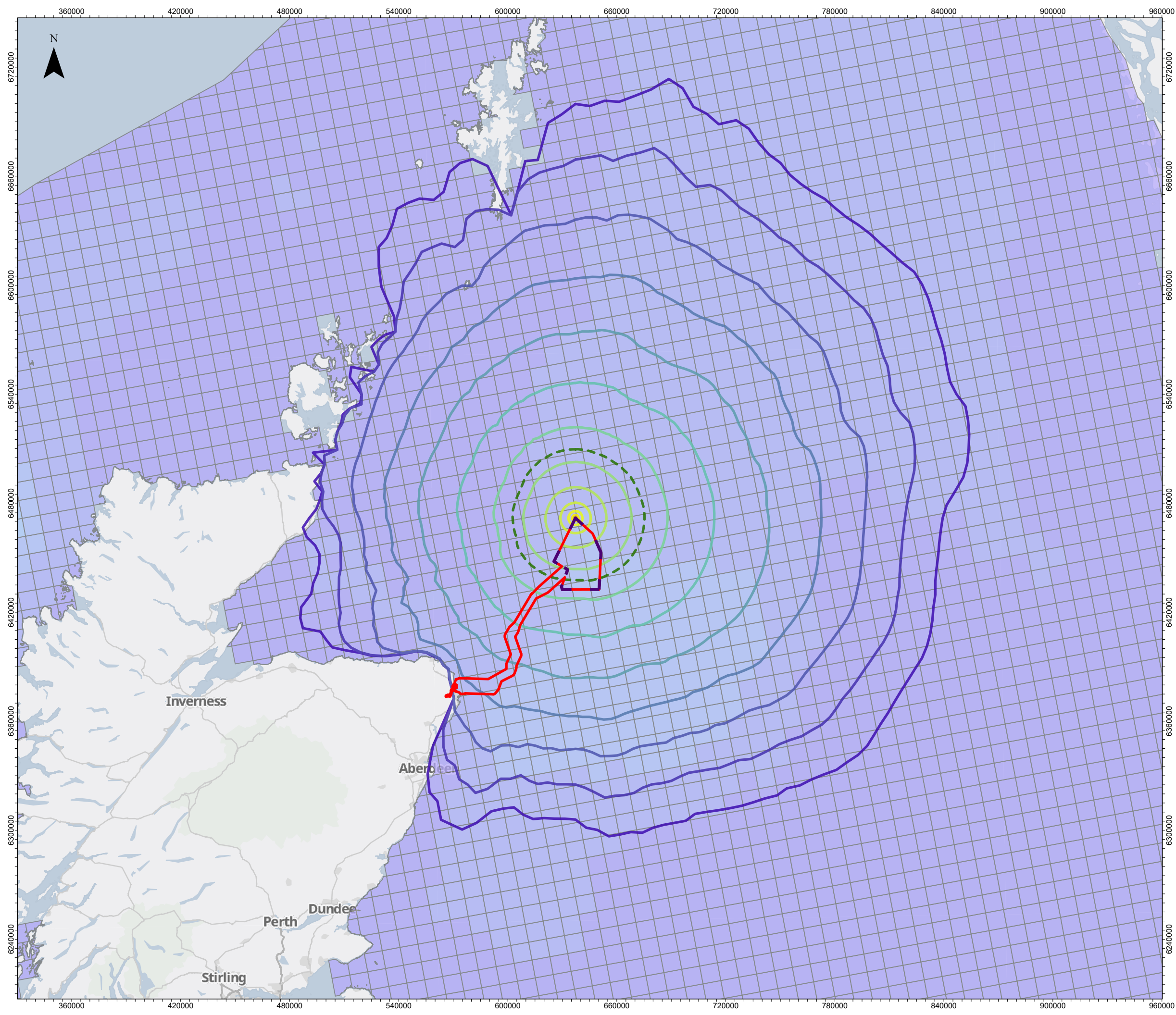




Red Line Boundary

Option Agreement Area

Level B Threshold (160dB)

0.8 - 0.85

0.85 - 0.9

0.9 - 1

>1

0 - 0.025

0.025 - 0.05

0.05 - 0.1

0.1 - 0.015

0.15 - 0.2

0.2 - 0.25

0.25 - 0.3

0.3 - 0.35

0.35 - 0.4

0.4 - 0.45

0.45 - 0.5

0.5 - 0.55

0.55 - 0.6

0.6 - 0.65

0.65 - 0.7

0.7 - 0.75

0.75 - 0.8

Minke Whale Density (ind./km²)

0 - 0.025

0.025 - 0.05

0.05 - 0.1

0.1 - 0.015

0.15 - 0.2

0.2 - 0.25

0.25 - 0.3

0.3 - 0.35

0.35 - 0.4

0.4 - 0.45

0.45 - 0.5

0.5 - 0.55

0.55 - 0.6

0.6 - 0.65

0.65 - 0.7

0.7 - 0.75

0.75 - 0.8

SELss dB re 1 µPa²s (5dB)

120

125

130

135

140

145

150

155

160

165

170

175

180

185

190

195

200

0

50

100

Kilometres

3	03/11/2025	EH	LT	MR	NC		
2	16/10/2025	EH	LT	MR	NC		
1	04/09/2025	EH	LT	MR	NC		
REV	REV DATE	GIS CREATOR	GIS REVIEWER	TECHNICAL CHECKER	TECHNICAL APPROVER		
WSP DRAWING NUMBER		808368-WEIS-IA-E5-FG-M8-3056					
MarramWind DRAWING NUMBER		MAR-GEN-ENV-MAP-WSP-000434					
DATUM		ETRS 89		PROJECTION	UTM Zone 30N		
SCALE		1:2,000,000		PAGE SIZE	A3		
PROJECT TITLE							
MarramWind Offshore Wind Farm							
DRAWING TITLE							
Figure 11.11 Noise contours (SELss) and Level B disturbance contour for piling at the offshore substation north location overlain on the minke whale density surface from Gilles <i>et al.</i> (2025)							
Environmental Impact Assessment Report							
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NOT TO BE USED FOR NAVIGATION							
wsp			MarramWind				