

Appendix I
Bibliographic Database

Draft for public consultation
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I1 INTRODUCTION

Appendix I comprises two electronic databases, the geodatabase and the bibliographic Database. This short appendix provides an overview of the aims and objectives of each of these and the method behind their development.

I2 BIBLIOGRAPHIC DATABASE

The bibliographic database is a key requirement of Royal Haskoning's Quality Management System (QMS). It was developed in order to record, store and track all incoming documents received as part of the Essex and South Suffolk SMP2 project. It also provides a record of the type of check undertaken on the data at the time of receipt.

The format of the bibliographic database is a simple Microsoft excel spreadsheet which can be used to sort/find the data. Each new piece of incoming data was assigned a unique identification number (in the format ID+number) which allowed easy identification and retrieval of specific information throughout the project. The database shows the title and author of the data, the date of production and any key notes about the data and potential limitations/problems.

The bibliographic database shows the receipt of the key SMP data as set out in appendix B of the SMP guidance (Defra 2006). This includes the national "standard data package", existing datasets from the original SMP (SMP1), all scheme and strategy plan information from within the SMP area. Also any new information produced since development of SMP1, such as shoreline monitoring and coastal research data and data from relevant national studies (such as Futurecoast).

I3 GEODATABASE

I3.1 Aims

The aim of the Geodatabase is to record all the data used within the SMP using a GIS-based data management tool. This includes all the data gathered and results of the theme review and coastal processes assessment tasks undertaken as part of stage 2 (as reported in detail in appendix C).

The overall aim of the geodatabase is to assist coastal managers in their management and decision-making, not only at national level but also in policy decisions at a local level. Managing and presenting the data for the new generation SMPs in digital format has been beneficial to coastal management as well as data management. It has moved the possibilities of

using data on since the first generation of SMPs which were presented in hard copy text and mapping format.

The tool allows the end user to view all of the collated information in a geographical context. It also allows the user to import/update and export database information.

13.2 Geodatabase development

This Essex and South Suffolk SMP2 tool is based on the data storage and management tool that Royal Haskoning developed for the North East Coastal Authorities Group (NECAG) SMP2 which covered the coastal frontage between River Tyne and Flamborough Head.

The tool is a combined Geographical Information System/database system that provides a means of collating data and information used in the SMP and managing updates and dissemination. The tool consists of two parts:

- GIS workspace
- Microsoft access database.

All the relevant information is stored in map layers which are overlain in a GIS environment. Each map layer contains mapped features such as sea defence locations and tide gauges. Each feature is then linked by a unique reference number to a record in the database so that the user can click on the mapped feature to reveal the detailed information recorded in the database.

Amendments were made to ensure that it was suitable for the particular requirements of this SMP2. This was done by adding and deleting layers as required and changing the data structure to enable the tool to provide the information required for the SMP2. A number of further developments were also undertaken to the tool to improve its structure and integrate metadata records.

The Geodatabase has collated all the available data covering the following aspects of the processes and features on the coast:

- Coastal processes – waves, extreme water levels, tide levels, sediment transport, erosion/accretion rates, general coastal process overview, and geomorphology.
- Human/built environment – such as walkways/cycleways and recreational interests.
- Nature conservation – such as environmental designations.
- Heritage/cultural - such as scheduled monuments, protected wrecks and listed buildings.

As well as to the geographical visualisation of the information via the GIS environment, the tool stores all the data in a Microsoft access database. This ensures that all the data is available for attribute viewing, searching and editing via the database for those users who do not have access to the relevant GIS software.

An additional feature is that the specific ID numbers relevant to the source for the data stored within the tool relate to the number of the entry within the bibliographic database.

