



# **Spiorad na Mara Offshore Wind Farm Offshore Project Environmental Impact Assessment Report Chapter 12: Fish Ecology - Figures, Volume 2b**

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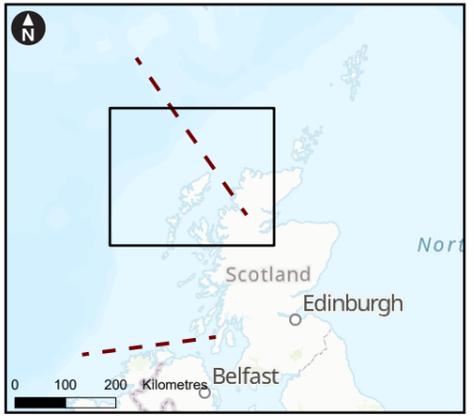
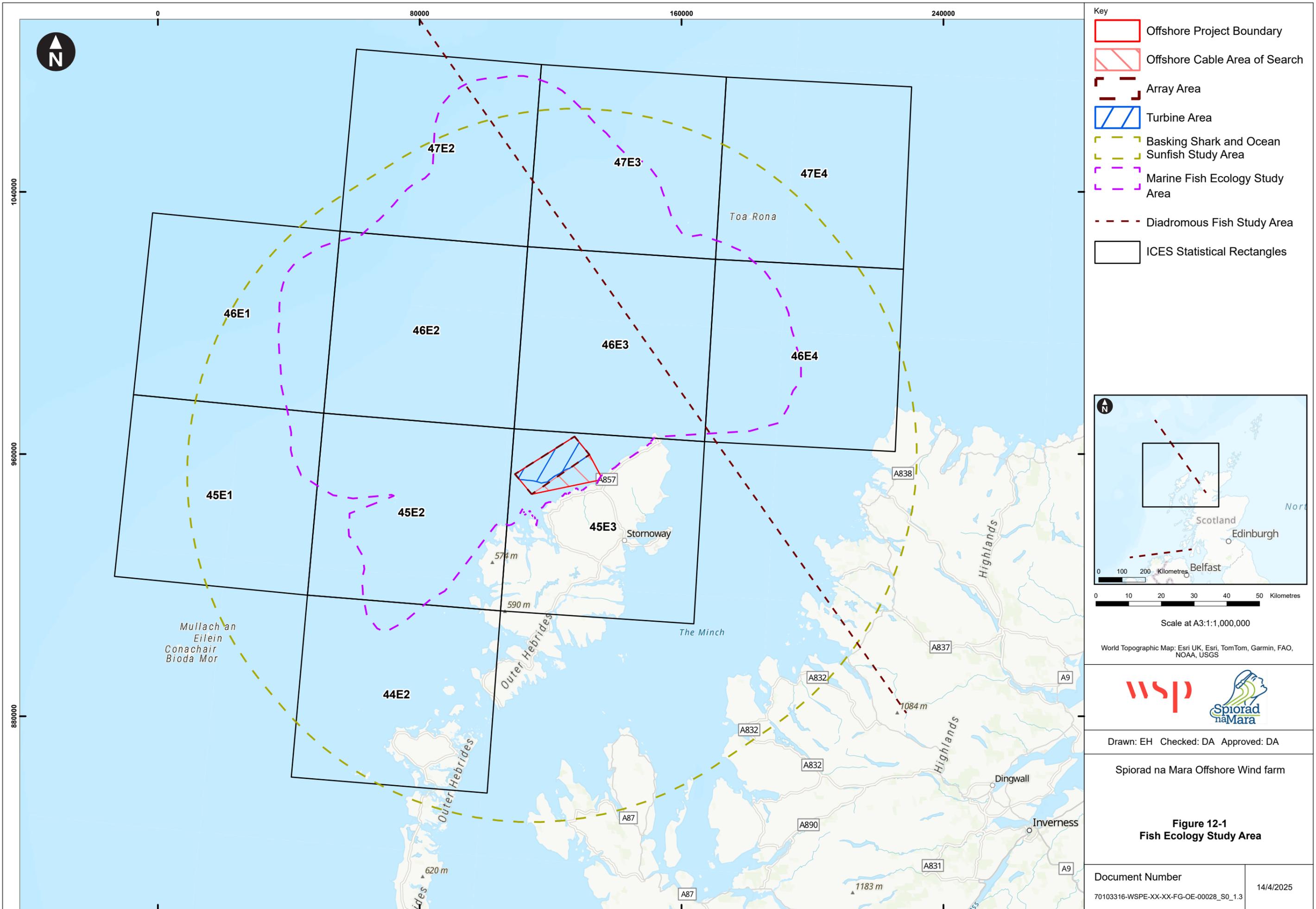
