MUL Application Supporting Attachment 3.5 Other Maps and Drawings

Client	University College Cork
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1 DETAILS OF MARITIME USAGE

1.1 DESCRIPTION OF MARITIME USAGE

University College Cork (UCC) are establishing a pioneering floating wind testbed, integrated with an energy systems observatory known as FLOWT-EOB within Cork Harbour in Southern Ireland. The main aim of this project is to inform, research and facilitate the extensive future deployment of floating wind technologies in the challenging conditions of the Atlantic Ocean. This infrastructure will advance Ireland's capabilities in offshore renewable energy (ORE).

The proposed Floating Offshore Wind Turbine (FLOWT) location is southeast of Spike Island. An export cable will be installed from the FLOWT passing south or north of Spike Island landing close to the UCC, MAREI building in Ringaskiddy.

This MUL application is for Site Investigation and Survey Activities for the FLOWT-EOB project, as described Part 1 Activity in Schedule 7 "*3. Marine environmental surveys for the purposes of site investigation or in support of an application under Part XXI of the Act of 2000*."

The MUL Application Area is a total of 308.6 ha including:

- The area including and adjacent to the proposed Floating Offshore Wind Turbine (FLOWT) location
- The area including and adjacent to proposed Electric Cable Corridor (ECC) and landfall location.

This application falls under the application prioritisation criteria "*National and European priorities*" described by MARA "*Applications identified as contributing to National and European priorities such as: ORE DMAP and Related Activities (e.g. Offshore Renewable Energy)"* since it supports research and advancement in Ireland's capabilities in offshore renewable energy.

