

- Legend:
- Norfolk Boreas site
  - Offshore cable corridor
  - Project interconnector search area
  - NMFS (2018) weighted SELcum of 140 dB re 1  $\mu\text{Pa}^2\text{s}$  for TTS from the installation of pinpile using maximum hammer energy (2,700kJ)<sup>1</sup>
  - Lucke et al. (2009) unweighted SELss of 145 dB re 1  $\mu\text{Pa}$  for possible behavioural response from maximum monopile hammer energy (5,000kJ)<sup>1</sup>
  - NMFS (2018) unweighted SPLpeak of 196 dB re 1  $\mu\text{Pa}$  for TTS from single strike of maximum monopile hammer energy (5,000kJ)<sup>1</sup>
  - Disturbance range (26km)
  - Piling location

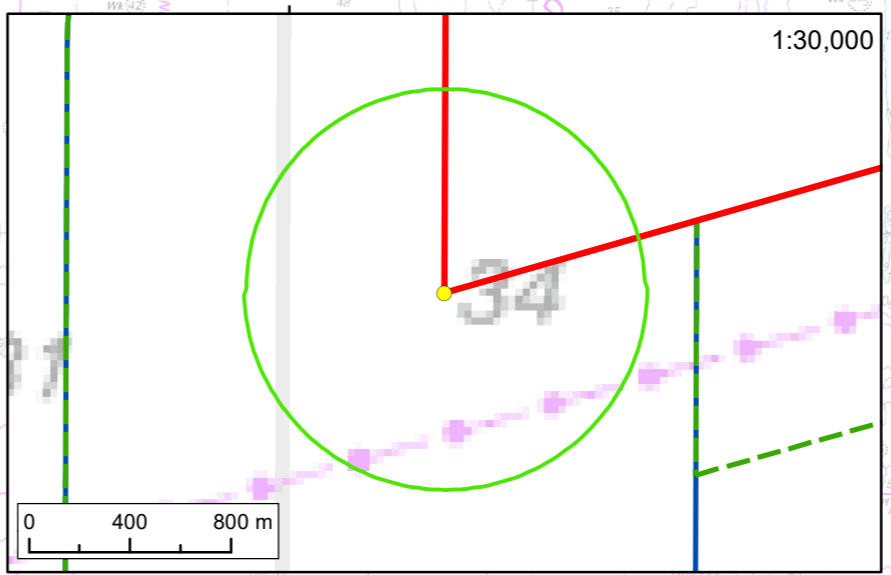
NOTE: TTS = Temporary Threshold Shift, NMFS = National Marine Fisheries Service  
<sup>1</sup>Subacoustech, 2018

Project: <b>Norfolk Boreas</b>	Report: <b>Environmental Statement</b>
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Title:  
**Harbour porpoise TTS and disturbance ranges based on worst-case scenarios**

Figure: 12.6		Drawing No: PB5640-006-012-006			
Revision:	Date:	Drawn:	Checked:	Size:	Scale:
02	20/02/2019	JT	GS	A3	1:450,000
01	23/01/2019	JT	GS	A3	1:30,000

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



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