



Norfolk Boreas Offshore Wind Farm

DCO Non-Material Change

Regulation 7A Consultation and Publicity Statement

Applicant: Norfolk Boreas Limited & Norfolk Vanguard East Limited

Document Reference: PB5640.008.0018

Date: June 2022 Revision: Version 1

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Photo: Ormonde Offshore Wind Farm





Date Issue No.		Remarks / Reason for Issue	Author	Checked	Approved	
30/05/2022	01	Draft for Internal review	SF/BT	DT	DT	
20/06/2022	02	Vattenfall and Legal Review	SF/TW	DT/VR	RL	
27/06/2022 03 Final fo		Final for Submission to the SoS	SF/TW	DT/VR	RL	







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Glossary of Acronyms

BEIS Department for Business, Energy & Industrial Strategy DCLG Department for Communities and Local Government DCO Development Consent Order DIO Defence Infrastructure Organisation DML Deemed Marine Licence EIA Environmental Impact Assessment EIFCA Eastern Inshore Fisheries & Conservation Authority EMF Electromagnetic Fields ES Environmental Statement GW Gigawatts HE Historic England HRA Habitats Regulations Assessment LSE Likely Significant Effect MMO Marine Management Organisation MoD Ministry of Defence MW Megawatts NATS National Air Traffic Services NE Natural England NFFO National Federation of Fishermen's Organisations	
DCO Development Consent Order DIO Defence Infrastructure Organisation DML Deemed Marine Licence EIA Environmental Impact Assessment EIFCA Eastern Inshore Fisheries & Conservation Authority EMF Electromagnetic Fields ES Environmental Statement GW Gigawatts HE Historic England HRA Habitats Regulations Assessment LSE Likely Significant Effect MMO Marine Management Organisation MoD Ministry of Defence MW Megawatts NATS National Air Traffic Services NE Natural England	
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MW Megawatts NATS National Air Traffic Services NE Natural England	
NATS National Air Traffic Services NE Natural England	
NE Natural England	
NEEO National Endoration of Fishermon's Organisations	
NATIONAL PEDELATION OF FISHERMENT'S ORGANISATIONS	
NMC Non-Material Change	
RSPB The Royal Society for the Protection of Birds	
SAC Special Area of Conservation	
SoS Secretary of State	
SPA Special Protection Area	
TCE The Crown Estate	
TH Trinity House	
WTG Wind Turbine Generator	



1 Introduction

1.1 Non-Material Change Overview

- This Consultation and Publicity Statement has been prepared to support the
 application for a non-material change (NMC) to the Norfolk Boreas Offshore Wind
 Farm Order 2021 as required by Regulation 7A of the Infrastructure Planning
 (Changes to, and Revocation of, Development Consent Orders) Regulations 2011 as
 amended (2011 Regulations).
- 2. Norfolk Boreas Limited submitted an application for development consent for the Norfolk Boreas Offshore Wind Farm (Project) on 11 June 2019, with a Development Consent Order (DCO) granted by the Secretary of State (SoS) for the Department for Business, Energy and Industrial Strategy (BEIS) on 10 December 2021 (Order). The Order granted consent for the development of an offshore wind farm with a gross output of 1,800 Megawatts (MW) (1.8 Gigawatts (GW)), with a maximum of 158 wind turbine generators (WTGs) located approximately 73km off the coast of Norfolk.
- 3. On 17 December 2021, Norfolk Vanguard East Limited entered into an agreement for lease with The Crown Estate in respect of (i) part of the wind farm array area and (ii) the cable corridor. Therefore, for the purposes of paragraphs 2(6) and 2(7) of Schedule 6 to the Planning Act 2008, Norfolk Boreas Limited and Norfolk Vanguard East Limited both hold an interest in the land to which the Order relates.
- 4. Since the submission of the application for the Order, a detailed review of the supply chain has shown that there have been advancements in technology making WTGs more efficient and cost effective. These advances allow the generation capacity of a WTG to increase whilst remaining within the same parameters of scale.
- 5. Therefore, Norfolk Boreas Limited and Norfolk Vanguard East Limited (the Applicant) has jointly made an application for a non-material change to the Order which aims to:
 - remove the 1,800MW limit of electrical capacity stated in the Order, and
 - reduce the number of WTGs from 158 to 137.
- 6. For the avoidance of doubt, and as stated in the letter to BEIS submitting the NMC Application (Appendix 1), the NMC application does not seek a change to any other parameters secured with the Order, including the Order Limits, and does not relate to the Norfolk Vanguard Offshore Wind Farm Order 2022.
- The Applicant contacted BEIS via email which resulted in a meeting held on the 18
 March 2022 to explain and discuss the NMC proposals Table 2.1.



- 8. A Supporting Statement (document reference: PB5640.008.0015) to the NMC Application was prepared which sets out a review of the receptors assessed within the Norfolk Boreas Environmental Statement (ES) and provides an assessment as to whether there will be any new or materially different impacts as a result of the NMC Application from those described in the original ES.
- 9. Furthermore, it also considers whether the proposed changes would alter the conclusions of the Habitats Regulations Assessment (HRA) undertaken in respect of the Order.
- 10. Taking into account the four tests outlined in the 2015 Department for Communities and Local Government (DCLG) Guidance on Changes to Development Consent Orders, the Supporting Statement demonstrated that the proposed amendments were non-material in nature and that the NMC Application does not give rise to any new or materially different impacts from those detailed in the ES or any change to the conclusions of the HRA.

1.2 Consultation Report

- 11. This Consultation and Publicity Statement is provided in support of the NMC Application. It details the consultation undertaken, the stakeholders consulted (as agreed with BEIS) and the newspaper notices published.
- 12. This Consultation and Publicity Statement is a requirement of Regulation 7A of the 2011 Regulations and confirms that the Applicant has complied with all necessary steps set out in regulations 6 and 7 of the 2011 Regulations. This statement has been drafted to provide a summary of the stakeholder consultation undertaken on the NMC Application and also details the public engagement approach.
- 13. The statement is structured as follows:
 - Section 2: a summary of the pre-application consultation undertaken to develop the reduced list of consultees and confirm their consent for electronic service
 - Section 3: an overview of the submission process for the NMC Application
 - Section 4: an overview of the publication process for the NMC Application
 - Section 5: a summary of the stakeholder consultation undertaken for the NMC Application

2 Pre-Application Consultation

14. Prior to submitting the NMC Application, the Applicant contacted BEIS, the Statutory Nature Conservation Body (Natural England) the regulating authority relevant to the NMC Application (the Marine Management Organisation) and the Landowner (The



Crown Estate) to inform them the NMC Application was being made and explain the need for an NMC to deliver increased capacity and contribute to the government's climate change goals, without exceeding the worst case scenario assessed within the Environmental Impact Assessment (EIA). Table 2.1 below provides a summary of the pre-application consultation.

Table 2.1 Summary of pre-submission consultation responses

Consultee	Date of Consultation	Consultation Format	Summary of Consultation
Marine Management Organisation	02/02/2022	Meeting with case manager and case officer	Explanation of what the NMC would include
Natural England	17/02/2022	Email sent to case officer	Informing of NMC and information on what the NMC would include
The Crown Estate	25/01/2022	Meeting	Update and explaining the intention to remove the capacity limit and timeline for achieving this.
BEIS	18/03/2022	Meeting	Notification of the intention to submit the NMC Application and provide an explanation of what the NMC Application would seek

2.1 Stakeholders Invited to be Consulted

15. In advance of submitting the NMC Application, the Applicant wrote to 22 stakeholders identified from the Project's Section 56 consultee list and invited them to be consulted on the NMC Application.

2.2 Finalised List of Stakeholders to be Consulted

- 16. Of the 22 invited stakeholders, 14 confirmed they wished to be consulted. This reduced list of consultees and engagement with them prior to the submission of the NMC Application is presented in Table 2.2.
- 17. With the reduced list of consultees established, a request was sent to BEIS on 29 March 2022 (Appendix 2) for approval of the proposed reduced list of consultees to allow a more focused consultation given the narrow scope of the proposed NMC Application. The request was made pursuant to Regulation 7 of the 2011 Regulations (Regulation 7 Letter).
- 18. BEIS approved the reduced list of consultees via email on 8 April 2022.



Table 2.2 The reduced list of stakeholders who wished to be consulted on the NMC Application

Sta	keholder	Response to Invitation
1.	Broadland District Council	Broadland District Council was contacted on 21 February 2022 and asked if it wished to be consulted on the NMC Application. On 23 February 2022, Broadland District Council confirmed it wished to be consulted.
2.	Defence Infrastructure Organisation	The Defence Infrastructure Organisation was contacted on 21 February 2022 and asked if it wished to be consulted on the NMC Application. On 22 February 2022, the Defence Infrastructure Organisation confirmed it wished to be consulted.
3.	Eastern Inshore Fisheries & Conservation Authority (EIFCA)	The EIFCA was contacted on 21 February 2022 and asked if it wished to be consulted on the NMC Application. On 11 March 2022, the EIFCA confirmed it wished to be consulted.
4.	Historic England	Historic England was contacted on 21 February 2022 and asked if it wished to be consulted on the NMC Application. On 22 February 2022, Historic England confirmed it wished to be consulted.
5.	Marine Management Organisation (MMO)	The MMO was contacted on 21 February 2022 and asked if it wished to be consulted on the NMC Application. On 8 March 2022, the MMO confirmed it wished to be consulted.
6.	Ministry of Defence (MoD)	The MoD was contacted on 21 February 2022 and asked if it wished to be consulted on the NMC Application. On 22 February 2022, the MoD confirmed it wished to be consulted.
7.	National Air Traffic Services (NATS) En-Route Safeguarding	NATS was contacted on 21 February 2022 and asked if it wished to be consulted on the NMC Application. On 28 February 2022, NATS confirmed it wished to be consulted.
8.	National Federation of Fishermen's Organisations (NFFO)	NFFO was contacted on 21 February 2022 and asked if it wished to be consulted on the NMC Application. On 10 March 2022, NFFO confirmed it wished to be consulted.
9.	Natural England (NE)	NE was contacted on 21 February 2022 and asked if it wished to be consulted on the NMC Application. On 10 March 2022, NE confirmed it wished to be consulted.
10.	North Norfolk District Council	North Norfolk District Council was contacted on 21 February 2022 and asked if it wished to be consulted on the NMC Application. On 16 March 2022, North Norfolk District Council confirmed it wished to be consulted.
11.	Royal Society for Protection of Birds (RSPB)	RSPB was contacted on 21 February 2022 and asked if it wished to be consulted on the NMC Application. On 14 March 2022, RSPB confirmed it wished to be consulted.
12.	The Crown Estate	The Crown Estate was contacted on 21 February 2022 and asked if it wished to be consulted on the NMC Application. On 9 March 2022, The Crown Estate confirmed it wished to be consulted.
13.	Trinity House (TH)	TH was contacted on 21 February 2022 and asked if it wished to be consulted on the NMC Application. On 8 March 2022, TH confirmed it wished to be consulted.
14.	VisNED	VisNed was contacted on 21 February 2022 and asked if it wished to be consulted on the NMC Application. On 10 March 2022, VisNed confirmed it wished to be consulted.



3 Submitting the Non-Material Change

- 19. In accordance with Regulation 4 of the 2011 Regulations, the following documents were submitted to BEIS and the Planning Inspectorate on 25 April 2022 along with a cover letter (Appendix 1) containing, in schedule 1 of the letter, a checklist demonstrating Regulation 4 compliance:
 - The Supporting Statement¹, comprising:
 - The details of the proposed non-material change to the Order as prescribed by the 2011 Regulations; and
 - An explanation as to why the proposed change is considered to be nonmaterial.
 - The draft Amendment Order that sets out the amendments proposed to the
 Order together with a tracked version showing the proposed changes.
 - A tracked changed version of the Deemed Marine Licences (DMLs), which sets out the proposed changes for the parallel application being made to the Marine Management Organisation (MMO) to vary the DMLs.
 - A copy of the newspaper notice required by Regulation 6 of the 2011 Regulations.
- 20. The above documents are referred to as the NMC Application Documents.

4 Publicising the Non-Material Change Application

- 21. In accordance with Regulation 6 of the 2011 Regulations (as amended by Regulation 3 of the Infrastructure Planning (Publication and Notification of Applications etc.)

 (Amendment) Regulations 2020 (2020 Regulations)), the Applicant undertook the following approach to publicise the details of the NMC Application to the public:
 - The publication of the Regulation 6 Notice in two newspapers for two consecutive weeks:
 - a. Fishing News; and
 - b. Eastern Daily Press.
 - The Regulation 6 Notice provided the public with the details referred to in Regulation 6 of the 2011 Regulations, including the name and address of the Applicant, a description of the NMC being sought, details of where and the last date the NMC Application Documents could be accessed (including

¹ Available at: https://infrastructure.planninginspectorate.gov.uk/wp-content/ipc/uploads/projects/EN010087/EN010087-002943-Norfolk%20Boreas%20NMC%20Supporting%20Statement.pdf



the cost of hard copy documents), a contact where any enquiries could be addressed, how representations on the NMC Application could be made, and the last date for making representations. The notice made clear the NMC Application Documents were available to view on the Norfolk Boreas project page on the Planning Inspectorate's website (the NMC Application Documents were published on the Norfolk Boreas page on the Planning Inspectorate's website on 3 May 2022).

- Following the publication of the first notice, the Planning Inspectorate
 recommended minor changes to the text which the Applicant addressed in
 the second publication of the notice. Copies of the Regulation 6 Notice as it
 appeared in the relevant newspapers, including the online versions, can be
 found in Appendix 3.
- 2. The issue of an e-shot², a regular update sent to more than 1,700 registered interested parties who have signed up to receive Norfolk Zone Updates, including details on the NMC Application.
 - Recipients of the e-shot include parish councils located along and neighbouring the Project's onshore cable route, as well as other local groups and individuals taking an interest in the Project development. The eshot was issued on 11 April 2022. A copy of the e-shot has been made available on the "Vattenfall in Norfolk" web page³ from 12 April 2022.
- 22. The dates that each Regulation 6 Notice was published is detailed in Table 4.1.

Table 4.1 Publications and dates

Publication	First Publication		Second Publication			
	Newspaper We	osite	Newspaper	Website		
Fishing News	First issued to subscribers on 26/04/2022. Distributed and accessible by all parts of the UK on 28/04/2022.	26/04/2022	First issued to subscribers on 03/05/2022. Distributed and accessible by all parts of the UK on 05/05/2022.	03/05/2022		
Eastern Daily Press	26/04/2022	26/04/2022	03/05/2022	03/05/2022		

23. The deadline for receipt of representations specified in the notice was 23:59 on Friday 10 June 2022, allowing more than 28 days from the date of publication of the last notice (taken to be 5 May 2022 which was the date the second Fishing News



- notice was accessible to all parts of the UK) in accordance with the requirements of Regulation 6 of the 2011 Regulations.
- 24. No requests were made for hard copies of the NMC Application Documents to be distributed.
- 25. The Applicant considers the details of the NMC Application were communicated to the public in an appropriate and effective way, in compliance with Regulation 6 of the 2011 Regulations.

5 Application Consultation

- 26. The NMC Application Documents were issued to each of the Regulation 7 Consultees via email, as detailed in Table 5.1 below.
- 27. An example of the letter sent to each of the Regulation 7 Consultees is contained in Appendix 4. The letter stated that the deadline for receipt of comments was 23:59 on Friday 10 June 2022 (allowing more than 28 days for the submission of representations) and detailed that any representations regarding the NMC Application should be sent by email to the Planning Inspectorate via email or in writing. Additional contact details were provided where consultees could contact the Planning Inspectorate's case team for support in submitting a representation.

Table 5.1 Confirmation of Receipt of Consultation Documents

Cons	ultee	Date of Service	Confirmation of Receipt
1.	Broadland District Council	25 April 2022	✓
2.	Defence Infrastructure Organisation	25 April 2022	✓
3.	Eastern Inshore Fisheries & Conservation Authority (EIFCA)	25 April 2022	✓
4.	Historic England	25 April 2022	✓
5.	Marine Management Organisation (MMO)	26 April 2022	✓
6.	Ministry of Defence (MoD)	25 April 2022	✓
7.	National Air Traffic Services (NATS) En-Route Safeguarding	25 April 2022	✓
8.	National Federation of Fishermen's Organisations (NFFO)	25 April 2022	✓
9.	Natural England (NE)	25 April 2022	✓
10.	North Norfolk District Council	25 April 2022	✓
11.	Royal Society for Protection of Birds (RSPB)	25 April 2022	✓
12.	The Crown Estate	25 April 2022	✓
13.	Trinity House (TH)	25 April 2022	✓
14.	VisNED	25 April 2022	✓



- 29. Redacted copies of all consultation submissions are enclosed within Appendix 5.
- 30. A summary of these consultation submissions is provided in Table 5.2. All comments from the consultees are presented and where relevant, the Applicant has provided a response.





Table 5.2: Summary of the Consultation Submissions

Pa	arty	Date of Correspondence	Format	Summary of Consultee's submission	Applicant's Response
1.	Broadland District Council	10 June 2022	Email	No comments to make in respect of the proposed NMC as the application does not seek any changes to the onshore elements of the project.	No response required
2.	Defence Infrastructure Organisation (DIO)	9 June 2022	Letter	The MoD have reiterated concerns which they aired during the Norfolk Boreas Examination; however, they acknowledge that the NMC Application will not change these concerns. The DIO does however note that due to the fact that the air defence radar at Trimingham is to be moved to Neatishead, reference in Requirement 13(2)(a) to Trimingham should be updated to Neatishead.	Although the change requested by the MoD does not relate to the NMC Application, the Applicant would have no objection to the updated reference from Trimingham to Neatishead being made should the SoS deem this to be necessary.
3.	Eastern Inshore Fisheries & Conservation Authority (EIFCA)	1 June 2022	Letter	The EIFCA voiced concerns that if the NMC Application is successful, the removal of capacity limit may result in increased Electromagnetic Fields (EMF) produced by the export cables. The EIFCA consider this would result in impacts on mobile commercial species of fish and shellfish due to direct physical harm or secondary effects of changes in behaviour as a result of the EMF.	A Detailed response to the EIFCA's concerns is provided in Appendix 6 and a summary is provided here. The proposed changes detailed within the NMC Application will not alter the significance of the impacts of EMF as assessed with the Norfolk Boreas Environmental Statement (ES) for the following reasons: 1. The normal operating voltage of the export cables will not increase from those consented i.e. the normal operating voltage will remain at +/-320kV. Therefore, there would be no increase in the levels of EMF generated. 2. Since the EIA was undertaken the Applicant has reached agreement with cable owners to reduce the number of cable crossings by cutting many out of service telecommunication cables. Therefore, there will be less instances where the cables will be above the seabed level and therefore less chance of harm





Party	Date of Correspondence	Format	Summary of Consultee's submission	Applicant's Response
				caused by or detection of EMF by benthic or fish species than those assessed and reported in the ES. 3. The findings highlighted by EIFCA in their submission were extrapolated from experiments using ex-situ conditions of a laboratory, with EMF fields far greater than those likely to be experienced in-situ around offshore renewable subsea export cables. 4. There is a growing evidence base showing in situ EMF levels generated from marine energy cables to be lower than that assumed in the ES. Further evidence to support these points is provided in Appendix 6.
5. Historic England	07 June 2022	Letter	Historic England accept the explanation provided that there will be no changes and have no further comment or other advice to offer.	No response required
6. Marine Management Organisation (MMO)	10 June 2022	Letter	The MMO has no objection to the amendments proposed in the NMC application.	No response required
7. Ministry of Defence (MoD)	9 June 2022	Letter	Consultation provided with the DIO submission (see line 2 above)	See summary of Applicant's Response for DIO in line 2 above.
8. National Air Traffic Services (NATS) En- Route Safeguarding	23 May 2022	Email	The reduction in turbine numbers does not alter NATS's position and we will continue to work with the Applicant in respect of the mitigation measures required to support the scheme.	Noted
9. National Federation of Fishermen's Organisations (NFFO)			No response submitted	No response required
10. Natural England (NE)	10 June 2022	Emaîl	Natural England conclude that providing the changes are in strict accordance with the details of the application for a non- material change submitted, it can be	No response required





Party	Date of Correspondence	Format	Summary of Consultee's submission	Applicant's Response
			excluded that the non-material change application will have a significant effect on any SAC, SPA or Ramsar site, either individually or in combination with other plans or projects.	
11. North Norfolk District Council	+	4	No response submitted	No response required
12. Royal Society for Protection of Birds (RSPB)	-	-	No response submitted	No response required
13. The Crown Estate	1 June 2022	Letter	The Crown Estate raised no objection to the NMC Application	No response required
14. Trinity House (TH)	8 June 2022	Email	Trinity House raised no objection to the NMC Application.	No response required
15. VisNED			No response submitted	No response required





Appendix 1 Letter to BEIS submitting the NMC Application



James Dawkins
Department for Business, Energy and Industrial Strategy
Energy Infrastructure Planning
1 Victoria Street
London
SW1H 0ET

25 April 2022

The Norfolk Boreas Offshore Wind Farm Order 2021

Application for a Non-material Change (removal of maximum export capacity and reduction in turbine numbers)

The Norfolk Boreas Offshore Wind Farm Order 2021 (the **Order**) granted consent on 10 December 2021 for the development of an offshore wind farm located approximately 73km from the coast of Norfolk (at the closest point) (the **Project**). The Project, located in the southern North Sea, covers an area of approximately 725km². Offshore cables transmitting power from the Project make landfall south of Happisburgh. From there underground cables continue approximately 60km to an onshore project substation, and connect into the National Grid substation near Necton, Norfolk.

