



Figure 1: Management Unit 11 (Dymchurch)

Blue: Recycling Extraction Point  
Red: Recycling Deposition Area

The section including Dymchurch is predominantly low lying and is reliant on sea defences as the method of protection. The coastline between Littlestone- on-sea and St Mary's Bay is fronted by a concrete seawall with a stepped front face, horizontal apron and rear wall. The shingle beach is protected by long timber groynes which are partly buried and subject to overtopping. The sea defences between Dymchurch Village and Dymchurch Redoubt are older; a seawall and rear wave reflector. The sloping front aprons have been extended. Timber groynes are present but, again, are derelict and subject to overtopping. Both sections of the defences need regular maintenance and upgrading. The small eastern section of beach used by the MoD is protected by a rock revetment. As a result of the Dungeness Foreland the sediment supply to this section has been interrupted; exposing the seawall in an area already prone to flooding and overtopping.

The Management Policy within this section of beach is 'Hold the Line' for the next 100 years (Epoch 3).

Recycling works have been undertaken to maintain and improve defence.

## Survey Regime

Survey type	Frequency	Profile spacing/survey extent
Topographic baseline	Annual	50m to MLWS
Topographic interim profile	Spring and Autumn	150m to MLWS
Bathymetry	5 years	50m profiles to 1km offshore
Ortho-photography	5 years	MLW
Aerial photography	Ceased in 2008	MLW
Lidar	Rolling Programme	MLW
Habitat Mapping	5 Years	As Required

Full details of data availability and extents can be found on the Channel Coast Observatory Website ([www.channelcoast.org](http://www.channelcoast.org))

## Summary of Beach Operations

Date	Operation	Quantity (m <sup>3</sup> )	Location/Notes
<b>2010</b>			
March	Recycling	8,600	Extraction between Profiles 4c00620 - 4c00628
March	Recycling	6,600	Deposition between Profiles 4c00533 – 4c00592
<b>2009</b>			
April	Capital Works	21,800	Deposition between Profiles 4c00533 – 4c00592
April	Recycling	7,000	Extraction between Profiles 4c00620 & 4c00628

Full details of beach operations can be obtained from Canterbury City Council ([strategic.monitoring@canterbury.gov.uk](mailto:strategic.monitoring@canterbury.gov.uk))