

**Norfolk Boreas Offshore Wind Farm**

# **Statement of Common Ground**

Chamber of Shipping

Applicant: Norfolk Boreas Limited  
Document Reference: ExA.SoCG-5.D2.V1  
Deadline 2  
Date: September 2019  
Revision: Version 1  
Author: Anatec Limited

*Photo: Ormonde Offshore Wind Farm*

Date	Issue No.	Remarks / Reason for Issue	Author	Checked	Approved
16/08/2019	01D	First draft for Chamber of Shipping Review	Anatec	Anatec	Vattenfall
29/08/2019	02D	Second draft for CoS review following call	Anatec	Anatec	Vattenfall
13/09/2019	01F	Draft agreed with CoS	Anatec	Anatec	Vattenfall

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## Glossary of Acronyms

CoS	Chamber of Shipping
DCO	Development Consent Order
DWR	Deep Water Route
EIA	Environmental Impact Assessment
ES	Environmental Statement
FSA	Formal Safety Assessment
HDD	Horizontal Directional Drilling
IMO	International Maritime Organization
Km	Kilometres
km <sup>2</sup>	Kilometres Square
LiDAR	Light Detection and Ranging
m	Metres
MGN	Marine Guidance Note
NRA	Navigation Risk Assessment
SoCG	Statement of Common Ground

## Glossary of Terminology

Array cables	Cables which link wind turbine to wind turbine, and wind turbine to offshore electrical platforms.
Baseline	Existing conditions within the array area or export cable route including navigation features and vessel routes.
Marine Guidance Note (MGN)	A system of guidance notes issued by the MCA which provide significant advice relating to the improvement of the safety of shipping and of life at sea, and to prevent or minimise pollution from shipping.
Navigation Risk Assessment (NRA)	A document which assesses the overall impact to shipping and navigation of a proposed Offshore Renewable Energy Installation (OREI) based upon Formal Safety Assessment (FSA)
Project interconnector search area	The area within which the project interconnector cable would be installed.
Safety Zone	A marine zone demarcated for the purposes of safety around a possibly hazardous installation or works/construction area under the Energy Act 2004 and Electricity (offshore Generating Station Stations (Safety Zones) (Applications Procedures and Control of Access Regulations 2007 (SI No 2007/1948).

## 1 INTRODUCTION

1. This Statement of Common Ground (SoCG) has been prepared with the Chamber of Shipping (CoS) and Norfolk Boreas Limited (hereafter ‘the Applicant’) to set out the areas of agreement and areas of ongoing discussion in relation to the Development Consent Order (DCO) application for the Norfolk Boreas Offshore Wind Farm (hereafter ‘the project’). A full description of the project can be found in Chapter 5 of the Environmental Statement. Document reference 6.1.5 of the Application, APP-218.
2. This SoCG comprises an agreement log which has been structured to reflect the topics of interest to the CoS with regard to the Norfolk Boreas DCO application (hereafter ‘the Application’). The agreement log (Table 2.1) outlines all topic specific matters agreed and matters subject to ongoing discussion between the CoS and the Applicant.
3. The Applicant has had regard to the guidance for the examination of applications for development consent (Department for Communities and Local Government, 2015) when compiling this SoCG.

### 1.1 Consultation with the Chamber of Shipping

4. This section briefly summarises the consultation that the Applicant has had with the CoS. For further information on the consultation process please see the Consultation Report (document reference 5.1 of the Application, APP-027).
5. The Applicant has engaged with the CoS on the project during the pre-Application process, both in terms of informal non-statutory engagement and formal consultation carried out pursuant to Section 42 of the Planning Act 2008.
6. Table 1.1 provides an overview of meetings and correspondence undertaken with the CoS to date. This SoCG is a live document and will be updated throughout the examination process. This version takes into consideration all consultation to date including the Relevant Representation submitted as part of the Section 56 Consultation.
7. Minutes of the meetings outlined in Table 1.1 are provided in Appendices 9.15 – 9.26 (pre-Section 42) and Appendices 25.1 – 25.9 (post-Section 42) of the Consultation Report (document reference 5.1 of the Application, APP-027).

**Table 1.1 Summary of Consultation with the Chamber of Shipping**

Date	Contact Type	Topic
<b>Pre-Application</b>		
23 <sup>rd</sup> May 2018	Hazard Workshop	<b>Increased encounters</b> - CoS raised concerns over small vessels being displaced into the Deep Water Routes (DWR) which were originally intended for larger, deep draughted vessels.

Date	Contact Type	Topic
		<b>Cumulative Baseline</b> - CoS stated the International Maritime Organization (IMO) routing measures should be included within the cumulative case.
19 <sup>th</sup> July 2018	Hazard Log	Comments received requesting further information on ranking system. Matrixes provided, no further comments received.
<b>Post-Application</b>		
20 <sup>th</sup> and 21 <sup>st</sup> August 2019	Teleconference	<p>Call to discuss SoCG, plus follow up email.</p> <p>The CoS has no issues with the content of the SoCG but wishes to keep dialogue open as the examination develops to allow them to participate on behalf of their members and the safety of navigation in relation to this development.</p> <p>CoS are in agreement that the baseline information provided (within the NRA) is adequate, that data has been well collected and the coverage is adequate.</p> <p><b>Final Build Out</b></p> <p>The CoS continues to have concerns over the commercial shipping routes that will be affected by this development.</p> <p><b>Small Craft within the Deep Water Route (DWR)</b></p> <p>The CoS has additional concerns with smaller vessels being forced into the DWR and further discussions with the applicant would be welcome on this topic.</p> <p><b>Vessel Routing</b></p> <p>The CoS maintains its previous position that International Maritime Organisation (IMO) routing measures should be further considered in this application and the deviation of vessels, and the resulting impact this has on the company and vessels, should be taken into account.</p>

## 2 STATEMENT OF COMMON GROUND

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8. The project has the potential to impact upon shipping and navigation. Chapter 15 of the Norfolk Boreas Environmental Statement (ES) (document reference 6.1.15 of the Application, APP-228) provides an assessment of the significance of these impacts.
9. Table 2.1 provides areas of agreement (common ground) and areas of ongoing discussion regarding shipping and navigation.
10. This SoCG represents the position of the parties as they currently stand. It is intended to be a live document which will be updated as required throughout the examination process.