On 17 December 2021, Norfolk Vanguard East Limited entered into an agreement for lease with The Crown Estate in respect of (i) part of the wind farm array area and (ii) the cable corridor. Therefore, for the purposes of paragraphs 2(6) and 2(7) of Schedule 6 to the Planning Act 2008, Norfolk Boreas Limited and Norfolk Vanguard East Limited both hold an interest in the land to which the Order relates. For the avoidance of doubt this non-material change application does not seek a change to any order limits and does not relate to the Norfolk Vanguard offshore windfarm.

As holders of an interest in the land, Norfolk Boreas Limited and Norfolk Vanguard East Limited (the **Applicant**) hereby apply for a non-material change to the Norfolk Boreas Offshore Wind Farm Order 2021 (the **Application**) in accordance with the Infrastructure Planning (Changes to, and Revocation of, Development Consent Orders) Regulations 2011 (as amended) (**2011 Regulations**).

The Application seeks to remove the limit on the maximum generating capacity for the Project. It also seeks a reduction in turbine numbers from 158 to 137. These amendments are sought to allow the Project to benefit from continuing technological developments in the offshore wind industry and to further reduce the costs of energy produced by the Project to the consumer in line with government policy. On 27 June 2019, following advice from the Committee on Climate Change, the UK Government announced a new carbon reduction 'net zero' target for 2050 which resulted in an amendment to the Climate Change Act 2008; the target for the net UK carbon account for 2050 changed from 80% to 100% below the 1990 baseline. The Energy White Paper, Powering our Net Zero Future, was published on 14 December 2020. The white paper puts net zero and the UK government's effort to fight climate change at its core, following the Prime Minister's Ten Point Plan for a Green Industrial Revolution. Facilitating an increase in the capacity of the Norfolk Boreas Wind Farm will further the contribution of the project to the government's goals and further assist in the fight against climate change.

The Application does not seek any changes to the onshore elements of the Project.

A separate application will be made to the Marine Management Organisation (MMO) to vary the Deemed Marine Licences in line with the changes in this Application.

In accordance with Regulation 4 of the 2011 Regulations, we enclose copies of the documents outlined below:

1. SUPPORTING STATEMENT

- 1.1 This document includes:
 - 1.1.1 The details of the proposed non-material change to the Order as prescribed by the 2011 Regulations;

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- 1.1.2 An explanation as to why the proposed change is considered non-material; and
- 1.1.3 Considers whether the changes sought would give rise to likely significant effects on the environment or would adversely affect the integrity of any protected site forming part of the National Site Network.
- 1.2 A copy of the Supporting Statement will also be sent to the MMO in support of the separate application to vary the Deemed Marine Licences.

2. THE DRAFT AMENDMENT ORDER

2.1 The enclosed draft Amendment Order sets out the amendments proposed to the Order to reflect the changes sought.

3. A TRACK CHANGES VERSION OF THE ORDER

3.1 This document highlights, in tracked changes, the proposed amendments to the Order.

4. A TRACKED CHANGES VERSION OF THE DEEMED MARINE LICENSES

4.1 As a separate, parallel, application is being made to the MMO to vary the Deemed Marine Licences (DMLs), a copy of the DMLs with the proposed changes shown in tracked changes, has been enclosed for reference.

5. A COPY OF THE NEWSPAPER NOTICE REQUIRED BY REGULATION 6 OF THE 2011 REGULATIONS (NOTICE)

- 5.1 Notice of the Application will be published in the following newspapers as required by Regulation 6 of the 2011 Regulations:
 - Fishing News; and
 - Eastern Daily Press.

A copy of the Notice is enclosed with this Application. The Regulation 7A consultation and publicity statement will follow after the second newspaper notice advertising the making of the Application has been published. This statement will confirm that the Applicant has consulted on the Application in accordance with Regulations 6 and 7 of the 2011 Regulations.

The Applicants confirm that the application fee of £6,891.00, as required by Regulation 5 of the 2011 Regulations has been processed for payment to BEIS.

For ease of reference, we also enclose a checklist at Schedule 1 to this letter, setting out all of the information required by Regulation 4(2) of the 2011 Regulations.

We would be grateful if you would acknowledge safe receipt of this letter and its enclosures.

If you have any questions or require clarification on the content of this letter or accompanying information, please do not hesitate to contact us.

Yours sincerely



Ruari Lean

AC 172533358 2 2



Norfolk Boreas Project Manager

Enclosures:

- The Supporting Statement;
 The draft Amendment Order;
 The tracked changes version of the Order;
 The tracked changes version of the Deemed Marine Licences; and
 The newspaper notice as required by Regulation 7 of the 2011 Regulations.

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SCHEDULE 1

Checklist of details required by Regulation 4(2) of the 2011 Regulations

Regulation	Requirement	Response
4(2)(a)	Name and address of applicant	Norfolk Boreas Limited and Norfolk Vanguard East Limited both of 5th Floor 70, St Mary Axe, London, United Kingdom, EC3A 8BE
4(2)(b)	Name and address of an agent, if appointed	N/A
4(2)(c)	The Secretary of State's reference for the development consent order to which the application relates	The Norfolk Boreas Offshore Wind Farm Order 2021 (S1 2021/1414) PINS reference: EN010087
4(2)(d)	Details of the change being applied for	The Application seeks to make a non-material change to remove the limit on the maximum export capacity and reduce the number of turbines from 158 to 137. The Application does not seek any changes to the onshore elements of the Project.
4(2)(e)	Any documents and plans considered necessary to support the application	A Supporting Statement, draft Amendment Order, a copy of the Order with the proposed amendments shown in tracked changes and a copy of the newspaper notice are enclosed.
		The Secretary of State is requested to confirm that the above documents are sufficient for determination of the Application.
4(2)(f)	A statement as to the status of the applicant, as referred to in regulation 4(2)(f)(i) and (ii)	Norfolk Boreas Limited is the applicant who originally applied for the Order and Norfolk Vanguard East Limited has an interest in part of the wind farm array and cable corridor following a transfer of the leasehold interest on 17 December 2021 from Norfolk Boreas Limited.
4(2)(ff)	The consultation and publicity statement referred to in regulation 7A	This will be provided to the Department of Business, Energy and Industrial Strategy after the second newspaper notice advertising the making of the Application has been published.
4(2)(g)	Details of the applicant's interest in the land	The Applicant has an agreement with The Crown Estate for the lease of the necessary seabed.
4(2)(h)	If requested by the Secretary of State, 3 paper copies of the application and other supporting documents and plans	The Planning Inspectorate confirmed paper copies of the Application are not required.

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Appendix 2 Letter to BEIS requesting confirmation of the reduced list of consultees



James Dawkins
Department for Business, Energy and Industrial
Strategy
Energy Infrastructure Planning
1 Victoria Street
London
SW1H 0ET
Copy to the Planning Inspectorate

Norfolk Boreas Limited and Norfolk Vanguard East Limited 5th Floor, 70 St Mary Axe, London, EC3A 8BE, United Kingdom

The Norfolk Boreas Offshore Wind Farm Order 2021

Proposed Application for a Non-material Change (removal of maximum generating capacity and reduction in turbine numbers)

Regulation 7(3): Request for Consent to Consultation Proposals

The Norfolk Boreas Offshore Wind Farm Order 2021 (the **Order**) granted consent on 10 December 2021 for the development of an offshore wind farm located approximately 73km from the coast of Norfolk (at the closest point) (the **Project**). The Project, located in the southern North Sea, covers an area of approximately 725km². Offshore cables transmitting power from the Project make landfall south of Happisburgh. From there underground cables continue approximately 60km to an onshore project substation, and connect into the National Grid substation near Necton. Norfolk.

On 17 December 2021, Norfolk Boreas Limited transferred part of its interest in the wind farm array and cable corridor to Norfolk Vanguard East Limited. Therefore, for the purposes of paragraphs 2(6) and 2(7) of Schedule 6 to the Planning Act 2008, Norfolk Boreas Limited and Norfolk Vanguard East Limited both hold an interest in the land to which the Order relates.

Norfolk Boreas Limited and Norfolk Vanguard East Limited (the **Applicant**) intends jointly to apply for a non-material change to the Order in accordance with the Infrastructure Planning (Changes to, and Revocation of, Development Consent Orders) Regulations 2011 (as amended) (**2011 Regulations**) (the **Application**).

The Application will seek to remove the limit on the maximum export capacity for the Project. It will also seek a reduction in turbine numbers from 158 to 137. These amendments are sought to allow the Project to benefit from continuing technological developments in the offshore wind industry and to further reduce the cost of energy generated by these projects in line with government policy. On 27 June 2019, following advice from the Committee on Climate Change, the UK Government announced a new carbon reduction 'net zero' target for 2050 which resulted in an amendment to the Climate Change Act 2008; the target for the net UK carbon account for 2050 changed from 80% to 100% below the 1990 baseline. The Energy White Paper, Powering our Net Zero Future, was published on 14 December 2020. The white paper puts net zero and the UK government's effort to fight climate change at its core, following the Prime Minister's Ten Point Plan for a Green Industrial Revolution. Facilitating an increase in the capacity of the Norfolk Boreas Wind Farm will further the contribution of the project to the government's goals and further assist in the fight against climate change. A separate application will be made to the Marine Management Organisation to vary the Deemed Marine Licences in line with the changes in the Application.



It should be noted that no onshore changes to the Project are proposed, nor will any onshore changes be required, as a result of the Application. Notwithstanding this, the requisite notices will be published (as explained below) in local newspapers to bring the Application to the attention of local communities should they wish to make any representation. The Applicant is also continuing to engage with local stakeholders and communities in Norfolk more generally to ensure they are kept informed on the progress and development of the Project as detailed design continues.

Pursuant to Regulation 7(3) of the 2011 Regulations, the Applicant is seeking the Secretary of State's consent to a more focused consultation given the narrow scope of the proposed Application from that carried out in respect of the acceptance of the original application to grant the Order.

Schedule 1 to this letter contains a table listing those consultees that the Applicant proposes to consult on the Application pursuant to Regulation 7 of the 2011 Regulations. Also detailed are consultees that the Applicant does not consider it necessary to consult and a rationale for this is provided. For ease, and where appropriate, consultees have been grouped together where the rationale for not consulting them applies equally. As the changes relate solely to the removal of the limit on generating capacity and a reduction in turbine numbers, they will have limited application or interest to a number of stakeholders and consultees and as such, it is not considered necessary to consult all those persons, bodies or organisations notified of the acceptance of the original application to grant the Order under Section 56 of the Planning Act 2008. This is particularly the case for onshore stakeholders given that no onshore changes to the Project are proposed, or will be required, as a result of the Application. Accordingly, and consistent with other non-material change applications which have sought similar changes, very limited consultation is proposed with onshore stakeholders.

It is intended to submit the Application on 25 April 2022. In order for us to meet that timeframe we would be grateful if the Secretary of State could please confirm approval of the reduced consultee list within Schedule 1 at their earliest convenience.

The Applicant proposes to publish Notice of the Application in accordance with the 2011 Regulations and The Infrastructure Planning (Publication and Notification of Applications etc.) (Amendment) Regulations 2020. This will include publicising the Application for at least two successive weeks in one or more local newspapers and making the Application available on the Planning Inspectorate's website. Schedule 2 sets out the anticipated form of the notice, which is proposed to be published in the following newspapers:

- Fishing News; and
- Eastern Daily Press.

We have copied this correspondence to the Planning Inspectorate.

Please do not hesitate to contact us with any queries or if further information is required.

Yours sincerely,



Ruari Lean



SCHEDULE 1

Table of consultees

List of consultees to be consulted on the proposed non-material change application (the Application) pursuant to regulation 7(3) of the Infrastructure Planning (Changes to, and Revocation of, Development Consent Orders) Regulations 2011 (as amended) (2011 Regulations). Rationale is provided where it is proposed not to consult with consultees.

Section 56 Consultee	Proposed inclusion in Regulation 7 consultation	Rationale
Marine Management Organisation (MMO)	Yes	The MMO was contacted on 21 February 2022 and asked if it wished to be consulted on the Application. On 8 March 2022, the MMO confirmed it wished to be consulted.
Natural England (NE)	Yes	NE was contacted on 21 February 2022 and asked if it wished to be consulted on the Application. On 10 March 2022, NE confirmed it wished to be consulted.
Royal Society for Protection of Birds (RSPB)	Yes	RSPB was contacted on 21 February 2022 and asked if it wished to be consulted on the Application. On 14 March 2022, RSPB confirmed it wished to be consulted.
National Air Traffic Services (NATS) En- Route Safeguarding	Yes	NATS was contacted on 21 February 2022 and asked if it wished to be consulted on the Application. On 28 February 2022, NATS confirmed it wished to be consulted.
Ministry of Defence (MoD)	Yes	The MoD was contacted on 21 February 2022 and asked if it wished to be consulted on the Application. On 22 February 2022, the MoD confirmed it wished to be consulted.
Defence Infrastructure Organisation	Yes	The Defence Infrastructure Organisation was contacted on 21 February 2022 and asked if it wished to be consulted on the Application. On 22 February 2022, the Defence Infrastructure Organisation confirmed it wished to be consulted.
Trinity House (TH)	Yes	TH was contacted on 21 February 2022 and asked if it wished to be consulted on the Application. On 8 March 2022, TH confirmed it wished to be consulted.
Historic England	Yes	Historic England was contacted on 21 February 2022 and asked if it wished to be consulted on the Application. On 22 February 2022, Historic England confirmed it wished to be consulted.
The Crown Estate	Yes	The Crown Estate was contacted on 21 February 2022 and asked if it wished to be consulted on the Application. On 9 March 2022, The Crown Estate confirmed it wished to be consulted.
National Federation of Fishermen's Organisations (NFFO)	Yes	NFFO was contacted on 21 February 2022 and asked if it wished to be consulted on the Application. On 10 March 2022, NFFO confirmed it wished to be consulted.
VisNED	Yes	VisNed was contacted on 21 February 2022 and asked if it wished to be consulted on the Application. On 10 March 2022, VisNed confirmed it wished to be consulted.
Eastern Inshore Fisheries & Conservation Authority (EIFCA)	Yes	The EIFCA was contacted on 21 February 2022 and asked if it wished to be consulted on the Application. On 11 March 2022, the EIFCA confirmed it wished to be consulted.
Civil Aviation Authority (CAA)	No	The CAA was contacted on 21 February 2022 and asked if it wished to be consulted on the Application. On 9 March 2022, the CAA confirmed it did not wish to be consulted.
HM Maritime & Coastguard Agency (MCA)	No	The MCA was contacted on 21 February 2022 and asked if it wished to be consulted on the Application. On 22 February 2022, the MCA confirmed it did not wish to be consulted.

Section 56 Consultee	Proposed inclusion in Regulation 7	Rationale
	consultation	
The Wildlife Trust	No	The Wildlife Trust was contacted on 21 February 2022 and asked if it wished to be consulted on the Application. On 8 March 2022, The Wildlife Trust confirmed it did not wish to be consulted.
Whale and Dolphin Conservation	No	The Whale and Dolphin Conservation was contacted on 21 February 2022 and asked if it wished to be consulted on the Application. On 22 February 2022, the Whale and Dolphin Conservation confirmed it did not wish to be consulted.
Joint Nature Conservation Committee (JNCC)	No	JNCC was contacted on 21 February 2022 and asked if it wished to be consulted on the Application. Whilst JNCC have an offshore interest, statutory functions for offshore renewables matters are delegated to Natural England. As set out above, Natural England is proposed to be consulted on the Application. On 21 February 2022, JNCC confirmed it did not wish to be consulted.
Centre for Environment, Fisheries and Aquaculture Science (Cefas)	No	Cefas was contacted on 21 February 2022 and asked if it wished to be consulted on the Application. On 10 March 2022, Cefas confirmed it did not wish to be consulted.
BBL Technical Ltd	No	Whilst BBL Technical Ltd has an offshore interest, there will be no additional impacts, or impacts of greater significance, on its assets than those described in the ES.
Blue Transmission Sheringham Shoal Limited	No	Whilst Blue Transmission Sheringham Shoal Limited has an offshore interest, there will be no additional impacts, or impacts of greater significance, on its assets than those described in the ES.
Boston Putford	No	Whilst Boston Putford has an offshore interest, there will be no additional impacts, or impacts of greater significance, on its assets than those described in the ES.
British Marine Aggregate Producers Association	No	Whilst the British Marine Aggregate Producers Association has an offshore interest, there will be no additional impacts, or impacts of greater significance, on its operations than those described in the ES.
Chamber of Shipping	No	Whilst the Chamber of Shipping has an offshore interest, there will be no additional impacts, or impacts of greater significance, than those described in the ES. In addition, the MCA and TH will be consulted on shipping and navigational matters.
Cruising Association	No	Whilst the Cruising Association has an offshore interest, there will be no additional impacts, or impacts of greater significance, than those described in the ES.
Dudgeon Offshore Wind Limited	No	Whilst Dudgeon Offshore Wind Limited has an offshore interest, there will be no additional impacts, or impacts of greater significance, on its assets than those described in the ES.
GTT Communications Holdings UK (acquired KPN International)	No	Whilst GTT Communications Holdings UK has an offshore interest, there will be no additional impacts, or impacts of greater significance, on its assets than those described in the ES.
The Secretary of State for Defence	No	Whilst The Secretary of State for Defence has an offshore interest, there will be no additional impacts, or impacts of greater significance, on its operations than those described in the ES.

