



Legend

- Wind Farm Site
- Amended OFTW Corridor
- x Pile Position

Likelihood of Bottlenose Dolphin Encounter
Predicted Probability per 4 x 4 km Square

- 0
- <0.10
- 0.10 - 0.20
- 0.20 - 0.30
- 0.30 - 0.40
- 0.40 - 0.50
- 0.50 - 0.60
- 0.60 - 0.70
- 0.70 - 0.80

Area of Behavioural Effect

- 75 dB_(rit)
- 90 dB_(rit)

Area of Permanent Threshold Shift (PTS)

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

Source: Cheney *et al.* 2011
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0 5 10 20 km 0 2 4 8 Nm

UK Offshore Development

Figure 6.12i

Noise Contours Overlaid on Bottlenose Dolphin Densities for BOWL A

| | | |
|--------------------------------------|-----------------------|---------------|
| Drawn: MM | Checked: RJ | Approved: TJM |
| Date: 15/02/2013 | Scale: 1:600,000 @ A3 | |
| Drawing Number: BEA-MAP-EWF-BOWL-346 | Revision: 02 | |
| Datum: WGS84 | Projection: UTM30N | |