ID	Type of Information	Description	Date Produced	Information Source	Date Received	Media Type	Comments	Storage Location
1	Report	Hamford Water - Flood Risk Management Strategy	23-Jul-07	Environment Agency Anglian Region	23-Aug-07	Electronic document		I:\9T4884\Technical_Data\T1 Incoming data\EA - Estuary Strategies
2	Data Base	National Defence Database		Environment Agency Anglian Region	06-Aug-08	Electronic document		I:\9T4884\Technical_Data\T1 Incoming data
3	Maps	OS basemapping	01-Apr-08	Environment Agency Anglian Region	01-Aug-08	Electronic document	Received as two CDs	I:\9T4884\Technical_Data\T3_GIS\Base_Data\Maps
4	Aerial Photography	Essex supporting data	22-Jun-07	Environment Agency Anglian Region	01-Aug-08	Electronic document		I:\9T4884\Technical_Data\T3_GIS\Base_Data
5	Spatial data	Hamford Water data	11-Mar-08	Halcrow	01-Aug-08	Electronic document		I:\9T4884\Technical_Data\T3_GIS\Base_Data
6	Report	Hamford Water technical note		Environment Agency Anglian Region		Electronic document	Empty Disc	
7	Report	Hamford Water reports for final review	01-Aug-07	Halcrow	01-Aug-08	Electronic document		I:\9T4884\Technical_Data\T1 Incoming data\EA - Estuary Strategies\Hamford Water
8	Report	Roach and Crouch Flood Management	06-Jun-08	Halcrow	06-Aug-08	Electronic document		I:\9T4884\Technical_Data\T1 Incoming data\EA - Estuary

ID	Type of Information	Description	Date Produced	Information Source	Date Received	Media Type	Comments	Storage Location
		Strategy - Rev 2006						Strategies\Roach & Crouch
9	Report	Roach and Crouch Flood Management Strategy - NRG submission 2004		Environment Agency Anglian Region		Electronic document	Corrupted disc	
10	Report and data	Stour and Orwell Estuaries Flood Risk Management Study - Preliminary Strategic Review	01-Aug-07	Environment Agency Anglian Region	01-Aug-08	Electronic document	CD 1 of 2 CDs	I:\9T4884\Technical_Data\T1 Incoming data\EA - Estuary Strategies\Stour and Orwell\Stour and Orwell FRM Study - Preliminary Strategic Review
11	Report and data	Stour and Orwell Estuaries Flood Risk Management Study - Preliminary Strategic Review	01-Aug-07	Environment Agency Anglian Region	01-Aug-08	Electronic document	CD 2 of 2 CDs	I:\9T4884\Technical_Data\T3_GIS\Base_Data\DATA_from_Stour_and_Orwell_FRM_study
12	Report	Stour and Orwell - Preliminary Strategic Review	01-Feb-08	Environment Agency Anglian Region	01-Aug-08	Electronic document		I:\9T4884\Technical_Data\T1 Incoming data\EA - Estuary Strategies\Stour and Orwell

ID	Type of Information	Description	Date Produced	Information Source	Date Received	Media Type	Comments	Storage Location
13	Report	Colne and Blackwater - Estuary Flood Risk Management Strategy	15-Aug-08	Julie Holland Environment Agency Anglian Region	21-Aug-08	Electronic document	6 CDs (Appendices A-F), draft, incomplete, confidential reports	I:\9T4884\Technical_Data\T1 Incoming data\EA - Estuary Strategies
14	Report	Essex SMP 1 - version 1	01-Apr-97	Ian Bliss Environment Agency Anglian Region	01-Aug-08	Electronic document		I:\9T4884\Technical_Data\T1 Incoming data\ESMP 1
15	Spatial Data	SAR elevation data	09-Jul-08	Environment Agency Anglian Region	01-Aug-08	Electronic document		I:\9T4884\Technical_Data\T3_GIS\Base_Data\Terrain
16	Spatial Data	LIDAR Essex SMP	15-Aug-08	Environment Agency Anglian Region	26-Aug-08	Electronic document		I:\9T4884\Technical_Data\T3_GIS\Base_Data\Terrain
17	Report	Coastal Trends Analysis	01-Jul-08	Environment Agency Anglian Region	04-Sep-08	Hard-copy	Hard copy only	Essex (Data Received) Box
18	Report	Southern North Sea Sediment Transport Study, Phase 1	01-May-96	The Wash SMP2 - Project Number 9S5996	05-Sep-08	Electronic document		I:\9T4884\Technical_Data\T1 Incoming data\Southern North Sea Sediment Transport
19	Report and Appendices	Southern North Sea Sediment Transport Study,	01-Aug-02	Suffolk SMP (9S4195)	05-Sep-08	Electronic document		I:\9T4884\Technical_Data\T1 Incoming data\Southern North Sea

