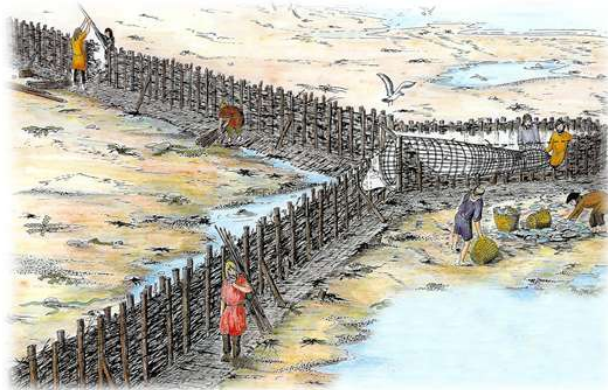


BLACKWATER ESTUARY FISH TRAPS

MONITORING SURVEY

PROJECT GIS

DATA CATALOGUE



Essex County Council

FIELD ARCHAEOLOGY UNIT

2011

Project Title: Blackwater Estuary Fish Traps
EH Proj. Ref: 4638ANL
ECC Proj. Ref: 867
Prepared by: Essex County Council Field Archaeology Unit

Fairfield Court
Fairfield Road
Braintree
CM7 3YQ
Tel: 01376 331431

Project Manager Mark Atkinson

Project Officer Ellen Heppell

Derivation: -

Origination Date: August 2011

Date of document: August 2011

Previous document date: -

Version: 1

Status: Ongoing

Summary: Data catalogue

Summary of changes: -

Circulation: English Heritage, Archaeology Data Service

Required action: -

Filename and location: 867/Fishtraps/Metadata and Catalogues/867DataCatalogue GIS

DATA CATALOGUE

The following lists GIS data created as part of this project in ESRI Shapefile format (created in Esri ArcMap 8). Previous archaeological surveys have been published and have been utilised in the GIS.

Hall, R and Clarke, CP 2000 'A Saxon intertidal fish-weir at Collins Creek in the Blackwater Estuary' *Essex Archaeology and History* 31, 125-147

Strachan, D. 1998 'Intertidal stationary fishing structures' *Essex Archaeology and History* 29, 274-284

The following information is included for each shapefile:

Filename

Description: A summary description of the contents of the dataset

Area Covered: The geographic extents of the dataset

Scale: The scale of data collection/ accuracy

Source Data: Primary source data from which the shapefile has been compiled

BLACKWATER ESTUARY

The following shapefiles cover the Blackwater estuary and provide general project background and outline mapping.

BLK SAM Fishtraps

Description: Scheduled areas of the Blackwater Estuary Fishtraps

Area Covered: Blackwater Estuary

Scale: 1:10,000

Source Data: English Heritage (downloaded Aug 2011)

C14 Samples

Description: Location of C14 samples collected from the fishtraps.

Location derived from data included in Strachan 1998 and Hall and Clarke 2000. Attribute data includes Lab reference and sigma 1 and sigma 2 dates.

Area Covered: Blackwater Estuary

Scale: Approximate – to 10m

Source Data: Strachan 1998 and Hall and Clarke 2000

Low water foreshore

Description: Mean low water derived from OS Master Map

Area Covered: Blackwater Estuary

Scale: 1:1000

Source Data: OS (subject to OS licence – ? to include in ADS archived dataset)

Nmp fishtraps

Description: Vector data digitised from 10K raster National Mapping

Programme Plots – fishtraps in the Blackwater Estuary

Area Covered: Blackwater Estuary only

Scale: 1:1000

Source Data: NMP Cropmark plots, Collins Creek Survey data (1992 and 3), EHER Database

COLLINS CREEK

The following shapefiles relate to the Collins Creek Fishtrap complex

Collins AP Orig 1990s

Description: Aerial photographic data – collated and digitised as part of the 1990s surveys (for background see Hall and Clarke 2000 and Strachan 1998). Data in this shapefile is derived from the original AutoCAD dxf.

Area Covered: Collins Creek complex only

Scale: 1:2500

Source Data: Auto Cad DXF file compiled following the 1992 and 3 surveys (CollinsCreek.Dxf)

Collins Orig Surv 1990s

Description: Field survey data collected as part of the 1990s surveys (for background see Hall and Clarke 2000 and Strachan 1998). Data in this shapefile is derived from the original AutoCAD dxf.

Area Covered: Collins Creek complex only

Scale: Sub-meter accurate DGPS data

Source Data: Auto Cad DXF file compiled following the 1992 and 3 surveys (CollinsCreek.Dxf)

Collins Surv 03

Description: Field survey data collected in 2003

Area Covered: Collins Creek complex only

Scale: Sub-meter accurate DGPS data

Source Data: Field Survey data – converted from Fastmap JOB to Shp

Collins Surv 06

Description: Field survey data collected in 2006.

Area Covered: Collins Creek complex only

Scale: Sub-meter accurate DGPS data

Source Data: Field Survey data – converted from Fastmap JOB to Shp

Collins Surv 07

Description: Field survey data collected in 2007.

