North Solent Shoreline Management Plan

Thursday 26 March 2009 14:00

Eastleigh Borough Council

Committee Room1, Civic Offices

Agenda

1. Aims of Workshop
2. What are Shoreline Management Plans?
3. North Solent SMP
4. Flood & Erosion Risk Mapping
5. Private Frontages – Clarification of Position
6. Discussion of Features and Issues
7. Summary & Further Consultations

1 Aims of Workshop

- Define aims and scope of the North Solent SMP
- Highlight importance of stakeholder involvement
- Raise awareness of tidal flood and erosion risk
- Explain position regarding private frontages
- Identify and discuss the issues and concerns of the stakeholders for directing future policy
- Explain how issues raised will be considered

2 What are Shoreline Management Plans?

- Strategic approach to managing the coast
- Non-statutory policy documents
- Sustainable coastal protection & flood defence policy for 3 epochs:-

  Short-term (0-20 years)

  Medium-term (20-50 years)

  Long-term (50-100 years)

- Implications of interactions between defences and coastal processes
- Identify areas at risk from coastal erosion and tidal flooding
- Technical, Environmental and Economic assessments
- Coastal Monitoring Programme
- Communication and Consultation

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Thornham Point, Chichester Harbour, 1998
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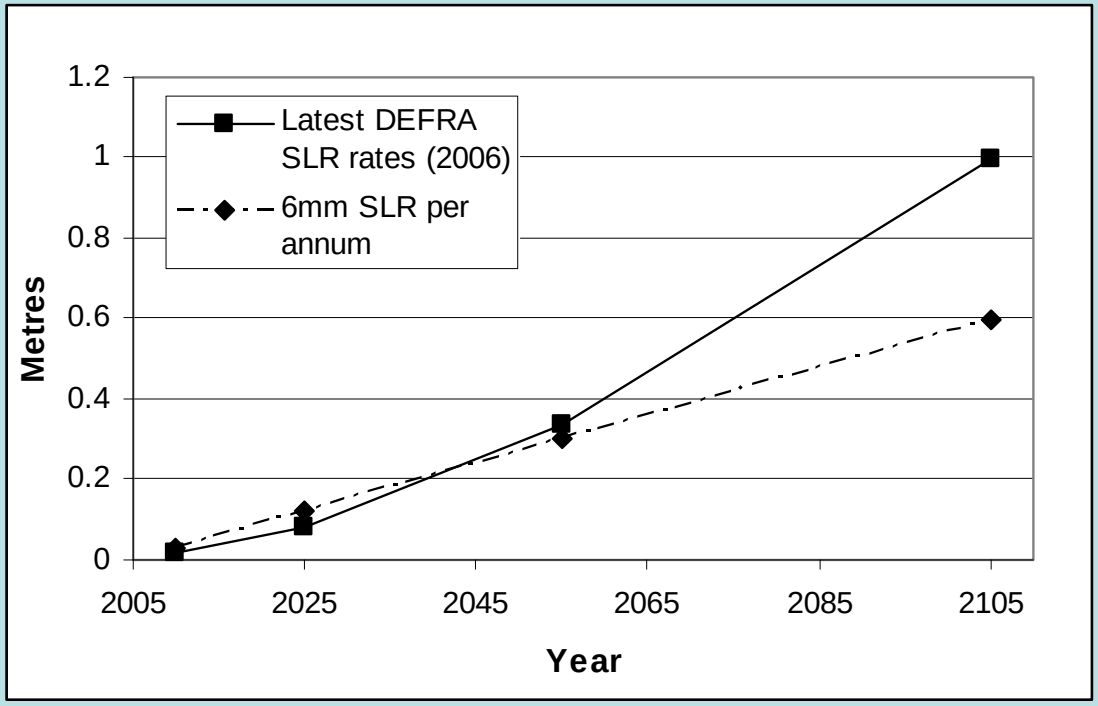
Shoreline Management Policies

- **Hold The Line**
- **No Active Intervention**
- **Advance The Line**
- **Managed Realignment**

Defra Sea Level Rise Allowances

Administrative Region	Vertical Land Movement (mm/yr)	Net Sea Level Rise (mm/yr)				Previous Allowances (mm/yr)
		1990-2025	2025-2055	2055-2085	2085-2115	
Eastern England, East Midlands, London, **South East England**	**-0.8**	**4.0**	**8.5**	**12.0**	**15.0**	**6**
South West and Wales	-0.5	3.5	8.0	11.5	14.5	5
North West and North East England, Scotland	+0.8	2.5	7.0	10.0	13.0	4



