



SCOTTISHPOWER  
RENEWABLES

# East Anglia ONE North and East Anglia TWO Offshore Windfarms

## Draft Statement of Common Ground Marine Management Organisation

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
MMO	Marine Management Organisation
PINS	Planning Inspectorate
SoCG	Statement of Common Ground



## 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	Area to seaward of nearshore in which the transport of sediment is not caused by wave activity.
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 platform	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.
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.

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# 1 Introduction

## 1.1 Background

1. This Statement of Common Ground (SoCG) has been prepared between East Anglia TWO Limited, East Anglia ONE North Limited (hereafter the Applicants) and the Marine Management Organisation (MMO) in relation to the East Anglia TWO project and the East Anglia ONE North project (the Projects). It identifies areas of the Projects' Development Consent Order (DCO) applications (the Applications) where matters are agreed or not agreed between the 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 the MMO on the Applications. Topic specific matters agreed, not agreed and actions to resolve between the Applicants and the MMO are included within this SoCG.
4. The tables presented below are the basis for a SoCG with the Applicants and the MMO in respect of the following topic(s):
  - Marine Geology, Oceanography and Physical Processes;
  - Marine Water and Sediment Quality;
  - Benthic Ecology;
  - Fish and Shellfish Ecology;
  - Marine Mammals; and
  - Draft, Outline and In-Principle Plan Documents.
5. Throughout the SoCG the phrase "Agreed" identifies any point of agreement between the Applicants and the MMO.
6. The phrase "Not Agreed" identifies any point that is not yet agreed between the Applicants and the MMO. Matters that are not yet agreed will be the subject of ongoing discussion between the Applicants and the MMO to reach agreement on the matter wherever possible, or refine the extent of disagreement between parties. The notes column of the SoCG tables provides commentary on these matters.
7. The tables in **section 2** are based upon discussions and information exchanged between the Applicants and the MMO during the pre-application and examination phases of the application.

## 1.2 The Development

8. 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 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.
9. 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.
10. 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

11. **Table 1.1** provides a summary of the matters agreed, not agreed and those which are outstanding between the Applicants and the MMO for each of the relevant SoCG topic area. For further information on agreements that are outstanding / under discussion and for which the Applicants and the MMO are working to address during the examination period, see the detailed agreement **Table 2.2**.

**Table 1.1 Summary of Agreed, Not Agreed and Outstanding Matters**

Topic	Agreed, Not Agreed or Outstanding
Marine Geology, Oceanography and Physical Processes	Outstanding
Marine Water and Sediment Quality	Outstanding
Benthic Ecology	Outstanding
Fish and Shellfish Ecology	Outstanding
Commercial Fisheries	Outstanding
Marine Mammals	Outstanding
Development Consent Order	Outstanding
Draft, In-Principle and Outline Plan Documents	Outstanding



## 2 Statement of Common Ground

12. The areas of agreement and disagreement between the Applicants and the MMO are set out below.

### 2.1 Marine Geology, Oceanography and Physical Processes

13. Each project has the potential to impact upon marine geology and physical processes. **Chapter 7 Marine Geology, Oceanography and Physical Processes** of the Environmental Statement (ES) (APP-055) provides an assessment of the significance of these impacts.
14. **Table 2.1** provides an overview of meetings and correspondence undertaken with the MMO regarding marine geology, oceanography and physical processes.
15. **Table 2.2** provides areas of agreement and disagreement with the MMO regarding marine geology, oceanography and physical processes.
16. Further details on the stakeholder engagement process for marine geology, oceanography and physical processes can be found in the Consultation Report (APP-029).

**Table 2.1 Summary of Consultation with the MMO regarding Marine Geology, Oceanography and Physical Processes**

Date	Contact Type	Topic
<b>Pre-Application</b>		
12 <sup>th</sup> April 2017	Meeting	Agreement of method statement.
9 <sup>th</sup> August 2017	Briefing note	Agreement sought on cable route updates, data collection strategy and approach to EIA.
8 <sup>th</sup> November 2017	Briefing note	Wave modelling: agreement sought on scope of modelling and the cumulative assessment.
15 <sup>th</sup> December 2017	Briefing note	Benthic ecology survey sampling strategy: agreement sought that the benthic sampling strategy for the cable corridor is sufficient for EIA purposes.
27 <sup>th</sup> February 2018	Briefing note	Formal note sent to all ETG stakeholders outlining minor changes to the cable corridor. Stakeholders asked to confirm they are satisfied with amendments
21 <sup>st</sup> March 2018	Meeting	Expert Topic Group 2 – EIA topics Marine Geology Oceanography & Physical Processes; Benthic Ecology and Fish Ecology discussed with



Date	Contact Type	Topic
		a focus on data requirements and the impacts to be assessed.
21st June 2019	Meeting	Expert Topic Group 3 – EIA topics Marine Geology Oceanography & Physical Processes; Benthic Ecology and Fish Ecology discussed with a focus on potentially contentious stakeholder comments received at section 42 and how these had been addressed by the Applicants.
<b>Post-Application</b>		
14 <sup>th</sup> February 2020	Meeting	To discuss format of SoCG
19 <sup>th</sup> March 2020	Meeting	Second meeting to discuss the Applicant's early responses to the MMO relevant representation comments



