

**NORTH YORKSHIRE AND CLEVELAND COASTAL FORUM**

**ANNUAL MEETING – 22 SEPTEMBER 2008**

**AT SCARBOROUGH SPA**

**Present:**

Cllr Godfrey Allanson (Chair)	Scarborough Borough Council
Robin Siddle	Forum Officer
Stewart Rowe	Forum Officer
John Beech	Forum Officer
Paul Lane	North Eastern Sea Fisheries Committee
Peter Barfoot	North York Moors National Park Authority
Richard Thompson	“ “ “ “ “ “
Judie Holliday	“ “ “ “ “ “
Peter Jones	“ “ “ “ “ “
Jeremy Pickles	East Riding of Yorkshire Council
Fiona Chesters	Tees Valley Rural Community Council
Rebecca Redford	Cems, Univeristy of Hull
Catherine Batch	“ “ “ “
Emma Hardy	“ “ “ “
Emma Toulson	University of Hull
Jack Hardisty	“ “ “
John Armsby	Scarborough Borough Council Parishes
Julie Drew	EDF Energy
Helen Robson	CPRE North Yorkshire
John Farquar	“ “ “
Cllr. Peter Booth	Scarborough Borough Council
Cllr. Lucy Haycock	“ “ “
Cllr. Herbert Tindall	“ “ “
Cllr. Brian Watson	“ “ “
John Riby	“ “ “
Neil Corrie	“ “ “
Catriona Mclees	Yorkshire Tourist Board
N. Rosser	University of Durham
E.Norman	“ “ “
R. Parker	“ “ “
Mike Bagshaw	East Barnby OEC
Peter Pettm	Hunmanby NY's
Kathy Clarke	Scarborough Against Climate Change
Jane Cavesham	“ “ “ “ “
Rob Lunan	Redcar & Cleveland Borough Council
Cllr. George Robert Dunning	“ “ “ “ “
Joan Lazenby	Salmon & Trout Assn
Mike Bill	MCA HM Coastguard
Wal Miller	Brotton RES
Val Miller	“ “
Catharine Cook	British Horse Society

Franklin Waring  
 Brian Dracal  
 Bryn Tapper  
 Chris Robinson  
 Robert Brigg  
 Kath Wickie  
 Aileen Newbury  
 Dave Newbury  
 John Buglass  
 Jim Wingham  
 G Hill  
 David P Savage  
 Alan Stanforth  
 Bill Dell  
 David Heatoix  
 E Sanderson  
 I Davies  
 P Watson  
 Lee Nicholson  
 Mike Hawkins  
 John D Leefe  
 G Waudby

Hawsker & Stainsacre Parish Council  
 “ “ “ “ “  
 Cornwall County Council  
 Filey Against Dredging  
 “ “ “  
 Filey 4 Wards DT  
 Filey Town Council  
 “ “ “  
 Humber Field Archaeology  
 CLCA  
 Burniston Parish Council  
 Hawsker P C  
 Former NYMNP

**Apologies:**

Various delegates gave their apologies for not attending the event.

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		<b>Action</b>
<b>1.0</b>	<b>Welcome and Introduction</b>	
1.1	Cllr Allanson welcomed delegates to the meeting and introduced himself as the new Chairman. He advised about his experience in coastal issues at a local, regional and national level. He paid tribute to the previous Chairman, Professor Alan Padmore, for all the hard work he had done over the past few years. He also advised the meeting of Alan’s health issues and all wished him very best wishes.	<b>Chair</b>
1.2	Previously a question had been raised about holding more than 1 forum meeting annually. It was proposed and agreed that commencing next year 2 meetings will be held.	<b>Forum Officers</b>
1.3	Cllr Allanson informed the forum that he would be attending an event about the Marine Bill in London on 8 October which was being addressed by, amongst others, Jonathan Shaw MP.	<b>Chair to report</b>

- 1.4 Cllr Allanson introduced John Beech (Forum Officer) who spoke about the booklet “North Yorkshire and Cleveland Heritage Coast Management Plan, 3<sup>rd</sup> Review” and asked members to note the enclosed Action Plan.
- 1.5 Cllr Allanson then spoke about a recent coastal partnership study sponsored by the Local Government Association Special Interest Group (LGA SIG) and Defra regarding the benefits of working with other bodies on the coast.
- 1.6 Finally, Cllr Allanson proposed that a Vice Chairman be elected and he nominated Chris Robinson. Cllr Tindall seconded the motion and it was agreed that Chris be elected as the Vice Chairman.

