



SCOTTISHPOWER  
RENEWABLES

# East Anglia ONE North and East Anglia TWO Offshore Windfarms

## Statement of Common Ground

Maritime and Coastguard Agency  
(MCA)

Applicants: East Anglia ONE North Limited and East Anglia TWO Limited  
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Applicable to **East Anglia ONE North** and **East Anglia TWO**



#### Revision Summary

Rev	Date	Prepared by	Checked by	Approved by
001	08/06/2020	Paolo Pizzolla	Lesley Jamieson / Ian MacKay	Rich Morris
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#### Description of Revisions

Rev	Page	Section	Description
001	n/a	n/a	Draft for June 11 <sup>th</sup> submission
002	n/a	n/a	Second draft for submission at Deadline 4
003	n/a	n/a	Third draft for submission at Deadline 5
004	n/a	n/a	Final SoCG for submission at Deadline 8



# Table of Contents

<b>1</b>	<b>Introduction</b>	<b>1</b>
1.1	Background	1
1.2	The Development	1
1.3	Summary of Agreed, Not Agreed and Outstanding Matters	2
<b>2</b>	<b>Statement of Common Ground</b>	<b>4</b>
2.1	Shipping and Navigation	4
<b>3</b>	<b>Signatures</b>	<b>11</b>



## Glossary of Acronyms

DCO	Development Consent Order
DML	Deemed Marine Licence
DTS	Distributed Temperature Sensing
EIA	Environmental Impact Assessment
ES	Environmental Statement
ETG	Expert Topic Group
MHWS	Mean High Water Springs
MCA	Maritime and Coastguard Agency
MMO	Marine Management Organisation
NRA	Navigational Risk Assessment
PINS	Planning Inspectorate
SoCG	Statement of Common Ground
WTG	Wind Turbine Generator



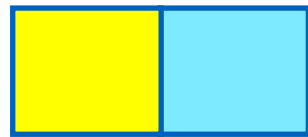
## Glossary of Terminology

Applicants	East Anglia TWO Limited / East Anglia ONE North Limited
Construction, operation and maintenance platform	A fixed offshore structure required for construction, operation, and maintenance personnel and activities.
East Anglia TWO project	The proposed project consisting of up to 75 wind turbines, up to four offshore electrical platforms, up to one construction operation and maintenance platform, inter-array cables, platform link cables, up to one operational meteorological mast, up to two offshore export cables, fibre optic cables, landfall infrastructure, onshore cables and ducts, onshore substation, and National Grid infrastructure.
East Anglia ONE North project	The proposed project consisting of up to 67 wind turbines, up to four offshore electrical platforms, up to one construction operation and maintenance platform, inter-array cables, platform link cables, up to one operational meteorological mast, up to two offshore export cables, fibre optic cables, landfall infrastructure, onshore cables and ducts, onshore substation, and National Grid infrastructure.
East Anglia TWO / East Anglia ONE North windfarm site	The offshore area within which wind turbines and offshore platforms will be located.
Evidence Plan Process	A voluntary consultation process with specialist stakeholders to agree the approach to the EIA and the information required to support HRA.
Generation Deemed Marine Licence (DML)	The deemed marine licence in respect of the generation assets set out within Schedule 13 of the draft DCO.
Horizontal directional drilling (HDD)	A method of cable installation where the cable is drilled beneath a feature without the need for trenching.
Inter-array cables	Offshore cables which link the wind turbines to each other and the offshore electrical platforms, these cables will include fibre optic cables.
Landfall	The area (from Mean Low Water Springs) where the offshore export cables would make contact with land and connect to the onshore cables.
Offshore cable corridor	This is the area which will contain the offshore export cables between offshore electrical platforms and landfall.
Offshore development area	The East Anglia TWO / East Anglia ONE North windfarm site and offshore cable corridor (up to Mean High Water Springs).
Offshore electrical platform	A fixed structure located within the windfarm area, containing electrical equipment to aggregate the power from the wind turbine generators and convert it into a more suitable form for export to shore.
Offshore export cables	The cables which would bring electricity from the offshore electrical platforms to the landfall. These cables will include fibre optic cables.
Offshore platforms	A collective term for the construction, operation and maintenance platform and the offshore electrical platforms.
Platform link cable	Electrical cable which links one or more offshore platforms, these cables will include fibre optic cables.
Safety zone	A marine area declared for the purposes of safety around a renewable energy installation or works / construction area under the Energy Act 2004.