ID	Type of Information	Description	Date Produced	Information Source	Date Received	Media Type	Comments	Storage Location
		Phase 2						Sediment Transport
20	Report	Coastal Habitat Management Plan - Essex Coast and Estuaries	01-Sep-02	Greg Guthrie	05-Sep-08	Electronic document	CD and digital copy	I:\9T4884\Technical_Data\T1 Incoming data\Essex CHaMPS
21	Report	Coastal Trends Analysis	01-Jul-08	EA	08-Sep-08	Electronic document	Digital copy	I:\9T4884\Technical_Data\T1 Incoming data\Coastal Trends Analysis
22	Data	Defence Database 2	05-Sep-08	Philip Spearman (EA)	05-Sep-08	Electronic document	Digital copy - received by e-mail	I:\9T4884\Technical_Data\T3_GIS\Base_Data\NFCDD\Defences
23	Report	South Essex CFMP	01-Aug-08	Ian Bliss (EA)	12-Sep-08	Electronic document	Digital copy received by e-mail	I:\9T4884\Technical_Data\T1 Incoming data\Catchment Flood Management Plans
24	Report	North Essex CFMP - Appendices A (Flood management responsibilities)	10-Aug-08	Ian Bliss (EA)	12-Sep-08	electronic document	Digital copy received by e-mail	I:\9T4884\Technical_Data\T1 Incoming data\Catchment Flood Management Plans

ID	Type of Information	Description	Date Produced	Information Source	Date Received	Media Type	Comments	Storage Location
25	Report	Maldon District Council Strategic Flood Risk Assessment	01-May-08	Ian Bliss (EA)	01-Aug-08	Hard-copy and electronic document		I:\9T4884\Technical_Data\T1 Incoming data\Strategic Flood Risk Assessments
26	Report	Mid Essex Strategic Flood Risk Assessment	01-Oct-07	Ian Bliss (EA)	01-Aug-08	Hard-copy and electronic document		I:\9T4884\Technical_Data\T1 Incoming data\Strategic Flood Risk Assessments
27	Report	Scoping Study for wind and wave Monitoring	01-Jun-04	RH Archive - Tamzen Strudwick	16-Sep-08	electronic document	Archive copy	I:\9T4884\Technical_Data\T1 Incoming data\Scoping Study - Wind and Wave Monitoring
28	Tidal data	Anglian Region Eastern Area ABD - 200 yr tidal levels	01-Feb-08	RH Birmingham - Laura Sanderson	17-Jul-08	electronic document		I:\9T4884\Technical_Data\T1 Incoming data\Anglian Region Eastern Area ABD
29	Wave data	Anglian Region Eastern Area ABD - Anglian wave data	01-Feb-08	RH Birmingham - Laura Sanderson	17-Jul-08	Electronic document		I:\9T4884\Technical_Data\T1 Incoming data\Anglian Region Eastern Area ABD
30	Defence data	Anglian Region Eastern Area ABD - Estuary defence heights	01-Feb-08	RH Birmingham - Laura Sanderson	17-Jul-08	Electronic document		I:\9T4884\Technical_Data\T1 Incoming data\Anglian Region Eastern Area ABD
31	Spatial data	Anglian Region Eastern Area	01-Feb-08	RH Birmingham - Laura	17-Jul-08	Electronic document		I:\9T4884\Technical_Data\T1 Incoming data\Anglian

