



**Legend:**

- Norfolk Boreas Site
- Offshore Cable Corridor
- Project Interconnector Search
- Study Area
- Monopile Noise Impact Contours (Fleeing Animal)**
- NE Temporary Threshold Shift (TTS) (186dB Contours)
- SW Temporary Threshold Shift (TTS) (186dB Contours)
- Monopile Noise Impact Contours (Stationary Model)**
- SW Temporary Threshold Shift (TTS) (186dB Contours)
- Herring Spawning Grounds**
- Herring Grounds <sup>1</sup>
- Herring Nursery Grounds**
- Herring Ground <sup>1</sup>
- High Intensity<sup>2</sup>
- Low Intensity<sup>2</sup>
- Average Herring Larvae Abundance (n/m<sup>2</sup>)(2007-2017)**
- Larvae <11mm**
- ✖ 0
- 1 - 100
- 101 - 1,000
- 1,001 - 10,000
- More 10,000

<sup>1</sup>Coull et al., 1998  
<sup>2</sup>Ellis et al., 2010  
<sup>3</sup>Subacoustech, 2018  
<sup>4</sup>Subacoustech, 2019  
<sup>5</sup>ICES Eggs and Larvae Database, 2018;

Project:	Report:
Norfolk Boreas	Environmental Statement

**Title:**

Herring Spawning Grounds and  
Nursery Grounds in Relation to  
Monopile Noise Impact Contours (5000KJ)

Figure: 11.29	Drawing No: VAT-BOR-11-029				
Revision:	Date:	Drawn:	Checked:	Size:	Scale:
01	07/05/2019	CA	SX	A3	1:10,000,000

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

**VATTENFALL**

**Brown & May**  
Marine Ltd.

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