Section 56 Consultee	Proposed inclusion	Rationale
	in Regulation 7	
	consultation	
Oil and Gas Authority	No	Whilst the Oil and Gas Authority has an offshore interest, there will be no additional impacts, or
		impacts of greater significance, than those described in the ES.
Orsted Hornsea Project Three (UK) Limited	No	Whilst Orsted Hornsea Project Three (UK) Limited has an offshore interest, there will be no
		additional impacts, or impacts of greater significance, on its assets than those described in the
		ES.
P&O Ferries	No	Whilst P&O Ferries has an offshore interest, there will be no additional impacts, or impacts of
		greater significance, on its operations than those described in the ES.
Royal National Lifeboat Institute	No	Whilst the Royal National Lifeboat Institute has an offshore interest, there will be no additional
		impacts, or impacts of greater significance, on its operations than those described in the ES.
Royal Yachting Association	No	Whilst the Royal Yachting Association has an offshore interest, there will be no additional
		impacts, or impacts of greater significance, on yachting activities than those described in the ES.
ScottishPower Renewables	No	Whilst ScottishPower Renewables has an offshore interest, there will be no additional impacts, or
		impacts of greater significance, on its assets than those described in the ES.
Caister inshore Fishermen's Association	No	Whilst the Caister inshore Fishermen's Association has an offshore interest, there will be no
		additional impacts, or impacts of greater significance, regarding fisherman's operations than
		those described in the ES. In addition, the EIFCA and NFFO, which both have fishing interests, will
N. J. N. C. II St. L. L. C. L.		be consulted as identified above, and the Application will also be advertised in Fishing News.
North Norfolk Fishermen's Society	No	Whilst the North Norfolk Fishermen's Society has an offshore interest, there will be no additional
		impacts, or impacts of greater significance, regarding fishermen's operations than those
		described in the ES. In addition, the EIFCA and NFFO, which both have fishing interests, will be
Aviation Consultees, including:	No	consulted as identified above, and the Application will also be advertised in Fishing News. Whilst Aviation Consultees have an offshore interest, there will be no additional impacts, or
Anglia Radar	NO	impacts of greater significance, on their operations than those described in the ES. In addition,
Babcock International		the MOD, Defence Infrastructure Organisation and NATS, which have aviation interests, will be
Babcock international British International Helicopters		consulted as identified above and the MCA and CAA have both confirmed that they do not wish
Bristow Group Inc		to be consulted.
CHC Scotia Helicopters		
Heli Holland Air Service and Technics		
NHV Helicopters		
Shell Helicopters		
Unifly Helicopters		
• Onliny nelicopters	1	

Section 56 Consultee	Proposed inclusion in Regulation 7 consultation	Rationale
 Air Traffic Control The Netherlands (LVNL) Ministerie van Defensie 		
Fishermen	No	Whilst Fishermen have an offshore interest, there will be no additional impacts, or impacts of greater significance, on their operations than those described in the ES. In addition, the EIFCA and NFFO, which both have fishing interests, will be consulted as identified above and the Application will also be advertised in Fishing News.
Transboundary Consultees	No	Whilst Transboundary Consultees have an offshore interest, there will be no additional impacts, or impacts of greater significance, than those described in the ES.
Cable and Pipeline Operators	No	Whilst Cable and Pipeline Operators have an offshore interest, there will be no additional impacts, or impacts of greater significance, on their assets than those described in the ES.
Onshore Consultees		
Broadland District Council	Yes	Broadland District Council was contacted on 21 February 2022 and asked if it wished to be consulted on the Application. On 23 February 2022, Broadland District Council confirmed it wished to be consulted.
North Norfolk District Council	Yes	North Norfolk District Council was contacted on 21 February 2022 and asked if it wished to be consulted on the Application. On 16 March 2022, North Norfolk District Council confirmed it wished to be consulted.
Breckland Council	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. However, as a district council hosting onshore infrastructure, Breckland Council was contacted on 21 February 2022 and asked if it wished to be consulted on the Application. On 22 February 2022, Breckland Council confirmed it did not wish to be consulted.
Norfolk County Council	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. However, as a county council hosting onshore infrastructure, Norfolk County Council was contacted on 21 February 2022 and asked if it wished to be consulted on the Application. On 23 February 2022, Norfolk County Council confirmed it did not wish to be consulted.

Section 56 Consultee	Proposed inclusion in Regulation 7 consultation	Rationale
Adjoining Local Authorities, including: Unitary/District Councils neighbouring District Councils in which the project is located South Norfolk Council West Suffolk Council (formerly two separate district councils: St Edmundsbury District Council and Forest Heath District Council) Great Yarmouth Borough Council Borough Council of King's Lynn & West Norfolk Mid Suffolk District Council Norwich City Council The Broads Authority Unitary/County Councils neighbouring County Councils in which the project is situated Cambridgeshire County Council Suffolk County Council	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
Parish Councils	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
The Environment Agency	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities

Section 56 Consultee	Proposed inclusion	Rationale
	in Regulation 7	
	consultation	
		will be consulted where requested as indicated above. In addition, the Non-material change
		would not affect any marine WFD (Water Framework Directive) water bodies.
Health and Safety Executive	No	The Application does not seek to make, and will not result in, any onshore changes. As such,
		there will be no additional impacts, or impacts of greater significance, than those described in
		the ES. This is true for all onshore aspects including the onshore substation, National Grid
		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
		will be consulted where requested as indicated above.
NHS East of England	No	The Application does not seek to make, and will not result in, any onshore changes. As such,
		there will be no additional impacts, or impacts of greater significance, than those described in
		the ES. This is true for all onshore aspects including the onshore substation, National Grid
		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
		will be consulted where requested as indicated above.
The Historic Buildings and Monuments	No	The Application does not seek to make, and will not result in, any onshore changes. As such,
Commission for England		there will be no additional impacts, or impacts of greater significance, than those described in
		the ES. This is true for all onshore aspects including the onshore substation, National Grid
		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
		will be consulted where requested as indicated above.
Norfolk Fire and Rescue Service	No	The Application does not seek to make, and will not result in, any onshore changes. As such,
		there will be no additional impacts, or impacts of greater significance, than those described in
		the ES. This is true for all onshore aspects including the onshore substation, National Grid
		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
N 6 11 6 1 1 1		will be consulted where requested as indicated above.
Norfolk Constabulary	No	The Application does not seek to make, and will not result in, any onshore changes. As such,
		there will be no additional impacts, or impacts of greater significance, than those described in
		the ES. This is true for all onshore aspects including the onshore substation, National Grid
		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
		will be consulted where requested as indicated above.

Section 56 Consultee	Proposed inclusion in Regulation 7 consultation	Rationale
The Equality and Human Rights Commission	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
AONB Partnership	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
Homes and Communities Agency	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
Homes England	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
National Highways (formerly Highways England)	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
Department for Transport	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid

Section 56 Consultee	Proposed inclusion	Rationale
	in Regulation 7 consultation	
	Consultation	extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
		will be consulted where requested as indicated above.
The Coal Authority	No	The Application does not seek to make, and will not result in, any onshore changes. As such,
•		there will be no additional impacts, or impacts of greater significance, than those described in
		the ES. This is true for all onshore aspects including the onshore substation, National Grid
		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
		will be consulted where requested as indicated above.
The Gas and Electricity Markets Authority	No	The Application does not seek to make, and will not result in, any onshore changes. As such,
(OFGEM)		there will be no additional impacts, or impacts of greater significance, than those described in
		the ES. This is true for all onshore aspects including the onshore substation, National Grid
		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
		will be consulted where requested as indicated above.
Internal Drainage Boards, including:	No	The Application does not seek to make, and will not result in, any onshore changes. As such,
Norfolk Rivers Internal Drainage Board		there will be no additional impacts, or impacts of greater significance, than those described in
East of Ouse Polver and Nar Internal		the ES. This is true for all onshore aspects including the onshore substation, National Grid
Drainage Board		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
The Broads Internal Drainage Board		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
TI C LOD' T	l N	will be consulted where requested as indicated above.
The Canal & River Trust	No	The Application does not seek to make, and will not result in, any onshore changes. As such,
		there will be no additional impacts, or impacts of greater significance, than those described in
		the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
		will be consulted where requested as indicated above.
Public Health England	No	The Application does not seek to make, and will not result in, any onshore changes. As such,
. azaraiti Englana		there will be no additional impacts, or impacts of greater significance, than those described in
		the ES. This is true for all onshore aspects including the onshore substation, National Grid
		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
		will be consulted where requested as indicated above.

Section 56 Consultee	Proposed inclusion in Regulation 7 consultation	Rationale
Norfolk Resilience Forum	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
Forestry Commission - East & East Midlands Area	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
The Commission for Architecture and the Built Environment	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
Department For Business Energy and Industrial Strategy (BEIS)	No	The Secretary of State for BEIS is the decision maker on the Application and as such it is not proposed to separately consult BEIS.
Norfolk Wildlife Trust	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
NHS England	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.

Section 56 Consultee	Proposed inclusion in Regulation 7 consultation	Rationale
East of England Ambulance Service NHS Trust	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
National Highways Historical Railways Estate (formerly Highways England Historical Railways Estate)	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
Network Rail Infrastructure Ltd	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
North Norfolk Clinical Commissioning Group	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
South Norfolk Clinical Commissioning Group	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
West Norfolk Clinical Commissioning Group	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid

Section 56 Consultee	Proposed inclusion in Regulation 7	Rationale
	consultation	
		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
		will be consulted where requested as indicated above.
Office of the Police and Crime	No	The Application does not seek to make, and will not result in, any onshore changes. As such,
Commissioner for Norfolk		there will be no additional impacts, or impacts of greater significance, than those described in
		the ES. This is true for all onshore aspects including the onshore substation, National Grid
		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
		will be consulted where requested as indicated above.
Royal Mail Group	No	The Application does not seek to make, and will not result in, any onshore changes. As such,
		there will be no additional impacts, or impacts of greater significance, than those described in
		the ES. This is true for all onshore aspects including the onshore substation, National Grid
		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
		will be consulted where requested as indicated above.
The Broads National Park	No	The Application does not seek to make, and will not result in, any onshore changes. As such,
		there will be no additional impacts, or impacts of greater significance, than those described in
		the ES. This is true for all onshore aspects including the onshore substation, National Grid
		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
		will be consulted where requested as indicated above.
Anglian Water	No	The Application does not seek to make, and will not result in, any onshore changes. As such,
		there will be no additional impacts, or impacts of greater significance, than those described in
		the ES. This is true for all onshore aspects including the onshore substation, National Grid
		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
		will be consulted where requested as indicated above.
Anglian Water Services Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such,
		there will be no additional impacts, or impacts of greater significance, than those described in
		the ES. This is true for all onshore aspects including the onshore substation, National Grid
		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
		will be consulted where requested as indicated above.

Section 56 Consultee	Proposed inclusion in Regulation 7 consultation	Rationale
Blue Transmission Sheringham Shoal Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
BP plc	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
BPA (UK) Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
British Gas Services Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
British Pipeline Agency Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
BT Group plc	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid

Section 56 Consultee	Proposed inclusion in Regulation 7	Rationale
	consultation	
		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
		will be consulted where requested as indicated above.
Cadent Gas Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such,
		there will be no additional impacts, or impacts of greater significance, than those described in
		the ES. This is true for all onshore aspects including the onshore substation, National Grid
		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
		will be consulted where requested as indicated above.
Dudgeon Offshore Wind Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such,
		there will be no additional impacts, or impacts of greater significance, than those described in
		the ES. This is true for all onshore aspects including the onshore substation, National Grid
		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
		will be consulted where requested as indicated above.
Eastern Power Networks plc	No	The Application does not seek to make, and will not result in, any onshore changes. As such,
		there will be no additional impacts, or impacts of greater significance, than those described in
		the ES. This is true for all onshore aspects including the onshore substation, National Grid
		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
		will be consulted where requested as indicated above.
Last Mile Electricity Limited (formerly	No	The Application does not seek to make, and will not result in, any onshore changes. As such,
Energetics Electricity Limited)		there will be no additional impacts, or impacts of greater significance, than those described in
		the ES. This is true for all onshore aspects including the onshore substation, National Grid
		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
1 . At C 1: :: 1/6 1 5		will be consulted where requested as indicated above.
Last Mile Gas Limited (formerly Energetics	No	The Application does not seek to make, and will not result in, any onshore changes. As such,
Gas Limited)		there will be no additional impacts, or impacts of greater significance, than those described in
		the ES. This is true for all onshore aspects including the onshore substation, National Grid
		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
		will be consulted where requested as indicated above.

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Energy Assets Networks Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
Leep Utilities (formerly Energy Assets Pipelines Limited)	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
Energy Assets Power Networks Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
BUUK Infrastructure (formerly trading under ENI Group)	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
ES Pipelines Ltd	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
ESP Electricity Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid

Section 56 Consultee	Proposed inclusion	Rationale
	in Regulation 7	
	consultation	
		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
		will be consulted where requested as indicated above.
ESP Connections Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such,
		there will be no additional impacts, or impacts of greater significance, than those described in
		the ES. This is true for all onshore aspects including the onshore substation, National Grid
		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
		will be consulted where requested as indicated above.
ESP Network Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such,
		there will be no additional impacts, or impacts of greater significance, than those described in
		the ES. This is true for all onshore aspects including the onshore substation, National Grid
		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
		will be consulted where requested as indicated above.
ESP Pipelines Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such,
		there will be no additional impacts, or impacts of greater significance, than those described in
		the ES. This is true for all onshore aspects including the onshore substation, National Grid
		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
		will be consulted where requested as indicated above.
Everything Everywhere Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such,
		there will be no additional impacts, or impacts of greater significance, than those described in
		the ES. This is true for all onshore aspects including the onshore substation, National Grid
		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
		will be consulted where requested as indicated above.
Fulcrum Pipelines Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such,
		there will be no additional impacts, or impacts of greater significance, than those described in
		the ES. This is true for all onshore aspects including the onshore substation, National Grid
		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
		will be consulted where requested as indicated above.

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	consultation	
Fulcrum Electricity Assets Ltd	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
Eclipse Power Networks (formerly G2 Energy IDNO Limited)	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
GTC Pipelines Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
Harlaxton Energy Networks Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
Harlaxton Gas Networks Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
Hutchinson 3G UK Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid

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	consultation	
		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
		will be consulted where requested as indicated above.
Independent Pipelines Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such,
		there will be no additional impacts, or impacts of greater significance, than those described in
		the ES. This is true for all onshore aspects including the onshore substation, National Grid
		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
		will be consulted where requested as indicated above.
Independent Power Networks Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such,
		there will be no additional impacts, or impacts of greater significance, than those described in
		the ES. This is true for all onshore aspects including the onshore substation, National Grid
		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
		will be consulted where requested as indicated above.
Indigo Pipelines Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such,
		there will be no additional impacts, or impacts of greater significance, than those described in
		the ES. This is true for all onshore aspects including the onshore substation, National Grid
		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
		will be consulted where requested as indicated above.
Interconnector (UK) Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such,
		there will be no additional impacts, or impacts of greater significance, than those described in
		the ES. This is true for all onshore aspects including the onshore substation, National Grid
		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
		will be consulted where requested as indicated above.
Leep Electricity Networks Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such,
		there will be no additional impacts, or impacts of greater significance, than those described in
		the ES. This is true for all onshore aspects including the onshore substation, National Grid
		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
		will be consulted where requested as indicated above.

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LNG Portable Pipeline Services Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
Mobile Broadband Network Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
Mua Electricity Limited (formerly Murphy Power Distribution Limited)	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
Mua Gas Limited (formerly Murphy Gas Networks Limited)	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
National Grid Electricity Transmission Plc	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
National Grid Gas Plc	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid

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		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
National Grid plc	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
Norfolk Vanguard Limited	No	Norfolk Vanguard Limited is being developed strategically by Vattenfall, which is the parent company for both Norfolk Boreas Limited and Norfolk Vanguard Limited. The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
Npower Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
Openreach Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
Oranje Nassau Energie	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in

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	consultation	
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
		will be consulted where requested as indicated above.
Orsted Hornsea Project Three (UK) Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities
		will be consulted where requested as indicated above.
Peel Electricity Networks Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
Perenco UK Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
Quadrant Pipelines Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
Scotland Gas Networks Plc	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.

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Scira Offshore Energy Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
Shell International Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
Southern Gas Networks Plc	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
Tampnet AS	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
Telefonica UK Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
The Electricity Network Company Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid

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	in Regulation 7 consultation	
		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
		will be consulted where requested as indicated above.
The Mid-Norfolk Railway Preservation	No	The Application does not seek to make, and will not result in, any onshore changes. As such,
Trust		there will be no additional impacts, or impacts of greater significance, than those described in
		the ES. This is true for all onshore aspects including the onshore substation, National Grid
		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
		will be consulted where requested as indicated above.
The National Trust For Places of Historic	No	The Application does not seek to make, and will not result in, any onshore changes. As such,
Interest or Natural Beauty		there will be no additional impacts, or impacts of greater significance, than those described in
		the ES. This is true for all onshore aspects including the onshore substation, National Grid
		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
		will be consulted where requested as indicated above.
Transmission Capital Partners GP Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such,
		there will be no additional impacts, or impacts of greater significance, than those described in
		the ES. This is true for all onshore aspects including the onshore substation, National Grid
		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
		will be consulted where requested as indicated above.
Tullow Oil plc	No	The Application does not seek to make, and will not result in, any onshore changes. As such,
		there will be no additional impacts, or impacts of greater significance, than those described in
		the ES. This is true for all onshore aspects including the onshore substation, National Grid
		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
		will be consulted where requested as indicated above.
UK Power Distribution Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such,
		there will be no additional impacts, or impacts of greater significance, than those described in
		the ES. This is true for all onshore aspects including the onshore substation, National Grid
		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
		will be consulted where requested as indicated above.

Section 56 Consultee	Proposed inclusion in Regulation 7	Rationale
	consultation	
UK Power Networks Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
Utility Assets Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
Utility Distribution Networks Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
Virgin Media Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
Vattenfall Networks Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.
Vodafone Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid

Section 56 Consultee	Proposed inclusion	Rationale
	in Regulation 7 consultation	
	consultation	and a second all address and a second and infrared and the second and the second and the second in the second and the second in the second and the second an
		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
Wales and West Utilities Ltd		will be consulted where requested as indicated above.
wales and west Utilities Ltd	No	The Application does not seek to make, and will not result in, any onshore changes. As such,
		there will be no additional impacts, or impacts of greater significance, than those described in
		the ES. This is true for all onshore aspects including the onshore substation, National Grid
		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
Makes Manager and Allies and	NI-	will be consulted where requested as indicated above.
Water Management Alliance	No	The Application does not seek to make, and will not result in, any onshore changes. As such,
		there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid
		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
		will be consulted where requested as indicated above.
Saltfleetby Energy Limited (formerly	No	The Application does not seek to make, and will not result in, any onshore changes. As such,
Wingas Storage UK Limited)	140	there will be no additional impacts, or impacts of greater significance, than those described in
Willgas Storage OK Littlited)		the ES. This is true for all onshore aspects including the onshore substation, National Grid
		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
		will be consulted where requested as indicated above.
WLMA Group Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such,
Transfer and a second		there will be no additional impacts, or impacts of greater significance, than those described in
		the ES. This is true for all onshore aspects including the onshore substation, National Grid
		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
		will be consulted where requested as indicated above.
Zayo Group UK Limited	No	The Application does not seek to make, and will not result in, any onshore changes. As such,
		there will be no additional impacts, or impacts of greater significance, than those described in
		the ES. This is true for all onshore aspects including the onshore substation, National Grid
		extension and all other onshore infrastructure. Notwithstanding this, notices will be published in
		the Eastern Daily Press to inform local communities of the Application and host Local Authorities
		will be consulted where requested as indicated above.