ID	Type of Information	Description	Date Produced	Information Source	Date Received	Media Type	Comments	Storage Location
		ABD - Spatial data (Lidar coverage)		Sanderson				Region Eastern Area ABD
32	Wave data	Anglian Region Eastern Area ABD - Wave recorder locations	01-Feb-08	RH Birmingham - Laura Sanderson	17-Jul-08	Electronic document		I:\9T4884\Technical_Data\T1 Incoming data\Anglian Region Eastern Area ABD
33	Defence data	Anglian Region Eastern Area ABD - Sea defence heights	01-Feb-08	RH Birmingham - Laura Sanderson	17-Jul-08	Electronic document		I:\9T4884\Technical_Data\T1 Incoming data\Anglian Region Eastern Area ABD
34	Flood data	Anglian Region Eastern Area ABD - year 200	01-Feb-08	RH Birmingham - Laura Sanderson	17-Jul-08	Electronic document		I:\9T4884\Technical_Data\T1 Incoming data\Anglian Region Eastern Area ABD
35	Report	Extreme tidal levels	01-Feb-08	RH Peterborough - Benjamin Rostaing	03-Sep-08	Electronic document	Digital copy received by e-mail	I:\9T4884\Technical_Data\T1 Incoming data\Extreme Tidal Levels, RH 2007
36	Report	The Stour and Orwell Estuary - Environmental review 2007	01-Jan-07	Suffolk District Council	19-Sep-08	Hard copy	Received during 19/09/08 CSG meeting	Essex SMP Data Box
37	Letter and Presentation	South Woodham Ferrers defences		Ian Howes - Chelmsford	22-Sep-08	Electronic document	Received by e-mail by	I:\9T4884\Technical_Data\T1 Incoming data\South

ID	Type of Information	Description	Date Produced	Information Source	Date Received	Media Type	Comments	Storage Location
				Borough Council			Ian Howes	Woodham Defence Information
38	Report	Southend Flood defences	01-Apr-03	Richard Atkins - Southend-on-Sea Borough Council	22-Sep-08	Electronic document	Received by e-mail	I:\9T4884\Technical_Data\T1 Incoming data\Southend Flood Defences
39	Report	Thames Gateway Strategic Flood Risk Assessment	01-Nov-06	Internet - RH Peterborough - Helio Liumba	02-Nov-08	Electronic document		I:\9T4884\Technical_Data\T1 Incoming data\Strategic Flood Risk Assessments
40	Data	Orwell defences	02-Oct-08	EA-Asset System Management - Norfolk & Suffolk- James Edginton	02-Oct-08	Electronic document	received by e-mail, 3 excel documents	I:\9T4884\Technical_Data\T3_GIS\Base_Data\NFCDD\Defences
41	Report	North Essex Catchment Flood Management Plan	01-Aug-08	EA - Marie Coleman	03-Oct-08	Electronic document	Received by post	I:\9T4884\Technical_Data\T1 Incoming data\Catchment Flood Management Plans
42	Database	Tendring District Council Coast Protection Asset Register	29-Sep-08	Bob Howell - Tendring District Council	03-Oct-08	Electronic document	Received by post	I:\9T4884\Technical_Data\T1 Incoming data\Tendring Coastal and Flood Defences

ID	Type of Information	Description	Date Produced	Information Source	Date Received	Media Type	Comments	Storage Location
43	Database	Essex Defences - Extract from NFCDD	03-Oct-08	Phil Spearman - EA Asset Manager	03-Oct-08	Electronic document	Received by e-mail	I:\9T4884\Technical_Data\T1 Incoming data\NFCDD\Essex_Defences_03_10_2008
44	Data	Thames Estuary 2100 Products	10-Oct-08	Simon Tanner - EA	10-Oct-08	Electronic document	Received by e-mail	I:\9T4884\Technical_Data\T1 Incoming data\Thames 2100\Thames 2100 Products
45	Database	National Property Database		Andrew Brewster - EA	15-Oct-08	Electronic document	CD	I:\9T4884\Technical_Data\T3_GIS\Base_Data\National_Property_Dataset_2008
46	Report	Leigh & Southend - Visualisation of impacts of different TE2100 policies for the policy unit	14-Oct-08	EA - Rachel Hill, Simon Tanner	15-Oct-08	Electronic document	CD	I:\9T4884\Technical_Data\T1 Incoming data\Thames 2100\TE2100 Reports for Essex SMP 14.10.08
47	Report	TE2100 - Phase 2 High level options	26-Nov-07	EA - Rachel Hill, Simon Tanner	15-Oct-08	Electronic document	CD	I:\9T4884\Technical_Data\T1 Incoming data\Thames 2100\TE2100 Reports for Essex SMP 14.10.08
48	Report	TE2100 - Early conceptual options	01-Apr-06	EA - Rachel Hill, Simon Tanner	15-Oct-08	Electronic document	CD	I:\9T4884\Technical_Data\T1 Incoming data\Thames 2100\TE2100 Reports for Essex SMP 14.10.08

