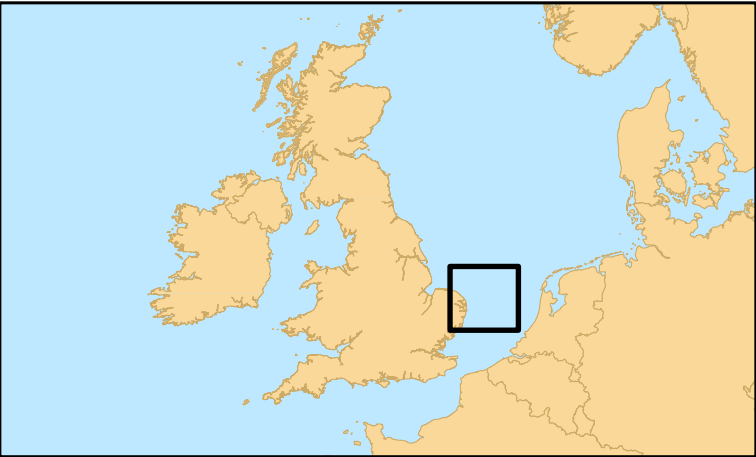
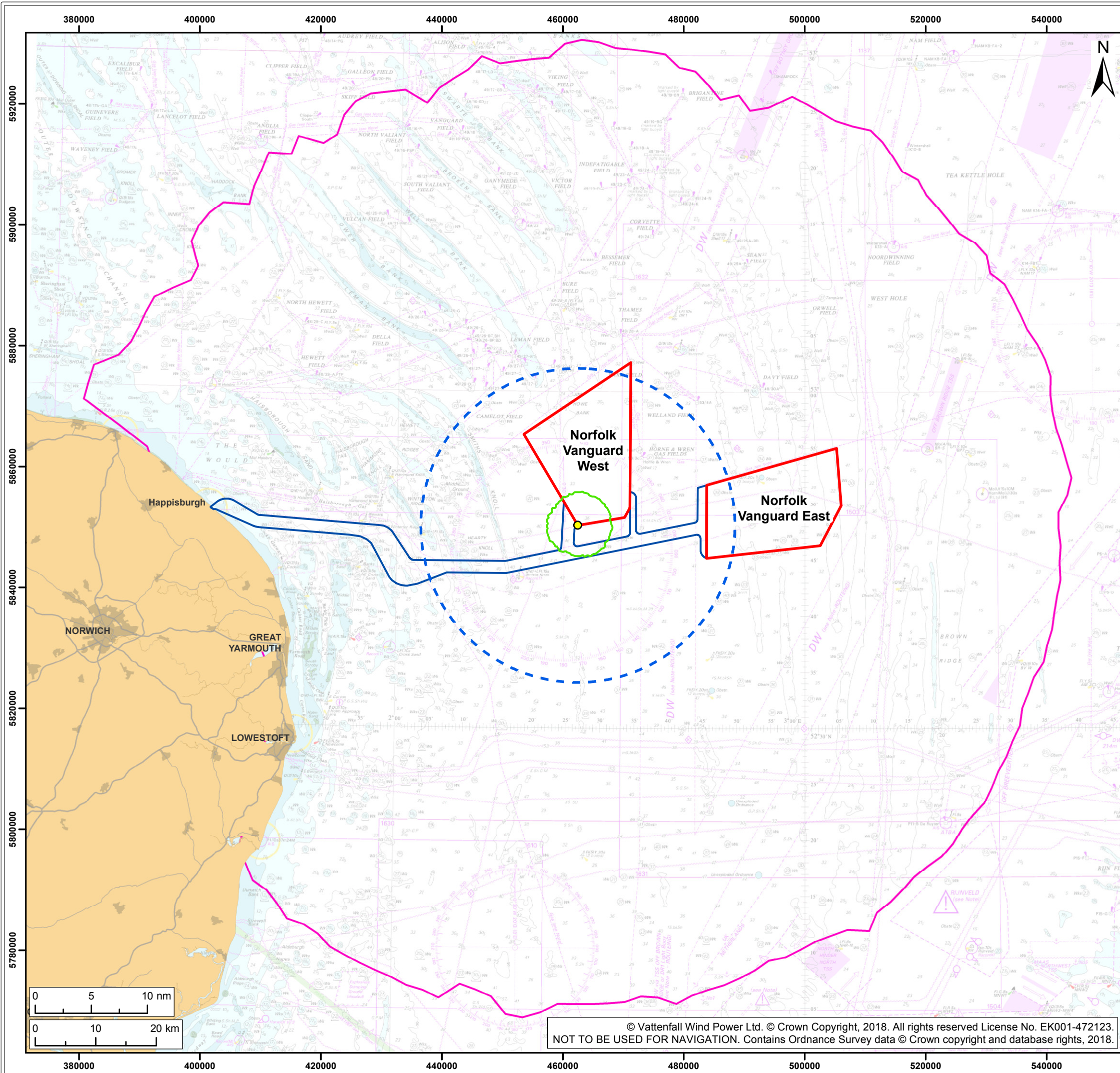




- Legend:
- Norfolk Vanguard
  - Offshore cable corridor
  - NMFS (2016) unweighted SPL<sub>peak</sub> of 196 dB re 1  $\mu$ Pa for TTS from single strike of maximum monopile hammer energy (5,000kJ)<sup>1</sup>
  - Lucke et al. (2009) unweighted SEL<sub>ss</sub> of 145 dB re 1  $\mu$ Pa<sup>2</sup>s for possible behavioural response from maximum monopile hammer energy (5,000kJ)<sup>1</sup>
  - Disturbance (26km)
  - Piling Location

NOTE: TTS = Temporary Threshold Shift, NMFS = National Marine Fisheries Service  
<sup>1</sup>Subacoustech, 2017

|                  |                         |
|------------------|-------------------------|
| Project:         | Report:                 |
| Norfolk Vanguard | Environmental Statement |

Title:  
Harbour porpoise TTS and disturbance ranges based on worst-case scenarios

|              |            |                                |          |       |           |
|--------------|------------|--------------------------------|----------|-------|-----------|
| Figure: 12.6 |            | Drawing No: PB4476-005-012-006 |          |       |           |
| Revision:    | Date:      | Drawn:                         | Checked: | Size: | Scale:    |
| 04           | 15/05/2018 | GS                             | JL       | A3    | 1:625,000 |
| 03           | 23/04/2018 | GS                             | JL       | A3    | 1:425,000 |

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