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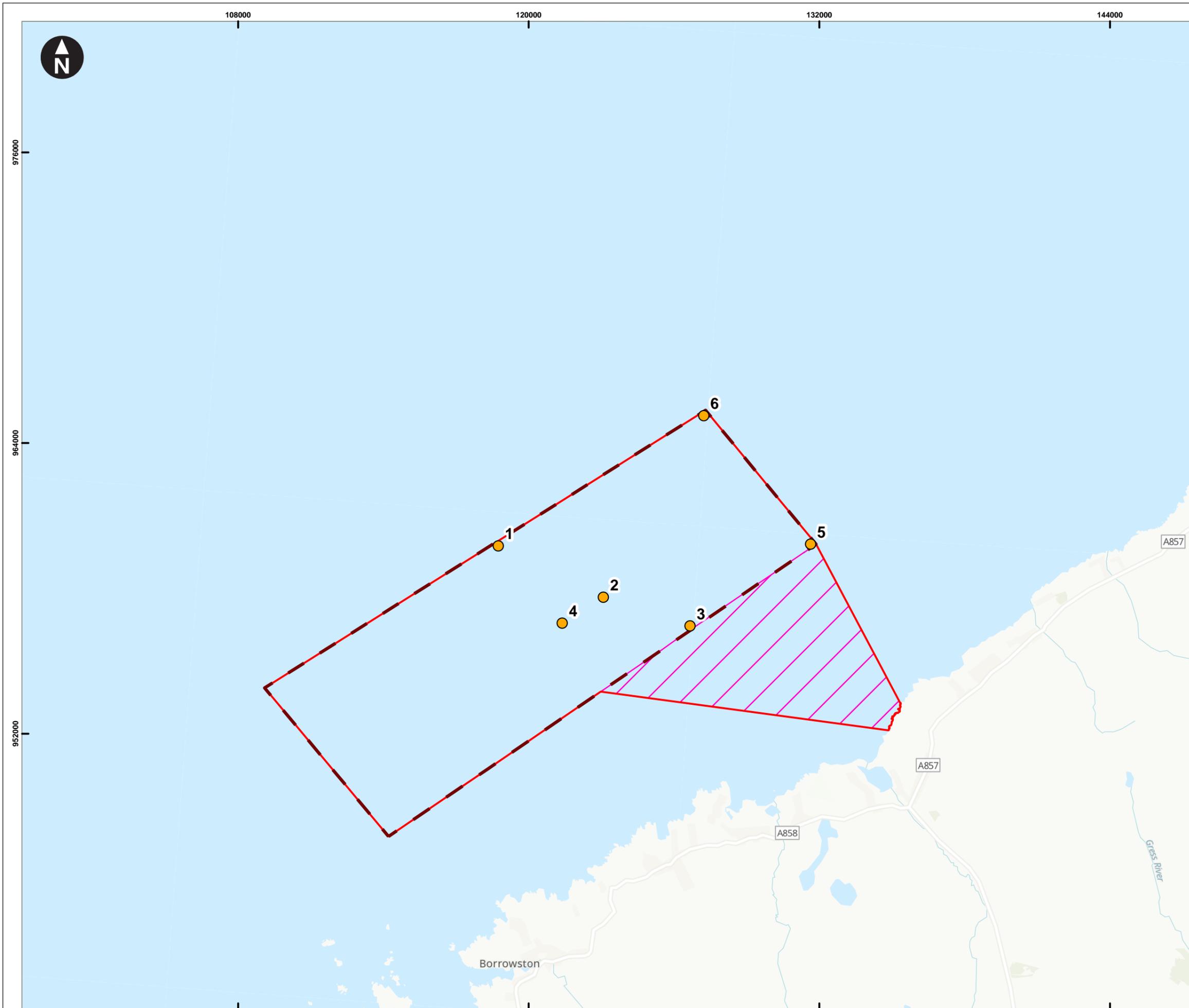
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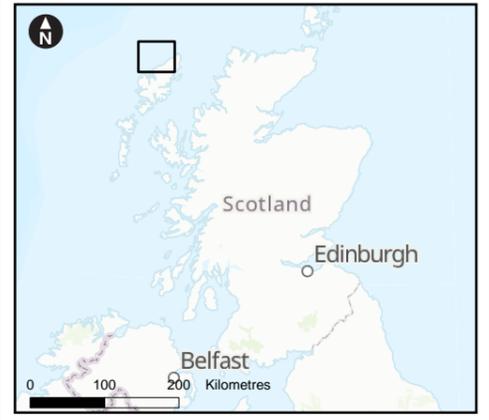
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**Figure 12-1  
Fish Ecology Study Area**