**Table 2.2 Marine Geology, Oceanography and Physical Processes**

ID	Topic	Statement	East Anglia ONE North Limited Position	East Anglia TWO Limited Position	Marine Management Organisation Position	Notes
<b>Environmental Impact Assessment</b>						
MMO-001	Existing Environment	Existing and project-specific survey data is sufficient to inform the assessment.	Agreed	Agreed	Agreed	<p>Discussed at Evidence Plan meetings as outlined in <b>Table 2.1</b> which agreed the approach to drafting of the existing environment.</p> <p>Comments received on the Existing Environment from the MMO in their Section 42 response were addressed for the ES (see Appendix 6.3.7.1, (APP-454)).</p> <p>No comments on the Existing Environment were received from the MMO in their Relevant Representation.</p>
MMO-002	Assessment Methodology	The impact assessment methodologies used for the EIA provide an appropriate approach to assessing potential impacts of the projects.	Agreed	Agreed	Agreed	<p>Discussed at Evidence Plan meetings as outlined in <b>Table 2.1</b> which agreed the approach to assessment methodologies.</p> <p>Comments received on the Assessment Methodology from the MMO in their Section 42 response were addressed for the ES (see Appendix 6.3.7.1, (APP-469)).</p>



ID	Topic	Statement	East Anglia ONE North Limited Position	East Anglia TWO Limited Position	Marine Management Organisation Position	Notes
						No comments on the Assessment Methodology were received from the MMO in their Relevant Representation.
		The worst case scenario presented in the assessment is appropriate.	Agreed.	Agreed	Agreed	<p>Discussed at Evidence Plan meetings as outlined in <b>Table 2.1</b> which agreed the approach to worst case scenario.</p> <p>Comments received on the worst case from the MMO in their Section 42 response were addressed for the ES (see Appendix 6.3.7.1, (APP-454)).</p> <p>No comments on the worst case scenario were received from the MMO in their Relevant Representation.</p>



ID	Topic	Statement	East Anglia ONE North Limited Position	East Anglia TWO Limited Position	Marine Management Organisation Position	Notes
MMO-003	Assessment Conclusions	The conclusions of the assessment of impacts for construction, operation and decommissioning are agreed.	Agreed	Agreed	Agreed	Comments received on the assessment conclusions from the MMO in their Section 42 response were addressed for the ES (see Appendix 6.3.7.1 (APP-454)).  Comments on the assessment conclusions were received from the MMO in their Relevant Representation. Responses to these are provided in <b>section 4.12, Volume 3</b> of the Applicant's Comments on Relevant Representations (document reference ExA.RR3.D0.V1) <b>and Appendix 2 Wave Climatology Clarification Note</b> (document reference ExA.RRA2.D0.V1) submitted on the 11 <sup>th</sup> of June. Following review of the Applicant's early responses to the MMO's relevant representation, the MMO confirmed during a meeting on 19 <sup>th</sup> March 2020 that they were satisfied with the responses provided.
		The conclusions of the assessment of cumulative impacts are agreed.	Agreed	Agreed	Agreed	Comments received on the assessment conclusions from the MMO in their Section 42 response were addressed for the ES (see Appendix 6.3.7.1 (APP-454)).



ID	Topic	Statement	East Anglia ONE North Limited Position	East Anglia TWO Limited Position	Marine Management Organisation Position	Notes
						<p>Comments on the cumulative assessment conclusions were received from the MMO in their Relevant Representation. Responses to these are provided in <b>Appendix 2 Wave Climatology Clarification Note</b> (document reference ExA.RRA2.D0.V1) of the Applicant's Comments on Relevant Representations (document reference ExA.RR3.D0.V1) submitted on the 11<sup>th</sup> of June.</p> <p>Following review of the Applicant's early responses to the MMO's relevant representation, the MMO confirmed during a meeting on 19<sup>th</sup> March 2020 that they were satisfied with the responses provided.</p>
MMO-004	Mitigation	Given the impacts of the project, the proposed mitigation outlined in the Schedule of Mitigation Offshore (APP-574) and section 7.3.3 of ES Chapter 7 Marine Geology, Oceanography and Physical Processes (APP-055) is appropriate.	Agreed	Agreed	Agreed	<p>Comments received on the assessment conclusions from the MMO in their Section 42 response were addressed for the ES (see Appendix 6.3.7.1 (APP-454)).</p> <p>Comments on mitigation were received from the MMO in their Relevant Representation. Responses to these are provided in <b>Appendix 2 Wave Climatology Clarification Note</b> (document reference ExA.RRA2.D0.V1) of the Applicant's</p>



ID	Topic	Statement	East Anglia ONE North Limited Position	East Anglia TWO Limited Position	Marine Management Organisation Position	Notes
						<p>Comments on Relevant Representations (document reference ExA.RR3.D0.V1) submitted on the 11<sup>th</sup> of June.</p> <p>Following review of the Applicant's early responses to the MMO's relevant representation, the MMO confirmed during a meeting on 19<sup>th</sup> March 2020 that they were satisfied with the responses provided.</p>
<b>Draft Development Consent Order (DCO)</b>						
MMO-005	Wording of DCO Requirements and Deemed Marine Licence (DML) Condition(s)	<p>The wording of the following requirements and conditions pertaining to marine geology, oceanography and physical processes 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;</li> <li>Condition 17(1)(d) of the generation DML and</li> </ul>	Outstanding	Outstanding	Outstanding	Consideration of and engagement in respect of the MMO's DCO and DML comments is ongoing.