Area Covered: Collins Creek complex only

Scale: Sub-meter accurate DGPS data

Source Data: Field Survey data – converted from Fastmap JOB to Shp

Collins 2003 New Align

Description: Data analysis –lengths of timbers surveyed in 2003 which were not identified on previous field survey plots

Area Covered: Collins Creek

Scale: Sub-meter accurate DGPS data

Source Data: Field Survey data – converted from Fastmap JOB to Shp

Collins 2006 New Align

Description: Data analysis –lengths of timbers surveyed in 2006 which were not identified on previous field survey plots

Area Covered: Collins Creek

Scale: Sub-meter accurate DGPS data

Source Data: Field Survey data – converted from Fastmap JOB to Shp

Collins 2007 New Align

Description: Data analysis –lengths of timbers surveyed in 2007 which were not identified on previous field survey plots

Area Covered: Collins Creek

Scale: Sub-meter accurate DGPS data

Source Data: Field Survey data – converted from Fastmap JOB to Shp

PEWET ISLAND

The following shapefiles relate to the Pewet Island fishtrap

Pewet bank 07

Description: Field survey data collected in 2007 – edge of bank/step between mudflats and low (vegetated) marsh and gravel banks. Marks the edge of the exposed timbers.

Area Covered: Pewet Island fishtrap

Scale: Sub-meter accurate DGPS data

Source Data: Field Survey data – converted from Fastmap JOB to Shp

Pewet individ posts 06

Description: Field survey data collected in 2006 – individual upright posts not linked to the main alignments.

Area Covered: Pewet Island fishtrap

Scale: Sub-meter accurate DGPS data

Source Data: Field Survey data – converted from Fastmap JOB to Shp

Pewet individ posts 07

Description: Field survey data collected in 2007 – individual upright posts not linked to the main alignments.

Area Covered: Pewet Island fishtrap

Scale: Sub-meter accurate DGPS data

Source Data: Field Survey data – converted from Fastmap JOB to Shp

Pewet lowater 06

Description: Low water as occurred on survey date 14/07/2006

Area Covered: Pewet Island fishtrap

Scale: Sub-meter accurate DGPS data

Source Data: Field Survey data – converted from Fastmap JOB to Shp

Pewet posts 06

Description: Field survey data collected in 2006 – alignments of upright timbers

Area Covered: Pewet Island fishtrap

Scale: Sub-meter accurate DGPS data

Source Data: Field Survey data – converted from Fastmap JOB to Shp

Pewet posts 07

Description: Field survey data collected in 2007 – alignments of upright timbers.

Area Covered: Pewet Island fishtrap

Scale: Sub-meter accurate DGPS data

Source Data: Field Survey data – converted from Fastmap JOB to Shp

Pewet wattle 06

Description: Field survey data collected in 2006 – length of wattle panelling laid flat

Area Covered: Pewet Island fishtrap

Scale: Sub-meter accurate DGPS data

Source Data: Field Survey data – converted from Fastmap JOB to Shp

Pewet wattle 07

Description: Field survey data collected in 2007 – length of wattle panelling laid flat

Area Covered: Pewet Island fishtrap

Scale: Sub-meter accurate DGPS data

Source Data: Field Survey data – converted from Fastmap JOB to Shp

Pewet posts new 07

Description: Analysis of survey data – alignments of timber uprights not noted on the 2006 survey. Southern extents more extensive as overlying alluvial marsh deposits have been eroded.

Area Covered: Pewet Island fishtrap

Scale: Sub-meter accurate DGPS data

Source Data: Field Survey data – converted from Fastmap JOB to Shp. Some rectification applied

Pewet wattle new 07

Description: Analysis of survey data – new lengths of horizontally laid wattle panel not noted on the 2006 survey. Southern extents more extensive as overlying alluvial marsh deposits have been eroded.

Area Covered: Pewet Island fishtrap

Scale: Sub-meter accurate DGPS data

Source Data: Field Survey data – converted from Fastmap JOB to Shp.
Some rectification applied

Pewet wattle lost 07

Description: Analysis of survey data – lost of horizontally laid wattle panel which were lost to erosion between 2006 and 2007 surveys.

Area Covered: Pewet Island fishtrap

Scale: Sub-meter accurate DGPS data

Source Data: Field Survey data – converted from Fastmap JOB to Shp.
Some rectification applied

Pewet wattle surv 07

Description: Analysis of survey data – lengths of horizontally laid wattle panel noted on both 2006 and 2007 surveys. Surv = surviving

Area Covered: Pewet Island fishtrap

Scale: Sub-meter accurate DGPS data

Source Data: Field Survey data – converted from Fastmap JOB to Shp.
Some rectification **applied**

MAP REGRESSION

The following shapefiles relate to map regression in the vicinity of the Pewet Island fishtrap. **OS derived data – ? deposit with ADS.**

1st Ed

Description: Data analysis – Pewet Island MHW as mapped on the 1st Ed 6" (1876)

Area Covered: Pewet Island

Scale: 1:10000

Source Data: Field Survey data – converted from Fastmap JOB to Shp

2nd Ed

Description: Data analysis – Pewet Island MHW as mapped on the 2nd Ed 6" (1898)

Area Covered: Pewet Island

Scale: 1:10000

Source Data: Field Survey data – converted from Fastmap JOB to Shp

3rd Ed

Description: Data analysis – Pewet Island MHW as mapped on the 3rd Ed 6" (19**)

Area Covered: Pewet Island

Scale: 1:10000

Source Data: Field Survey data – converted from Fastmap JOB to Shp

2000AP

Description: Data analysis – Pewet Island as shown on 2000AD vertical APS

Area Covered: Pewet Island

Scale: 1:10000

Source Data: Field Survey data – converted from Fastmap JOB to Shp

AUTO CAD FILES

Collins Creek

Description: Data analysis – Pewet Island as shown on 2000AD vertical APS

Area Covered: Pewet Island

Scale: 1:1000 / Sub meter accurate DGPS survey

Source Data: 1992 AP analysis and 1993 DGPS Survey