Key

- Offshore Project Boundary
- Offshore Cable Area of Search – Refinement
- Array Area
- Pile Locations



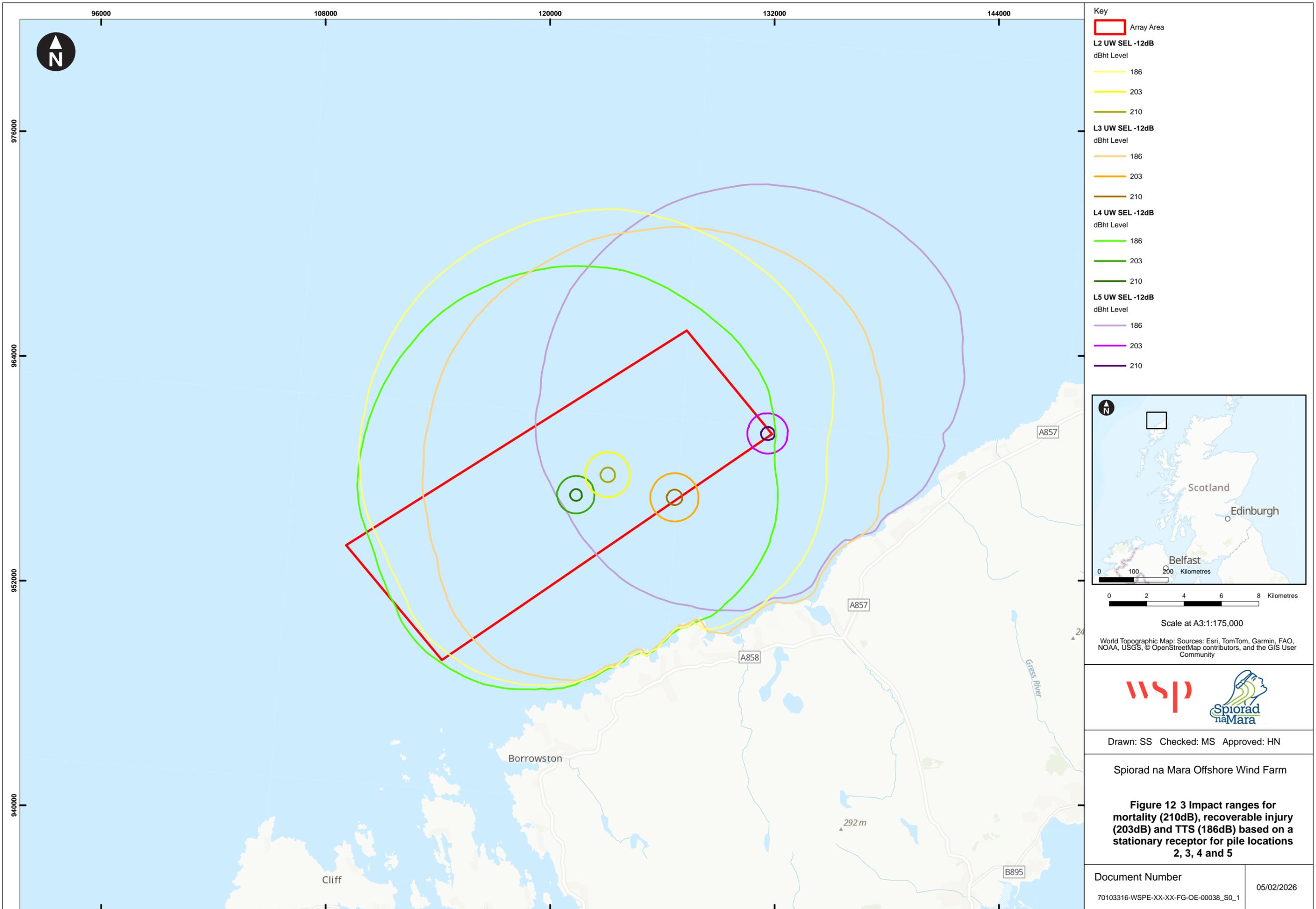
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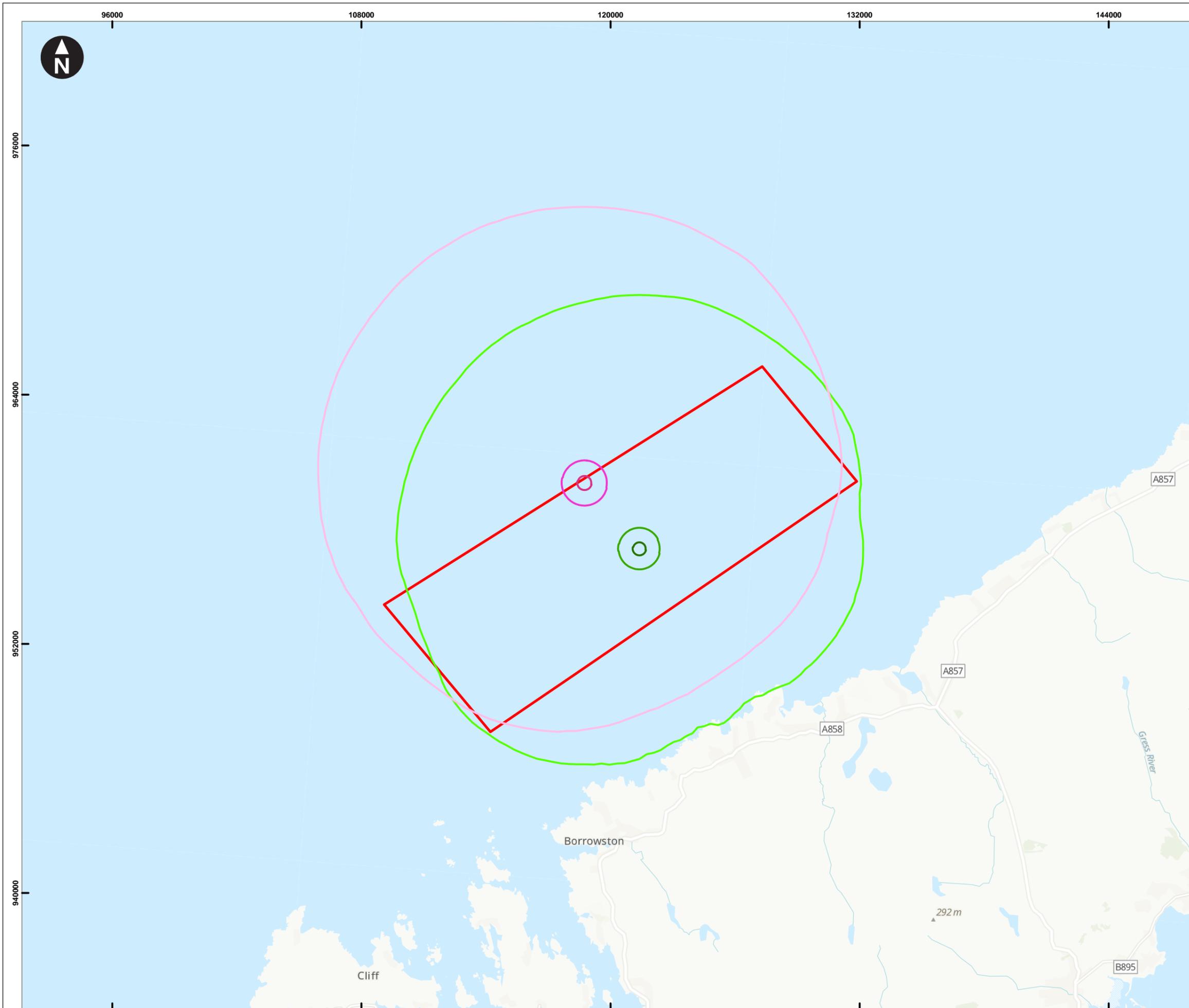