ID	Topic	Statement	East Anglia ONE North Limited Position	East Anglia TWO Limited Position	Marine Management Organisation Position	Notes
		<p>Condition 13(1)(d) of the transmission DML with reference to the development of a Construction Method Statement which will include a Cable Laying Plan and details of scour protection management and cable protection.</p> <ul style="list-style-type: none"> <li>Paragraph 2(1)(i) of Part 1 of the generation DML and transmission DML with reference to the maximum volumes of material to be disposed seaward of MHWS within the East Anglia ONE North and East Anglia TWO order limits.</li> <li>Requirement 10 provided within DCO Schedule 1, Part 3 with reference to a decommissioning programme.</li> </ul>				
Other Matters as Required						



ID	Topic	Statement	East Anglia ONE North Limited Position	East Anglia TWO Limited Position	Marine Management Organisation Position	Notes
MMO-006	None	Not applicable.				None

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## 2.2 Marine Water and Sediment Quality

17. Each project has the potential to impact upon marine water and sediment quality. **Chapter 8 Marine Water and Sediment Quality** of the ES (APP-056) provides an assessment of the significance of these impacts.
18. **Table 2.3** provides an overview of meetings and correspondence undertaken with the MMO regarding marine water and sediment quality.
19. **Table 2.4** provides areas of agreement and disagreement with the MMO regarding marine water and sediment quality.
20. Further details on the stakeholder engagement process for marine water and sediment quality can be found in the Consultation Report (APP-029).

**Table 2.3 Summary of Consultation with MMO regarding Marine Water and Sediment Quality**

Date	Contact Type	Topic
<b>Pre-Application</b>		
12 <sup>th</sup> April 2017	Meeting	Agreement of method statement.
9 <sup>th</sup> August 2017	Briefing note	Agreement sought on cable route updates, data collection strategy and approach to EIA.
8 <sup>th</sup> November 2017	Briefing note	Wave modelling: agreement sought on scope of modelling and the cumulative assessment.
15 <sup>th</sup> December 2017	Briefing note	Benthic ecology survey sampling strategy: agreement sought that the benthic sampling strategy for the cable corridor is sufficient for EIA purposes.
27 <sup>th</sup> February 2018	Briefing Note	Formal note sent to all ETG stakeholders outlining minor changes to the cable corridor. Stakeholders asked to confirm they are satisfied with amendments
21 <sup>st</sup> March 2018	Meeting	Expert Topic Group 2 – EIA topics Marine Geology Oceanography & Physical Processes; Benthic Ecology and Fish Ecology discussed with a focus on data requirements and the impacts to be assessed.
21 <sup>st</sup> June 2019	Meeting	Expert Topic Group 3 – EIA topics Marine Geology Oceanography & Physical Processes; Benthic Ecology and Fish Ecology discussed with a focus on potentially contentious stakeholder comments



Date	Contact Type	Topic
		received at section 42 and how these had been addressed by the Applicants.
<b>Post-Application</b>		
14 <sup>th</sup> February 2020	Meeting	First SoCG meeting: To discuss format of SoCG
19 <sup>th</sup> March 2020	Meeting	Second SoCG meeting: To discuss the Applicant's early responses to the MMO relevant representation comments



**Table 2.4 Marine Water and Sediment Quality**

ID	Topic	Statement	East Anglia ONE North Limited Position	East Anglia TWO Limited Position	Marine Management Organisation Position	Notes
<b>Environmental Impact Assessment</b>						
MMO-101	Existing Environment	Sufficient survey data has been collected to inform the assessment.	Agreed	Agreed	Agreed	<p>Discussed at Evidence Plan meetings as outlined in <b>Table 2.3</b> which agreed the approach to Existing Environment.</p> <p>Comments received on the Existing Environment from the MMO in their Section 42 response were addressed for the ES (see Appendix 6.3.8.1 (APP-467)).</p> <p>No comments on the Existing Environment were received from the MMO in their Relevant Representation.</p>
MMO-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	<p>Discussed at Evidence Plan meetings as outlined in <b>Table 2.3</b> which agreed the approach to assessment methodologies.</p> <p>Comments received on the Assessment Methodology from the MMO in their Section 42 response were addressed for the ES (see Appendix 6.3.8.1 (APP-467)).</p> <p>No comments on the Assessment Methodology were received from the MMO in their Relevant Representation.</p>



ID	Topic	Statement	East Anglia ONE North Limited Position	East Anglia TWO Limited Position	Marine Management Organisation Position	Notes
		The worst case scenario presented in the assessment is appropriate.	Agreed	Agreed	Agreed	Discussed at Evidence Plan meetings as outlined in <b>Table 2.3</b> which agreed the approach to the worst case scenario.  Comments received on the worst case scenario from the MMO in their Section 42 response were addressed for the ES (see Appendix 6.3.8.1 (APP-467)).  No comments on the worst case scenario were received from the MMO in their Relevant Representation.
MMO-103	Assessment Conclusions	The conclusions of the assessment of impacts for construction, operation and decommissioning are agreed.	Agreed	Agreed	Agreed	Discussed at Evidence Plan meetings as outlined in <b>Table 2.3</b> which agreed the approach to the assessment of the conclusions of impacts.  Comments received on the conclusions of impacts from the MMO in their Section 42 response were addressed for the ES (see Appendix 6.3.8.1 (APP-469)).  No comments on the conclusions of impacts were received from the MMO in their Relevant Representation.
		The conclusions of the assessment of cumulative impacts are agreed.	Agreed	Agreed	Agreed	Discussed at Evidence Plan meetings as outlined in <b>Table 2.3</b> which agreed the approach to the assessment of the conclusions of cumulative impacts.