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Scour protection	Protective materials to avoid sediment being eroded away from the base of the foundations as a result of the flow of water.
Transmission DML	The deemed marine licence in respect of the transmission assets set out within Schedule 14 of the draft DCO.



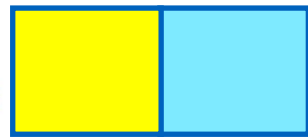
# 1 Introduction

## 1.1 Background

1. This Statement of Common Ground (SoCG) has been prepared by East Anglia TWO Limited, East Anglia ONE North Limited (the Applicants) and the Maritime and Coastguard Agency (MCA). It identifies areas of the East Anglia TWO and East Anglia ONE North Development Consent Order (DCO) applications (the Applications) where matters are agreed or not agreed between parties.
2. The Applicants have had regard to the guidance for the examination of applications for development consent (Department for Communities and Local Government, 2015) when compiling this SoCG.
3. This SoCG has been structured to reflect topics of interest to MCA on the Applications. Topic specific matters agreed and not agreed between the Applicants and MCA are included within this SoCG.
4. Throughout the SoCG the phrase “Agreed” identifies any point of agreement between the Applicants and MCA.
5. The phrase “Not Agreed” identifies any point that is not yet agreed between the Applicants and MCA. The notes column of the SoCG tables provides commentary on these matters.
6. The tables in **section 2.1** are based upon discussions and information exchanged between the Applicants and MCA during the pre-application and examination phases of the application regarding **Shipping and Navigation**.

## 1.2 The Development

7. The key offshore components of each project will comprise:
  - Offshore wind turbines and their associated foundations;
  - Offshore platforms - up to four offshore electrical platforms and their associated foundations supporting some of the windfarm’s electrical equipment, and up to one construction, operation and maintenance platform and associated foundations that may cater for personnel and activities required during the construction phase and operation and maintenance of the windfarm;
  - Sub-sea cables between the wind turbines and between wind turbines and offshore electrical platforms (inter-array), between separate offshore platforms (platform link cables) and between offshore electrical platforms and the landfall (export cables);

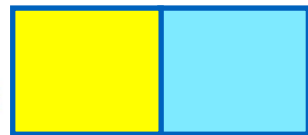


- Scour protection around foundations and on inter-array, platform link and export sub-sea cables as required; and
  - Potential for one meteorological mast (met mast) and its associated foundations for monitoring wind speeds during the operational phase of the windfarm.
8. The key onshore components of each project will comprise:
- The landfall site with up to two transition bays to connect the onshore and offshore cables;
  - Up to six onshore cables, up to two fibre optic cables and up to two distributed temperature sensing (DTS) cables installed underground (some or all of which may be installed in ducts) and associated jointing bays installed underground;
  - Onshore substation; and
  - Electrical cable connection between onshore substation and National Grid substation.
9. National Grid infrastructure will also be required to connect each project to the national electricity grid. Key components of the National Grid infrastructure which is common to both projects will comprise:
- National Grid substation;
  - Cable sealing end compounds and a cable sealing end (with circuit breaker) compound; and
  - Realignment of the existing overhead lines; including the reconstruction or replacement of up to three existing overhead pylons in proximity to the National Grid substation and the addition of up to one new pylon in close proximity to existing overhead pylons.

### 1.3 Summary of Agreed, Not Agreed and Outstanding Matters

10. **Table 1.1** provides a summary of the matters agreed, not agreed and those which are outstanding between the Applicants and the MCA for each of the relevant receptor topics. For further information on agreements, see the detailed agreement **Table 2.2**.





**Table 1.1 Summary of Areas Agreed, Not Agreed or those which are Outstanding for Receptor Topic Areas Raised by MCA**

Topic	Agreed, Disagreed or Outstanding
Shipping and Navigation	Agreed
Development Consent Order	Agreed



## 2 Statement of Common Ground

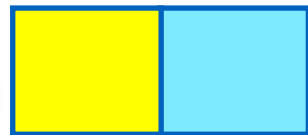
11. The areas of agreement and disagreement between the Applicants and the MCA are set out below.

### 2.1 Shipping and Navigation

12. Each project has the potential to impact upon shipping and navigation. **Chapter 14 Shipping and Navigation** of the Environmental Statement (ES) (APP-062) provides an assessment of the significance of these impacts.
13. **Table 2.1** provides an overview of meetings and correspondence undertaken with the MCA regarding shipping and navigation.
14. **Table 2.2** provides areas of agreement and disagreement with the MCA regarding shipping and navigation.
15. Further details on the stakeholder engagement process for shipping and navigation can be found in the Consultation Report (APP-029).