ID	Type of Information	Description	Date Produced	Information Source	Date Received	Media Type	Comments	Storage Location
49	Data	Leigh & Southend - properties per Policy Management Unit	24-Jan-08	EA - Rachel Hill, Simon Tanner	15-Oct-08	Electronic document	CD	I:\9T4884\Technical_Data\T1 Incoming data\Thames 2100\TE2100 Reports for Essex SMP 14.10.08
50	Data	Leigh & Southend	15-Jan-08	EA - Rachel Hill, Simon Tanner	15-Oct-08	Electronic document	CD	I:\9T4884\Technical_Data\T1 Incoming data\Thames 2100\TE2100 Reports for Essex SMP 14.10.08
51	Data	Leigh & Southend - main Policy Unit appraisal table	14-Jan-08	EA - Rachel Hill, Simon Tanner	15-Oct-08	Electronic document	CD	I:\9T4884\Technical_Data\T1 Incoming data\Thames 2100\TE2100 Reports for Essex SMP 14.10.08
52	Info	Erosion Unit - Benfleet & Two Tree Island	02-Jul-08	EA - Rachel Hill	15-Oct-08	Electronic document	Hard copy	I:\9T4884\Technical_Data\T1 Incoming data\Thames 2100\Erosion Unit - Benfleet and Two Tree Island
53	Info	Coast and estuaries (Strategy)		Suffolk Coastal DC - Bill Parker	15-Oct-08	Electronic document	Hard copy	I:\9T4884\Technical_Data\T1 Incoming data\Suffolk Coastal District Council\Coast and Estuaries
54	Defence data	New Orwell defences - Lower Ipswich	15-Oct-08	EA - Asset System Management Team (Suffolk) -	16-Oct-08	Electronic document	Received by e-mail	I:\9T4884\Technical_Data\T3_GIS\Base_Data\NFCDD\Defences\Orwell

ID	Type of Information	Description	Date Produced	Information Source	Date Received	Media Type	Comments	Storage Location
				James Edginton				Estuary\Lower Ipswich
55	Defence data	NFCDD_Lower Ipswich_condition_grade	15-Oct-08	EA - Asset System Management Team (Suffolk) - James Edginton	16-Oct-08	Electronic document	Received by e-mail	I:\9T4884\Technical_Data\T1 Incoming data\NFCDD
56	Defence data	NFCDD_Harwich_condition_grade	15-Oct-08	EA - Asset System Management Team (Suffolk) - James Edginton	16-Oct-08	Electronic document	Received by e-mail	I:\9T4884\Technical_Data\T1 Incoming data\NFCDD
57	Defence data	NFCDD_Orwell_condition_grade	15-Oct-08	EA - Asset System Management Team (Suffolk) - James Edginton	16-Oct-08	Electronic document	Received by e-mail	I:\9T4884\Technical_Data\T1 Incoming data\NFCDD
58	Report	East Suffolk CFMP	19-Aug-08	EA - Ian Bliss	21-Oct-08	Electronic document	Received by post. Hard copy	I:\9T4884\Technical_Data\T1 Incoming data\Catchment Flood Management Plans
59	Report	Suffolk CHaMPS	28-Feb-03	Greg Guthrie - RH Peterborough	03-Nov-08	Electronic document	CD and digital copy	I:\9T4884\Technical_Data\T1 Incoming data\Suffolk CHaMPS

