

SMP Policy Unit 4d-MU11  
Survey Unit: 4dSU12

Brighton Marina

Topographic Beach Profiles 4d00419 – 4d00442



Summary

Unit SU12 consists solely of the Brighton Marina complex with its boundaries defined by the western and eastern arms. Although no profile surveys are conducted in this Unit with the exception of five-year bathymetry, the presence and scale of the hard structure has a significant impact on the natural sediment transport mechanisms in the region. In particular, the scarcely nourished undercliff frontage to the east in SU11 is balanced by the richly accumulated shingle bank in SU13 to the west.

## Survey Regime

<b>Survey type</b>	<b>Frequency</b>	<b>Survey extent</b>
<i>Topographic baseline</i>	5 years	MLWN
<i>Topographic interim profile</i>	Annual	MLWN
<i>Bathymetry</i>	5 years	1km offshore
<i>Ortho-photography</i>	3 years	MLWS
<i>Lidar</i>	Annual	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](http://www.channelcoast.org))