ID	Topic	Statement	East Anglia ONE North Limited Position	East Anglia TWO Limited Position	Marine Management Organisation Position	Notes
						<p>Comments received on the conclusions of cumulative impacts from the MMO in their Section 42 response were addressed for the ES (see Appendix 6.3.8.1 (APP-467)).</p> <p>No comments on the conclusions of cumulative impacts were received from the MMO in their Relevant Representation.</p>
MMO-104	Mitigation	Given the impacts of the project, the proposed mitigation outlined in the Schedule of Mitigation Offshore (APP-574) and section 8.3.3 of ES Chapter 8 Marine Water and Sediment Quality (APP-056) is appropriate.	Agreed	Agreed	Agreed	<p>Discussed at Evidence Plan meetings as outlined in <b>Table 2.3</b> which agreed the approach to mitigation measures.</p> <p>Comments received on mitigation from the MMO in their Section 42 response were addressed for the ES (see Appendix 6.3.8.1 (APP-467)).</p> <p>No comments on mitigation were received from the MMO in their Relevant Representation.</p>
<b>Draft Development Consent Order (DCO)</b>						
MMO-105	Wording of DCO Requirements and DML Conditions	The wording of the following requirements and conditions pertaining to marine water and sediment	Outstanding	Outstanding	Outstanding	Consideration of and engagement in respect of the MMO's DCO and DML comments is ongoing.



ID	Topic	Statement	East Anglia ONE North Limited Position	East Anglia TWO Limited Position	Marine Management Organisation Position	Notes
		<p>quality are appropriate and adequate:</p> <ul style="list-style-type: none"> <li>Condition 17(1)(e)(i) of the generation DML and Condition 13(1)(e)(i) of the transmission DML with reference to the Marine Pollution Contingency Plan (within the Project Environmental Management Plan) to minimise impacts of spills and discharges on the marine environment.</li> <li>Condition 17(1)(d) of the generation DML and Condition 13(1)(d) of the transmission DML with reference to a Construction Method Statement.</li> </ul>				
<b>Other Matters as Required</b>						





ID	Topic	Statement	East Anglia ONE North Limited Position	East Anglia TWO Limited Position	Marine Management Organisation Position	Notes
MMO-106	None	Not applicable.				None

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## 2.3 Benthic Ecology

21. Each project has the potential to impact upon benthic ecology. **Chapter 9 Benthic Ecology** of the ES (APP-057) provides an assessment of the significance of these impacts.
22. **Table 2.5** provides an overview of meetings and correspondence undertaken with the MMO regarding benthic ecology.
23. **Table 2.6** provides areas of agreement and disagreement with the MMO regarding benthic ecology.
24. Further details on the stakeholder engagement process for benthic ecology can be found in the Consultation Report (APP-029).

**Table 2.5 Summary of Consultation with MMO regarding Benthic Ecology**

Date	Contact Type	Topic
<b>Pre-Application</b>		
12 <sup>th</sup> April 2017	Meeting	Agreement of method statement.
9 <sup>th</sup> August 2017	Briefing note	Agreement sought on cable route updates, data collection strategy and approach to EIA.
8 <sup>th</sup> November 2017	Briefing note	Wave modelling: agreement sought on scope of modelling and the cumulative assessment.
15 <sup>th</sup> December 2017	Briefing note	Benthic ecology survey sampling strategy: agreement sought that the benthic sampling strategy for the cable corridor is sufficient for EIA purposes.
27 <sup>th</sup> February 2018	Briefing Note	Formal note sent to all ETG stakeholders outlining minor changes to the cable corridor. Stakeholders asked to confirm they are satisfied with amendments
21 <sup>st</sup> March 2018	Meeting	Expert Topic Group 2 – EIA topics Marine Geology Oceanography & Physical Processes; Benthic Ecology and Fish Ecology discussed with a focus on data requirements and the impacts to be assessed.
21 <sup>st</sup> June 2019	Meeting	Expert Topic Group 3 – EIA topics Marine Geology Oceanography & Physical Processes; Benthic Ecology and Fish Ecology discussed with a focus on potentially contentious stakeholder comments



Date	Contact Type	Topic
		received at section 42 and how these had been addressed by the Applicants.
<b>Post-Application</b>		
14 <sup>th</sup> February 2020	Meeting	First SoCG meeting: To discuss format of SoCG
19 <sup>th</sup> March 2020	Meeting	Second SoCG meeting: To discuss the Applicant's early responses to the MMO relevant representation comments



