

East Anglia ONE North and East Anglia TWO Offshore Windfarms

Draft 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





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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	A fixed offshore structure required for construction, operation, and
and maintenance platform	maintenance personnel and activities.
East Anglia TWO	The proposed project consisting of up to 75 wind turbines, up to four
project	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	The proposed project consisting of up to 67 wind turbines, up to four
project	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	The offshore area within which wind turbines and offshore platforms will
Anglia ONE North	be located.
windfarm site	
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	The deemed marine licence in respect of the generation assets set out
Marine Licence (DML)	within Schedule 13 of the draft DCO.
Horizontal directional	A method of cable installation where the cable is drilled beneath a feature
drilling (HDD)	without the need for trenching. Offshore cables which link the wind turbines to each other and the
Inter-array cables	offshore electrical platforms, these cables will include fibre optic cables.
Landfall	The area (from Mean Low Water Springs) where the offshore export
Latiulali	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
Charlote dable domaci	offshore electrical platforms and landfall.
Offshore development	The East Anglia TWO / East Anglia ONE North windfarm site and offshore
area	cable corridor (up to Mean High Water Springs).
Offshore electrical	A fixed structure located within the windfarm area, containing electrical
platform	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
0.1.1	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.





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

- 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, not agreed and actions to resolve 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. Points that are not yet agreed will be the subject of ongoing discussion between the Applicants and MCA to reach agreement on the point wherever possible or refine the extent of disagreement between parties. 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 that are outstanding / under discussion and for which the Applicants and the MCA are working to address within the examination period, see the detailed agreement Table 2.2.

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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	Outstanding			
Development Consent Order	Outstanding			





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			
Pre-Application					
17 th February 2016	Meeting	Meeting to discuss proposed approach to marine traffic survey, wind turbine layout and cable corridors.			
7 th 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 th February 2018	Briefing Note	Briefing note outlining minor changes to the offshore export cable corridor			
4 th April 2018	Meeting	Project update and scoping response meeting			
7 th 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.			
Post-Application					
18 th February 2020	Meeting	Meeting to discuss agreements in SoCG			
12 th March 2020	Meeting	Second meeting to discuss agreements in SoCG.			
21 st May 2020	Meeting	Third meeting to discuss agreements in SoCG.			

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Date	Contact Type	Торіс
7 th January 2021	Meeting	Fourth meeting to discuss agreements in SoCG.



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ID	Topic	Statement	East Anglia TWO Limited Position	East Anglia ONE North Limited Position	MCA position	Notes
Envir	onmental Impac	t Assessment				
MCA -101	Existing Environment	Sufficient vessel traffic survey data has been collected to inform the assessment.	Agreed	Agreed	Agreed	None
		Sufficient hydrographic survey data has been collected to inform the assessment.	In discussion	In discussion	In discussion	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). 'Agreement status' is therefore recorded as 'in discussion' subject to completion of full checks.
						The full checks are anticipated to be completed for Deadline 6 and confirmed through an update to the SoCG submitted at that deadline. Should the data checks be delayed beyond this, the MCA are content for the checks to be confirmed post consent.





ID	Topic	Statement	East Anglia TWO Limited Position	East Anglia ONE North Limited Position	MCA position	Notes
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 Installations (OREIs) Guidance on UK navigational Practice Safety and Emergency	Agreed	Agreed	Agreed	None
		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





ID	Topic	Statement	East Anglia TWO Limited Position	East Anglia ONE North Limited Position	MCA position	Notes
Draft I	Development C	onsent Order (DCO)				
MCA -105	Wording of DCO Requirement s and DML Conditions(s)	 The wording of the following requirements and conditions pertaining to shipping and navigation are appropriate and adequate: 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 and installation method to the site conditions; Conditions 11 and 12 of the Generation DML and Conditions 7 and 8 provided of the Transmission DML with reference to aids to navigation; 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; 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; 	In discussion	In discussion	In discussion	The MCA has reviewed the updated Draft DCO submitted at Deadline 3 (REP3-011) and has confirmed satisfaction with the changes that were agreed to be made but requested several further changes which the Applicants are considering. Any further changes will be reflected in the Draft DCO submitted at Deadline 5. MCA-105 therefore remains 'in discussion' subject to closing out the actions referred to above.





ID	Topic	Statement	East Anglia TWO Limited Position	East Anglia ONE North Limited Position	MCA position	Notes
		Requirement 2(1)(e) within DCO Schedule 1 Part 3 with reference to air clearance height of no less than 24 metres from MHWS.				
		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				
		Condition 10 of the Generation DML and Condition 6 of the Transmission DML with reference to notifications and inspections;				
		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;				
		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.				
		Condition 20 of the Generation DML and Condition 16 of the Transmission DML with				





ID	Topic	Statement	East Anglia TWO Limited Position	East Anglia ONE North Limited Position	MCA position	Notes	
		reference to Pre-construction monitoring and surveys.					
Other	Other Matters as Required						
MCA -106	Arbitration		n/a	n/a	MCA defer to and support the MMOs position on arbitration.	None	
MCA -107	Emergency response	 A SAR Checklist will be completed post consent to ensure that the development, where applicable, complies with the requirements and recommendations. An ERCoP will need to be in place and agreed with the MCA prior to any offshore construction. 	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	

13th January 2021



3 Signatures

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

Signed:					
Print Name:	-				
Job Title:					
Date:					
Duly authorised for and on behalf of MCA					
Signed:					
Print Name:	-				
Job Title:					
Date:					
Duly authorised for and on behalf of EAST ANGLIA TWO LIMITED					
Signed:					
Print Name:	-				
Job Title:					
Date:					
Duly authorised for and on behalf of EAST ANGLIA ONE NORTH LIMITED					