Section 56 Consultee	Proposed inclusion in Regulation 7 consultation	Rationale
Landowners or people with an interest in the onshore Order Land (section42(1)d))	No	The Application does not seek to make, and will not result in, any onshore changes. As such, there will be no additional impacts, or impacts of greater significance, than those described in the ES. This is true for all onshore aspects including the onshore substation, National Grid extension and all other onshore infrastructure. Notwithstanding this, notices will be published in the Eastern Daily Press to inform local communities of the Application and host Local Authorities will be consulted where requested as indicated above.



SCHEDULE 2

Draft Newspaper Notice

SECTION 153 OF THE PLANNING ACT 2008 REGULATION 6 OF THE INFRASTRUCTURE PLANNING (CHANGES TO, AND REVOCATION OF, DEVELOPMENT CONSENT ORDERS) REGULATIONS 2011 NOTICE OF APPLICATION TO MAKE A NON-MATERIAL CHANGE TO THE FOLLOWING DEVELOPMENT CONSENT ORDER:

THE NORFOLK BOREAS OFFSHORE WIND FARM ORDER 2021 (S1 2021/1414)

- An application has been made by Norfolk Boreas Limited and Norfolk Vanguard East Limited (the Applicant) to the Secretary of State for Business, Energy and Industrial Strategy to make a non-material change to the Norfolk Boreas Offshore Wind Farm Order 2021 (the Order)
 (Application). The contact details of the Applicant are: Norfolk Boreas Limited and Norfolk Vanguard East Limited, both of, 5th Floor 70, St Mary Axe, London, United Kingdom, EC3A 8BE and info@norfolkboreas.co.uk.
- 2. The Order granted consent on 10 December 2021 for the development of an offshore wind farm located approximately 73km from the coast of Norfolk (at the closest point) (the **Project**). The Project, located in the southern North Sea, covers an area of approximately 725km². Offshore cables transmitting power from the Project make landfall south of Happisburgh. From there underground cables continue approximately 60km to an onshore project substation, and connect into the National Grid substation near Necton, Norfolk.
- The Application seeks to make a non-material change to remove the limit on the maximum export capacity for the Project. It will also seek a reduction in turbine numbers from 158 to 137. The Application does not seek to make any onshore changes to the Project.
- 4. The Application documents can be accessed free of charge electronically at the National Infrastructure Planning Portal (under Norfolk Boreas, Documents, Documents Published By Stage "Decided", Non-Material Change): https://infrastructure.planninginspectorate.gov.uk/projects/eastern/norfolk-boreas.
- 5. The latest date that these documents will be available for inspection is 23:59 on Friday 10 June 2022.
- 6. Any enquiries on the documents can be sent to the Applicant by emailing the Stakeholder Engagement Team on info@norfolkboreas.co.uk or by calling 0800 019 3517. Paper copies can be requested from the Applicant by emailing 0800 019 3517 but will be subject to a maximum charge of £150 for each copy.
- 7. To benefit the environment, it is preferable for any representation about the application to be sent by email to the Planning Inspectorate at NorfolkBoreas@planninginspectorate.gov.uk. Alternatively, in writing to: National Infrastructure Planning, The Planning Inspectorate, Temple Quay House, 2 The Square Temple Quay Bristol BS1 6PN. The Planning Inspectorate reference for the Application (EN010087) should be quoted in any correspondence. If you have difficulty in submitting a representation by email, please contact NorfolkBoreas@planninginspectorate.gov.uk or 0303 444 5000 and a member of the Planning Inspectorate's case team will be able to assist.
- 8. Please note that any representations received by the Planning Inspectorate in response to the consultation will be handled in compliance with the United Kingdom's General Data Protection Regulation and published on the relevant page of the Planning Inspectorate's Infrastructure Planning Portal (https://infrastructure.planninginspectorate.gov.uk/projects/eastern/norfolk-boreas/) with all personal information removed.
- The deadline for the receipt of representations in relation to the Application is 23:59 on Friday 10
 June 2022.

Norfolk Boreas Limited and Norfolk Vanguard East Limited

AC_172530998_1





Appendix 3 Newspaper notices

Eastern Daily Press

Since 1870

£450 jubilee prize to toast the Queen





Seven-night family holiday



£50 worth of fuel

17,000 drivers speed through our villages

Police campaign targets rural law breakers



Community Speed Watch volunteers registered almost 17,000 drivers going over the speed limit in 2021.

A fresh crackdown on speeding in Norfolk's villages is being launched as figures reveal almost 17,000 drivers were clocked over the limit.

Getting tough on law breakers and improving road safety has been made a key priority in the new policing plan of Norfolk police and crime commissioner Giles Orpen-Smellie.

Last year the county's volunteer Community Speed Watch groups, mainly in small towns and villages, clocked 16,962 speeding motorists – the equivalent of 46 a day.

SIMON PARKIN

Mr Orpen-Smellie said public meetings had put speeding as being among the main antisocial behaviours in rural areas.

'Locals want speeding motorists, particularly in rural villages, to be tackled so those people who are out walking their dogs, riding bicycles or horses, or walking their children to school can feel safer," he said.

Full story: Page 7







LOCATIONS ACROSS NORWICH

ALSO AT KING'S LYNN, GORLESTON, **GT. YARMOUTH & LOWESTOFT**

Conditions of Acceptance of Advertisements

IMPORTANT: These Conditions contain an indemnity if You breach Your wairanties to Us.

1. General 1.1. These Conditions apply to any achertisement which You have asked Us to publish an Your behalf in a Title (the "Advertisement") and by making such an ofter (an "Order") You agree to be bound by finese Conditions in that respect. 1.2. These Conditions override any terms stoulated by You on order forms or elsewhere unless We accept those terms in willing. If we do so, these Conditions will apply accept to the extent that they are inconsistent with anything so agreed.

2. Definitions

"We' and "Us' means, and 'Our' refers to, the Company which is the publisher of the Title in which You have asked Us to publish Your Advertisement.

"Ittle" means any publication or Websits which We publish.

"Ittle" means any publication or Websits which We publish.

"Vour' means, and "Your' refers to, the prenor plooning the Order with Us and where that person is an advertising or other agency placing the Advertisement or bahalf of their client that agency agrees that if has placed the Order as principal.

3. Orders.

3. Orders
3.1 We may insist on You submitting Your Order in writing and I We do so You 3.1. We may insist on You submitting Your Order until We receive it in writing. If We

3.1. We may insist on You submitting Your Critice in writing and I year of an Invited an Invited an Invited to the Invited Proceed to have placed an Order until We receive it in writing. If We do not insist that You submit Your Order in writing it is deemed to be placed when the Initial Order is made, subject to the terms and conditions below. If You deliver

copy instructions to Us. We may treat this as an Order unless it is clearly marked

as 'not constituting en Order". 3.2: We will notify You if We do not accept Your Order willtin 3 working days of

Order

3.3 We are not obliged to accept Your Order or to publish any Advertisement placed by You and cannot guarantee insertion, special position, the date or the classification of any such Advertisement, or the distribution of the Title. We will not be liable for any loss or damage incurred as a result of Our failure in these respects. We may reject any Order (in whole or path prort of any) publication case but will have no further liability.

3.4. We may carry broward an Advertisement not inserted to the next suitable issue of a fifth.

issue of a Title.

35. If You place an Order but fail to provide copy/artwork by the publication deadline, We may repeat any provious nilovant Advertisement from You for which We have copy, or use a filter, and charge You the full price of Your Order in any

4.1. You confirm andwarrant to Us that the copy You provide and the publication by Us of an Advertisement pursuant to an Order will.

• be legal, decent, henest and runfluir,

• oot result in a breach of any reterrant Code of Practice, including other provisions of the Arivertising Standards Code of Practice.

• not breach any legislation:

• not be defarmatory.

• pot leftice.

not infringe any copyright, trademarks or other legal rights of any person or company and that You have received any cossent needed to refer to or portray people (expressly or impliedly) in the Advertisement.

when appearing on any Alchant Webste will not contain hyperlinks or metalags

4.2. You agree;

 to indemnify Us in respect of all costs, damages and other charges We incur or

The most interest of the second of publication of any Advertisement pursuant to Your Order where there is a bleach of any warranty given by You to Us;

and to be in threach of contract in relation to the Order/Advertisement:

I hat We may store, reproduce and distribute copy retailing to any Advertisement.

including by electronic means:
• that We may without notice or warning destroy any box office correspondence or communication received in response to an Advertisement which We think it

or communication received in response to an Adventisement minds the inappropriate to deliver;

• that We accept no liability in respect of any loss or damage alleged to have arean though delay in forwarding or omitting to forward negles to box immediate the advertises flowerer cause) even continued to the advertises flowerer cause) even delay of the many order/Advertisement or any response to any of them We receive lincluding passing on Your details).

• that We may record and use Your details to perform Our obligations under these Conditions and publish Your Advertisement (including by passing them to other group companies and/or sub-contractors are reasonably necessary to do so):

• I You are an agency acting for a claim, that We may provide a proof of the Adventisement direct to the client for approval by whatever means We deem accordable.

You about future advertising opportunities which We believe may be of interest to

hat any material submitted by You is held by Us at Your own risk and should

ad by You against loss or damage from what ever cause. We reserve the destroy without notice all such property after the date of its last

inking to the advertiser's own Website unless express prior permission has bee

ted by Archant.

Agricultural Machinery Holiday Homes for Sale

SHEPHERDS Hut For ale, 21ft x 8ft brand new should generate £500 per week when sited, bargain

Poultry & Livestock

Laying hens

and POL pullets

POL Pullets, Goldline

Fully Vaccinated.

property

To Advertise

Accommodation To Let

ALWAYS WANTED

Current properties include

City bedsits inc bills £99 pw

Unthank Rd rooms£99 pw

St Augustines St 2 bed £695

Mousehold Ave 3 bed £795

WENSUM PROPERTIES

Property Wanted

WANTED holiday Chalet.

Removals & Storage

TWO buildings for storage/

light industrial use. Just south of Norwich with

very good road access.

California Cliffs, needing

nsum-properties.co.uk

CAOS

Britannia Rd 1 bed...

Thorpe Rd 1 hed.

Costessey flat.

Personal RETIRED businessman seeks similar age. permanent relationship.

Brandon

Massage

Lily's Chinese Massage Deep Tissue Massage Neck and Back problems dealt with

NEEVE at premier massage

Kings Lynn



CENTLEMEN IN BECCLES FOR APPOINTMENT CAL Lizzie o

TOTAL relaxation massag telephone Marie, Lowestoft Appointment



Personal Services

CLOUD NINE Ultimate sensual massage Female therapist Wisbech

Call Suzv

agriculture To Advertise

Agricultural

TG ASKEW

All Grades of road planings, Aggregates crushed concrete and hardcore, Type 1, Silica sand, 40/20 clean granite Chapped rubber for horse ménages. Top soil all grades (4/20 mm).

pantiles floor



Cars For Sale

WANTED Low Mileage Genuine Cars with Service History **Top Prices Paid** JOHN FAIR CLOTH IT

Cars Wanted

£250 - £1000 any complete cars

Full licence Oak St Car Spares

ALL cars and vans wanted.

Nch

£10,000.

MIN £300 FOR ANY COMPLETE CAR

all Failed/Scrap cars. full E.A. licence, Prof/Prompt.

£0-1000 **ALL UNWANTED CARS** with or without MOT 07788 108314

CARS & MOTORCYCLES

£200 MINIMUM PAID FOR RUNNERS & UP TO £2000. VANS, BOATS AND CARAVANS ALSO BOUGHT.

J W RECYCLING



£0-£1000 + All Vehicles Wanted WE WON'T BE **BEATEN ON PRICE**

£300 PAID Fully Licensed Compliny

Sunnyside Auto Sules

WE DON'T BUY ANY CAR! **BUT WE DO URGENTLY REQUIRE GOOD CLEAN CARS AND 4X4's** 2010----2017

MUST BE GENUINE AND WITH FSH INSTANT DECISION AND PAYMENT DIRECT TO YOUR BANK

Trailers & Tow Bars **TRAILERS**

Large spares department, full repair and servicing facilities. New and used trailers in stock.

Mid Norfolk Canopies and Trailers

Accessories & Spares

MOTOR Cycle Jacket as new £35

LICENSING ACT 2003

APPLICATION FOR A PREMISES
LICENCE (Section 17)
Notice is hereby given that 8 & M Retail Limited
has applied to East Suffelk Council for the grant

Notice is hereby given that 8 & M Retail Limited has applied to East Stullok Council for the grant of a Premisee Licence in respect of B&M Home Store. Tower Read. Lowestoft, Suffok NRS3. 7NG to allow off sales of alcohol and opening hours from 0700 to 230 07 days a week. This application may be viewed at East Sulfak. House, Ridung Park, Station Road Melton, Woodshidon, Sulfak Pt 1817 or East Sulfak. House, Ridung Park, Station Road Melton, Woodshidon, Sulfak Pt 1817 or East Sulfak. Council, East Sulfak. Council East Sulfak. Council Sulfak Council Counc

connection with an application and the maximum fire for which a person is liable on summary conviction for the offence is unlimited.

to sell your things

KEYSTONE LAW Solicitors

Legal and Public Notices

tom sold his

dino toys in: classified ads

(DEVELOPMENT MANAGEMENT PROCEDURE) ORDER 2015 - ARTICLE 15 and PLANNING (LISTED BUILDINGS AND CONSERVATION

Community at heart

Adjacent 56 Shreeve Road, Biofield, NR13 4JP (Reason a) 20220555 Repairs/renovation to balustrade walls (Listed Building) at Taverham Park,

Langley Prep At Taverham Hall, Ringland Road, Taverham, NR8 6HU (Reason e) 20120589 Replacement of 2 x sash windows at Bethany, 17 Station Road, Foulsham,

20120391 Reserved Matters application for appearance, scale, landscaping and layout following Outline Planning Permission 2015/1770 (as amended by 575 Permission 2017/1514 (for up to 1000 dwellings)), for phase 3 comprising 138 divellings and associated works including open space, sustainable urban drainage systems at The Norwich Colf Club, Drayton High Road, Hellesdon, NR6 SAH (Reasons b and)

20220584 Replacement windows with like for like as existing at Ferry Farmhouse. 85 Ferry Road, Woodbastwick, NR15 6HN (Reason e)

20220596 & 20220699 Extensions & alterations to rear of dwelling, comprising removal of bay window & replacement grangery. & removal of conservatory & replacement bay window (Revised Proposal) at Westfield Farm, Foxley Road, Foulsham, NR20 5RH (Reasons c & e)

the character and/or appearance of a Conservation Area: (e) is for Listed Bullding Consent. (g) affects a Public Right of Way. (h) is of Local Interest (i) is an El application accompanied by an Environmental Statement or a Subsequent

or online at www.broadland.gov.uk/plans by inserting the relevant application number

ensure that they are received by post, email or online within 21 days from the f this Notice (in respect of applications advertised for reason (a) to (h) or within 30 days for any application advertised for reason (i)). Comments should include the Application Number and be made to the Assistant Director – Planning, Thorpe Lodge, Yarmouth Road, Thorpe St Andrew Norwich NR7 ODU, to planning@broadland.gov.uk or via the website. See the privacy ment on our website for details about how we use your information

In the event that planning permission is refused for an application and an appeal is subsequently lodged then any representations received will be forwarded to the Planning Inspectorate

Helen Mellors, Assistant Director - Planning

SECTION 153 OF THE PLANNING ACT 2008

REGULATION 6 OF THE INFRASTRUCTURE PLANNING (CHANGES TO, AND REVOCATION OF DEVELOPMENT CONSENT ORDERS) REGULATIONS 2011 NOTICE OF APPLICATION TO MAKE A NON-MATERIAL CHANGE TO

THE NORFOLK BOREAS OFFSHORE WIND FARM ORDER 2021 (S1 2021/1414)

An application has been made by Norfolk Boreas Limited and Norfolk Vanguard East Limited (the Applicant) to the Secretary of State for Business, Energy and Industrial Strategy to make a non-material change to the Norfolk Boreas Offshore Wind Farm Order 2021 (the Order) (Application). The contact details of the Applicant are: Norfolk Boreas Limited and Norfolk Vanguard East Limited, both of, 5th Floor 70, St Mary Axe, London, United Kingdom, EC3A 8BE and info@norfolkboreas.co.uk.

The Order granted consent on 10 December 2021 for the development of an offshore wind farm located approximately 73km from the coast of Norfolk (at the closest point) (the Project). The Project, located in the southern North Sea, covers an area of approximately 725km2. Offshore cables transmitting power from the Project make landfall south of Happisburgh. From there underground cables continue approximately 60km to an onshore project substation, and connect into the National Grid substation near Necton, Norfolk.

The Application seeks to make a non-material change to remove the limit on the maximum export capacity for the Project. It will also seek a reduction in turbine numbers from 158 to 137. The Application does not seek to make any onshore changes to the Project.

The Application documents can be accessed free of charge electronically at the National Infrastructure Planning Portal (under Norfolk Boreas, Documents, Documents Published By Stage "Decided", Non-Material Change): https://infrastructure.planninginspectorate.gov.uk/ projects/eastern/norfolk-boreas.

The latest date that these documents will be available for inspection is 23:59 on Friday 10 June 2022. Any enquiries on the documents can be sent to the Applicant by emailing the Stakeholder Engagement Team on info@norfolkboreas.co.uk or by calling 0800 019 3517. Paper copies can be requested from the Applicant by emailing into@norfolkboreas.co.uk but will be subject to a maximum charge of £150 for each copy,

To benefit the environment, it is preferable for any representation about the application to be sent by email to the Planning Inspectorate at NorfolkBoreas@planninginspectorate.gov.uk. Alternatively, in writing to: National Infrastructure Planning, The Planning Inspectorate, Temple Quay House, 2 The Square Temple Quay Bristol BS1 6PN. The Planning Inspectorate reference for the Application (EN010087) should be quoted in any correspondence. If you have difficulty in submitting a representation, please contact NorfolkBoreas@planninginspectorate.gov.uk or 0303 444 5000 and a member of the Planning Inspectorate's case team will be able to assist.

Please note that any representations received by the Planning Inspectorate in response to the consultation will be handled in compliance with the United Kingdom's General Data Protection Regulation and published on the relevant page of the Planning Inspectorate's Infrastructure Planning Portal (https://infrastructure.planninginspectorate.gov.uk/projects/eastern/norfolk-boreas/) with all personal information removed.

The deadline for the receipt of representations in relation to the Application is 23:59 on Friday 10

Norfolk Boreas Limited and Norfolk Vanguard East Limited

TOWN AND COUNTRY PLANNING

AREAS) REGULATIONS 1990 - REGULATION 5

Broadland

The following applications have been submitted to the Council:

20220500 Change of use of agricultural land to residential garden space at Land

Dereham, NR205RD (Reason d & e)

Reasons for advertisement are as follows: (a) contrary to the development plan; (b) major development; (c) affects the setting of a Listed Building; (d) affects

The applications and accompanying plans can be inspected at Thorpe Lodge, Yarmouth Road, Thorpe St Andrew, Norwich NR7 000 during normal office hours

Anyone who wishes to make representations about these app

aspearance in an advertisement unless You have given written instructions to the contrary.

