

Littoral biotope survey in front of the proposed slipway and barge ramp

- Habitat 3 - (30m)

<b>Salinity</b>	Fully marine	<b>Substratum</b>	Small boulders, cobbles, pebbles, stone gravel and coarse sand
<b>Wave exposure</b>	Sheltered	<b>Drying height (above chart datum)</b>	unknown
<b>Survey quality</b>	Thorough	<b>Zone</b>	Upper eulittoral
<b>Tidal streams</b>	Weak	<b>MNCR classification</b>	LR.LLR.F.Fspi.X
<b>Other features</b>	Very narrow band $\leq$ 4m		

This site consisted of a mixed substrata of small, stable, boulders (5%), cobbles (30%), pebbles (30%), stone gravel (30%) and coarse sand (5%) characterised by a canopy of *Fucus spiralis* overlying the black lichen *Verrucaria maura*.



*Littorina saxatilis*

Underneath the fronds of *F. spiralis* was a community of winkles, *Littorina littorea*, *Littorina obtusata* and *Littorina saxatilis* with occasional limpets, *Patella vulgata* and frequent barnacles, *Balanus balanoides*. Non coralline encrusting reds (probably *Hildenbrandia rubra*) were also present beneath the fronds. Amphipods and the crab, *Carcinus maenas* were present underneath the substrata and among the seaweeds.

**Main Cover or Characterising Species**

LR.LLR.F.Fspi.X

<i>Verrucaria maura</i>	A		
<i>Ascophyllum nodosum</i>	R	<i>Fucus spiralis</i>	A
Non coralline encrusting red	O	<i>Pelvetia canaliculata</i>	O
<i>Littorina littorea</i>	O	<i>Littorina obtusata</i>	R
<i>Littorina saxatilis</i>	C	<i>Nucella lapillus</i>	O
<i>Patella vulgata</i>	O		
<i>Balanus ballanoides</i>	F	<i>Carcinus maenas</i>	O
Gammaridae	C		