

SMP Policy Unit: 4d-MU14

Survey Unit: 4dSU08

Peacehaven Heights to Newhaven Harbour Arm (West)

Topographic Beach Profiles 4d00223 – 4d00270



Summary

The Peacehaven Heights to Newhaven Harbour frontage faces southwest in the western half of the Unit and faces south in the eastern half. This section of coast is mainly backed by farmland with a few residential properties in the east. A relatively thick layer of loess drift deposit tops the cliff along the length of the frontage, causing a characteristic angled cliff profile due to the lesser erosional resistance of this layer.

There are no retaining structures present along the undercliff, although the western arm of Newhaven Harbour at the eastern extent of the frontage holds a large and stable accumulation of shingle, spanning the Unit's eastern quarter.

Survey Regime

Survey type	Frequency	Survey extent
<i>Topographic baseline</i>	5 years	MLWN
<i>Topographic interim profile</i>	Annual	MLWN
<i>Topographic post-storm</i>	As Required	MLWN
<i>Bathymetry</i>	5 years	1km offshore
<i>Ortho-photography</i>	3 years	MLWS
<i>Lidar</i>	2 Years	MLWN
<i>Habitat Mapping</i>	5 Years	As Required

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