5. Cancellation

comrary. • hat You acknowledge that We shall have no liability for any variation of up to 10% in the final published size of any advertisement.

THE FOLLOWING DEVELOPMENT CONSENT ORDERS

5. Cancellation
5.1. We are not obliged to scoop a carcollollor request (which We may require to be made in writing). All magazine cancellations must be made in writing a least see calendar month jiefor to the publication date. All other cancellations should be made within four working days of publication.
5.2. If We accept a sancellation for part of a series of Advertisements. We may surcharge You for any insertions in that series which are not cancelled.
6. Artwork

Surcharge role or any instruction.

6.4. Artwork.

6.1. We retain copyright (and any other intellectual property rights) in all Our athwork, copyr and other materials in any Advertisement (even if combined with any of You copyright meetinast). In addition, You agree that We own, the copyright in the typographical arrangement of all Advertisements. No copy in any form will be returned unless agreed in writing by Us at the time of placing the

treer.

2. We will not be liable for accidental loss or damage to Your copy, including twork and gholographs, in any format. Accordingly, Our liability for non-cidental damage to Your copy will be limited to the value of the medium in lich they are embodied.

Errors, omissions or inaccuracies in Advertisements
 We will not be liable for:

any error (including but not limited to spelling and (ext errors), misplint, isocurecy or anisasan in Advertsements, a proof of which has been repred by

any array (including but not limited to epilling and lext arrays), misplint, naccuracy or omission in an Advertisement, if that error is notified to Us more than one week after its publication:

any error (including but not limited to spelling and text errors) misplint;

Inaccuracy or ormission in a second or subsequent Advertisement in a series,

• any error (including but not limited to spelling and text errors) inspirit,
inaccuracy or ormission in an Advertisement which does not detraig from the
essence of that Advertisement.

7.2. Where We acknowledge an error (including out not limited to spelling and lext

estoral misprint, inaccuracy or omisation We will, at Qurichico, afther publish the corrected Advertisement, or issue You a credit note to a value not exceeding the preced the Advertisement and this will be the limit of Quri liability in respect of the error, misprint, inaccuracy or omission.

8-10 r. Inspense.
8.1. Except where We state otherwise, all prices are exclusive of VAT.
8.1. Except where We state otherwise, all prices are exclusive of VAT.
8.2. You will pay for an Advertisement on placing an Order, unless credit terms have been agreed. You will be sent an invoice unless You have pre-paid (er a direct debt arrangement is in place), in which case You will miny be sent an invoice if You requisit one.

Invoice if You requisit one.

8.3. Cradit terms are that payment is due seven days from the date of invoice, unless You apply for, and We grant, a monthly account.

8.4. A query or an item on an invoice issued by Us will not affect the time at which You are liable to pay the real of that or any other invoice issued by Us.

8.5. If You do not pay a sum due to Us by the due date, all sums due by You to Us become pusuable on the due date for the sum not proid and We may suspend further advertising for You and charge You compensation and inverset according to the Late Payment of Commercial Debts (Inferest) Act 1938. 9. Applicable Law

9.1. Nothing in these conditions shall exclude or limit Our liability for death or 5-1. Totaling is index controlled a school or that but adaptive to death or prescoul injury caused by Our negligence, for Our flaud or otherwise to the exemi it would be illegal to do so. 9.2. These Conditions shall be governed by and construed in accordance with this laws of England and Wales.

Eastern Daily Press



Section 153 of the Planning Act 2008

Norfolk Boreas

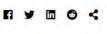
Notice ID: 11138561

DEVELOPMENT CONSENT ORDER:











Take a look inside Great Yarmouth's new £26m Marina Centre

JAMES WEEDS



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Norfolk Boreas Limited and Norfolk Vanguard East Limited

Eastern 1

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New rule may lead to housing chaos



8-page heritage special

Planning authorities now in limbo, says MP

South Norfolk MP Richard Bacon has led the criticism of new planning system rules intended to keep waterways clean by warning it will lead to a free-for-all.

Earlier this month, government advisor Natural England told all Norfolk councils they must not grant planning permission for any schemes involving 'overnight accommodation'

GEORGE THOMPSON Local democracy reporter

george thompson@archant.co.uk

until it could be proved they would not lead to phosphates and other nutrients flowing into the River Wensum and the Broads.

Mr Bacon, pictured, said: "By issuing extra information on water quality, Natural England has succeeded in placing local

planning authorities in a legal limbo where planners' own legal advisers are now telling them to take what is - in my view - an absurdly overcautious approach to issuing planning permissions."

He called on the government to sort the mess out as quickly as possible.

Full story: Page 9

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Broadland

Community at heart AREAS) REGULATIONS 1990 - REGULATION 5 The following applications have been submitted to the Council

20220310 Single storey front extensions to provide new porch & garage & first Floor side extension at Squirrels, Beech Road, Wroxham, NR12 8TP G 20220515 Erection of 2 No dwellings at Old School Playingfield, Green Lane West, Rackheath, NR13 ELU (Reason a)

20220531 Replacement of timber/concrete bollards at Earle Arms Inn. The Street, Heydon, NR11 6AD (Reason c and d)

20220541 Erection of a dwelling & associated change of use of agricultural land to amenity land at Land to the west of Newton Road, Hainford, NR10 3LY (Reason a) 20220524 Variation of planning permission 20081694 as amended by non-materia amendment 20211998 to revise the plans & elevations for conversion of stockhouse to dwelling & erection of building to house ground source heat pump at Manor Farm Barns, Stock House, The Green, Freethorpe, NR13 3NY (Reason c)

20220543 Remove existing garden shed where garage is to be located, erect new detached garage and remove rear conservatory roof and walls and re-build as garden room at Trees, § Banningham Road, Aylsham, NR11 6LP (Reason d)

20220519 Demolition of existing dwelling and erection of replacement dwelling (revised application of planning permission 20160282) at Greenways, 5 South Walk, home End. NR13 SBJ (Reason d)

20220561 Change of use of agricultural building to dwellinghouse at Barns adjacent to Hall Farm, Reepham Road, Little Witchingham, NR9 5NY (Reason c) 20220544 & 20220545 Erection of a single story extension to rear of property and en suite shower room in existing building (revised proposal) at White House, 128 Old Norwich Road, Horsham St Falth, NR10 3JE (Reasons C, d & e)

20220639 20m monopole mast with headframe accommodating 6 No antennas 2 No dish (1No 300mm; 1No 600mm), 4 No cabinets and all ancillary development

at WS Lusher and Son Ltd.Lushers Loke, Norwich, NR7 8TH (Reason In) 20220498 Change of use of agricultural land to residential garden space at Lind Adjacent 39 Shreeve Road, Blofield, NR13 4JP (Reason a)
20220573 Variation of condition 3 of 20211972 to allow cocktail and tapas bar to be

open Monday-Sundays, 12:00-25:00 at 11 Red Lion Street, Aylsham, NR11 6ER

20220598 Open porch extension, extending across front of garage and front entrance at 40 Bircham Road, Reepham, NR10 4ND (Reason di

20220526 Replacement of swimming pool roof at Langley Prep At Tayerham Hall, Ringland Road, Taverham, NR8 6HU (Reason c)

20220655 Proposed argiva smart metering. 1No. omni at 11.83m mean mounted on proposed 10m streetworks pole. 1No. GPS Antenna at 10.4m mean mounted on proposed 10m streetworks pole. 1No. 3C omni at 3.8m mean mounted on proposed 10m streetworks pole. Proposed argiva smart metering equipment enclosure to be installed on a root foundation. Proposed 8 No. 550mm high posts to match existing to be installed in front of equipment at land at Cantley Village Hall, Marior Road, Cantley, NR13 3SD (Reason h)

Reasons for advertisement are as follows: (a) contrary to the development plan; (b) major development. (c) affects the setting of a Listed Building; (d) affects the character and/or appearance of a Conservation Area; (e) is for Listed Building Consent; (g) affects a Public Right of Way; (h) is of Local Interest (i) is an EIA application accompanied by an Environmental Statement or a Subsequent Application The applications and accompanying plans can be inspected at Thorpe Lodge. Yarmouth Road, Thorpe St Andrew, Norwich NR7 ODU during normal office hours or online at www.broadland.gov.uk/plans by inserting the relevant application number Anyone who wishes to make representations about these applications should ensure that they are received by cost, email or online within 21 days from the

date of this Notice Comments should include the Application Number and be made to the Assistant Director - Planning, Thorpe Lodge, Yarmouth Road, Thorpe St Andrew, Norwich NR7 0DJ, to planning@broadland.gov.uk or via the webste. See the privacy statement on our website for details about how we use your

in the event that planning permission is refused for an application and an appeal is subsequently lodged then any representations received will be forwarded to the Planning inspectorate.

Helen Mellors Assistant Director - Planning

anythina!

Request for Assistance

We are a specialist firm of solicitors currently acting in relation to abuse by John Foxley who worked at the Bracondale School, Norwich.

If you recall Foxley and/or have any information regarding your experiences or events you witnessed, please contact Siobhán Crawford at Bolt Burdon Kemp LLP

as you may be able to assist with

ongoing cases.



Bolt Burdon Kemp LLP is a licensed law practice authorised and regulated by the SRA [ID: 816764]

Section 153 of the Planning Act 2008

REGULATION 6 OF THE INFRASTRUCTURE PLANNING (CHANGES TO, AND REVOCATION OF, DEVELOPMENT CONSENT ORDERS) REGULATIONS 2011 NOTICE OF APPLICATION TO MAKE A NON-MATERIAL CHANGE TO THE FOLLOWING DEVELOPMENT CONSENT ORDER:

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Norfolk Boreas Limited and Norfolk Vanguard East Limited

JOHN PATRICK DALY (Deceased)

JOHN PATRICK DALY (Deceased)
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belone 27/06/2022, after which clair the
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have had notice.

Spire Solicitors LLP, The Pines, 50 Connaught Road, Atteborough, GB, NR17 2BP (Ref.D16022-0004)



Eastern Daily Press



Section 153 of the Planning Act 2008

Norfolk Boreas

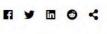
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ANS PRESS FAROE ON RU

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Faroese government team in London visit



Faroese prime minister Bárður á Steig Nielsen meeting UK minister Michael Gove, in one of a series of meetings held last week in Westminster.

A team from the Faroe Islands government was in London last week. led by Faroe PM Bárður á Steig Andy Read

As Fishing News has highlighted in recent weeks,

a population of just 56,000, have generated huge controversy over a number of issues. As well as licensing trawlers to fish for blue whiting in the shared UK/Faroe

zone, the islands continue to support Russian whitefish trawlers and klondykers, as well as utilising Russian fish for fishmeal

plants. The Faroe government delegation had a series of meetings in Westminster at ministerial level, and with the all-party Farce Islands group, which is chaired by SNP MP Angus MacNeil. Whilst the

situation regarding continued Faroese support for the Russian fishing industry was high on the agenda, UK concerns about the traditional slaughter of dolphins, known as the Grind, were also raised. The 2021 Grind saw 428 dolphins killed in a single international outers Turn to page 2 for the full story.

Scots vessels survey shared pelagic stocks



A The crew of the Altaire deploying a plankton the mackerel stock. Working in beautiful conditions, the survey transects brought the vessel into full sight of the Russian fleet currently working in the joint Faroe/UK zone.

Two Scottish pelagic vessels were last week towing gear of a very different kind to

that they are used to, reports Andy Read. Working with Marine Scotland, the midwater trawler Altaire LK 429 was undertaking the major mackerel egg

survey, towing a small plankton recorder. Towing along transects that started northeast of Shetland, through St Kilda and down towards the Irish coast. the survey passed

Faroe/UK zone This gave the Altaire

through the shared

crew plenty of time to witness at first hand the activities of both the Russian and Icelandic pelagic freezer trawler fleets, issued with licences by the Faroe government, and additional quota courtesy of the unilateral increase that Faroe awarded itself, against all scientific advice.

Meanwhile, the Fraserburgh vessel Resolute BF 50 was participating in a Cefas trawl survey, to support assessment of the Atlanto-Scandian herring stock, which is also subject to dispute between the FU. UK and Norway on the one



Mackerel eggs! The size, development stage and densities of the eggs recovered are used by scientists to help estimate the size of the mackerel stock.

Not to be outdone, the crew of the Resolute were also plankton sampling, as part of a herring survey that will also involve trawl sampling Crew member John George West prepares

hand, and northern nations led by Faroe and Iceland on the other.

to deploy the small net

used, assisted by a

Cefas scientist.

As with blue whiting, the northern nations have issued themselves with herring TACs above and beyond the historical shares agreed, and both stocks have lost MSC accreditation as a result.



The Fishing News Awards is returning as a live event for 2022, shining a spotlight on the achievements, expertise and innovation of the UK and Irish commercial fishing industries in 2021

- * A drinks reception
- * A superb three-course meal with wine
- ★ Networking★ Socialising until late
- ★ A seat at the awards ceremony, presented by acclaimed Scottish comedian Des Clarke

WHEN: Thursday 12th May 2022
WHERE: The Chester Hotel, Aberdeen, AB15 4YP
WHAT: Tickets can be bought individually or as a table of ten
DRESS CODE: Lounge suits and cocktail dresses

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SECTION 153 OF THE PLANNING ACT 2008 REGULATION 6 OF THE INFRASTRUCTURE PLANNING (CHANGES TO, AND REVOCATION OF, DEVELOPMENT CONSENT ORDERS) REGULATIONS 2011 NOTICE OF APPLICATION TO MAKE A NON-MATERIAL CHANGE TO THE FOLLOWING DEVELOPMENT CONSENT ORDER:

THE NORFOLK BOREAS OFFSHORE WIND FARM ORDER 2021 (S1 2021/1414)

- An application has been made by Norfolk Boreas Limited and Norfolk Vanguard East Limited (the Applicant) to the Secretary of State for Business, Energy and Industrial Strategy to make a non-material change to the Norfolk Boreas Offshore Wind Farm Order 2021 (the Order) (Application). The contact details of the Applicant are: Norfolk Boreas Limited and Norfolk Vanguard East Limited, both of, 5th Floor 70, St Mary Axe, London, United Kingdom, EC3A 8BE and info@norfolkboreas.co.uk.
- The Order granted consent on 10 December 2021 for the development of an offshore wind farm located approximately 73km from the coast of Norfolk (at the closest point) (the Project). The Project, located in the southern North Sea, covers an area of approximately 725km'. Offshore cables transmitting power from the Project make landfall south of Happisburgh. From there underground cables continue approximately 60km to an onshore project substation, and connect into the National Grid substation near Necton, Norfolk.
- The Application seeks to make a non-material change to remove the limit on the maximum export capacity for the Project. It will also seek a reduction in turbine numbers from 158 to 137. The Application does not seek to make any onshore changes to the Project.
- The Application documents can be accessed free of charge electronically at the National Infrastructure Planning Portal (under Norfolk Boreas, Documents, Documents Published By Stage "Decided", Non-Material Change): https://infrastructure.planninginspectorate.gov.uk/projects/eastern/norfolk-boreas.
- The latest date that these documents will be available for inspection is 23:59 on Friday 10 June 2022
- Any enquiries on the documents can be sent to the Applicant by emailing the Stakeholder Engagement Team on info@norfolkboreas.co.uk or by calling 0800 019 3517. Paper copies can be requested from the Applicant by emailing info@norfolkboreas.co.uk but will be subject to a maximum charge of £150 for each copy.
- To benefit the environment, it is preferable for any representation about the application to be sent by email to the Planning Inspectorate at NorfolkBoreas@planninginspectorate.gov.uk. Alternatively, in writing to: National Infrastructure Planning, The Planning Inspectorate, Temple Quay House, 2 The Square Temple Quay Bristol BS1 6PN. The Planning Inspectorate reference for the Application (EN010087) should be quoted in any correspondence. If you have difficulty in submitting a representation, please contact NorfolkBoreas@planninginspectorate.gov.uk or 0303 444 5000 and a member of the Planning Inspectorate's case team will be able to assist.
- Please note that any representations received by the Planning Inspectorate in response to the consultation will be handled in compliance with the United Kingdom's General Data Protection Regulation and published on the relevant page of the Planning Inspectorate's Infrastructure Planning Portal (https://infrastructure.planninginspectorate.gov.uk/projects/eastern/norfolk-boreas/) with all personal information
- The deadline for the receipt of representations in relation to the Application is 23:59 on Friday 10 June 2022. Norfolk Boreas Limited and Norfolk Vanguard East Limited

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We're looking for someone who is experienced in working with fisheries and is excited by the chance to support UK & Irish fisheries in their sustainability journey and make an impact on the health of our oceans.

The MSC UK & Ireland team is searching for a Senior Fisheries Outreach Officer, to help us deliver our core MSC outreach program in the UK and be a key component of the team that delivers Project UK, a network of Fishery Improvement Projects (FIPs) operating across the seas around the United Kingdom.

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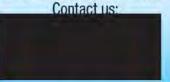
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PUBLIC NOTICES

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- An application has been made by Norfolk Boreas Limited and Norfolk Vanguard East Limited (the **Applicant**) to the Secretary of State for Business, Energy and Industrial Strategy to make a non-material change to the Norfolk Boreas Offshore Wind Farm Order 2021 (the **Order**) (**Application**). The contact details of the Applicant are: Norfolk Boreas Limited and Norfolk Vanguard East Limited, both of, 5th Floor 70, St Mary Axe, London, United Kingdom, EC3A 8BE and info@norfolkboreas.co.uk.
- The Order granted consent on 10 December 2021 for the development of an offshore wind farm located approximately 73km from the coast of Norfolk (at the closest point) (the **Project**). The Project, located in the southern North Sea, covers an area of approximately 725km². Offshore cables transmitting power from the Project make landfall south of Happisburgh. From there underground cables continue approximately 60km to an onshore project substation, and connect into the National Grid substation near Necton, Norfolk.
- The Application seeks to make a non-material change to remove the limit on the maximum export capacity for the Project. It will also seek a reduction in turbine numbers from 158 to 137. The Application does not seek to make any onshore changes to the Project.
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- The deadline for the receipt of representations in relation to the Application is 23:59 on Friday 10 June 2022. Norfolk Boreas Limited and Norfolk Vanguard East Limited

MARINE MANAGEMENT ORGANISATION

Marine and Coastal Access Act 2009

Four byelaws prohibiting certain fishing gears within South Dorset Marine Conservation Zone (MCZ), Dogger Bank Special Area of Conservation (SAC) and in specified areas within The Canyons MCZ and Inner Dowsing, Race Bank and North Ridge SAC will come into force on June 13 2022

Formal consultation happened between 1 February and 28 March 2021 on proposed management measures to manage fishing within four MPAs in the English offshore region. The byelaws have now been made by the MMO and confirmed by the Secretary of State.

The purpose of the byelaws is to protect the designated features of the sites.

The purpose of the byelaws is to protect the designated features of the sites.

The byelaw for The Canyons MCZ will protect cold-water coral reefs, coral gardens, sea-pen and burrowing megafauna communities and deep-seabed from bottom towed fishing gears and anchored nets and lines in

The byelaw for Dogger Bank SAC will protect sandbanks from bottom towed fishing gears, including den seines and semi-pelagic trawls, throughout the whole of the SAC.

