

Removal of Sand from Hoylake Beach adjacent to North Parade

Problem: windblown sand accumulates at slipways and access points, and blows from here into the road. Sand gets into the drains and causes blockage, which is expensive to rectify, and flooding which can cause hazardous driving conditions. Sand-trap fences have been installed to retain sand at the edge of the beach. Sand-trap fences are very effective at helping prevent sand-blow into the road, but over time it continues to build up at the fences, and blows from there into the road.

Main locations: 1) top of King's Gap, 2) Alderley Road slipway, 3) the beach adjacent to the New Lifeboat Station.

Wind-blown sand will be removed from these locations and relocated 150m from the sea wall toward the tide line (as per map fig 1). The sand will be spread out and flattened.

Operation must happen at low tide to minimise disturbance to birds.

Using a tractor and trailer - aim to make as little as possible impact on any grasses, by taking a direct line.

1) Photograph from the beach of King's Gap Slipway showing sand accumulations



2) Photograph from the beach of Alderley Road slipway and Hoylake Sailing Club showing sand accumulations



3) Photograph from the beach of sand accumulation at the new Lifeboat Station west slipway



Fig 1. Plan of Hoylake Beach between Courtney Road and the Lifeboat Station:

Black circles show sand accumulations.

Black crosses show target destinations - 150m from the promenade.

Red line shows the position of Mean High Water Spring Tides

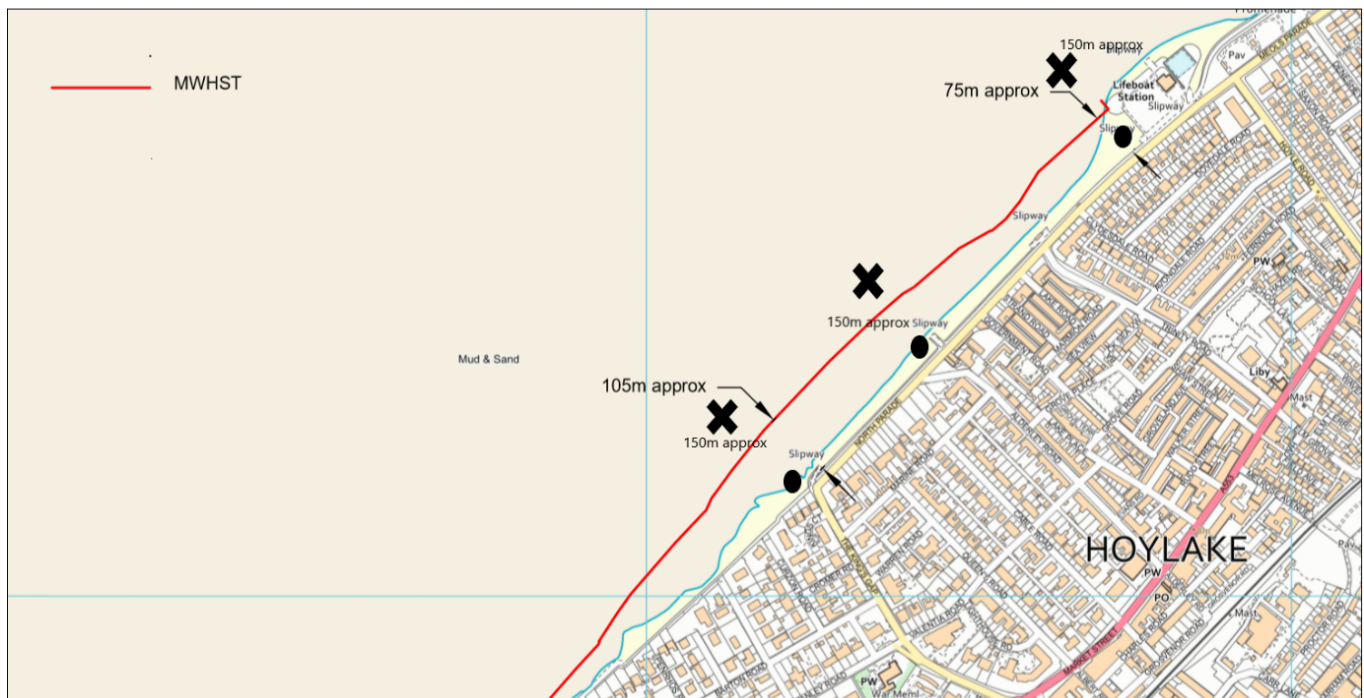


Figure 1 - Plan of Hoylake Beach between Courtney Road and the Lifeboat Station