

Norfolk Boreas Offshore Wind Farm

Appendix 15.4

Regular Operator Consultation

Environmental Statement

Volume 3

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Photo: Ormonde Offshore Wind Farm

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Appendix 15.4

Norfolk Boreas

Regular Operator Analysis

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Revision Number	Date	Summary of Change
00	31/07/2018	Initial Draft
01	20/02/2019	Environmental Statement Update

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Abbreviations Table

Abbreviation	Definition
AIS	Automatic Identification System
NRA	Navigation Risk Assessment
VWPL	Vattenfall Wind Power Limited

1 Introduction

1. This Appendix summarises the consultation undertaken with Regular Operators as part of the overarching consultation process with shipping and navigation stakeholders undertaken for the Norfolk Boreas offshore wind farm. The arising responses are included within the Navigation Risk Assessment (NRA) (Appendix 15.1 to Chapter 15 Shipping and Navigation).

2 Methodology

2. The marine traffic survey data collected prior to the Preliminary Environmental Information Report stage (further details are available in the NRA), was used to identify key marine Regular Operators transiting within the vicinity of the Norfolk Boreas site. A Regular Operator is defined as any commercial operator observed as owning, or being responsible for, vessels with multiple transits in the area. It is noted that fishing vessels and recreational vessels were not included in this analysis, with the focus instead on regular routed traffic that may be impacted by the presence of structures within the Norfolk Boreas site.
3. The following Regular Operators were identified on this basis:
 - AET Tankers Pte Ltd;
 - Alfons Hakans;
 - Amasus Shipping;
 - BP Shipping;
 - CIDO Shipping;
 - DEME Group;
 - DFDS Seaways;
 - DOF Group;
 - Eimskip;
 - John T. Essberger;
 - GloMar Offshore;
 - Holwerda Ship Management BV;
 - MarConsult Schiffart;
 - Minerva Marine Inc;
 - Navios Tankers Management Inc;
 - Longship;
 - Rederiet Stenersen;
 - SCF Management Services Dubai;
 - Scotline;
 - Stolt Tankers;
 - Teekay Shipping;
 - V. Ships; and
 - Vroon Offshore Services.
4. Each of the Regular Operators listed above was sent a letter via email containing information on Norfolk Boreas, and a request for a consultation response. The letter template used is provided in section 2 for reference. Each was also invited to attend a Hazard Consultation meeting.
5. Responses received are included in section 5.4 of the NRA.

3 Letter Template

6. The letter template used is provided below.



[STAKEHOLDER ADDRESS HERE]

Date: dd/mm/yyyy



Stakeholder Consultation on Navigation Impacts for the Proposed Norfolk Boreas Offshore Wind Farm

Dear Stakeholder [OR CONTACT NAME IF KNOWN],

As you may be aware, in 2016, Vattenfall Wind Power Ltd. (VWPL) acquired seabed rights from The Crown Estate to develop the Norfolk Boreas Offshore Wind Farm, located within the former East Anglia Zone.

Norfolk Boreas is located more than 73km from the Norfolk coast, as shown in Figure 1. It is planned that offshore wind turbines and associated substations will be installed within the site, with the project also including export cables and connections to the onshore grid.

Anatec has been contracted by VWPL to provide technical support on navigation during the consenting process, and to coordinate the stakeholder consultations. Therefore, we are writing to you on their behalf to provide an outline of their proposals for developing Norfolk Boreas.

The Environmental Impact Assessment process requires that VWPL identify potential impacts that the development could have on shipping and navigation, and to ensure that consultation is carried out in a comprehensive and consistent manner. In order to analyse shipping and navigation movements in the area, Automatic Identification System (AIS) data has been collected from a vessel-based survey undertaken in February 2018, which will feed into the Navigational Risk Assessment (NRA).

