



Legend

- Beatrice Offshore Wind Farm Site
- Beatrice Amended OfTW Corridor
- Moray Firth Round 3 Zone Wind Farm
- ✕ Pile Positions

Harbour (Common) Seal Density
Proportion per 4 x 4 km Grid Square

- > 0.0 - 0.1 %
- 0.1 - 0.2 %
- 0.2 - 0.3 %
- 0.3 - 0.4 %
- 0.4 - 0.5 %

Area of Behavioural Effect

- 75 dB_(nt)
- 90 dB_(nt)

Area of Permanent Threshold Shift (PTS)

- 198 dB re. 1 $\mu\text{Pa}^2/\text{s}$ - Fleeing

Harbour Seal Numbers

○ 1 - 5	○ 101 - 200	○ 501 - 1,000
○ 6 - 10	○ 201 - 300	
○ 11 - 20	○ 301 - 500	
○ 21 - 30		
○ 31 - 50		
○ 51 - 100		

Source: Thompson & Brookes 2011
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0 10 20 40 km 0 4 8 16 Nm

UK Offshore Development

Figure 6.14ii
 Noise Contours Overlaid on Harbour Seal Densities for the Stepped Cumulative Scenario

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