea_points_UTM31N and Holme_next_the_sea_poly_clip_UTM31N	Yes
English Heritage	PeatClayExposures	No – No ENG records intersecting with the MCZs
Lincolnshire Wildlife Trust	Peat_WT_UTM31N_pol	Yes
Natural England (Seasearch)	PHA1	Yes
Natural England (MNCR)	Sabellaria_spinulosa_species_and_habitats_MNCR	No – No ENG records intersecting with the MCZs
Norfolk Wildlife Trust and Net Gain	Saline reedbed RA	No – No ENG records intersecting with the MCZs
Seasearch	SheringhamChalk_search_area	No – No ENG records intersecting with the MCZs
JNCC	Subtidal_chalk_point_Clip	No – No ENG records intersecting with the MCZs
Natural England	Zostera_records	Yes
NESFC	Arctica_islandica_NESFC_UTM31N	Yes
Pinnegar J. K. et al. (2008)	Pinnegar08	No – No ENG records intersecting with the MCZs
The Environment Agency	Aln_new_saltmarsh_poly_UTM31N	No – Not enough detail to determine habitat
Environment Agency	Estuaries_visual	No – Did not receive Shapefile
Environment Agency	Monitoring_sites_visual	No – Did not receive Shapefile
The Wildlife Trusts	Net Gain Wildlife Trust Coastal reserves_point	No – Did not receive Shapefile
Norfolk Wildlife Trust	Lagoons_shapes_UTM31N	No – Did not receive Shapefile
NESFC	FH_NTZ	No – No ENG features within data