

ORIEL WIND FARM PROJECT

Planning Report - Addendum

**Cover Note - Appendix A Addendum: National Marine Planning
Framework Compliance Report - GIS Data**

**MDR1520C
Planning Report–
Appendix A Addendum
GIS Data
A1 C01
December 2025**

APPENDIX A: NATIONAL MARINE PLANNING FRAMEWORK COMPLIANCE REPORT - GIS DATA

Introduction

This document provides an overview of the GIS datasets provided to accompany Appendix A Addendum: Marine Planning Framework Compliance Report of the Planning Report Addendum. The figure reference and title is accompanied by the name of the corresponding GIS files.

All files have been provided at the native model resolution and to the Irish Transverse Mercator ITM (IRENET95) projection.

The files are provided in standardised ESRI format shapefiles (.shp) to allow plotting in spatial analysis software.

ORIEL WIND FARM PROJECT – NMPF COMPLIANCE REPORT – ADDENDUM – GIS DATA

Appendix A: National Marine Planning Framework Compliance Report**Figure Reference****Associated GIS file/s****Figure 2A 1: The potential spatial extent of habitat lost (D6C4) or habitat adversely affected (D6C5) arising from the Project.**

MSFD_Celtic_Seas_North_Inner_Marine_Reporting_Unit

Project_Boundary_Offshore

Figure 0A-1: Marine mammal disturbance range unmitigated piling of monopiles at the east modelled location, with the NMFS (2005) threshold strong disturbance (160 dB re 1 μ Pa (rms)) and designated sites for marine mammals.

RFI_TSK3_Irish_SACs_251211

RFI_TSK3_UK_SACs_251211

160dB_SPLss_rms_251211

Figure 2A-3: Marine mammal disturbance ranges for monopiles mitigated with NAS (PULSE) at the east modelled location, with the NMFS (2005) threshold strong disturbance (160 dB re 1 μ Pa (rms)) and designated sites for marine mammals.

RFI_TSK3_Irish_SACs_251211

RFI_TSK3_UK_SACs_251211

160dB_SPLss_rms_251211

Figure 0A-2: Maximum vessel disturbance range (8.5km) from the east modelled location, and designated sites for marine mammals.

RFI_TSK3_Irish_SACs_251211

RFI_TSK3_UK_SACs_251211

RFI_TSK3_8500m_EDR_251211.shp