

Policy Unit: 5c LYM10

Lepe to southeast of Stone Point

Topographic Beach Profiles 5c00360 – 5c00344



Summary

There is a shallow foreshore of gravels, muds and sands, extending up to 370m to MLWS. At the western end of the unit, there is a 300m concrete seawall and timber groynes, which is punctuated by a tidally-regulated exchange sluice within the seawall. The seawall gives way to a narrow shingle beach and softwood timber groynes. There has been continued accretion of the gravel bar to the east of the unit, which extends over 400m from the beach toe. Its form, unusually, is shore-normal, suggesting complex currents around Stone Point.

Survey Regime

Survey type	Frequency	Profile spacing/survey extent
<i>Topographic baseline</i>	5 years	50m to MLWS
<i>Topographic interim profile</i>	Spring and Autumn	200m to MLWS
<i>Bathymetry</i>	5 years	50m profiles to 1km offshore
<i>Ortho-photography</i>	5 years	MLW
<i>Non-rectified aerial photography</i>	Annual	MLW
<i>Lidar</i>	5 years	MLW
<i>Habitat mapping</i>	5 Years	Extent of ortho-photography