



Legend

- Project Alpha and Project Bravo Boundaries
- Grey Seal At-Sea Usage (#/cell)
 - 0 - 1
 - 1 - 5
 - 5 - 10
 - 10 - 50
 - 50 - 100
 - >100
- Unweighted SELss Noise Contours
 - 150 dB re 1 μ Pa²s
 - 155 dB re 1 μ Pa²s
 - 160 dB re 1 μ Pa²s
 - 165 dB re 1 μ Pa²s

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 GREY SEAL AT-SEA USAGE GRID

Figure/Drawing Number: FIGURE 10.19

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

© British Crown Copyright, 2017. All rights reserved.
 Seal usage data from Russell et al. 2017