**Table 2.6 Benthic Ecology**

ID	Topic		East Anglia ONE North Limited position	East Anglia TWO Limited position	MMO position	Notes
<b>Environmental Impact Assessment</b>						
MMO-201	Existing Environment	Sufficient survey data has been collected to inform the assessment.	Agreed.	Agreed	Agreed	<p>Discussed at Evidence Plan meetings as outlined in <b>Table 2.5</b> which agreed the approach to Existing Environment.</p> <p>Comments received on the Existing Environment from the MMO in their Section 42 response were addressed for the ES (see Appendix 6.3.9.1 (APP-458)).</p> <p>Comments on the Existing Environment were received from the MMO in their Relevant Representation. Responses to these are provided in <b>section 4.12, Volume 3</b> of the Applicant's Comments on Relevant Representations (document reference ExA.RR3.D0.V1) submitted on the 11<sup>th</sup> of June.</p> <p>Following review of the Applicant's early responses to the MMO's relevant representation, the MMO confirmed during a meeting on 19<sup>th</sup> March 2020 that they were satisfied with the responses provided.</p>
MMO-202	Assessment Methodology	The impact assessment methodologies used for the EIA provide an appropriate approach to assessing potential impacts of the project.	Agreed	Agreed	Agreed	<p>Discussed at Evidence Plan meetings as outlined in <b>Table 2.5</b> which agreed the approach to assessment methodologies.</p> <p>Comments received on the Assessment Methodology from the MMO in their Section 42 response were addressed for the ES (see Appendix 6.3.9.1 (APP-458)).</p>



ID	Topic		East Anglia ONE North Limited position	East Anglia TWO Limited position	MMO position	Notes
						<p>Comments on the assessment methodology were received from the MMO in their Relevant Representation. Responses to these are provided in <b>section 4.12, Volume 3</b> of the Applicant's Comments on Relevant Representations (document reference ExA.RR3.D0.V1) submitted on the 11<sup>th</sup> of June.</p> <p>Following review of the Applicant's early responses to the MMO's relevant representation, the MMO confirmed during a meeting on 19<sup>th</sup> March 2020 that they were satisfied with the responses provided.</p>
		The worst case scenario presented in the assessment is appropriate.	Agreed	Agreed	Agreed	<p>Discussed at Evidence Plan meetings as outlined in <b>Table 2.5</b> which agreed the approach to the worst case scenario.</p> <p>Comments received on the worst case scenario from the MMO in their Section 42 response were addressed for the ES (see Appendix 6.3.9.1 (APP-458)).</p> <p>No comments on the worst case scenario were received from the MMO in their Relevant Representation.</p>
MMO-203	Assessment Conclusions	The conclusions of the assessment of impacts for construction, operation and decommissioning are agreed.	Agreed	Agreed	Agreed	<p>Discussed at Evidence Plan meetings as outlined in <b>Table 2.5</b> which agreed the approach to the assessment of the conclusions of impacts.</p> <p>Comments received on the conclusions of impacts from the MMO in their Section 42 response were addressed for the ES (see Appendix 6.3.9.1 (APP-458)).</p>



ID	Topic	East Anglia ONE North Limited position	East Anglia TWO Limited position	MMO position	Notes
					<p>Comments on the assessment conclusions were received from the MMO in their Relevant Representation. Responses to these are provided in <b>section 4.12, Volume 3</b> of the Applicant's Comments on Relevant Representations (document reference ExA.RR3.D0.V1) submitted on the 11<sup>th</sup> of June.</p> <p>Following review of the Applicant's early responses to the MMO's relevant representation, the MMO confirmed during a meeting on 19<sup>th</sup> March 2020 that they were satisfied with the responses provided.</p>
		The conclusions of the assessment of cumulative impacts are agreed.	Outstanding	Outstanding	<p>Discussed at Evidence Plan meetings as outlined in <b>Table 2.5</b> which agreed the approach to the assessment of the conclusions of impacts.</p> <p>Comments received on the conclusions of impacts from the MMO in their Section 42 response were addressed for the ES (see Appendix 6.3.9.1 (APP-458)).</p> <p>Comments on the cumulative assessment conclusions were received from the MMO in their Relevant Representation. Responses to these are provided in <b>section 4.12, Volume 3</b> of the Applicant's Comments on Relevant Representations (document reference ExA.RR3.D0.V1) submitted on the 11<sup>th</sup> of June.</p> <p>During the meeting on the 19<sup>th</sup> March the MMO raised a further comment regarding the cumulative spread of non-native species. The Applicants have provided an updated response to</p>



ID	Topic		East Anglia ONE North Limited position	East Anglia TWO Limited position	MMO position	Notes
						this in <b>section 4.12, Volume 3</b> of their Comments on Relevant Representations (document reference ExA.RR3.D0.V1) and is awaiting a response from the MMO on whether this is sufficient.
MMO-204	Mitigation and Monitoring	Given the impacts of the project, the proposed mitigation outlined in the Schedule of Mitigation Offshore (APP-574) and section 9.3.3 of ES Chapter 9 Benthic Ecology (APP-057) is appropriate.	Outstanding	Outstanding	Outstanding	<p>Discussed at Evidence Plan meetings as outlined in <b>Table 2.5</b> which agreed the approach to mitigation measures.</p> <p>Comments received on mitigation from the MMO in their Section 42 response were addressed for the ES (see Appendix 6.3.9.1 (APP-458)).</p> <p>A comment on monitoring of benthic species was provided by the MMO in their relevant representation. The Applicants provided a response to this which the MMO has reviewed, however at the meeting on the 19<sup>th</sup> of March the MMO requested further clarity on this and so an updated response has been provided in the Applicants' comments to the MMO's relevant representation (see <b>section 4.12, Volume 3 Technical Stakeholders</b> (document reference ExA.RR3.D0.V1)).</p>
<b>Draft Development Consent Order (DCO)</b>						
MMO-205	Wording of DCO Requirements	The wording of the following requirements and conditions pertaining to	Outstanding	Outstanding	Outstanding	Consideration of and engagement in respect of the MMO's DCO and DML comments is ongoing.