## **2.0 John Buglass – The Rapid Coastal Zone Assessment**

- 2.1 Cllr Allanson introduced the first guest speaker, John Buglass from Humber Field Archaeology.
- 2.2 Mr Buglass explained that he had been commissioned to undertake a survey of coastal erosion impacts on archaeological sites from Whitby to The Wash. The purpose of the survey was to:
- To assess the archaeological resource of a 1-2 km coastal strip of the Yorkshire and Lincolnshire coast between Whitby and the Norfolk border, a length of about 250 km
  - To assess the threat to that resource from natural and other processes in the short to medium term
  - To enhance local and national databases by adding new records
  - To assist curatorial response to developments within the coastal area
  - To assist in the responses of national agencies, such as English Heritage, the Environment Agency and Natural England
  - To provide an overview of coastal change in the study area from the Late Upper Palaeolithic period onwards
  - To provide a basis for developing management and research policies within the study area

- To undertake full aerial photographic analysis of the North Yorkshire and East Riding coastal zones to National Monument Programme standards
- 2.3 A total of 3692 relevant monument and event records were identified in the study area over a third of which were new. 1422 were classes as of little or no significance, but 71 are of national importance.
- 2.4 Of the records identified as of local, regional or national importance:
- 1947 were classified as at long-term risk of damage or destruction
  - 59 were classified as at risk in the medium term
  - 264 were identified as being actively damaged or at imminent risk, including 17 of national importance
- 2.5 The principal threats identified included:
- Coastal erosion caused by mechanical wave action
  - Chemical erosion caused by pollution or acidic rainfall
  - Flooding and increased damage caused by rising sea level
  - Rotational failure and slumping of cliffs, chiefly caused by alternating heavy rainfall and periods of drying
  - Development pressure from new homes, commercial and leisure developments, and farming
  - Construction of new hard or soft coastal defences and managed realignment
  - 'Rollback' – the relocation of coastal developments to new sites further inland
  - Creation of new coastal nature reserves
- 2.6 He then showed photographs of various historical sites between Whitby and Filey.
- 2.7 To close his presentation he outlined the following:
- Of the 497 records identified as of local importance:
    - 19 identified as being actively damaged or at imminent risk
    - 9 were classified as at risk in the medium term
    - 460 were classified as at long-term risk of damage or destruction

- Of the 109 records identified as of regional importance:  
37 identified as being actively damaged or at imminent risk  
5 were classified as at risk in the medium term  
67 were classified as at long-term risk of damage or destruction
- Of the 32 records identified as of national importance:  
10 identified as being actively damaged or at imminent risk  
2 were classified as at risk in the medium term  
20 were classified as at long-term risk of damage or destruction

### 3.0 Bryn Tapper – The Seascapes Characterisation Project

- 3.1 Cllr Allanson introduced the second speaker, Bryn Tapper from Cornwall County Council.
- 3.2 Mr Tapper outlined England's Historic Seascapes Programme and the pilot schemes that were being carried out, one of which was the area from Hartlepool to Scarborough which Cornwall HES were undertaking.
- 3.3 The aim was to produce a GIS-based methodology by:
- Identifying the range of relevant data sources
    - Core data and supplementary data
  - Identifying the spatial data model (GIS)
    - GIS approaches
    - Database structure and attributes
  - Mapping the results of character assessment
    - Time depth
    - Character 'dominance'
    - Confidence ratings
    - GIS workflow
  - Character Type hierarchy and definitions
    - Character Type 'texts'
    - Multimedia
- 3.4 The principal guidelines are:
- **Area** not point data

- Treats historic character as a dimension of our present landscape
  - **landscape as a cultural artefact**: the cumulative product of human activity to the present
  - full area coverage, no blank spaces: **all areas have historic landscape character**
- Focus on **management of change**
  - not necessarily preservation
- Focus on **time-depth in the present landscape**
  - not reconstruction of hypothetical past landscapes
- Emphasis on the **typical and commonplace** rather than rare & special
- **Character as perception and interpretation**
- Capable of informing and incorporating others' perceptions
- Transparency of process
  - clear **audit trail** through assessment decision-making
  - **confidence ratings** attached to assessments

3.5 Criteria for determining **attributes** drawn from the following themes (Aldred and Fairclough 2003):

- time-depth
- present land-use
- previous land-use
- morphology (eg. Shape of fields)
- enclosure process
- documentary sources

3.6 Criteria for determining HSC are similar:

- time-depth
- present sea-use
- previous sea-use
- maritime cultural processes
- seabed, intertidal, coastal morphology and nat. env. Processes
- documentary sources

