

**Appendix I**  
**Bibliographic Database**

Final version 2.4  
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## **I1 INTRODUCTION**

Appendix I essentially comprises two electronic deliverables, the Geodatabase and the Bibliographic Database. This short Appendix provides an overview of the aims and objectives of each of the two deliverables and the method behind their development.

## **I2 BIBLIOGRAPHIC DATABASE**

The Bibliographic Database is a key requirement of Royal Haskoning's Quality Management System (QMS) and 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 regarding the data itself 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, and 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 of 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

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

The tool enables 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. A similar tool has been developed for the SMPs for The Wash and North Norfolk.

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 of 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 of the available data covering the following aspects of the processes and features on the coast:

- Coastal processes – waves, extreme water levels, tidal 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 Ancient Monuments, protected wrecks and listed buildings.

In addition to the geographical visualisation of the information via the GIS environment, the Tool stores all of the data in a Microsoft Access database. This ensures that all of 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 Data Base		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 2 CD's	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

ID	Type of Information	Description	Date Produced	Information Source	Date Received	Media Type	Comments	Storage Location
								data\EA - Estuary Strategies\Hamford Water
8	Report	Roach and Crouch Flood Management Strategy - Rev 2006	06-Jun-08	Halcrow	06-Aug-08	Electronic Document		I:\9T4884\Technical_Data\T1 Incoming data\EA - Estuary 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

ID	Type of Information	Description	Date Produced	Information Source	Date Received	Media Type	Comments	Storage Location
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
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 Trend Analysis	01-Jul-08	Environment Agency	04-Sep-08	Hard-copy	Hard Copy Only	Essex (Data Received) Box



ID	Type of Information	Description	Date Produced	Information Source	Date Received	Media Type	Comments	Storage Location
				Anglian Region				
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, Phase 2	01-Aug-02	Suffolk SMP (9S4195)	05-Sep-08	Electronic Document		I:\9T4884\Technical_Data\T1 Incoming data\Southern North Sea 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 Trend 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 Data Base 2	05-Sep-08	Philip Spearman (EA)	05-Sep-08	Electronic Document	Digital Copy _ received via e-mail	I:\9T4884\Technical_Data\T3_GIS\Base_Data\NF CDD\Defences

ID	Type of Information	Description	Date Produced	Information Source	Date Received	Media Type	Comments	Storage Location
23	Report	South Essex CFMP	01-Aug-08	Ian Bliss (EA)	12-Sep-08	Electronic Document	Digital copy received via 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 via e-mail	I:\9T4884\Technical_Data\T1 Incoming data\Catchment Flood Management Plans
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	17-Jul-08	Electronic Document		I:\9T4884\Technical_Data\T1 Incoming data\Anglian Region

ID	Type of Information	Description	Date Produced	Information Source	Date Received	Media Type	Comments	Storage Location
				Sanderson				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 ABD - Spatial Data (Lidar Coverage)	01-Feb-08	RH Birmingham - Laura Sanderson	17-Jul-08	Electronic Document		I:\9T4884\Technical_Data\T1 Incoming data\Anglian 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

ID	Type of Information	Description	Date Produced	Information Source	Date Received	Media Type	Comments	Storage Location
35	Report	Extreme Tidal Levels	01-Feb-08	RH Peterborough - Benjamin Rostaing	03-Sep-08	Electronic Document	Digital copy received via 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 Borough Council	22-Sep-08	Electronic Document	Received via e-mail by Ian Howes	I:\9T4884\Technical_Data\T1 Incoming data\South Woodham Defence Information
38	Report	Southend Flood Defences	01-Apr-03	Richard Atkins - Southend-on-Sea Borough Council	22-Sep-08	Electronic Document	Received via 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	02-Oct-08	Electronic Document	received via e-mail, 3 excel documents	I:\9T4884\Technical_Data\T3_GIS\Base_Data\NF

ID	Type of Information	Description	Date Produced	Information Source	Date Received	Media Type	Comments	Storage Location
				- Norfolk & Suffolk- James Edginton				CDD\Defences
41	Report	North Essex Catchment Flood Management Plan	01-Aug-08	EA - Marie Coleman	03-Oct-08	Electronic Document	Received via 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 via post	I:\9T4884\Technical_Data\T1 Incoming data\Tendring Coastal and Flood Defences
43	Database	Essex Defences - Extract from thru NFCDD	03-Oct-08	Phil Spearman - EA Asset Manager	03-Oct-08	Electronic Document	Received via 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 via e-mail	I:\9T4884\Technical_Data\T1 Incoming data\Thames 2100\Thames 2100 Products
45	Database	National Property database		Andrew Brewster -	15-Oct-08	Electronic Document	CD	I:\9T4884\Technical_Data\T3_

ID	Type of Information	Description	Date Produced	Information Source	Date Received	Media Type	Comments	Storage Location
				EA				GIS\Base_Data\National_Property_Data set 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
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

ID	Type of Information	Description	Date Produced	Information Source	Date Received	Media Type	Comments	Storage Location
								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

