

**Legend**

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

**Harbour Porpoise Density**  
Number per 4 x 4 km Grid Square

- >0 - 5
- 5 - 10
- 10 - 15
- 15 - 20
- 20 - 30

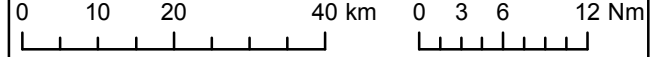
**Area of Behavioural Effect**

- 75 dB<sub>(nt)</sub>
- 90 dB<sub>(nt)</sub>

**Area of Permanent Threshold Shift (PTS)**

- 198 dB re. 1  $\mu$ Pa<sup>2</sup>/s - Fleeing

Source: Cheney *et al.* 2011  
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UK Offshore Development		
Figure 6.13ii		
Noise Contours Overlaid on Harbour Porpoise Densities for the Stepped Cumulative Scenario		
Drawn: MM	Checked: RJ	Approved: TJM
Date: 18/02/2013	Scale: 1:1,000,000 @ A3	
Drawing Number: BEA-MAP-EWF-BOWL-349	Revision: 02	
Datum: WGS84	Projection: UTM30N	

