



- Legend:
- Norfolk Vanguard
  - Offshore cable corridor
  - NMFS (2016) unweighted SPL<sub>peak</sub> of 202 dB re 1  $\mu$ Pa for PTS from single strike of maximum monopile hammer energy (5,000kJ)<sup>1</sup>
  - NMFS (2016) weighted SEL<sub>cum</sub> of 155 dB re 1  $\mu$ Pa<sup>2</sup>s for PTS from monopile installation with maximum hammer energy (5,000kJ)<sup>1</sup>
  - Piling Location

NOTE: PTS = Permanent Threshold Shift  
 NMFS = National Marine Fisheries Service

<sup>1</sup>Subacoustech, 2017

Project: Norfolk Vanguard	Report: Environmental Statement
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Title:  
 Harbour porpoise PTS ranges based on worst-case scenarios

Figure: 12.5	Drawing No: PB4476-005-012-005				
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



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