ID	Type of Information	Description	Date Produced	Information Source	Date Received	Media Type	Comments	Storage Location
								Estuaries
54	Defence data	New Orwell defences - Lower Ipswich	15-Oct-08	EA - Asset System Management Team (Suffolk) - James Edginton	16-Oct-08	Electronic Document	Received via e-mail	I:\9T4884\Technical_Data\T3_GIS\Base_Data\NFCDD\Defences\Orwell 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 via 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 via e-mail	I:\9T4884\Technical_Data\T1 Incoming data\NFCDD



ID	Type of Information	Description	Date Produced	Information Source	Date Received	Media Type	Comments	Storage Location
57	Defence data	NFCDD_Orwell_condition_grade	15-Oct-08	EA - Asset System Management Team (Suffolk) - James Edginton	16-Oct-08	Electronic Document	Received via 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 via 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
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

ID	Type of Information	Description	Date Produced	Information Source	Date Received	Media Type	Comments	Storage Location
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 via 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 project	27-Nov-08	Helio Liumba - RH - Peterborough	05-Dec-08	Electronic Document	ICE Article	I:\9T4884\Technical_Data\T1 Incoming 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

ID	Type of Information	Description	Date Produced	Information Source	Date Received	Media Type	Comments	Storage Location
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 Study		EA - Ian Bliss	02-Feb-09	Electronic Document		I:\9T4884\Technical_Data\T1 Incoming data\Deveraux Farm
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 -	02-Feb-09	Electronic Document		I:\9T4884\Technical_Data\T1 Incoming

ID	Type of Information	Description	Date Produced	Information Source	Date Received	Media Type	Comments	Storage Location
				Thames 2100				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 Materials Study	24-Nov-06	Jonathan Simm - EA - Thames 2100	02-Feb-09	Electronic Document		I:\9T4884\Technical_Data\T1 Incoming data\Thames 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

ID	Type of Information	Description	Date Produced	Information Source	Date Received	Media Type	Comments	Storage Location
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 via e-mail	I:\9T4884\Technical_Data\T1 Incoming data\The Essex Landscape
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_Char

ID	Type of Information	Description	Date Produced	Information Source	Date Received	Media Type	Comments	Storage Location
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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 via 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 via e-mail	I:\9T4884\Technical_Data\T1 Incoming data\Colchester Borough Council\ID_88_Colchester_Borough_Council_Tourism_Value

ID	Type of Information	Description	Date Produced	Information Source	Date Received	Media Type	Comments	Storage Location
89	Report	Socio Economic study for Eastern Region coastal area - Coastal Initiative Socio-Economic Research	01-Aug-08	Beverley McClean	20-Apr-09	Electronic Document	Received via e-mail	I:\9T4884\Technical_Data\T1 Incoming data\Socio Economic study ID 89
90	Data	East Anglia Slipways	01-Mar-09	Chris Edwards	27-Apr-09	Electronic Document	Received via e-mail	I:\9T4884\Technical_Data\T1 Incoming data\Royal Yatch 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 via 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 via 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 via 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 via 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 via post	I:\9T4884\Technical_Data\T1 Incoming data\GIS Habitats Search Tool



ID	Type of Information	Description	Date Produced	Information Source	Date Received	Media Type	Comments	Storage Location
		Programme						Outputs - Essex Estuaries
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 via 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 Ballentyne - English Heritage	31-Jul-09	Electronic Document	Received via 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 via e-mail	I:\9T4884\Technical_Data\T1 Incoming data\Historic Environment\Suffolk\From Jude Plouviez

ID	Type of Information	Description	Date Produced	Information Source	Date Received	Media Type	Comments	Storage Location
103	Data	Essex Archaeology	07-Aug-09	Alison Bennett - Team Leader Essex Historic Environment Record	11-Aug-09	Electronic Document	Received via e-mail	I:\9T4884\Technical_Data\T1 Incoming data\Historic Environment\Essex - Archaeology
104	Report	Essex Rural Commission	01-Sept-09	Petter Garret - Maldon District Council	09-Dec-2010	Electronic Document	Received via e-mail	I:\9T4884\Technical_Data\T1 Incoming data\Essex Rural Commission
105	Data	Essex and South Suffolk SMP comments	11-May-2010	Fare Leighton - EA	11-May-2010	Electronic Document	Received as a CD	I:\9T4884\Technical_Data\T1 Incoming data\Consultation Comments_CD_10_05_11
106	Data	Essex HEC historic grazing marshes	01-Jul-2009	Helen Chappell – English Heritage	14-Sept-2010	Electronic Document	Received via e-mail	I:\9T4884\Technical_Data\T1_Incoming_Documents\T1.3_Reports\Historic Grazing Marsh information
107	Data	Essex historic grazing marshes HEC areas key	01-Jul-2009	Helen Chappell – English	14-Sept-2010	Electronic Document	Received via e-mail	I:\9T4884\Technical_Data\T1_Incoming_Documents\T1.3_

ID	Type of Information	Description	Date Produced	Information Source	Date Received	Media Type	Comments	Storage Location
				Heritage				Reports\Historic Grazing Marsh information
108	Data	Essex HEC historic grazing marsh significance	01-Jul-2009	Helen Chappell – English Heritage	14-Sept-2010	Electronic Document	Received via e-mail	I:\9T4884\Technical_Data\T1_Incoming_Documents\T1.3_Reports\Historic Grazing Marsh information