**Table 2.1 Summary of Consultation with MCA regarding Shipping and Navigation**

Date	Contact Type	Topic
<b>Pre-Application</b>		
17 <sup>th</sup> February 2016	Meeting	Meeting to discuss proposed approach to marine traffic survey, wind turbine layout and cable corridors.
7 <sup>th</sup> April 2017	Letter	De-scoping of potential impacts on electro-magnetic navigation systems and the approach to collecting new and use of existing data to inform the NRA and EIA.
27 <sup>th</sup> February 2018	Briefing Note	Briefing note outlining minor changes to the offshore export cable corridor
4 <sup>th</sup> April 2018	Meeting	Project update and scoping response meeting
7 <sup>th</sup> March 2019	Briefing Note	Agreement sought on need for additional hazard workshop following East Anglia TWO reverting to a maximum of 75 x 250m turbines plus platforms and met mast.
<b>Post-Application</b>		
18 <sup>th</sup> February 2020	Meeting	Meeting to discuss agreements in SoCG
12 <sup>th</sup> March 2020	Meeting	Second meeting to discuss agreements in SoCG.
21 <sup>st</sup> May 2020	Meeting	Third meeting to discuss agreements in SoCG.



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Date	Contact Type	Topic
7 <sup>th</sup> January 2021	Meeting	Fourth meeting to discuss agreements in SoCG.
28 <sup>th</sup> January 2021	Meeting	Fifth meeting to discuss agreements in SoCG.



Table 2.2 Shipping and Navigation

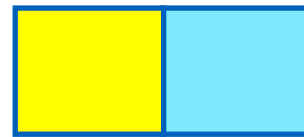
ID	Topic	Statement	East Anglia TWO Limited Position	East Anglia ONE North Limited Position	MCA position	Notes
<b>Environmental Impact Assessment</b>						
MCA -101	Existing Environment	Sufficient vessel traffic survey data has been collected to inform the assessment.	Agreed	Agreed	Agreed	None
		Hydrographic survey data has been collected to inform the assessment.	Agreed	Agreed	Agreed	Hydrographic data has been submitted to the hydrographic team at the MCA. Initial checks have been undertaken, which did not suggest significant issues, however, full checks are still to be undertaken (currently on hold due to Covid-19).  The MCA are content for the checks to be confirmed post consent.
MCA -102	Assessment Methodology	The impact assessment methodologies used for the EIA provide an appropriate approach to assessing potential impacts of the project.	Agreed	Agreed	Agreed	None
		The Navigation Risk Assessment (NRA) for the Project has been undertaken as per requirements set out in the Marine Guidance Note (MGN) 543 – Offshore Renewable Energy	Agreed	Agreed	Agreed	None



ID	Topic	Statement	East Anglia TWO Limited Position	East Anglia ONE North Limited Position	MCA position	Notes
		Installations (OREIs) Guidance on UK navigational Practice Safety and Emergency				
		The worst case scenario presented in the assessment is appropriate.	Agreed	Agreed	Agreed	None
MCA -103	Assessment Conclusions	The assessment is appropriate and has reached accepted results.	Agreed	Agreed	Agreed	None
		The assessment of cumulative impacts has reached accepted results.	Agreed	Agreed	Agreed	None
MCA -104	Mitigation	Given the impacts of the project, the proposed mitigation outlined in the Schedule of Mitigation Offshore (APP-574) and section 14.3.3 of ES Chapter 14 Shipping and Navigation (APP-052) is appropriate.	Agreed	Agreed	Agreed	None
<b>Draft Development Consent Order (DCO)</b>						
MCA -105	Wording of DCO Requirements and DML Conditions(s)	<p>The wording of the following requirements and conditions pertaining to shipping and navigation are appropriate and adequate:</p> <ul style="list-style-type: none"> <li>Condition 17(1)(a) of the Generation DML and Condition 13(1)(a) of the Transmission DML with reference to the development of a Design Plan to optimise the foundation type</li> </ul>	Agreed	Agreed	Agreed	The inclusion of the Layout Principles Statement within condition 17(1)(a)(x) of the Generation DML is Agreed on the basis of the of the Condition as set out below.