ID	Type of Information	Description	Date Produced	Information Source	Date Received	Media Type	Comments	Storage Location
60	Report	Managed Realignment - lessons from Wallasea, UK	21-Jul-08	Jaap Flikweert - RH Peterborough	03-Nov-08	Electronic document	Hard copy at Essex SMP box	I:\9T4884\Technical_Data\T1 Incoming data\Technical Papers\Wallasea
61	Report	Cattawade Structures refurbishment works	29-Aug-08	EA - Project Manager - Ian Bliss	01-Jun-08	Electronic document	Received via e-mail	I:\9T4884\Technical_Data\T1 Incoming data\Project Appraisal Reports\Cattawade
62	Report	Blackwater Management Plan	01-Jun-96		11-Nov-08	Electronic document		I:\9T4884\Technical_Data\T1 Incoming data\Blackwater management plan
63	Report	Crouch and Roach Strategic estuary management study			11-Nov-08	Electronic document		I:\9T4884\Technical_Data\T1 Incoming data\Crouch and Roach Estuary Management Plan
64	Minutes	AODA physical processes workshop	11-Nov-08	Victoria Posey - RH - Peterborough	24-Nov-08	Electronic document	Received by e-mail	I:\9T4884\Technical_Data\T1 Incoming data\AODA Physical processes Workshop ID 64
65	Other	Wallasea Island Wild Coast Project	01-Nov-08	Karen Thomas - EA	05-Dec-08	Hard copy	received at CSG	Project Files and/or Essex SMP data box
66	Paper article	Crossrail Spoil for Essex Wetland	27-Nov-08	Helio Liumba - RH -	05-Dec-08	Electronic document	ICE Article	I:\9T4884\Technical_Data\T1 Incoming

ID	Type of Information	Description	Date Produced	Information Source	Date Received	Media Type	Comments	Storage Location
		project		Peterborough				data\Technical papers\Wallasea
67	GIS data	Land Cover Map	16-Dec-08	Andrew Brewster - EA Data Quality and GIS Officer	16-Dec-08	Electronic document		I:\9T4884\Technical_Data\T3_GIS\Base_Data
68	Map	Habitats behaviour units		Ian Bliss EA Project Manager and Megan Linwood Senior Technical Specialist EA TE2100	15-Jan-09	Electronic document		I:\9T4884\Technical_Data\T1 Incoming data\Foulness Appropriate Assessment ID 68
69	Report	Greater Thames CHaMP	13-Nov-08	Megan Linwood Senior Technical Specialist EA TE2100	16-Jan-09	Electronic document		Megan Linwood Senior Technical Specialist EA TE2100
70		Deveraux Farm Habitat Creation Scheme Environmental Report		EA - Ian Bliss	02-Feb-09	Electronic document		I:\9T4884\Technical_Data\T1 Incoming data\Deveraux Farm
71		Deveraux Farm Arboricultural Implications		EA - Ian Bliss	02-Feb-09	Electronic document		I:\9T4884\Technical_Data\T1 Incoming data\Deveraux Farm

ID	Type of Information	Description	Date Produced	Information Source	Date Received	Media Type	Comments	Storage Location
		Study						
72		Deveraux Farm Flood Risk Assessment		EA - Ian Bliss	02-Feb-09	Electronic document		I:\9T4884\Technical_Data\T1 Incoming data\Deveraux Farm
73	Licence	Thames 2100 Special Licence	27-Jan-09	Jonathan Simm - EA - Thames 2100	02-Feb-09	Electronic document		I:\9T4884\Technical_Data\T1 Incoming data\Thames 2100
74	Report	Review of Thames tidal defence standards	14-Sep-04	Jonathan Simm - EA - Thames 2100	02-Feb-09	Electronic document		I:\9T4884\Technical_Data\T1 Incoming data\Thames 2100
75	Report	A4 data asset review	24-Jun-04	Jonathan Simm - EA - Thames 2100	02-Feb-09	Electronic document		I:\9T4884\Technical_Data\T1 Incoming data\Thames 2100
76	Report	Thames Estuary 2100 - Geomorphological review and conceptual model	01-Oct-04	Jonathan Simm - EA - Thames 2100	02-Feb-09	Electronic document		I:\9T4884\Technical_Data\T1 Incoming data\Thames 2100
77	Report	The Impacts of climate change on the Thames estuary	18-Jun-04	Jonathan Simm - EA - Thames 2100	02-Feb-09	Electronic document		I:\9T4884\Technical_Data\T1 Incoming data\Thames 2100
78	Report	TE2100 Tidal Defence	24-Nov-06	Jonathan Simm - EA - Thames	02-Feb-09	Electronic document		I:\9T4884\Technical_Data\T1 Incoming data\Thames

