

Policy Unit: 5g CPU5a

Preston Beach Groyne to Commercial Pier

Topographic Beach Profiles: 5g00312 – 5f00331



Summary

This policy unit comprises a wide, shallow sandy beach to the south, narrowing to a steeper beach consisting of a mixture of gravel and sand towards the northern end. The unit is bounded by a solid sea defence along the base of the pier to the south and a rock groyne to the north. A seawall and esplanade extend along most of the Weymouth Bay frontage. The Isle of Portland provides shelter to this section of coast from direct exposure to the dominant south-westerly waves.

Survey Regime

Survey type	Frequency	Profile spacing/survey extent
<i>Topographic baseline</i>	5 years	100m 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	MLWN
<i>Non-rectified aerial photography</i>	Annual	MLWN
<i>Lidar</i>	Annual	MLWN
<i>Habitat mapping</i>	5 Years	Extent of ortho-photography