ID	Topic	Statement	East Anglia TWO Limited Position	East Anglia ONE North Limited Position	MCA position	Notes
		<p>and installation method to the site conditions;</p> <ul style="list-style-type: none"> <li>Condition 17(1)(a)(x) of the Generation DML with reference to the proposed layout of all wind turbine generators;</li> <li>Conditions 11 and 12 of the Generation DML and Conditions 7 and 8 provided of the Transmission DML with reference to aids to navigation;</li> <li>Condition 17(1)(i) of the Generation DML and Condition 13(1)(i) of the Transmission DML with reference to the aids to navigation management plan;</li> <li>Condition 17(1)(d)(ii)(bb) of the Generation DML and Condition 13(1)(d)(ii)(bb) of the Transmission DML with reference to the cable laying plan</li> <li>Condition 18(5) of the Generation DML and Condition 14(5) of the Transmission DML with reference to taking into account and addressing MCA recommendations in MGN543 and its annexes;</li> <li>Requirement 2(1)(e) within DCO Schedule 1 Part 3 with reference to air clearance height of no less than 24 metres from MHWS.</li> </ul>				<p>Condition 17(1)(a)(x) of the Generation DML was updated in the draft DCO submitted at Deadline 8.</p> <p><b>Condition:</b> 17(1)(a)(x) the proposed layout of all wind turbine generators (to be in accordance with the layout principles statement and which must accord with the recommendations for layout contained in MGN543 and its annexes), offshore electrical platforms, the construction, operation and maintenance platform and meteorological mast including any exclusion zones identified under condition 17(1)(g)(iv);</p>



ID	Topic	Statement	East Anglia TWO Limited Position	East Anglia ONE North Limited Position	MCA position	Notes
		<ul style="list-style-type: none"> <li>Condition 10 of the Generation DML and Condition 6 of the Transmission DML with reference to notifications and inspections;</li> <li>Conditions 21 and 22 of the Generation DML and Conditions 17 and 18 of the Transmission DML with reference to construction and post construction traffic monitoring;</li> <li>Requirement 10 within DCO Schedule 1, Part 3 with reference to the decommissioning programme and Paragraph 3(1)(a) of Schedule 16 with reference to Appeals and the rights given to the Applicant to appeal a decision on the decommissioning plan.</li> <li>Condition 20 of the Generation DML and Condition 16 of the Transmission DML with reference to Pre-construction monitoring and surveys.</li> </ul>				
<b>Other Matters as Required</b>						
MCA -106	Arbitration		n/a	n/a	MCA defer to and support the MMOs	None



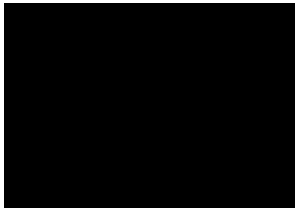



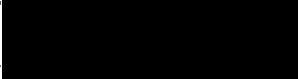

ID	Topic	Statement	East Anglia TWO Limited Position	East Anglia ONE North Limited Position	MCA position	Notes
					position on arbitration.	
MCA -107	Emergency response	<ul style="list-style-type: none"> <li>A SAR Checklist will be completed post consent to ensure that the development, where applicable, complies with the requirements and recommendations.</li> <li>An ERCoP will need to be in place and agreed with the MCA prior to any offshore construction.</li> </ul>	Agreed	Agreed	Agreed	None
MCA -108	'Order Limits' GIS files	The Order Limits GIS files will be issued to MCA whenever they change	Agreed	Agreed	Agreed	None
MCA -109	Layout Principles	The windfarm layout approved by the MMO in consultation with the MCA and Trinity House, through the design plan, will be designed in accordance with the layout principles statement and which must accord with the recommendations for layout contained in MGN543 and its annexes as secured in Condition 17(1)(a)(x) of the Generation DML.	Agreed	Agreed	Agreed	None





### 3 Signatures

16. The above Statement of Common Ground is agreed between the Applicants and MCA on the day specified below.

<p>Signed: </p> <p>Print Name: </p> <p>Job Title: Offshore Renewables Lead, UK Technical Services Navigation</p> <p>Date: 25/03/21</p> <p>Duly authorised for and on behalf of MCA</p>
<p>Signed:  _____</p> <p>Print Name:  _____</p> <p>Job Title: Senior Project Manager</p> <p>Date: 25th March 2021</p> <p>Duly authorised for and on behalf of EAST ANGLIA TWO LIMITED</p>
<p>Signed:  _____</p> <p>Print Name:  _____</p> <p>Job Title: Senior Project Manager</p> <p>Date: 25th March 2021</p> <p>Duly authorised for and on behalf of EAST ANGLIA ONE NORTH LIMITED</p>