ID	Topic	East Anglia ONE North Limited position	East Anglia TWO Limited position	MMO position	Notes
	and DML Conditions	<p>benthic ecology are appropriate and adequate:</p> <ul style="list-style-type: none"><li>• Condition 17(1)(d) of the generation DML and Condition 13(1)(d) of the transmission DML with reference to the development of a Construction Method Statement which will include a Cable Laying Plan and details of scour protection management and cable protection.</li><li>• Condition 20(2)(a) of the generation DML and Condition 16(2)(a) of the transmission DML with reference to pre-construction surveys to determine the location and extent of any <i>Sabellaria spinulosa</i> reef, which will subsequently inform the Design Plan.</li></ul>			





ID	Topic	East Anglia ONE North Limited position	East Anglia TWO Limited position	MMO position	Notes
	<ul style="list-style-type: none"> <li>Condition 17(1)(e)(i) of the generation DML and Condition 13(1)(e)(i) of the transmission DML with reference to the Marine Pollution Contingency Plan (within the Project Environmental Management Plan) to minimise spread of marine non-native invasive species (MNNS).</li> </ul>				
<b>Other Matters as Required</b>					
MMO-206	None	Not applicable.			None



## 2.4 Fish and Shellfish Ecology

25. Each project has the potential to impact upon fish and shellfish ecology. **Chapter 10 Fish and Shellfish Ecology** of the ES (APP-058) provides an assessment of the significance of these impacts.
26. **Table 2.7** provides an overview of meetings and correspondence undertaken with the MMO regarding fish and shellfish ecology.
27. **Table 2.8** provides areas of agreement and disagreement with the MMO regarding fish and shellfish ecology
28. Further details on the stakeholder engagement process for fish and shellfish ecology can be found in the Consultation Report (APP-029).

**Table 2.7 Summary of Consultation with the MMO regarding Fish and Shellfish Ecology**

Date	Contact Type	Topic
<b>Pre-Application</b>		
12 <sup>th</sup> April 2017	Meeting	Agreement of method statement.
9 <sup>th</sup> August 2017	Briefing note	Agreement sought on cable route updates, data collection strategy and approach to EIA.
8 <sup>th</sup> November 2017	Briefing note	Wave modelling: agreement sought on scope of modelling and the cumulative assessment.
15 <sup>th</sup> December 2017	Briefing note	Benthic ecology survey sampling strategy: agreement sought that the benthic sampling strategy for the cable corridor is sufficient for EIA purposes.
27 <sup>th</sup> February 2018	Briefing Note	Formal note sent to all ETG stakeholders outlining minor changes to the cable corridor. Stakeholders asked to confirm they are satisfied with amendments
21 <sup>st</sup> March 2018	Meeting	Expert Topic Group 2 – EIA topics Marine Geology Oceanography & Physical Processes; Benthic Ecology and Fish Ecology discussed with a focus on data requirements and the impacts to be assessed.
21 <sup>st</sup> June 2019	Meeting	Expert Topic Group 3 – EIA topics Marine Geology Oceanography & Physical Processes; Benthic Ecology and Fish Ecology discussed with a focus on potentially contentious stakeholder comments received at section 42 and how these had been addressed by the Applicant.



Date	Contact Type	Topic
<b>Post-Application</b>		
14 <sup>th</sup> February 2020	Meeting	First SoCG meeting: To discuss format of SoCG
19 <sup>th</sup> March 2020	Meeting	Second SoCG meeting: To discuss the Applicant's early responses to the MMO relevant representation comments

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**Table 2.8 Fish and Shellfish Ecology**

ID	Topic	Statement	East Anglia ONE North Limited Position	East Anglia TWO Limited Position	Marine Management Organisation Position	Notes
<b>Environmental Impact Assessment</b>						
MMO-301	Existing Environment	Sufficient survey data has been collected to inform the assessment.	Outstanding	Outstanding	Outstanding	<p>Discussed at Evidence Plan meetings as outlined in <b>Table 2.7</b> which agreed the approach to Existing Environment.</p> <p>Comments received on the Existing Environment from the MMO in their Section 42 response were addressed for the ES (see Appendix 6.3.10.1 (APP-462)).</p> <p>Comments on the Existing Environment were received from the MMO in their Relevant Representation. Responses to these are provided in <b>section 4.12, Volume 3</b> of the Applicant's Comments on Relevant Representations (document reference ExA.RR3.D0.V1) submitted on the 11<sup>th</sup> of June.</p> <p>Following review of the Applicant's early responses to the MMO's relevant representation, the MMO requested during a meeting on 19<sup>th</sup> March 2020 that additional figures displaying 10 year IHLS data for the January surveys only be mapped against noise contours for both the fleeing and stationary models. These are now provided in <b>Figures 6 and 7</b> of the <b>Fish and Shellfish Ecology Clarification Note</b></p>



