

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

- Habitat 2 - (5-25m)

|                       |              |  |   |
|-----------------------|--------------|--|---|
| <b>Salinity</b>       | Fully marine | <b>Substratum</b>                        | Large and small boulders, cobbles and pebbles |
| <b>Wave exposure</b>  | Sheltered    | <b>Drying height (above chart datum)</b> | unknown                                       |
| <b>Survey quality</b> | Thorough     | <b>Zone</b>                              | Mid eulittoral                                |
| <b>Tidal streams</b>  | Weak         | <b>MNCR classification</b>               | LR.LLR.F.Asc.X                                |
| <b>Other features</b> |              |  |   |

This site consisted of bedrock (10%), small boulders (10%), cobbles (20%), pebbles (15%), stone and shell gravel (10%) and coarse sand (35%) characterised by a super abundant canopy of the wracks, *Ascophyllum nodosum* and a smaller coverage of *Fucus vesiculosus*.



A sheltered, mid eulittoral shore of a mixed substrata characterised by a dense, canopy of *Ascophyllum nodosum* with frequent *Fucus vesiculosus*. The red seaweed, *Polysiphonia lanosa* was epiphytic on the *A. nodosum*. Three species of winkle, *Littorina littorea*, *L. saxatilis* and *L. obtusata* were common along with the other molluscs, *Mytilus edulis*, *Nucella lapillus*, *Patella vulgata* and *Gibbula cineraria*. Gammarids were found under the cobbles and boulders, while tube dwelling spirobids and the barnacle, *Balanus balanoides*, were recorded on boulders and cobbles.



*Mytilus edulis*



*Littorina littorea*

**Main Cover or Characterising Species**  
LR.LLR.F.Asc.X

|                              |    |                            |   |
|------------------------------|----|----------------------------|---|
| <i>Ascopyllum nodosum</i>    | SA | <i>Chondrus crispus</i>    | R |
| <i>Fucus serratus</i>        | R  | <i>Fucus vesiculosus</i>   | F |
| Non coralline encrusting red | O  | <i>Polysiphonia lanosa</i> | F |
| Red coralline crust          | O  | Rhodophyta unident.        | R |
|                              |    |                            |   |
| <i>Halichondria panicea</i>  | R  | <i>Hymeniacion perleve</i> | R |
| <i>Leucosolenia</i> sp.      | R  |                            |   |
|                              |    |                            |   |
| <i>Actinia equina</i>        | F  |                            |   |
|                              |    |                            |   |
| <i>Pomatoceros triqueter</i> | R  | Spirobidae                 | C |
| Terebellidae indet.          | R  |                            |   |
|                              |    |                            |   |
| <i>Gibbula cineraria</i>     | O  | <i>Littorina littorea</i>  | C |
| <i>Littorina obtusata</i>    | F  | <i>Littorina saxatilis</i> | O |
| <i>Mytilus edulis</i>        | O  | <i>Nucella lapillus</i>    | O |
| <i>Patella vulgata</i>       | C  |                            |   |
|                              |    |                            |   |
| Coralline bryozoan unident.  | O  | <i>Electra pilosa</i>      | O |
|                              |    |                            |   |
| <i>Balanus ballanoides</i>   | F  | <i>Carcinus maenas</i>     | O |
| Gammaridae                   | F  |                            |   |
|                              |    |                            |   |
| <i>Asterias rubens</i>       | R  |                            |   |
|                              |    |                            |   |
| <i>Pholis gunellus</i>       | R  |                            |   |