Anatec has analysed the aforementioned AIS data and has observed that your organisation's vessel(s) have navigated in the sea area shown in Figure 1. As a result, your company has been identified as a potential Marine Stakeholder for the Norfolk Boreas project. We therefore invite your feedback on the potential development, including any impact it may have on the navigation of vessels.

For context, other relevant nearby wind farm projects have been included in Figure 1. Norfolk Vanguard (VWPL) is awaiting a consent decision, while East Anglia One and East Anglia Three (both ScottishPower Renewables) are consented projects.

To further assist your review, Figure 2 shows an AIS plot of your organisation's vessel movements recorded within 10nm of the site during the February 2018 survey.

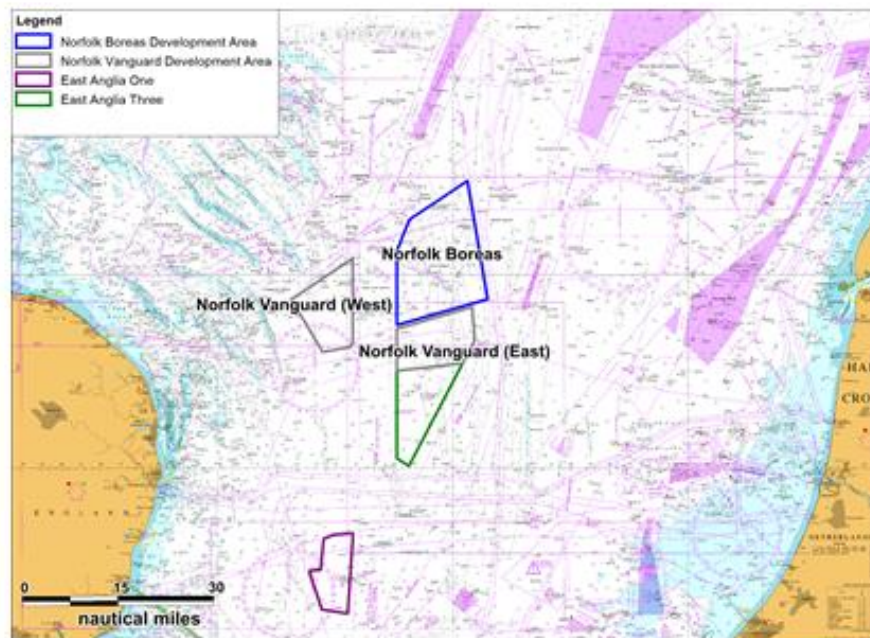


Figure 1 Norfolk Boreas Development Area

[INSERT REGULAR OPERATOR VESSEL PLOT HERE]

Figure 2 Marine Traffic Survey Data (February 2018) – (STAKEHOLDER NAME)

Further project information is available at:
<https://corporate.vattenfall.co.uk/projects/wind-energy-projects/vattenfall-in-norfolk/norfolk-boreas/about-the-project/>

We would be grateful if you could review this letter and provide us with any comments or feedback that you may have by the [INSERT RESPONSE DATE HERE]. This will allow us to assess your feedback as part of the NRA which is currently being undertaken. We would also be grateful if you could forward a copy of this information onto any vessel operators / owners you feel may be interested in commenting.


In particular, we are keen to receive comments on:

1. Whether the proposal to develop Norfolk Boreas is likely to impact the routing of any specific vessels;
2. Whether there are any parts of the development area that would pose greater safety or routing concerns for your vessels;
3. Whether you would like to be retained on our list of Marine Stakeholders and consulted throughout the NRA process; and
4. Whether you would like to attend a Hazard Workshop to be held in central London in May 2018, for the purpose of discussing potential impacts to shipping and navigation receptors associated with the project in a group setting.

Should you require any further information to support your review or additional information on the navigational consenting process in general, please do not hesitate to contact us. We look forward to receiving your response by the **[INSERT RESPONSE DATE HERE]**.

Yours sincerely,


Anatec Ltd

Please send all responses and / or requests for further information via email to  or in writing to:

