



Legend:

- Norfolk Vanguard
- Offshore cable corridor
- NMFS (2016) unweighted SPL_{peak} of 212 dB re 1 μ Pa for TTS from single strike of maximum monopile hammer energy (5,000kJ)¹
- NMFS (2016) unweighted SPL_{peak} of 218 dB re 1 μ Pa for PTS from single strike of maximum monopile hammer energy (5,000kJ)¹
- NMFS (2016) weighted SEL_{cum} of 185 dB re 1 μ Pa²s for PTS from monopile installation with maximum hammer energy (5,000kJ)¹
- Disturbance (26km)
- Piling Location

NOTE: PTS = Permanent Threshold Shift, TTS = Temporary Threshold Shift, NMFS = National Marine Fisheries Service
¹Subacoustech, 2017

Project:	Report:
Norfolk Vanguard	Environmental Statement

Title:

Grey and harbour seal PTS, TTS and disturbance ranges based on worst-case scenarios

Figure: 12.7		Drawing No: PB4476-005-012-007			
Revision:	Date:	Drawn:	Checked:	Size:	Scale:
04	15/05/2018	GS	JL	A3	1:425,000
03	23/04/2018	GS	JL	A3	1:425,000

Co-ordinate system: ETRS 1989 UTM Zone 31N EPSG: 25831

VATTENFALL

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