2 INDICATIVE SITE INVESTIGATION SAMPLING LOCATIONS



Figure 2-1 Indicative Site Investigation sampling locations

3 MUL MAP

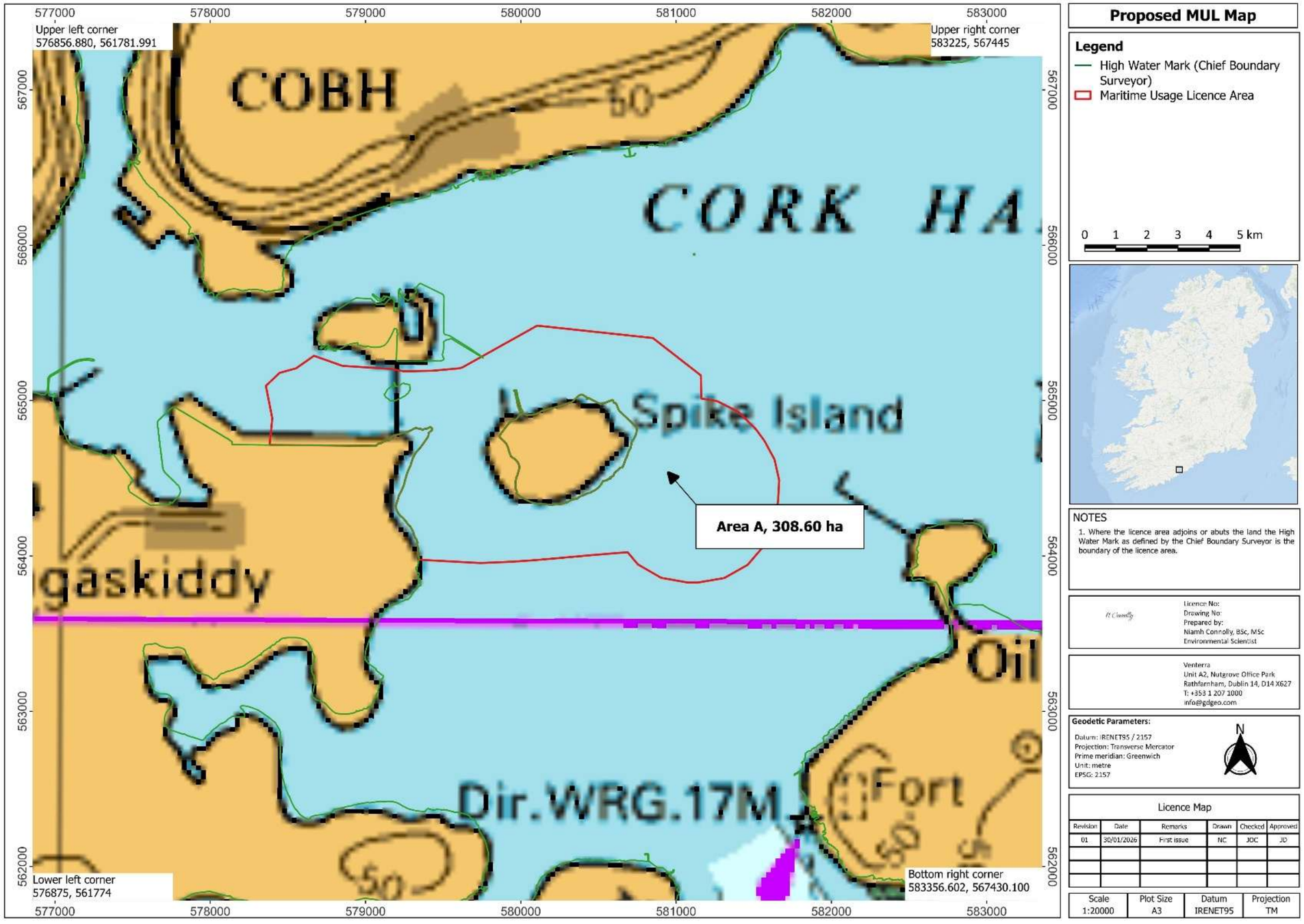


Figure 3-1 Map showing the location of the proposed Maritime Usage

4 SPA AND SAC LOCATIONS

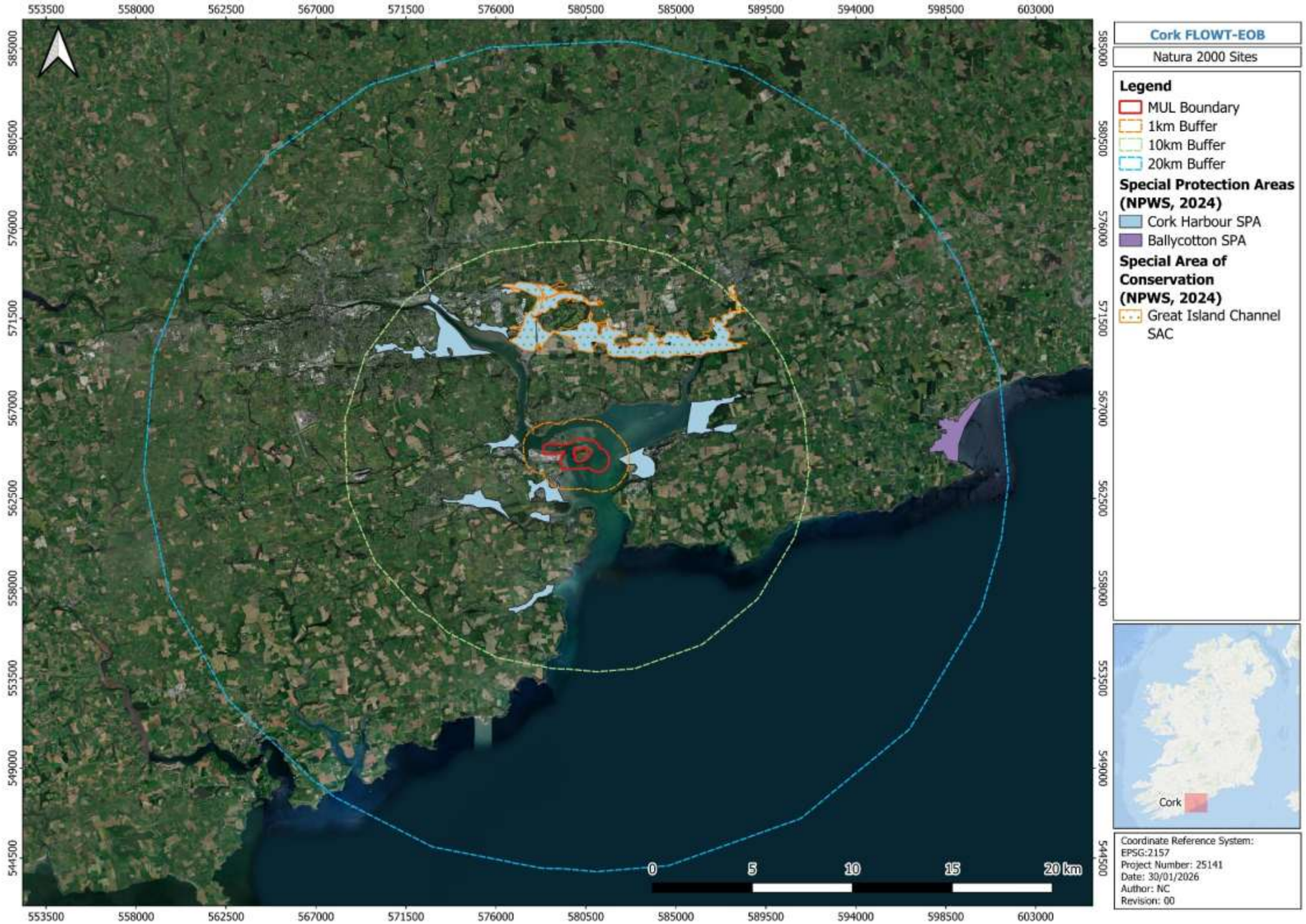


Figure 4-1 SPA & SAC Locations in vicinity of proposed MUL Boundary



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