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**Figure 12-2**  
**Underwater noise representative percussive piling locations**





Key

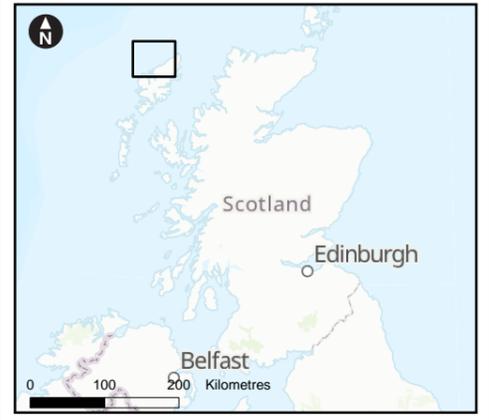
Array Area

**L1 UW SEL -12dB**  
dBht Level

- 186
- 203
- 210

**L4 UW SEL -12dB**  
dBht Level

- 186
- 203
- 210



0 2 4 6 8 Kilometres

Scale at A3:1:175,000

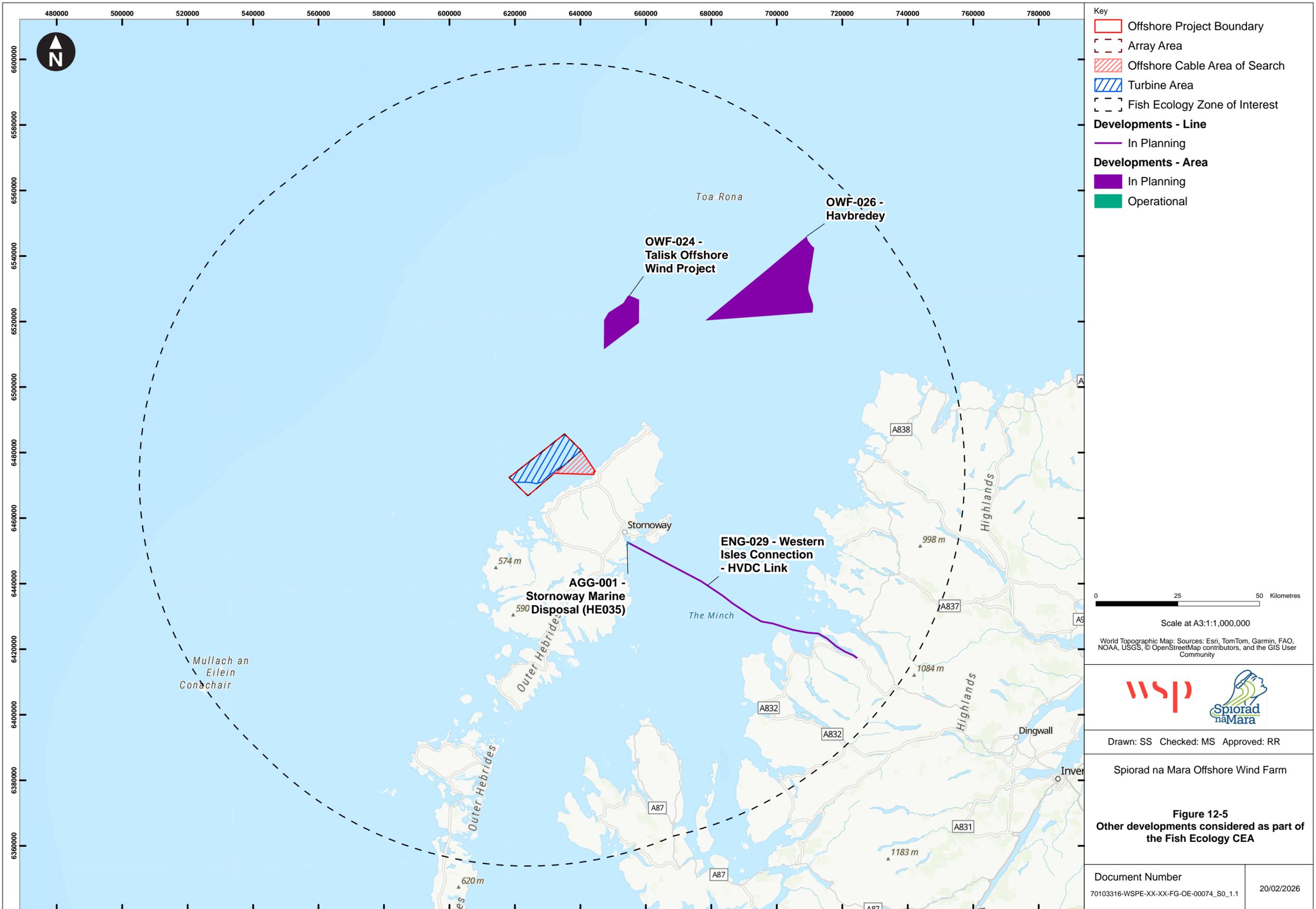
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**Figure 12-4 - Impact ranges for mortality (210dB), recoverable injury (203dB) and TTS (186dB) based on a stationary receptor for pile locations 1 and 4**



- Key**
- Offshore Project Boundary
  - Array Area
  - Offshore Cable Area of Search
  - Turbine Area
  - Fish Ecology Zone of Interest
- Developments - Line**
- In Planning
- Developments - Area**
- In Planning
  - Operational

0 25 50 Kilometres

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**Figure 12-5**  
Other developments considered as part of the Fish Ecology CEA

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