ID	Topic	Statement	East Anglia ONE North Limited Position	East Anglia TWO Limited Position	Marine Management Organisation Position	Notes
						(document reference ExA.RRA3.D0.V1), which the Applicants hope will allow for agreement on this point with the MMO.
MMO-302	Assessment Methodology	The impact assessment methodologies used for the EIA provide an appropriate approach to assessing potential impacts of the project.	Outstanding	Outstanding	Outstanding	<p>Discussed at Evidence Plan meetings as outlined in <b>Table 2.7</b> which agreed the approach to assessment methodologies.</p> <p>Comments received on the Assessment Methodology from the MMO in their Section 42 response were addressed for the ES (see Appendix 6.3.10.1 (APP-463)).</p> <p>Comments on the assessment methodology were received from the MMO in their Relevant Representation. Responses to these are provided in <b>section 4.12, Volume 3</b> of the Applicant's Comments on Relevant Representations (document reference ExA.RR3.D0.V1) submitted on the 11<sup>th</sup> of June.</p> <p>Following review of the Applicant's early responses to a number of the MMO's relevant representation, the MMO agreed at a meeting on the 19<sup>th</sup> March that whilst their relevant representation requested single strike sound exposure levels (SELss) to be mapped to understand potential impact ranges, peak Sound Pressure Level (SPL<sub>peak</sub>) ranges could instead be</p>



ID	Topic	Statement	East Anglia ONE North Limited Position	East Anglia TWO Limited Position	Marine Management Organisation Position	Notes
						mapped against a 'heat map' of herring spawning data from IHLS January surveys. The Applicant has provided an updated response to this in their Comments on Relevant Representations (document reference ExA.RR3.D0.V1) submitted on the 11 <sup>th</sup> June and has provided figures within <b>Appendix 3 Fish Clarification Note</b> (document reference ExA.RRA3.D0.V1).
		The worst case scenario presented in the assessment is appropriate.	Agreed	Agreed	Agreed	<p>Discussed at Evidence Plan meetings as outlined in <b>Table 2.7</b> which agreed the approach to the worst case scenario.</p> <p>Comments received on the worst case scenario from the MMO in their Section 42 response were addressed for the ES (see Appendix 6.3.10.1 (APP-462)).</p> <p>Comments on the worst case scenario were received from the MMO in their Relevant Representation. Responses to these are provided in <b>section 4.12, Volume 3</b> of the Applicant's Comments on Relevant Representations (document reference ExA.RR3.D0.V1) submitted on the 11<sup>th</sup> of June.</p> <p>Following review of the Applicant's early responses to the MMO's relevant representation, the MMO</p>



ID	Topic	Statement	East Anglia ONE North Limited Position	East Anglia TWO Limited Position	Marine Management Organisation Position	Notes
						confirmed during a meeting on 19 <sup>th</sup> March 2020 that they were satisfied with the responses provided.
MMO-303	Assessment Conclusions	The conclusions of the assessment of impacts for construction, operation and decommissioning are agreed.	Agreed	Agreed	Agreed	<p>Discussed at Evidence Plan meetings as outlined in <b>Table 2.7</b> which agreed the approach to the assessment of the conclusions of impacts.</p> <p>Comments received on the conclusions of impacts from the MMO in their Section 42 response were addressed for the ES (see Appendix 6.3.10.1 (APP-462)).</p> <p>Comments on the assessment conclusions were received from the MMO in their Relevant Representation. Responses to these are provided in <b>section 4.12, Volume 3</b> of the Applicant's Comments on Relevant Representations (document reference ExA.RR3.D0.V1) submitted on the 11<sup>th</sup> of June.</p> <p>Following review of the Applicant's early responses to the MMO's relevant representation, the MMO confirmed during a meeting on 19<sup>th</sup> March 2020 that they were satisfied with the responses provided.</p>
		The conclusions of the assessment of cumulative impacts are agreed.	Agreed	Agreed	Agreed	Discussed at Evidence Plan meetings as outlined in <b>Table 2.7</b> which agreed the approach to the assessment of the conclusions of impacts.



ID	Topic	Statement	East Anglia ONE North Limited Position	East Anglia TWO Limited Position	Marine Management Organisation Position	Notes
						<p>Comments received on the conclusions of impacts from the MMO in their Section 42 response were addressed for the ES (see Appendix 6.3.10.1 (APP-462)).</p> <p>Comments on the cumulative assessment conclusions were received from the MMO in their Relevant Representation. Responses to these are provided in <b>section 4.12, Volume 3</b> of the Applicant's Comments on Relevant Representations (document reference ExA.RR3.D0.V1) submitted on the 11<sup>th</sup> of June. Following review of the Applicant's early responses to the MMO's relevant representation, the MMO confirmed during a meeting on 19<sup>th</sup> March 2020 that they were satisfied with the responses provided.</p>
MMO-304	Mitigation and Monitoring	Given the impacts of the project, the proposed mitigation outlined in the Schedule of Mitigation Offshore (APP-574) and section 10.3.3 of ES Chapter 10 Fish and Shellfish Ecology (APP-058) is appropriate.	Outstanding	Outstanding	Outstanding	<p>Discussed at Evidence Plan meetings as outlined in <b>Table 2.7</b> which agreed the approach to mitigation measures.</p> <p>Comments received on mitigation from the MMO in their Section 42 response were addressed for the ES (see Appendix 6.3.10.1 (APP-462)).</p> <p>Following review of the Applicant's early responses to the MMO's relevant representation, the MMO confirmed during a meeting on 19<sup>th</sup> March 2020 that</p>





