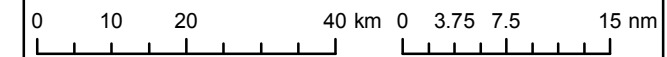


- Legend**
- Beatrice Offshore Wind Farm Site
  - x Pile Positions
- Area of Permanent Physical Injury / Death**
- 220 dB<sub>(re)</sub> - Unweighted (*Inset Only*)
- Area of Permanent Threshold Shift (PTS)**
- 198 dB re. 1  $\mu\text{Pa}^2/\text{s}$  - Fleeing (*Inset Only*)
  - 198 dB re. 1  $\mu\text{Pa}^2/\text{s}$  - Stationary
- Area of Behavioural Effect**
- 50 dB<sub>(re)</sub>
  - 55 dB<sub>(re)</sub>
  - 60 dB<sub>(re)</sub>
  - 65 dB<sub>(re)</sub>
  - 70 dB<sub>(re)</sub>
  - 75 dB<sub>(re)</sub>
  - 80 dB<sub>(re)</sub>
  - 85 dB<sub>(re)</sub>
  - 90 dB<sub>(re)</sub>
  - 100 dB<sub>(re)</sub>
  - 110 dB<sub>(re)</sub> (*Inset Only*)
  - 120 dB<sub>(re)</sub> (*Inset Only*)
  - 130 dB<sub>(re)</sub> (*Inset Only*)
- 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 %

Data Source: Cheney et al 2011  
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Figure 12.9  
BOWL Simultaneous Piling Scenario  
for Harbour (Common) Seal

Drawn: SC	Checked: LHu	Approved: VR
Date: 26/01/2012	Scale: 1,000,000 @ A3	
Drawing Number: BEA-MAP-EWF-BOWL-192	Revision: 01	
Datum: WGS84	Projection: UTM30N	