ID	Type of Information	Description	Date Produced	Information Source	Date Received	Media Type	Comments	Storage Location
		Materials Study		2100				2100
79	Note	Applicability of RASP HLM+ to TE2100	03-Jul-06	Jonathan Simm - EA - Thames 2100	02-Feb-09	Electronic document		I:\9T4884\Technical_Data\T1 Incoming data\Thames 2100
80	Report	Local options studies - stage 1	14-Sep-06	Jonathan Simm - EA - Thames 2100	02-Feb-09	Electronic document		I:\9T4884\Technical_Data\T1 Incoming data\Thames 2100
81	Note	LOS stage 1 - Reach T3 North – Revised final report volume 2	15-Sep-06	Jonathan Simm - EA - Thames 2100	02-Feb-09	Electronic document		I:\9T4884\Technical_Data\T1 Incoming data\Thames 2100
82	Report	Thames Estuary 2100 Phase 3(i) Fixed Defence Suite of Studies - Topic 4.2 – Feasibility of upgrading fixed defences	21-Jul-08	Jonathan Simm - EA - Thames 2100	02-Feb-09	Electronic document		I:\9T4884\Technical_Data\T1 Incoming data\Thames 2100
83	Report	The Essex landscape: In search of its history	01-Jan-96	Nigel Brown - Essex County Council Historic Environment	26-Mar-09	Electronic document	Received by e-mail	I:\9T4884\Technical_Data\T1 Incoming data\The Essex Landscape

ID	Type of Information	Description	Date Produced	Information Source	Date Received	Media Type	Comments	Storage Location
84	GIS data	Essex historic environment characterisation 2008		Nigel Brown - Essex County Council historic environment	30-Mar-09	Electronic document	Received as CD	I:\9T4884\Technical_Data\T3_GIS\Base_Data\Landscape Character\Historic_Environment_Characterisation
85	Report	Essex historic environment characterisation 2008		Nigel Brown - Essex County Council historic environment	30-Mar-09	Electronic document	Received as CD	I:\9T4884\Technical_Data\T1 Incoming data\Historic Environment Characterisation
86	GIS data	Habitats information downloaded from Natural England website (BAP)	01-Oct-08	Andrew Brewster	17-Feb-09	Electronic document	From the internet	I:\9T4884\Technical_Data\T3_GIS\Base_Data\Designations\Natural_England
87	Mapping	Anglian Water affected assets	24-Mar-09	David Quincey	27-Mar-09	Electronic document	Received by e-mail	I:\9T4884\Technical_Data\T1 Incoming data\Anglian Water Infrastructure
88	Data	Value for Essex Shoreline Management Plan - April 2009 (Tourism & Amenity)	01-Apr-09	Beverley McClean	20-Apr-09	Electronic document	Received by e-mail	I:\9T4884\Technical_Data\T1 Incoming data\Colchester Borough Council\ID_88_Colchester_Borough_Council_Tourism_Value
89	Report	Socio economic study for Eastern Region coastal	01-Aug-08	Beverley McClean	20-Apr-09	Electronic document	Received by e-mail	I:\9T4884\Technical_Data\T1 Incoming data\Socio Economic study ID 89