The byelaw for Inner Dowsing, Race Bank and North Ridge SAC will protect sandbanks and biogenic reef from bottom towed fishing gears, including demersal seines, in specified areas. It will also protect biogenic reef from static fishing gears in specified areas.

The byelaw for South Dorset MCZ will protect, circalittoral rock and subtidal chalk from bottom towed fishing gears throughout the whole of the MCZ. Copies of the bylaws and associated documents, including maps and coordinates of the areas are available

on www.gov.uk/guidance/marine-conservation-byelaws, by calling 0300 123 1032 or by emailing conservation@marinemanacement.orc.uk. arinemanagement.org.uk.

Copies of the bylaws may also be inspected at any MMO office. Due to the on-going COVID-19 situation, please contact MMO using the details below if you wish to inspect a copy of the bylaws at an MMO office: Email: conservation@marinemanagement.org.uk Telephone: 0300 123 1032

In writing: Marine Conservation Team, Marine Management Organisation, Lancaster House, Newcastle upon Tyne NE4 7YH









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PUBLIC NOTICE: SECTION 153 OF THE PLANNING ACT 2008

26th April 2022



Section 153 Of The Planning Act 2008

Regulation 6 of the infrastructure planning (changes to, and revocation of, development consent orders) regulations 2011

Notice of application to make a non-material change to the following development consent order: The Norfolk Boreas offshore wind farm order 2021 (S1 2021/1414)

- 1. An application has been made by Norfolk Boreas Limited and Norfolk Vanguard East Limited (the Applicant) to the Secretary of State for Business, Energy and Industrial Strategy to make a non-material change to the Norfolk Boreas Offshore Wind Farm Order 2021 (the Order) (Application). The contact details of the Applicant are: Norfolk Boreas Limited and Norfolk Vanguard East Limited, both of, 5th Floor 70, St Mary Axe, London, United Kingdom, EC3A 8BE and info@norfolkboreas.co.uk.
- 2. The Order granted consent on 10 December 2021 for the development of an offshore wind farm located approximately 73km from the coast of Norfolk (at the closest point) (the Project). The Project, located in the southern North Sea, covers an area of approximately 725km2. Offshore cables transmitting power from the Project make landfall south of Happisburgh. From there underground cables continue approximately 60km to an onshore project substation, and connect into the National Grid substation near Necton, Norfolk,
- 3. The Application seeks to make a non-material change to remove the limit on the maximum export capacity for the Project. It will also seek a reduction in turbine numbers from 158 to 137. The Application does not seek to make any onshore changes to the Project.
- 4. The Application documents can be accessed free of charge electronically at the National Infrastructure Planning Portal (under Norfolk Boreas, Documents, Documents Published By Stage "Decided", Non-Material Change): https://infrastructure.planninginspectorate.gov.uk/projects/eastern/norfolk-boreas.
- 5. The latest date that these documents will be available for inspection is 23:59 on Friday 10 June 2022.
- 6. Any enquiries on the documents can be sent to the Applicant by emailing the Stakeholder Engagement Team on info@norfolkboreas.co.uk or by calling 0800 019 3517. Paper copies can be requested from the Applicant by emailing 0800 019 3517 but will be subject to a maximum charge of £150 for each copy.
- 7. To benefit the environment, it is preferable for any representation about the application to be sent by email to the Planning Inspectorate at NorfolkBoreas@planninginspectorate.gov.uk. Alternatively, in writing to: National Infrastructure Planning, The Planning Inspectorate, Temple Quay House, 2 The Square Temple Quay Bristol BS1 6PN. The Planning Inspectorate reference for the Application (EN010087) should be quoted in any correspondence. If you have difficulty in submitting a representation by email, please contact NorfolkBoreas@planninginspectorate.gov.uk or 0303 444 5000 and a member of the Planning Inspectorate's case team will be able to assist.
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- 9. The deadline for the receipt of representations in relation to the Application is 23:59 on Friday 10 June 2022

Norfolk Boreas Limited and Norfolk Vanguard East Limited

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Appendix 4 Letter inviting stakeholder consultation



Consultee Name Consultee Organisation

25 April 2022

The Norfolk Boreas Offshore Wind Farm Order 2021

Application for a Non-material Change (removal of maximum export capacity and reduction in turbine numbers)

Norfolk Boreas Limited and Norfolk Vanguard East Limited (the **Applicant**) has submitted an application to the Department for Business, Energy and Industrial Strategy (**BEIS**) seeking a non-material change to the Norfolk Boreas Offshore Wind Farm Order 2021 (the **Application**) in accordance with the Infrastructure Planning (Changes to, and Revocation of, Development Consent Orders) Regulations 2011 (as amended) (**2011 Regulations**). The Norfolk Boreas Offshore Wind Farm Order 2021 (the **Order**) granted consent on 10 December 2021 for the development of an offshore wind farm located approximately 73km from the coast of Norfolk (at the closest point) (the **Project**). The Project, located in the southern North Sea, covers an area of approximately 725km². Offshore cables transmitting power from the Project make landfall south of Happisburgh. From there underground cables continue approximately 60km to an onshore project substation, and connect into the National Grid substation near Necton, Norfolk.

On 17 December 2021, Norfolk Vanguard East Limited entered into an agreement for lease with The Crown Estate in respect of (i) part of the wind farm array area and (ii) the cable corridor. Therefore, Norfolk Boreas Limited and Norfolk Vanguard East Limited both hold an interest in the land to which the Order relates and are making this Application as a joint applicant.

The Application seeks to remove the limit on the maximum export capacity for the Project. It also seeks a reduction in turbine numbers from 158 to 137. These amendments are sought to allow the Project to benefit from continuing technological developments in the offshore wind industry and to further reduce the costs of energy produced by the Project to the consumer in line with government policy. On 27 June 2019, following advice from the Committee on Climate Change, the UK Government announced a new carbon reduction 'net zero' target for 2050 which resulted in an amendment to the Climate Change Act 2008; the target for the net UK carbon account for 2050 changed from 80% to 100% below the 1990 baseline. The Energy White Paper, Powering our Net Zero Future, was published on 14 December 2020. The white paper puts net zero and the UK government's effort to fight climate change at its core, following the Prime Minister's Ten Point Plan for a Green Industrial Revolution. Facilitating an increase in the capacity of the Norfolk Boreas Wind Farm will further the contribution of the project to the government's goals and further assist in the fight against climate change.

The Supporting Statement for the Application concludes that the proposed amendments will not result in any new or materially different likely significant effects from those described in the original Environmental Statement and will not adversely affect the integrity of any protected site forming part of the National Site Network.

The Application does not seek any changes to the onshore elements of the Project.

A separate application is being made to the Marine Management Organisation (MMO) to vary the Deemed Marine Licences in line with the changes in this Application.

In order to assist your consideration of the Application, we enclose copies of the documents outlined below:

AC_172644799_1

1. SUPPORTING STATEMENT

- 1.1 This document includes:
 - 1.1.1 The details of the proposed non-material change to the Order as prescribed by the 2011 Regulations;
 - 1.1.2 An explanation as to why the proposed change is considered non-material; and
 - 1.1.3 Considers whether the changes sought would give rise to likely significant effects on the environment or would adversely affect the integrity of any protected site forming part of the National Site Network.
- 1.2 A copy of the Supporting Statement will also be sent to the MMO in support of the separate application to vary the Deemed Marine Licences.

2. THE DRAFT AMENDMENT ORDER

2.1 The enclosed draft Amendment Order sets out the amendments proposed to the Order to reflect the changes sought.

3. A TRACK CHANGES VERSION OF THE ORDER

3.1 This document highlights, in tracked changes, the proposed amendments to the Order.

4. A TRACKED CHANGES VERSION OF THE DEEMED MARINE LICENSES

4.1 As a separate, parallel, application is being made to the MMO to vary the Deemed Marine Licences (DMLs), a copy of the DMLs with the proposed changes shown in tracked changes, has been enclosed for reference.

5. A COPY OF THE NEWSPAPER NOTICE REQUIRED BY REGULATION 6 OF THE 2011 REGULATIONS (NOTICE)

- 5.1 Notice of the Application is being published as required by Regulation 6 of the 2011 Regulations, and pursuant to Regulation 7(1) of the 2011 Regulations, a copy of the Notice is enclosed for your information.
- Any representation about the Application should be sent by email to the Planning Inspectorate at NorfolkBoreas@planninginspectorate.gov.uk. Alternatively, representations can be sent to the Planning Inspectorate in writing to: National Infrastructure Planning, The Planning Inspectorate, Temple Quay House, 2 The Square Temple Quay Bristol BS1 6PN. The Planning Inspectorate's reference for the Application (EN010087) should be quoted in any correspondence. If you have difficulty in submitting a representation by email, please contact NorfolkBoreas@planninginspectorate.gov.uk or 0303 444 5000 and a member of the Planning Inspectorate's case team will be able to assist you.
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5.4 The deadline for the receipt of representations in relation to the Application is 23:59 on Friday 10 June 2022.

We would be grateful if you would acknowledge safe receipt of this letter and its enclosures.

If you have any questions or require clarification on the content of this letter or accompanying information, please do not hesitate to contact us.

AC_172644799_1 2

Yours sincerely



Ruari Lean

Norfolk Boreas Project Manager

Enclosures:

- The Supporting Statement;
 The draft Amendment Order;
 The tracked changes version of the Order;
 The tracked changes version of the Deemed Marine Licences; and
 The newspaper notice as required by Regulation 7(1) of the 2011 Regulations.

AC_172644799_1 3





Appendix 5 Redacted copies of representations

Broadland District Council

From: To: Cc: Subject: Date: Attachm

Wind Farm Order 2021 - Non-material change

The Norfolk Boreas Offsl 10 June 2022 16:58:42 image001.jpg image002.jpg image003.jpg image004.jpg image005.jpg image007.jpg

Dear Sir/Madam

The Norfolk Boreas Offshore Wind Farm Order 2021

Application for a Non-material Change (removal of maximum export capacity and reduction in turbine numbers) in accordance with the Infrastructure Planning (Changes to, and Revocation of, Development Consent Orders) Regulations 2011 (as amended) (2011 Regulations).

I can confirm on behalf of Broadland District Council that we have no comments to make in respect of the proposed non-material amendment as the application does not seek any changes to the onshore elements of the project.

Your sincerely Claire Curtis

Claire Curtis (Mrs)

Defence Infrastructure Organisation



Jon Wilson
Senior Safeguarding Manager
Ministry of Defence
Safeguarding Department
Defence Infrastructure Organisation
St George's House
DIO Head Office
DMS Whittington
Lichfield
Staffordshire WS14 9PY

Telephone: E-mail:

Application Reference: EN010087

Our Reference: DIO 10039925

National Infrastructure Planning The Planning Inspectorate Temple Quay House 2 The Square Temple Quay Bristol BS1 6PN

9th June 2022

Dear Sir/Madam,

The Norfolk Boreas Offshore Wind Farm Order 2021 (as amended) Application for a Nonmaterial Change

<u>Infrastructure Planning (Changes to, and Revocation of, Development Consent Orders)</u> <u>Regulations 2011 (as amended) (2011 Regulations) (Application)</u>

I write to confirm the safeguarding position of the Ministry of Defence (MOD) in relation to the above application to make a non-material change to the Development Consent Order (DCO) granted in 2021.

The application seeks to make changes to the parameters relating to the wind turbine generators that will feature in the development. The changes sought are to:

- Remove the limit on the maximum export capacity of the wind farm;
- reduce the maximum, total number of wind turbines that can be built in this development from 158 to 137.

The MOD has assessed the impacts of the changes proposed.

The changes sought will not physically impact upon MOD offshore Danger and Exercise Areas or adversely affect defence maritime navigational interests.

The turbines and some of the tall ancillary offshore structures will affect military low flying training activities that may be conducted in this area. The need for this development to be fitted with

aviation warning lighting was identified in relation to the original application and the amended DCO includes a relevant Requirement 12 – Aviation Safety.

Wind turbines have been shown to have detrimental effects on the operation of air defence radar. These include the desensitisation of the radar in the vicinity of wind turbines, and the creation of "false" aircraft returns. The probability of the radar detecting aircraft flying over or in the locality of the turbines would be reduced, hence turbine proliferation within a specific locality can result in unacceptable degradation of the radar's operational integrity. This would reduce the RAF's ability to detect and manage aircraft in United Kingdom sovereign airspace, thereby preventing it from effectively performing its primary function of Air Defence of the United Kingdom.

In relation to the operation of defence radars, it has been determined that the proposed wind farm will be in line of sight and detectable to the air defence radar currently located at Remote Radar Head (RRH) Trimingham ("air defence radar").

Our assessments have determined that the proposed wind farm will cause unacceptable and unmanageable interference to the effective operation of this air defence radar.

The impact of the development upon the operation of the air defence radar and the need for this to be mitigated has been recognised by the applicant.

Requirement 13 (Ministry of Defence surveillance operations) as included in the DCO granted for this development, defines a requirement for the provision of a mitigation to address the impacts the development will have on the air defence radar at RRH Trimingham.

The MOD is relocating the air defence radar currently located at RRH Trimingham on MOD land at RAF Neatishead, Norfolk which will establish RRH Neatishead. This is scheduled to be completed before the consented Norfolk Boreas offshore wind farm becomes operational.

When the air defence radar is relocated and operated from RRH Neatishead the consented Norfolk Boreas offshore wind farm will continue to be will be in line of sight and detectable to this air defence radar causing unacceptable and unmanageable interference.

Therefore, there remains a requirement for this air defence radar to be mitigated to address the impacts that this development will cause.

In view of the forthcoming relocation of the air defence radar, the MOD considers it appropriate that the wording of Requirement 13 is revised to replace the reference to RRH Trimingham with RRH Neatishead. The amended version of this Requirement proposed is included at Annex A below.

It should also be noted that since the DCO was granted the Defence Infrastructure Organisation Head Office has been relocated. As such all references to the "Defence Infrastructure Organisation Safeguarding" included in the DCO should be amended to replace the postal address currently included with that detailed below:

St George's House DIO Head Office DMS Whittington Lichfield Staffordshire WS14 9PY

I have amended the address for the Defence Infrastructure Organisation included in the text of Requirement 13 at Annex A accordingly.

I can therefore confirm that, the MOD maintains no safeguarding objection to this non-material amendment application subject to the retention of Requirements 12 and 13 in any amended DCO that may be issued for this development and that the wording of Requirement 13 is amended as set out in Annex A below.

I trust this clarifies our position on this consultation. Please do not hesitate to contact me should you wish to consider these points further.

Yours faithfully,

Jon Wilson Senior Safeguarding Manager

Annex A

Aviation safety

- **12.**—(1) The undertaker must exhibit such lights, with such shape, colour and character and at such times as are required in writing by Air Navigation Order 2016(**a**) and/or determined necessary for aviation safety in consultation with the Defence Infrastructure Organisation Safeguarding and as directed by the CAA. Lighting installed specifically to meet Ministry of Defence aviation safety requirements must remain operational for the life of the authorised development unless otherwise agreed in writing with the Ministry of Defence.
- (2) The undertaker must notify the Defence Infrastructure Organisation Safeguarding, at least 14 days prior to the commencement of the offshore works, in writing of the following information
 - a) the date of the commencement of construction of the offshore works;
 - b) the date any wind turbine generators are brought into use;
 - c) the maximum height of any construction equipment to be used;
 - d) the maximum heights of any wind turbine generator, meteorological mast, offshore electrical platform and offshore service platform to be constructed; and
 - e) the latitude and longitude of each wind turbine generator, meteorological mast, offshore electrical platform and offshore service platform to be constructed,

and the Defence Infrastructure Organisation Safeguarding must be notified of any changes to the information supplied under this paragraph and of the completion of the construction of the offshore works.

Ministry of Defence surveillance operations

- **13.**—(1) No wind turbine generator forming part of the authorised development is permitted to rotate its rotor blades on its horizontal axis until the Secretary of State having consulted with the Ministry of Defence confirms satisfaction in writing that appropriate mitigation will be implemented and maintained for the life of the authorised development and that arrangements have been put in place with the Ministry of Defence to ensure that the approved mitigation is implemented.
- (2) For the purposes of this requirement—
 - (a) "appropriate mitigation" means measures to prevent or remove any adverse effects which the authorised development will have on the air defence radar at Remote Radar Head (RRH) Neatishead and the Ministry of Defence's air surveillance and control operations;
 - (b) "approved mitigation" means the detailed Radar Mitigation Scheme (RMS) that will set out the appropriate measures and timescales for implementation as agreed with the Ministry of Defence at the time the Secretary of State confirms satisfaction in writing in accordance with paragraph (1); and
 - (c) "Ministry of Defence" means the Ministry of Defence as represented by Defence Infrastructure Organisation Safeguarding, St George's House, DIO Head Office, DMS Whittington, Lichfield, Staffordshire WS14 9PY or any successor body.
- (3) The undertaker must thereafter comply with all other obligations contained within the approved mitigation for the life of the authorised development.

Eastern Inshore Fisheries & Conservation Authority (EIFCA)

Inshore Fisheries and Conservation Authority



Mr. Ruari Lean

Our Ref: Co 2022 05 24-423

01 June 2022

Non-material Change Application for Removal of Maximum Export Capacity Limit on Norfolk Boreas Offshore Windfarm Cables.

Dear Mr. Lean,

Thank you for your invitation to provide comment on the proposed removal of maximum export capacity limits on the Norfolk Boreas offshore wind farm cables as outlined in the application, and for providing Eastern IFCA with the associated documents.

The role of the Eastern IFCA is "to lead, champion and manage a sustainable marine environment and inshore fisheries" in our district, which extends from the Humber to Harwich and six nautical miles out to sea. As the application relates to an area within our district, and given the potential for impacts upon inshore fisheries and habitats, it is considered appropriate for Eastern IFCA to provide comment on the proposal.

In all consultation responses, the Authority assesses applications (and pre-applications) according to the Eastern IFCA vision and adherence of those same applications with policies detailed in the relevant marine plan, as directed under section 58(1) of the Marine and Coastal Access Act 2009. The plans relevant to the Authority's district are the East Inshore and East Offshore Marine Plans. We consider whether proposed developments will have a positive, negative or negligible effect on plan policies related to the IFCA vision to "manage a sustainable marine environment and inshore fisheries". These considerations also enable the IFCA to provide advice in relation to the need to protect the environment, the need to protect human health and the need to prevent interference with other legitimate users of the sea.

East Marine Plan policy considerations:

The Authority has reviewed the associated documents and have considered the extent to which the application addresses the following policies within Eastern IFCA's remit:

BIO 1, MPA 1, FISH 2 - Appropriate weight should be attached to biodiversity taking account of the best available evidence, including on habitats and species that are protected or of conservation concern; Impacts on the overall Marine Protected Area network must be taken account of in strategic level measures and assessments, with due regard given to any current agreed advice on an ecologically coherent network;

Inshore Fisheries and Conservation Authority



Proposals should demonstrate that they will not have an adverse impact upon spawning and nursery areas and any associated habitat.

Within the project there are aspects of potential impacts on features of Marine Protected Areas. We defer to the advice and comments of the relevant Statutory Nature Conservation Body in connection with these potential impacts, except where there may be an interaction with Eastern IFCA core remit.

