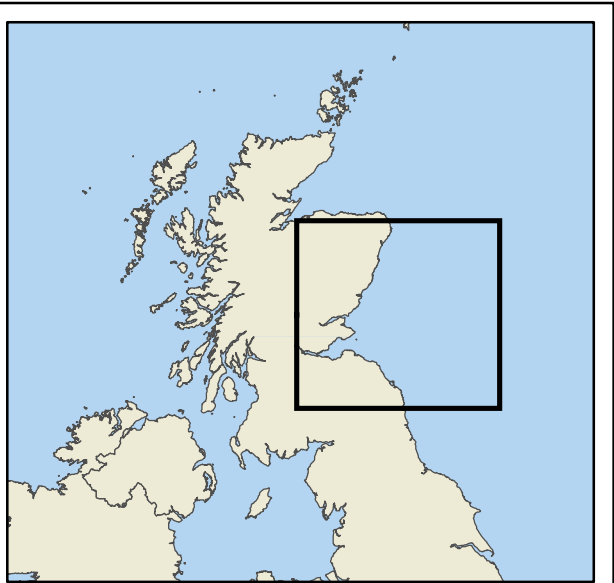
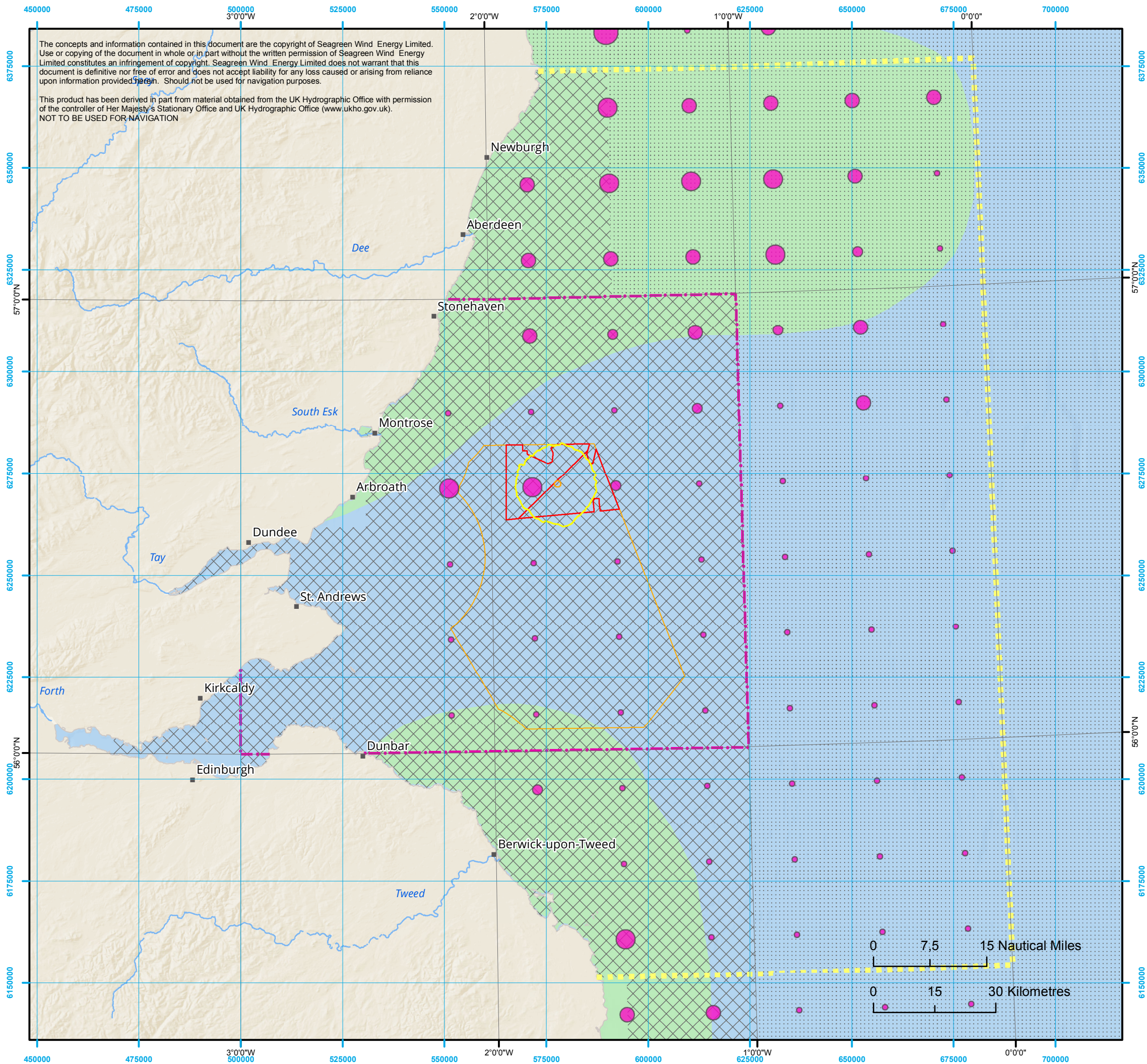




Legend

Sound effect threshold (Popper et al., 2014) for 3.000kj monopile (S4 Bravo)

- 186 dB: TTS
- 203 dB: Recover/Injury
- 207 dB: Mortality

Spawning Grounds (Coull et al., 1998)

Nursery Grounds (Cefas, 2010)

High Intensity

Low Intensity

Average herring larva density pr. m2 (IHLS, TotPerm2)

- 0 - 50
- 50 - 100
- 100 - 500
- 500 - 1000
- 1000 - 5397

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

Sea green
WIND ENERGY

Figure / Drawing Title:
NOISE CONTOURS (GROUP 3 FISH INCLUDING HERRING) FOR 3,000KJ MONOPILE INSTALLATION AT PROJECT BRAVO

Figure/Drawing Number: FIGURE 9.17

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	26 JUN 2018	FOR FORMAL SUBMISSION	CFI	NB	LR	HD