3.7 Initial HSCs character types are:

- Industry
- Ports, docks and harbours
- Fisheries and mariculture
- Navigation
- Semi-natural environments
- Palaeo-landscapes
- Communications
- Military
- Settlement
- Recreation

3.8 HSC future developments are:

- Seascapes Demonstration Project Area:
  - NE region from Humber to Scottish border (will include the upgrade of the Scarborough-Hartlepool HSC)
- Demo project will be the first instalment of national roll-out:
  - EH will seek opportunities and partnerships for HSC roll-out nationally across England's share of UK Controlled Waters with all sectors subject to present or currently foreseeable impact from aggregates extraction to be completed by March 2011
- Liaison with other UK agencies over wider applications of HSC methodology
- Raise public awareness using HSC .html resources (ADS)

**4.0 Prof Jack Hardisty – Tidal Power**

4.1 Cllr Allanson introduced the third speaker, Prof Jack Hardisty from University of Hull who gave a presentation on Tidal Power – Past, Present and Future Prospects.

4.2 He explained that there are 7 types of renewable energies – solar, biofields, hydroelectric, wind, wave, tidal and geothermal.

4.3 He said people have been studying the science of tidal power for many centuries, from Aristototle (384-322 BC) through to Arthur Doodson (1880-1968).

4.4 One source of power from tidal elevations is by placement of barrages of which there are 8 key areas across the world, including north west Europe. Another source is from turbines (Pelton, Francis, Kaplan and Crossflows), again there are 8 key areas including north west Europe.

4.5 He then went on to explain the project that University of Hull were working on – the Neptune Hull Roads Project which will be using floating Balmorel buoyancy devices moored in estuarine locations with turbine drives.

4.6 It is hoped to launch this scheme in January 2009 on the River Humber with completion by March 2010. When this has been completed a second scheme will be implemented on the River Mersey with completion by September 2012.

## **5.0 Julie Drew – Wind Energy and the Teesside Offshore Project**

5.1 Cllr Allanson introduce the final speaker, Julie Drew from EDF Energy Renewables.

5.2 Julie began by explaining the structure of EDF and the work that the company are doing with renewable energy. There are 4 types of renewable energy, wind, solar, biomass and hydro and EDF had given a public commitment to supply 1000mw by 2012, 1400mw by 2014 and 1700mw by 2020.

5.3 Julie then went on to speak generally about wind farms. There are currently 8 wind farms in operation and 8 under construction in the UK.

5.4 She then talked about the Thornton Bank (Belgium) offshore wind farm which uses the largest turbines available (157 m x 94 m).

5.5 Julie then spoke about the proposed new EDL Teesside offshore wind farm which is one of the first to be granted a lease for development. The site will include up to 30 turbines with 100 mw capacity. It is now at the preconstruction stage which includes environmental monitoring, site investigations, front end engineering and design study and construction contracts which are being prepared.

## **6.0 Question Time**

6.1 Following conclusion of the presentations, Cllr Allanson opened the forum to questions

**Action**

6.2 The first question came from Chris Robinson who asked Julie:

Q What was the payback timescale for the Teesside project: was?

A 20 year life span

6.3 Cllr Dunning from Redcar and Cleveland Borough Council commented about the closeness of the wind farm to the shore (1 km) and asked if she would be prepared to give a presentation to his Council. Julie agreed to do this.

**Cllr  
Dunning/  
JD**

6.4 Cllr Allanson asked Prof Hardisty about Government support for his project to which he replied was “encouraging”.

6.5 Jonathan Dixon asked whether the renewable energy targets set for 2010 were achievable? It was more likely to be achieved by 2015.

**7.0 Soapbox Sessions**

7.1 This is a new initiative for the Forum and there were 2 speakers.

7.2 The first speaker was Mrs Catherine Cook from the British Horse Society. She spoke about how horses contribute to local economies and support agriculture and the local community and the benefits to the health of the community. She asked for improved facilities for horses with the provision of more bridleways and the right for horses to be able to have use of the beach at certain times of the year.

7.3 The second speaker was John Farquar from the local branch of the CPRE. He spoke about the need to encourage more volunteers to join CPRE and that the name of the Scarborough branch was to be changed to the ‘Coast’ branch to try and encourage this. He then introduced Helen Robson who was the new part-time events organiser for CPRE.

**8.0 Rotunda Museum**

8.1 Will Watts from the Scarborough Museums Trust gave an introductory talk about the redevelopment of the Rotunda Museum following which delegates were given a tour of the facility.

The forum closed at approximately 3.30 pm.