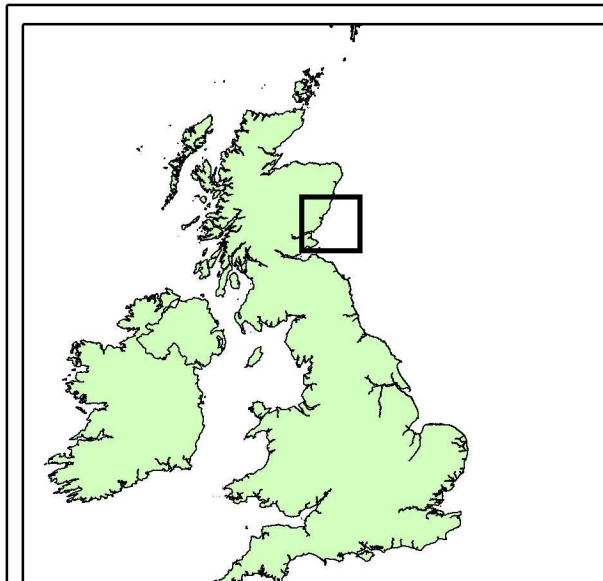


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**Legend**

- Project Alpha and Project Bravo Boundaries
- Harbour Seal At-Sea Usage (#/cell)
  - 0 - 1
  - 1 - 5
  - 5 - 10
  - 10 - 50
  - 50 - 100
  - >100
- Unweighted SELss Noise Contours
  - 150 dB re 1µPa²s
  - 155 dB re 1µPa²s
  - 160 dB re 1µPa²s
  - 165 dB re 1µPa²s

**Coordinate System**  
 UTM Zone 30 North (WGS84)  
 Projection: Transverse Mercator  
 Central Meridian: -3° East  
 Scale Factor: 0.9996  
 Latitude of Origin: 0° North  
 False Easting: 500000.0  
 False Northing: 0.0  
 Reference Spheroid: WGS84  
 Semi-major Axis: 6378137.0  
 Inverse Flattening: 298.2572236



Project:  
**Firth of Forth Offshore Wind Farm**



Figure / Drawing Title:  
**CONCURRENT PIN PILE JACKETS PROJECT ALPHA & PROJECT BRAVO DOSE-RESPONSE UNWEIGHTED SELss NOISE CONTOURS OVERLAIN ON THE HARBOUR SEAL AT-SEA USAGE GRID**

Figure/Drawing Number: FIGURE 10.18

**UNLESS THE REVISION IS B OR HIGHER THE DRAWING IS NOT TO BE USED FOR DESIGN OR CONSTRUCTION**

REV	DATE	DESCRIPTION	BY	CKD	APPR DEV	APPR ENG
B0	13 JUN 18	FOR FORMAL SUBMISSION	RP	NB	LR	HD
A0	25 MAY 18	FOR REVIEW	RP	NB	LR	HD

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 Seal usage data from Russell et al. 2017