ID	Type of Information	Description	Date Produced	Information Source	Date Received	Media Type	Comments	Storage Location
		area - Coastal Initiative Socio-Economic Research						
90	Data	East Anglia slipways	01-Mar-09	Chris Edwards	27-Apr-09	Electronic document	Received by e-mail	I:\9T4884\Technical_Data\T1 Incoming data\Royal Yatching Association
91	Journal article	Rapid Coastal Zone Survey and Beyond: Research and Management of the Essex Coast, UK	01-Jan-08	Nigel Brown - Essex County Council Historic Environment	22-Apr-09	Electronic document	Received by e-mail	I:\9T4884\Technical_Data\T1 Incoming data\Historic Environment
92	Report	Economic Impact of Tourism - Essex County 2007	01-Jan-07	Nicky Spurr - Essex County Council	29-Apr-09	Electronic document	Received by e-mail	I:\9T4884\Technical_Data\T1 Incoming data\Tourism\Economic Impact of Tourism - Essex County 2007_ID_92
93	Report	Dengie to Burnham-on-Crouch Pre-Feasibility Study (Draft for Client Review)	01-Apr-09	Ian Bliss - EA Project Manager	20-May-09	Electronic document	In person	I:\9T4884\Technical_Data\T1 Incoming data\Dengie to Burnham-on-Crouch

ID	Type of Information	Description	Date Produced	Information Source	Date Received	Media Type	Comments	Storage Location
94	Report	Translating Shoreline Management Plans into Spatial Plans: Volume 1	01-Mar-09	Julie Davies - Royal Haskoning / EA	04-Jun-09	Electronic document		I:\9T4884\Technical_Data\T1 Incoming data\SMPs and Spatial Plans
95	Report	Translating Shoreline Management Plans into Spatial Plans: Volume 2	01-Mar-09	Julie Davies - Royal Haskoning / EA	04-Jun-09	Electronic document		I:\9T4884\Technical_Data\T1 Incoming data\SMPs and Spatial Plans
96	Report	Essex SMP 2 - Draft theme group report June	24-Mar-09	Ian Bliss - EA Project Manager	15-Jun-09	Electronic document	Received by e-mail	I:\9T4884\Technical_Data\T1 Incoming data\Theme group feedback\First Round
97	Report	Colne and Blackwater Economic Appraisal	01-Jun-09	Ian Bliss - EA Project Manager		Electronic document	Received by e-mail	I:\9T4884\Technical_Data\T1 Incoming data\EA - Estuary Strategies\Colne and Blackwater\Colne and Blackwater RPA economic appraisal
98	Figures	GIS Habitats search tool outputs - Essex estuaries - Regional Habitat Creation		Ian Bliss - EA Project Manager	30-Jun-09	Electronic document	Received by post	I:\9T4884\Technical_Data\T1 Incoming data\GIS habitats search tool Outputs - Essex estuaries

ID	Type of Information	Description	Date Produced	Information Source	Date Received	Media Type	Comments	Storage Location
		Programme						
99	Dataset	Suffolk archaeology shapefiles		Stefan Lombardo - RH Suffolk SMP Manager	31-Jul-09	Electronic document	RH folder transfer 9S4195	I:\9T4884\Technical_Data\T1 Incoming data\Historic environment\Suffolk
100	Report	The Maldon coast: An overview of planning and management issues affecting the historic environment of the rural coast of Maldon District	01-May-09	Nigel Brown - Essex CC	31-Jul-09	Electronic document	Received by e-mail	I:\9T4884\Technical_Data\T1 Incoming data\Historic environment\Maldon
101	Data	Historic environment Key data set summary - Essex SMP	27-Jul-09	Rachel Ballantyne - English Heritage	31-Jul-09	Electronic document	Received by e-mail	I:\9T4884\Technical_Data\T1 Incoming data\Historic Environment
102	Data	Suffolk archaeology		Jude Plouviez - Archaeology Officer - Suffolk County Council	06-Aug-09	Electronic document	Received by e-mail	I:\9T4884\Technical_Data\T1 Incoming data\Historic Environment\Suffolk\From Jude Plouviez

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103	Data	Essex archaeology	07-Aug-09	Alison Bennett - Team Leader Essex Historic Environment Record	11-Aug-09	Electronic document	Received by e-mail	I:\9T4884\Technical_Data\ T1 Incoming data\Historic Environment\Essex - Archaeology