In this case, the Eastern IFCA core remit pertains to the management of inshore fisheries to support the conservation objectives for the Haisborough, Hammond & Winterton Special Area of Conservation (HHW SAC), which the export cable corridor passes through. EIFCA understand that the developer has taken necessary precautions avoid the *Sabellaria spinulosa* reefs features present within the SAC, and that compensatory measures are being implemented by the developer to offset the impacts of the cable route on the designated features of the MPA. Eastern IFCA do not consider the proposal to remove the maximum export capacity limit for Norfolk Boreas will affect Eastern IFCA's remit to protect designated MPA features from fisheries damage.

However, the agreed cable route passes through areas of sandy and coarse sediment (which are designated sub-features of the subtidal sandbanks SAC feature) both within the SAC as well as further inshore. These habitats are typically colonized by burrowing fauna of worms, crustaceans, bivalve molluscs and echinoderms (JNCC 2022). These habitats also provide important breeding and nursery grounds for young commercially important fish, including European plaice (*Pleuronectes platessa*), common dab (*Limanda limanda*), and sandeel (*Ammodytes* spp.) (Natural England 2018). EIFCA is concerned about the potential impacts of electromagnetic fields (EMF) created by the Norfolk Boreas cables on both commercial and non-commercial species, and how these impacts may increase due to the increased power transmission resulting from the removal of cable export limits.

It is considered that export cables have higher EMF emissions compared to inter turbine cables, with Thomsen *et al.*, (2015) also finding higher EMF values around export cables than around wind turbine bases. While EMF typically dissipates within 10m of the source, it is not explained in the attached documentation how the removal of the export limit may affect the levels of EMF emitted by the export cables.

It is likely that mobile commercial species such as Edible crab (*Cancer pagurus*), European lobster (*Homarus Gammarus*), European plaice (*Pleuronectes platessa*) and Sandeel (*Ammodytes* spp) will encounter sub-sea power cables and thus be exposed

Inshore Fisheries and Conservation Authority



to EMF. Crustacea in particular are known to inhabit areas around offshore cable burial sites, particularly scour protection zones which can act as artificial reefs. Eastern IFCA acknowledge that the effects of EMF on fish and invertebrates are difficult to study, but that there is some evidence of effects. A study by Scott *et al.*, (2018) found that, in aquarium experiments, *C. pagurus* showed an attraction to the source of EMF as well as a reduction in roaming behaviour, alteration of their natural circadian rhythms and disrupted cycles of metabolic markers. This attraction to the source of EMF emission caused the crabs to spend significant amounts of time within the affected area, which, in-situ may come at the cost of time spent foraging for food, seeking mates and finding shelter, potentially leading to higher predation rates, increased death due to starvation and/or decreased number of successful matings.

Additionally, berried female *C. pagurus* move offshore and spend 6–9 months buried with minimal movement and lower feeding rates (Williamson, 1900; Edwards, 1979; Howard, 1982; Naylor et al., 1997). Given this species' proven attraction to EMF sources, incubation of the eggs may take place around areas with increased EMF emissions. Long term studies are therefore needed to investigate the effects of chronic EMF exposure on egg development, hatching success and larval fitness. As larval stages are critical population bottlenecks, any negative effect of EMF on crab larvae will have a drastic effect on the edible crab fishery (Scott et al., 2018). EMF effects on European lobster larvae have also been recorded in laboratory studies; Harsanyi et al (2022) found that exposure to EMF throughout embryonic development resulted in deformities in stage 1 lobster and crabs, specifically decreased carapace height, reduced total length and smaller maximum eye diameters. Lobster larvae exposed to EMF also exhibited reduced swimming abilities. These traits may ultimately affect larval mortality, recruitment and dispersal in European lobsters (Harsanyi et al., 2022) which has the potential to, over time, severely impact the European lobster population within the EIFCA district.

Eastern IFCA therefore recommend the applicant consider undertaking appropriate modelling to calculate the likely EMF emitted from the export cables in the absence of an export limit (if this has not already been done) and/or consider regularly monitoring power transmission from the windfarm and EMF transmission on a regular basis to better understand the relationship between power transmission, cable material and EMF. This would help to inform studies on the effects of EMF on marine organisms and contribute to the very limited evidence base on these interactions. Eastern IFCA understand that the applicant intends to bury the export cables in the seabed, which will have the effect of reducing EMF levels at the seabed compared to surface-laid cables. However, Eastern IFCA is aware of wind farm export cables not remaining buried despite developer's intentions and ask whether additional measures have been considered ensure burial of cables in maintained (which would help minimise increases

Inshore Fisheries and Conservation Authority



in EMF transmission caused by the removal of the export limit) such as increased cable burial depth, cable material, cable layout and sheathing. Eastern IFCA therefore urge that EMF impacts are given full consideration before a decision is made on the removal of maximum export capacity limits.

Hopefully you will find these comments useful, but please contact me should you have any queries on the above response.

Yours sincerely,

Zoe Pearson

Marine Science Officer

Eastern IFCA is continually seeking to improve how we respond to consultations, both in terms of efficiency and meaningful content. Therefore, if any of the points raised in this response are reflected in the license outcome, we would appreciate being informed.

References

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Harsanyi, P., Scott, K., Easton, B.A., de la Cruz Ortiz, G., Chapman, E.C., Piper, A.J., Rochas, C.M. and Lyndon, A.R., 2022. The Effects of Anthropogenic Electromagnetic Fields (EMF) on the Early Development of Two Commercially Important Crustaceans, European Lobster, *Homarus gammarus* (L.) and Edible Crab, *Cancer pagurus* (L.). *Journal of Marine Science and Engineering*, 10(5), p.564.

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Inshore Fisheries and Conservation Authority



Naylor, J.K., Taylor, E.W. and Bennett, D.B., 1997. The oxygen uptake of ovigerous edible crabs (Cancer pagurus)(L.) and their eggs. *Marine & Freshwater Behaviour & Phy*, 30(1), pp.29-44.

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Williamson, H.C., 1900. Contributions to the life-history of the edible crab (Cancer pagurus, Linn.). Fishery Board of Scotland.

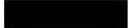
Historic England



National Infrastructure Planning, The Planning Inspectorate, Temple Quay House, 2 The Square Temple Quay Bristol BS1 6PN

Our ref: Your ref: OWF/Boreas

Telephone



7th June 2022

Dear Sir/Madam,

Norfolk Boreas Offshore Wind Farm Order: application for non-material change

We are writing to you following receipt of a letter (dated 25th April 2022), from R. Lean Esq of Norfolk Boreas Ltd, regarding their submission of an application to the Department for Business, Energy and Industrial Strategy for a non-material change to the Norfolk Boreas Offshore Wind Farm Order granted on 10th December 2021.

We understand that the application seeks to remove the limit on the maximum export capacity for the project and to reduce Wind Turbine Generators from 158 to 137. We note that these proposed changes are within the consented enveloped that was assessed within the Environmental Statement (ES) and that no change to these parameters is proposed as part of the Non-Material Change application or associated Deemed Marine Licence variations.

We have considered the information provided within Tables 1 and 2 within the *Norfolk Boreas Offshore Wind Farm DCO Non-Material Change Supporting Statement* (Reference: PB5640.008.0015; Date: April 2022; Revision: Version 1) and we are prepared to accept the explanation provided that there will be no changes to the foundations' sizes or in the installation methods from those previously assessed within the ES. We therefore have no further comment or other advice to offer.

Yours sincerely,

Dr Christopher Pater Head of Marine Planning





Marine Management Organisation (MMO)



Marine Licensing
Lancaster House
Hampshire Court
Newcastle Upon Tyne
NE4 7YH

T +44 (0)191 376 2791 www.gov.uk/mmo

Norfolk Boreas
Planning Inspectorate
norfolkboreas@planninginspectorate.gov.uk
(Email only)

Planning Inspectorate reference: EN010087

MMO reference: DCO/2017/00002

10 June 2022

Dear Sir or Madam,

Non-Material Change Application to the Norfolk Boreas Offshore Wind Farm Order 2021

On 25 April 2022 the Marine Management Organisation (MMO) received notice that Norfolk Boreas Limited (NBL) have submitted a non-material change application to The Department for Business, Energy and Industrial Strategy (BEIS) to make changes to the Norfolk Boreas Offshore Wind Farm Order 2021. The changes to the development consent order (DCO) as amended are in relation to the offshore works for Norfolk Boreas Offshore Wind Farm only. This document comprises the MMO's comments in respect of this non-material change application.

The non-material changes being sought are as follows:

- The removal of the maximum electrical export capacity of the development authorised by the Order.
- A reduction in the number of wind turbine generators used from 158 to 137.

The MMO has no objection to the amendments proposed in the non-material change application.

Conclusion

- 1. The MMO has no objection to the removal of the maximum electrical export capacity of the development.
- 2. The MMO has no objection to the reduction in the number of wind turbine generators used from 158 to 137.
- 3. The non-material change application will necessitate an application to the MMO to vary the deemed marine licences (DMLs), (Schedules 9 and 10 of the DCO). The MMO received a separate request to vary the DMLs on 25 April 2022 and is currently processing this. The Planning Inspectorate will be consulted on the DML variation in due course.
- 4. Finally the MMO requests that we are notified of the outcome of the non-material change application.









Peter Ryalls Marine Licensing Case Officer









Ministry of Defence (MoD)



Jon Wilson
Senior Safeguarding Manager
Ministry of Defence
Safeguarding Department
Defence Infrastructure Organisation
St George's House
DIO Head Office
DMS Whittington
Lichfield
Staffordshire WS14 9PY

Telephone: E-mail:

Application Reference: EN010087

Our Reference: DIO 10039925

National Infrastructure Planning The Planning Inspectorate Temple Quay House 2 The Square Temple Quay Bristol BS1 6PN

9th June 2022

Dear Sir/Madam,

The Norfolk Boreas Offshore Wind Farm Order 2021 (as amended) Application for a Nonmaterial Change

<u>Infrastructure Planning (Changes to, and Revocation of, Development Consent Orders)</u> Regulations 2011 (as amended) (2011 Regulations) (Application)

I write to confirm the safeguarding position of the Ministry of Defence (MOD) in relation to the above application to make a non-material change to the Development Consent Order (DCO) granted in 2021.

The application seeks to make changes to the parameters relating to the wind turbine generators that will feature in the development. The changes sought are to:

- Remove the limit on the maximum export capacity of the wind farm;
- reduce the maximum, total number of wind turbines that can be built in this development from 158 to 137.

The MOD has assessed the impacts of the changes proposed.

The changes sought will not physically impact upon MOD offshore Danger and Exercise Areas or adversely affect defence maritime navigational interests.

The turbines and some of the tall ancillary offshore structures will affect military low flying training activities that may be conducted in this area. The need for this development to be fitted with

aviation warning lighting was identified in relation to the original application and the amended DCO includes a relevant Requirement 12 – Aviation Safety.

Wind turbines have been shown to have detrimental effects on the operation of air defence radar. These include the desensitisation of the radar in the vicinity of wind turbines, and the creation of "false" aircraft returns. The probability of the radar detecting aircraft flying over or in the locality of the turbines would be reduced, hence turbine proliferation within a specific locality can result in unacceptable degradation of the radar's operational integrity. This would reduce the RAF's ability to detect and manage aircraft in United Kingdom sovereign airspace, thereby preventing it from effectively performing its primary function of Air Defence of the United Kingdom.

In relation to the operation of defence radars, it has been determined that the proposed wind farm will be in line of sight and detectable to the air defence radar currently located at Remote Radar Head (RRH) Trimingham ("air defence radar").

Our assessments have determined that the proposed wind farm will cause unacceptable and unmanageable interference to the effective operation of this air defence radar.

The impact of the development upon the operation of the air defence radar and the need for this to be mitigated has been recognised by the applicant.

Requirement 13 (Ministry of Defence surveillance operations) as included in the DCO granted for this development, defines a requirement for the provision of a mitigation to address the impacts the development will have on the air defence radar at RRH Trimingham.

The MOD is relocating the air defence radar currently located at RRH Trimingham on MOD land at RAF Neatishead, Norfolk which will establish RRH Neatishead. This is scheduled to be completed before the consented Norfolk Boreas offshore wind farm becomes operational.

When the air defence radar is relocated and operated from RRH Neatishead the consented Norfolk Boreas offshore wind farm will continue to be will be in line of sight and detectable to this air defence radar causing unacceptable and unmanageable interference.

Therefore, there remains a requirement for this air defence radar to be mitigated to address the impacts that this development will cause.

In view of the forthcoming relocation of the air defence radar, the MOD considers it appropriate that the wording of Requirement 13 is revised to replace the reference to RRH Trimingham with RRH Neatishead. The amended version of this Requirement proposed is included at Annex A below.

It should also be noted that since the DCO was granted the Defence Infrastructure Organisation Head Office has been relocated. As such all references to the "Defence Infrastructure Organisation Safeguarding" included in the DCO should be amended to replace the postal address currently included with that detailed below:

St George's House DIO Head Office DMS Whittington Lichfield Staffordshire WS14 9PY

I have amended the address for the Defence Infrastructure Organisation included in the text of Requirement 13 at Annex A accordingly.

I can therefore confirm that, the MOD maintains no safeguarding objection to this non-material amendment application subject to the retention of Requirements 12 and 13 in any amended DCO that may be issued for this development and that the wording of Requirement 13 is amended as set out in Annex A below.

I trust this clarifies our position on this consultation. Please do not hesitate to contact me should you wish to consider these points further.

Yours faithfully,

Jon Wilson Senior Safeguarding Manager

Annex A

Aviation safety

- **12.**—(1) The undertaker must exhibit such lights, with such shape, colour and character and at such times as are required in writing by Air Navigation Order 2016(**a**) and/or determined necessary for aviation safety in consultation with the Defence Infrastructure Organisation Safeguarding and as directed by the CAA. Lighting installed specifically to meet Ministry of Defence aviation safety requirements must remain operational for the life of the authorised development unless otherwise agreed in writing with the Ministry of Defence.
- (2) The undertaker must notify the Defence Infrastructure Organisation Safeguarding, at least 14 days prior to the commencement of the offshore works, in writing of the following information
 - a) the date of the commencement of construction of the offshore works;
 - b) the date any wind turbine generators are brought into use;
 - c) the maximum height of any construction equipment to be used;
 - d) the maximum heights of any wind turbine generator, meteorological mast, offshore electrical platform and offshore service platform to be constructed; and
 - e) the latitude and longitude of each wind turbine generator, meteorological mast, offshore electrical platform and offshore service platform to be constructed,

and the Defence Infrastructure Organisation Safeguarding must be notified of any changes to the information supplied under this paragraph and of the completion of the construction of the offshore works.

Ministry of Defence surveillance operations

- **13.**—(1) No wind turbine generator forming part of the authorised development is permitted to rotate its rotor blades on its horizontal axis until the Secretary of State having consulted with the Ministry of Defence confirms satisfaction in writing that appropriate mitigation will be implemented and maintained for the life of the authorised development and that arrangements have been put in place with the Ministry of Defence to ensure that the approved mitigation is implemented.
- (2) For the purposes of this requirement—
 - (a) "appropriate mitigation" means measures to prevent or remove any adverse effects which the authorised development will have on the air defence radar at Remote Radar Head (RRH) Neatishead and the Ministry of Defence's air surveillance and control operations;
 - (b) "approved mitigation" means the detailed Radar Mitigation Scheme (RMS) that will set out the appropriate measures and timescales for implementation as agreed with the Ministry of Defence at the time the Secretary of State confirms satisfaction in writing in accordance with paragraph (1); and
 - (c) "Ministry of Defence" means the Ministry of Defence as represented by Defence Infrastructure Organisation Safeguarding, St George's House, DIO Head Office, DMS Whittington, Lichfield, Staffordshire WS14 9PY or any successor body.
- (3) The undertaker must thereafter comply with all other obligations contained within the approved mitigation for the life of the authorised development.

National Air Traffic Services (NATS) En-Route Safeguarding

From:
To:
Norfolk Boreas

Cc:
Subject: RE: Norfolk Boreas Non Material Change Application [SG23802]

Date: 23 May 2022 17:32:56

Attachments: image001.png image002.png

image003.png image004.png image005.png image006.png image007.png

Dear Sirs,

NATS acknowledges receipt of the information from Vattenfall on the Boreas Application in relation to non-material changes. The reduction in turbine numbers does not alter NATS's position and we will continue to work with the Applicant in respect of the mitigation measures required to support the scheme.

Regards Sacha

NATS Safeguarding Office



Sacha Rossi

ATC Systems Safeguarding Engineer



4000 Parkway, Whiteley, Fareham, Hants PO15 7FL



From: ROSSI, Sacha

Sent: 26 April 2022 10:28 **To:** info@norfolkboreas.co.uk

Cc: NATS Safeguarding

Subject: RE: Norfolk Bor tion [SG23802]

Dear Ruari,

I acknowledge receipt of the correspondence on behalf of NATS. The reduction in turbine numbers does not alter our position and we will continue to work with the Applicant in respect of the measures required to support the scheme.

Regards

Sacha

NATS Safeguarding Office



Sacha Rossi

ATC Systems Safeguarding Engineer



4000 Parkway, Whiteley, Fareham, Hants PO15 7FL

Farenam, Hants POIS /FL

NATS Public

From: info@norfolkboreas.co.uk <info@norfolkboreas.co.uk>

Sent: 25 April 2022 15:06

To: ROSSI, Sacha ; NATS Safeguarding

>; BARRETT, Emma J

Subject: Norfolk Boreas Non Material Change Application [SG23802]

Dear Sacha Rossi and Emma Barrett,

We would be grateful if you would acknowledge, on behalf of NATS, safe receipt of this email and its enclosures.

Norfolk Boreas and Norfolk Vanguard East Limited (the Applicant) has submitted an application to the Department for Business, Energy and Industrial Strategy (BEIS) seeking a non-material change to the Norfolk Boreas Offshore Wind Farm Order 2021.

The Application seeks to remove the limit on the maximum export capacity for the Norfolk Boreas Offshore Wind Farm (the Project). It also seeks a reduction in turbine numbers from 158 to 137. These amendments are sought to allow the Project to benefit from continuing technological developments in the offshore wind industry and to further reduce the costs of energy produced by the Project to the consumer in line with government policy.

Please find attached a letter in relation to the Application, including copies of documents in order to assist your consideration of the Application.

If you have any questions or require clarification on the content of the letter or accompanying information, please do not hesitate to contact us by emailing info@norfolkboreas.co.uk

Kind regards,

Ruari Lean

Norfolk Boreas Project Manager	

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National Federation of Fishermen's Organisations (NFFO)

Natural England (NE)

From:
To: Norfolk Borea

Subject: Boreas Non Material Change consultation- Natural England response EN010087

Date: 10 June 2022 11:55:34

Attachments: Picture (Device Independent Bitmap) 1.jpg

Dear Sir/ Madam.

Please accept this email as the formal response to the consultation on the Boreas Non Material change, reference number EN010087.

Natural England has reviewed the proposed changes and advises that providing the changes are in strict accordance with the details of the application for a non-material change submitted, it can be excluded that the non-material change application will have a significant effect on any SAC, SPA or Ramsar site, either individually or in combination with other plans or projects. Therefore it is our view that an Appropriate Assessment of the implications of this proposal on the site's conservation objectives should not be required.

We have no further comments or concerns to raise on the consultation.

Regards

Alan Gibson

Marine Senior Advisor East Midlands Area Team Natural England Lancaster House, Hampshire Court Newcastle upon Tyne NE4 7YH

www.gov.uk/natural-england

We are here to secure a healthy natural environment for people to enjoy, where wildlife is protected and England's traditional landscapes are safeguarded for future generations.