Table 2.1 Agreement Log – Shipping and Navigation

Topic	Norfolk Boreas Limited position	Chamber of Shipping Position	Final position
<b>Consultation</b>			
<b>Consultation</b>	The CoS has been adequately consulted regarding shipping and navigation to date.	No further comment	<b>Agreed</b>  It is agreed that the consultation has been adequate.
<b>Environmental Impact Assessment</b>			
Existing environment	<b>Marine traffic surveys</b> - Marine traffic survey data collected for Norfolk Boreas Limited for the characterisation of shipping and navigation are suitable for the assessment.	No further comment	<b>Agreed</b>  It is agreed that the marine traffic survey data collection is as per Marine Guidance Note (MGN) 543 and therefore suitable for the assessment.
	<b>Baseline environment</b> - The Navigation Risk Assessment (NRA) (document reference 6.3.15.1 of the application, App-569) and ES (document reference 6.1.15 of the Application, APP-228) adequately characterises the baseline environment in terms of shipping and navigation including IMO Routeing Measures and <b>Vessel Routeing</b> .	No further comment	<b>Agreed</b>  It is agreed that the NRA (document reference 6.3.15.1 of the application, App-569) and ES (document reference 6.1.15 of the Application, APP-228) adequately characterises the baseline environment in Chapter 15: Shipping and Navigation of the ES which includes the NRA.
Assessment Methodology	<b>Compliance with guidance</b> - Appropriate legislation, planning policy and guidance relevant to shipping and navigation has been used. The FSA based approach to the assessment of effects is deemed appropriate for the purposes of predicting changes to the receiving environment.	No further comment	<b>Agreed</b>  It is agreed that the appropriate legislation, planning policy and guidance has been used in the NRA(document reference 6.3.15.1 of the application, App-569) and Chapter 15: Shipping



Topic	Norfolk Boreas Limited position	Chamber of Shipping Position	Final position
			and Navigation of the ES(document reference 6.1.15 of the Application, APP-228).
	<p><b>Identification of impacts</b> - The potential impacts identified within the chapter represent a comprehensive list of potential effects on shipping and navigation from the project. This includes modelling of base case plus future case routeing and consultation with regular operators identified within the area (see section 5.5 of the NRA (document reference 6.3.15.1 of the Application, App-569).</p>	No further comment	<p><b>Agreed</b></p> <p>It is agreed that the Applicant has comprehensively identified navigational safety impacts on shipping and navigation receptors from the project.</p>
<b>Cumulative impact assessment (CIA)</b>	<p>The <b>cumulative (and in-combination)</b> assessment of potential changes to shipping and navigation is appropriate and no cumulative impacts will be significant in Environmental Impact Assessment (EIA) terms. It is noted that cumulative future case routeing considers existing IMO routeing.</p> <p>Consultation was undertaken with regular operators and no concerns were raised as noted in section 5.5 (document reference 6.3.15.1 of the Application, App-569).</p>	No further comment	<p><b>Agreed</b></p> <p>Based on the information provided within the NRA (document reference 6.3.15.1 of the application, App-569) and Chapter 15: Shipping and Navigation of the ES (document reference 6.1.15 of the Application, APP-228) it is agreed that cumulative impacts, including main route deviations caused by the project cumulatively, are unlikely to be significant on the understanding that appropriate mitigation measures (as noted in the Chapter 15: Shipping and Navigation) are implemented.</p>
<b>Worst Case and Final Build Out</b>	At this examination stage of the project it cannot be confirmed how much of the site will be built out, however the Applicant will consider consultation responses on the subject during the layout approval process which will be undertaken	No further comment	<b>Agreed</b>

Topic	Norfolk Boreas Limited position	Chamber of Shipping Position	Final position
	with the MCA and Trinity House (through the Marine Management Organisation (MMO) post consent. The worst case contained with the NRA does demonstrate a worst case full build out.		
<b>Small Craft within the DWR</b>	Despite the very low level of recreational activity there may be a small increase in encounters with other vessels; however given adherence to COLREGs (IMO, 1972) (in particular in relation to crossing the DWR) and good seamanship, it is highly unlikely that there will be any perceptible effects associated with recreational vessels with regards to collision risk and therefore the impact was deemed to be not significant under EIA terms. Section 17 of the NRA (document reference 6.3.15.1 of the application, App-569) details an assessment undertaken on the buffers from the existing DWR which ensure that adequate space is available for the types and numbers of vessels within it.	No further comment	<b>Agreed</b>
<b>Mitigation and Management</b>			
<b>Safety zones</b>	The Applicant will submit an application for safety zones of up to 500metres (m) during construction, major maintenance and decommissioning phases; and 50m pre commissioning.	No further comment	<b>Agreed</b>  The post consent use of construction, major maintenance and decommissioning safety zones are noted and supported by the CoS.

**The names inserted below are to confirm that these are the current positions of the two parties contributing to this SOCG**

Printed Name	Fena Boyle
Position	Policy Manager
On behalf of	Chamber of Shipping
Date	18/09/2019

Printed Name	Jake Laws
Position	Norfolk Boreas Consents Manager
On behalf of	Norfolk Boreas Limited (the Applicant)
Date	13/09/2019