

Clacton and Holland on Sea Coast Protection Scheme



What else have we done?

Following the removal of the existing concrete and timber groynes, beach material has been brought in from a Crown Estate licenced dredge site approximately 19kms offshore by the Sospan Dau, a special shallow draft dredging vessel.

Approximately 20,000m³ of material was required for this initial beach recharge to form the platforms at each of the 5 new groyne locations.



The beach material was "rainbowed" onto the beach from just off shore just before high water and started on 30th July. This activity took 1½ to 2hrs to complete and continued every high water until 9th August, just finishing in time before ex-hurricane Bertha arrived.

Whilst material has been spread along this frontage as a result of the rough seas, this will be moved back to the required locations when the excavators move onto the beach for groyne construction.

What are we telling you about?

Progress update on the £36million Clacton and Holland on Sea Coast Protection Scheme.

What have we done so far?

Tuesday 22nd July saw the commencement of works on the beach and good progress was made removing the first kilometre of the old concrete and timber groynes. The works started at the Port of London Authority Radar Mast at Holland Haven and moved west towards Cliff Road.

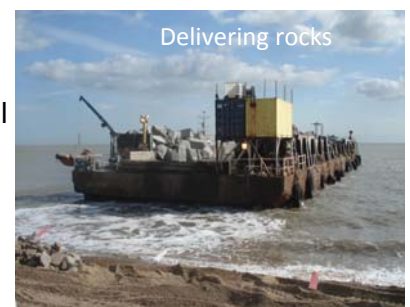
Some of this material has been used to construct a temporary access ramp to the beach at the eastern end of section J beach huts which will allow the construction vehicles to use the unmade access road down the cliff and onto the site.



What will we be doing next?

In September we will be removing the groynes from the Esplanade to Cliff Road and the Sospan Dau will be returning to "rainbow" more sand and shingle onto the beach. You will appreciate that it will, once again, be necessary to close parts of the promenade whilst this work takes place.

The rocks which have been tested for quality at the quarry in Norway, will arrive from 27th August and will be off-loaded near to where each groyne is to be constructed. They will then be moved into place by land-based machinery.



How are the groynes built?

The groyne construction will commence by building out a bund with beach and core material for the dry plant equipment.

The core material for the groynes will comprise crushed material from the existing structures and also smaller rocks from the quarry. The core material will be placed by excavators and will be covered by a geotextile to form the middle of the structure.

The toe of the structure will be excavated first.

The geotextile and toe rocks will then be placed. Larger rocks will be placed over the geotextile to form the fishtail rock groynes.

Each groyne will take roughly two weeks to build (subject to tide and weather conditions of course).



Once the structures have been completed the remainder of beach recharge material will be brought in from the same licenced dredge site to form the design beach profile.



There will be some noise associated with this major engineering project and every effort will be made to keep noise and disruption to a minimum.

When is work taking place in 2014?

25 Aug—Nov/Dec	Rock delivery, groyne construction & main beach recharge
1—20 September	Removal of existing groynes from junction of Esplanade/ Kings Parade to Cliff Road
Mid September	Sospan Dau returns—temporary beach recharge

These dates are for guidance only and are subject to the vagaries of weather and tides

To ensure safety at all times, this section of beach will remain closed until the work is completed

Where can I get more information?

The Visitor Centre, next to Clacton Sailing Club at Holland Haven is currently open at the following times:

Tuesday	10.00—16.00
Thursday	16.00—19.00
Friday	09.00—13.00

More times will be added as the scheme progresses.



Alternatively, to find the latest information, visit www.tendingdc.gov.uk and click on the Coast Protection Scheme heading on the front page.

Clacton and Holland on Sea Coast Protection Scheme



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If you would like this factsheet in larger print or another format please do let us know