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North Norfolk District Council

Royal Society for Protection of Birds (RSPB)

The Crown Estate



National Infrastructure Planning The Planning Inspectorate Temple Quay House 2 The Square, Temple Quay, Bristol, BS1 6PN Louise Rich Senior Development Manager

> Your Ref.: EN010087 Our Ref.: LR/Boreas/NMC1

> > 1 June 2022

Dear Sir/Madam

The Norfolk Boreas Offshore Wind Farm Oder 2021 Application for a Non-material Change (removal of maximum export capacity and reduction in turbine numbers)

E-ma

We have received Vattenfall's letter dated 25 April 2022 in relation to the above.

The Crown Estate has no objection to this application.

Yours faithfully

Louise Rich Senior Development Manager

Trinity House (TH)

From: Stephen Vanstone

Sent: 08 June 2022 15:25

To: info@norfolkboreas.co.uk; Norfolk Boreas <NorfolkBoreas@planninginspectorate.gov.uk>

Cc: Trevor Harris

Subject: RE: Norfolk Boreas OWF Non Material Change Application - EN010087

Good afternoon Ruari/PINS,

I can confirm that Trinity House has no objections to this non material change application.

Kind regards,

Stephen Vanstone

Navigation Services Officer | Navigation Directorate | Trinity House



From: info@norfolkboreas.co.uk <info@norfolkboreas.co.uk>

Sent: 25 April 2022 15:02

To: Trevor Harris ; Stephen Vanstone

Subject: Norfolk Boreas Non Material Change Application

Dear Stephen Vanstone and Trevor Harris,

We would be grateful if you would acknowledge, on behalf of Trinity House, safe receipt of this email and its enclosures.

Norfolk Boreas and Norfolk Vanguard East Limited (the Applicant) has submitted an application to the Department for Business, Energy and Industrial Strategy (BEIS) seeking a non-material change to the Norfolk Boreas Offshore Wind Farm Order 2021.

The Application seeks to remove the limit on the maximum export capacity for the Norfolk Boreas Offshore Wind Farm (the Project). It also seeks a reduction in turbine numbers from 158 to 137. These amendments are sought to allow the Project to benefit from continuing technological developments in the offshore wind industry and to further reduce the costs of energy produced by the Project to the consumer in line with government policy.

Please find attached a letter in relation to the Application, including copies of documents in order to assist your consideration of the Application.

If you have any questions or require clarification on the content of the letter or accompanying information, please do not hesitate to contact us by emailing info@norfolkboreas.co.uk

Kind regards,

Ruari Lean Norfolk Boreas Project Manager



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Appendix 6 Applicant's response to EIFCA's representation





Norfolk Boreas Offshore Wind Farm

Applicant's response to the EIFCA's representation

Regulation 7A Consultation and Publicity Statement

Applicant: Norfolk Boreas Limited & Norfolk Vanguard East Limited

Document Reference: PB5640.008.0018

Date: June 2022 Revision: Version 1

Author: Royal HaskoningDHV

Photo: Ormonde Offshore Wind Farm





Appendix 6 Applicant's response to the EIFCA's representation

1 Introduction

- 1. This document forms the Applicant's detailed response to the representation submitted by Eastern Inshore Fisheries Conservation Authority (EIFCA) during the consultation period for the Norfolk Boreas offshore wind farm non-material change (NMC) application to remove the limit on export capacity and reduce the number of wind turbine generators (WTGs). This document is appended to the Regulation 7A Consultation and Publicity Statement for the NMC Application and aims to address the EIFCA's concerns regarding impacts from electromagnetic fields (EMF) as a result of the changes proposed in the NMC Application.
- 2. The proposed changes detailed within the NMC Application will not alter the significance of the impacts of EMF as assessed in the Norfolk Boreas Environmental Statement (ES)¹ for the reasons detailed below.

2 The Applicant's understanding of the EIFCA's concerns

- 3. The EIFCA's concerns are summarised by the extracts of their representation below:
 - "EIFCA is concerned about the potential impacts of electromagnetic fields (EMF) created by the Norfolk Boreas cables on both commercial and non-commercial species, and how these impacts may increase due to the increased power transmission resulting from the removal of cable export limits."
 - "It is considered that export cables have higher EMF emissions compared to inter turbine cables, with Thomsen et al., (2015) also finding higher EMF values around export cables than around wind turbine bases. While EMF typically dissipates within 10m of the source, it is not explained in the attached documentation how the removal of the export limit may affect the levels of EMF emitted by the export cables."
 - "It is likely that mobile commercial species such as Edible crab (Cancer pagurus),
 European lobster (Homarus Gammarus), European plaice (Pleuronectes platessa)
 and Sandeel (Ammodytes spp.) will encounter sub-sea power cables and thus be
 exposed to EMF."
 - "...therefore recommend the applicant consider undertaking appropriate
 modelling to calculate the likely EMF emitted from the export cables in the
 absence of an export limit (if this has not already been done) and/or consider

¹ Norfolk Boreas Environmental Statement available at: https://infrastructure.planninginspectorate.gov.uk/projects/eastern/norfolk-boreas/?ipcsection=docs&stage=app&filter1=Environmental+Statement





regularly monitoring power transmission from the windfarm and EMF transmission on a regular basis"

4. The Applicant understands that the EIFCA is concerned that, if granted, the removal of the capacity limit sought as part of the NMC Application could lead to increased EMF impacts on mobile commercial species of fish and shellfish due to an increase in power transmission through the export cables.

3 The Applicant's Response

3.1 No increase in voltage of the export cables

- 5. Firstly, the proposed change to remove the limit on export capacity will not result in any increase in the consented operating voltage of +/-320kV as stated in the Norfolk Boreas ES (Chapter 5: Project Description).
- 6. The Applicant undertook an assessment of the effects of the proposed non-material changes in the context of the ES¹. This assessment was submitted in support of the NMC application as the Supporting Statement². Chapters 10 (Benthic and Intertidal Ecology) and 11 (Fish and Shellfish Ecology) of the ES¹ scoped in EMF impacts and the relevant assessments from the NMC Supporting Statement are provided in Table 1 below.
- 7. The assessment concluded for all scoped in impacts including EMF from installed export cables, that "the proposed NMC and DML variation will not change the impact conclusions stated in the ES.".

-

² The Supporting Statement is available at: https://infrastructure.planninginspectorate.gov.uk/wp-content/ipc/uploads/projects/EN010087/EN010087-002943-Norfolk%20Boreas%20NMC%20Supporting%20Statement.pdf





Table 1: Extracted rows from Table 2 of the NMC Supporting Statement covering benthic and fish assessments

ES Topic	Impacts described in ES Chapter	Change in impact significance	
Benthic and Intertidal Ecology (Chapter 10)	Impacts assessed within Chapter 10 which are of relevance to the NMC and DML variation are: 1. Temporary habitat loss/disturbance; 2. Temporary increase in suspended sediment concentrations and associated sediment deposition; 3. Underwater noise and vibration; 4. Permanent loss of seabed habitat through the presence of seabed infrastructure; 5. Temporary seabed disturbances from maintenance operations; 6. Colonisation of WTG/cable protection/scour protection; and 7. Electromagnetic Fields (EMF) from installed array and export cables. As detailed above the worst case scenario assessed in the ES was associated with the largest gravity base foundations resulting in a worst case total disturbance footprint of 15.40km². In reference to noise impacts, the worst case spatial scenario assessed for pilling was as a result of 5,000kJ hammer energy for monopile foundations. , As no layout was available for the ES it was assumed that the maximum spatial impact could include the entire wind farm site and a buffer around the site for the furthest extent to which the noise could travel. The worst case temporal impact resulted from the installation of pin piles for jacket foundations which would result in 1,080 hours of piling activity occurring over an 18 month period.	The assessment for Benthic and Intertidal Ecology is informed by parameters associated with the number, installation methods and amount of seabed material displaced by the WTGs and their foundations, not the capacity of either the wind farm or individual WTGs. During the Norfolk Boreas examination the maximum number of WTGs was reduced from 180 to 158 which resulted in a reduction of associated parameters which could impact benthic ecology such as maximum seabed footprint and maximum amount of disposed material (see table 1) for further information on the reductions). These reductions did not alter the conclusions stated in the ES. The parameters which inform the assessment are specifically secured in the Order through the requirements and conditions detailed in the following rows of table 1:8,9,10,11,16,17,18,19,20,21 and 22. In reference to the proposed NMC and DML variation, and as shown in table 1, there will be no changes to the parameters that relate to the foundations' sizes, scour protection or total or maximum quantities of disposal as secured through the Order. Furthermore, the conditions that control the levels of underwater noise, namely duration of piling activity and maximum hammer energy, will not increase. There will be a reduction in the maximum number of WTGs from 158 to 137 which would reduce the overall duration of impacts however, this decrease would not be so significant to change the magnitude of related impacts. There will also be no change in the installation methods from those previously assessed within the ES. Therefore, the proposed NMC and DML variation will not change the impact conclusions stated in the ES.	
Fish and Shellfish Ecology (Chapter 11)	Impacts assessed within Chapter 11 of relevance to the NMC and DML variation are: 1. Physical disturbance and temporary loss of seabed habitat;	The assessment for Fish and Shellfish Ecology is informed by parameters associated with the number, installation methods and amount of seaber material displaced by the WTGs and their foundations, not the capacity of either the wind farm or individual WTGs. During the Norfolk Boreas	





ES Topic	Impacts described in ES Chapter	Change in impact significance
	 Increased SSCs and sediment re-deposition; Underwater noise from piling; Underwater noise from other construction activities; Permanent loss of seabed habitat; Introduction of hard substrate; Underwater noise during operation; Indirect impacts on fish species as a result of behavioural disturbance to prey species associated with construction noise; EMFs; and Changes in fishing activity. As detailed above the worst case scenario assessed in the ES was associated with the largest gravity base foundations resulting in a worst case total disturbance footprint of 15.40km². In reference to noise impacts, the worst case spatial scenario assessed for pilling was as a result of 5,000kJ hammer energy for monopile foundations. As no layout was available for the ES it was assumed that the maximum spatial impact could include the entire wind farm site and a buffer around the site for the furthest extent to which the noise could travel. The worst case temporal impact resulted from the installation of pin piles for jacket foundations which would result in 1,080 hours of piling activity occurring over an 18 month period.	be a reduction in the maximum number of WTGs from 158 to 137 which will reduce the overall duration of impacts, however this decrease would not be so significant to change the magnitude of related impacts. Furthermore, there will also be no change in the installation methods from those previously assessed within the ES





3.2 Embedded mitigation reducing impacts of EMF

- 8. The NMC Application confirms there will be no change in the installation methods from those previously assessed within the ES. These installation methods include embedded mitigation against possible impacts of EMF effects, some of which are highlighted below.
- 9. The Applicant has committed to burying cables where possible and, at the limited number of locations where this may not be possible, to place cable protection over the cable to reduce any EMF to very low levels. Cable burial would be to target depths of between 1m and 3m (with potentially greater overall burial depths where pre-sweeping is used). The Applicant committed to this mitigation at the time of the original DCO application because the available research showed that EMF quickly diminishes away from the source, with values of around 0.32mT and 0.11mT at 1 metre (m) and 4 m respectively (Bochert and Zettler 2006).
- 10. The Applicant selected HVDC technology to reduce a variety of impacts including lowering the number of export cables from six to two, decreasing the area of both temporary disturbance and permanent habitat loss compared to a high voltage alternating current (HVAC) solution. As a result of this design decision the area of seabed exposed to EMF will be lower. Furthermore, where HVDC cables are installed in close proximity to each other as is intended for the Norfolk Boreas export cables (the cables will be bundled with a single circuit being installed in a single trench) it is understood that there will be some degree of cancelling out of the magnetic fields generated by each cable.
- 11. Export cable crossing points with existing cables or pipelines are areas where impacts of EMF could manifest. At these locations, protection would need to be placed on top of the existing asset, and then the Norfolk Boreas export cable would be placed on top of that protection, and therefore the export cable would not be buried within the seabed. Since the original application for development consent for Norfolk Boreas was submitted in June 2019, every effort has been made by the Applicant to reduce the number of export cable crossings. Out of Service Cable Recovery Agreements have been finalised with BT Subsea who own most of the out of service cables which the Norfolk Boreas export cables would otherwise need to cross. This has reduced the number of proposed cable crossings from eleven assessed in the original ES down to two per export cable (see the Norfolk Boreas Habitats Regulations Assessment (BEIS 2021)). This allows the export cables to be buried for a greater portion of their overall length by reducing the number of locations where they would not be buried. As a result, any EMF exposure from the export cables has a much lower chance of detection by fish species and shellfish species.





12. In areas where cable burial is not possible, such as around the two cable crossing locations per export cable and the breakout point at landfall, cable protection will be placed.

3.3 Relevance of new research

- 13. The EIFCA highlight new research on the effects EMF can have on fish and shellfish species. The Applicant considers the relevance of this research to the Norfolk Boreas project in this section.
- 14. Firstly it is important to note that all of the research cited in the EIFCA consultation is conducted ex situ; in other words it is laboratory based research where the organisms do not have the ability to move away from the source of the EMF. Secondly the experiments are conducted using far greater levels of EMF than those experienced in situ around offshore renewable subsea export cables and therefore those which can be expected from the Norfolk Boreas export cables.
- 15. In a report by Normandeau et al. (2011) there was shown to be a great variation in EMF strength arising from the source. However, it has been consistently shown that all EMF quickly diminishes with distance from the source (in this case marine cables), with values of around 0.32mT and 0.11mT at 1 metre (m) and 4 m respectively (Bochert and Zettler 2006). A recent study by Hutchison et al., 2021) has shown that the magnetic field (MF) intensity decreases around 10 μ T/m with a cable that is buried to a depth of 1.5m.
- 16. Further evidence collected by the Bureau of Ocean Energy Management (BOEM), through multiple studies such as Hutchison et al., (2020) found in situ DC magnetic fields of buried HVDC cables to be very low. The Cross Sound Cable, which is a 300kV (similar to the operation voltage to the Norfolk Boreas export cable) buried submarine HVDC cable, had a magnetic field in the range of 0.4-18.7μT (or 0.0004 0.018mT), and the Neptune Cable was found to have a magnetic field in the range of 1.3-20.7μT (or 0.0013-0.02mT). The installation depths for these cables were 1.2–1.8m and the target depths of the Norfolk Boreas export cables is between 1 and 3m, as stated in section 3.2 above. This demonstrates that the EMF levels from the Norfolk Boreas export cables will be very low and that their burial will substantially reduce the impacts of EMF.
- 17. As cited by the EIFCA, Scott et al., (2018) found that, in aquarium experiments, Cancer pagurus (edible crab) showed an attraction to the source of an EMF of 2.8mT as well as a reduction in roaming behaviour, alteration of their natural circadian rhythms and disrupted cycles of metabolic markers. The authors of the study found that this attraction to the source of EMF caused the crabs to spend significant amounts of time within the exposed area, which, in-situ may come at the cost of time spent foraging for food, seeking mates and finding shelter. Scott et al., (2018)





speculated that this could potentially lead to higher predation rates, increased death due to starvation and/or decreased numbers of successful matings. However, the chances of a crab experiencing the effects observed in Scott et al., (2018) in situ are very low. The anticipated EMF experienced around the Norfolk Boreas export cables would be much lower (up to 0.32mT, but more likely far less than this) and invertebrates would not be restricted to remaining in close proximity to the EMF source as the subjects of this experiment were. Therefore this study does not provide any direct evidence of significant impacts to invertebrates from undersea cable EMFs.

- 18. In the EIFCA submission, the study Harsanyi et al., (2022) is also referenced. This work was also conducted in a laboratory and built upon the findings presented by Scott et al., (2018). In this study the same EMF strength of 2.8mT (far greater than the up to 0.32mT likely to be experienced around in situ export cables) was used. During the Harsanyi et al., (2022) study, Homarus. gammarus (European lobster) and C. pagarus were chronically exposed to a constant 2.8mT throughout embryonic development. Harsanyi et al., (2022) found that this exposure throughout embryonic development resulted in significant differences in stage-specific egg volume and resulted in stage I lobster and zoea stage I crab larvae exhibiting decreased carapace height, total length, and maximum eye diameter. An increased occurrence of larval deformities was observed in addition to reduced swimming test success rates amongst lobster larvae. The authors of the study suggest that these traits could ultimately affect larval mortality, recruitment and dispersal. Again, such effects are unlikely to be observed in situ, as larvae, which are planktonic during most life stages would have to remain situated directly above a constant source of 2.8mT. The unrealistic nature of such a circumstance in situ, paired with the aforementioned embedded mitigation, and the fact that EMF dissipates rapidly with distance, and largely fluctuates at the source (Bochert and Zettler, 2006; Normandeau et al., 2011) clearly demonstrates that the impacts of EMF will be no worse than originally assessed in the ES, notwithstanding the new research referenced by the EIFCA.
- 19. In regard to Sandeels (*Ammodytes spp.*), Cresci et al., (2022) suggest that lesser sandeel larvae would not be attracted to or repelled from HVDC subsea cables associated with offshore wind farms, and also state that the magnetic field produced by HVDC cables will not have strong effects on the swimming or spatial preference of lesser sandeel larvae. It should also be noted that, as stated in chapter 11 Fish and Shellfish of the Norfolk Boreas ES sandeel spawning and nursery areas are sparse within the Norfolk Boreas site and offshore cable corridor.

3.4 Comparison to other offshore windfarms

20. For Hornsea Project Four Offshore Wind Farm (the most recent application for development consent for an offshore wind farm), which does not have a capacity





cap, the Marine Management Organisation (MMO) agreed that the impacts in relation to indirect disturbance from EMFs generated by cables to benthic communities and fish species could be scoped out based on the available literature and the mitigation proposed (The Planning Inspectorate 2018 and Hornsea Project Four 2021 (Fish and Shellfish ES Chapter)). Hornsea Project Four have committed to burying export cables wherever possible, but retain the option for HVAC export cables which would be more numerous (up to 18 cables) and would not benefit from the reduced EMF understood to be generated by HVDC cables

- 21. During the pre-application consultation on Hornsea Project Four, and the recently consented Hornsea Project Three, the EIFCA made a recommendation (similar to that which has been made here) for the applicant in both cases to consider undertaking appropriate modelling to calculate and monitor the likely EMF emitted from the export cables in the absence of an export limit. The Applicant notes that Hornsea Project Three has been consented without such a requirement or condition.
- 22. The Applicant believes that the research referred to by the EIFCA provides no evidence that there is a need to undertake EMF modelling and/or monitoring for the reasons listed above. In addition, as noted in section 3.2, when two HVDC cables are laid in close proximity to each other (as will be the case for the Norfolk Boreas export cables), there will be some degree of cancelling out of the magnetic fields generated by each cable.

4 Conclusion

- 23. The EMF generated from the Norfolk Boreas offshore wind farm export cables will represent a long term and continuous emission throughout the operational lifetime of the Project. However, any potential effects will be highly localised, affecting a very small proportion of the fish and shellfish habitats within the offshore cable corridor and within a maximum of a few metres of the final cable routes. As the sensitivity of the benthic ecology receptors is considered to be negligible, regular monitoring of the power transmission from the wind farm and EMF transmission is unnecessary.
- 24. The Applicant has given full consideration to the EMF impacts in its request to remove the maximum export capacity limit and there will be no change to the EMF impacts previously assessed as a result of the NMC Application.





5 References

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