Latest govt predictions suggest :-

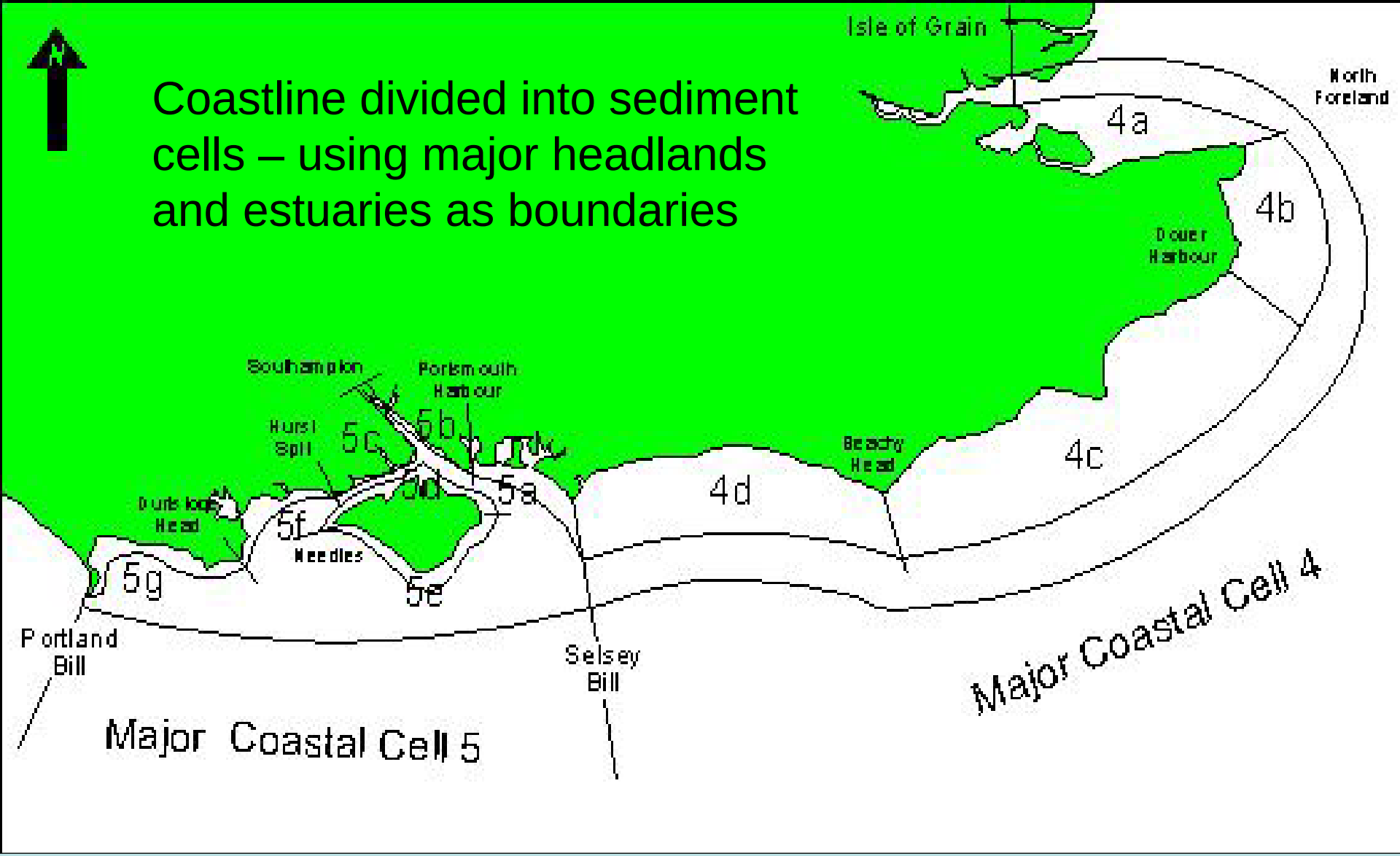
In 100 years sea levels will be 1m higher than current levels

Current Mean High Water will approx equate to Mean Low Water in 100 years

Climate Change Factors

- Sea level rise
- Increased storminess
- Changes in wave height and direction

- Increased risk of flooding
- Changes in tidal ranges
- Increased rainfall
- Changes in land use



SMPs are defined by natural coastal processes **not** political boundaries