ID	Topic	Statement	East Anglia ONE North Limited Position	East Anglia TWO Limited Position	Marine Management Organisation Position	Notes
						additional information with regard to potential sandeel monitoring was required. The Applicant has therefore provided an updated response in <b>section 4.12, Volume 3</b> of the Applicant's Comments on Relevant Representations (document reference ExA.RR3.D0.V1).
<b>Draft Development Consent Order (DCO)</b>						
MMO-305	Wording of DCO Requirements and DML Conditions	<p>The wording of the following requirements and conditions pertaining to fish and shellfish ecology are appropriate and adequate:</p> <ul style="list-style-type: none"> <li>Condition 17(1)(d) of the generation DML and Condition 13(1)(d) of the transmission DML with reference to the development of a Construction Method Statement which will include a Cable Laying Plan which will provide details of measures which seek to reduce the effect of EMF and</li> </ul>	Outstanding	Outstanding	Outstanding	Consideration of and engagement in respect of the MMO's DCO and DML comments is ongoing.



ID	Topic	Statement	East Anglia ONE North Limited Position	East Anglia TWO Limited Position	Marine Management Organisation Position	Notes
		<p>the need for surface cable protection.</p> <ul style="list-style-type: none"> <li>Condition 17(1)(b) of the generation DML and Condition 13(1)(b) of the transmission DML with reference to the development of a construction programme.</li> <li>Condition 16(1)(b) and (c) of the generation DML and Condition 12(1)(b) and (c) of the transmission DML with reference to a marine mammal mitigation protocol and Site Integrity Plan in order to minimise the impact of noise on fish and shellfish arising as a result of UXO clearance activities.</li> <li>Condition 17(1)(f) and (2) of the generation DML and Condition 13(1)(f) and (2) of the transmission DML with</li> </ul>				



ID	Topic	Statement	East Anglia ONE North Limited Position	East Anglia TWO Limited Position	Marine Management Organisation Position	Notes
		reference to the marine mammal mitigation protocol and Site Integrity Plan in respect of piling activities.				
<b>Other Matters as Required</b>						
MMO-306	None	Not applicable.				None



## 2.5 Commercial Fisheries

29. Each project has the potential to impact upon commercial fisheries. **Chapter 13 Commercial Fisheries** of the ES (APP-061) provides an assessment of the significance of these impacts.
30. **Table 2.9** provides an overview of meetings and correspondence undertaken with the MMO regarding commercial fisheries.
31. **Table 2.10** provides areas of agreement and disagreement with the MMO regarding commercial fisheries.
32. Further details on the stakeholder engagement process for commercial fisheries can be found in the Consultation Report (APP-029).

**Table 2.9 Summary of Consultation with the MMO regarding Commercial Fisheries**

Date	Contact Type	Topic
<b>Pre-Application</b>		
23 <sup>rd</sup> July 2018	Telephone meeting	To canvas information on relevant commercial fishing practices
<b>Post-Application</b>		
14 <sup>th</sup> February 2020	Meeting	First SoCG meeting: To discuss format of SoCG
19 <sup>th</sup> March 2020	Meeting	Second SoCG meeting: To discuss the Applicant's early responses to the MMO relevant representation comments



**Table 2.10 Commercial Fisheries**

ID	Topic	Statement	East Anglia ONE North Limited Position	East Anglia TWO Limited Position	Marine Management Organisation Position	Notes
<b>Environmental Impact Assessment</b>						
MMO-401	Existing Environment	Sufficient survey data has been collected to inform the assessment.	Agreed	Agreed	Agreed	<p>Discussed at Evidence Plan meetings as outlined in <b>Table 2.9</b> which agreed the approach to Existing Environment.</p> <p>Comments received on the Existing Environment from the MMO in their Section 42 response were addressed for the ES (see Appendix 6.3.13.1 (APP-472)).</p> <p>Comments on the Existing Environment were received from the MMO in their Relevant Representation. Responses to these are provided in <b>section 4.12, Volume 3</b> of the Applicant's Comments on Relevant Representations (ExA.RR3.D0.V1) submitted on the 11<sup>th</sup> of June.</p> <p>Following review of the Applicant's early responses to the MMO's relevant representation, the MMO confirmed during a meeting on 19<sup>th</sup> March 2020 that they were satisfied with the responses provided.</p>
MMO-402	Assessment Methodology	The impact assessment methodologies used for the EIA provide an appropriate approach to assessing	Agreed	Agreed	Agreed	Discussed at Evidence Plan meetings as outlined in <b>Table 2.9</b> which agreed the approach to assessment methodologies.



ID	Topic	Statement	East Anglia ONE North Limited Position	East Anglia TWO Limited Position	Marine Management Organisation Position	Notes
		potential impacts of the project.				Comments received on the Assessment Methodology from the MMO in their Section 42 response were addressed for the ES (see Appendix 6.3.13.1 (APP-472)).  No comments on the assessment methodology were received from the MMO in their Relevant Representation.
		The worst case scenario presented in the assessment is appropriate.	Agreed	Agreed	Agreed	Discussed at Evidence Plan meetings as outlined in <b>Table 2.9</b> which agreed the approach to the worst case scenario.  Comments received on the worst case scenario from the MMO in their Section 42 response were addressed for the ES (see Appendix 6.3.13.1 (APP-472)).  No comments on the worst case scenario were received from the MMO in their Relevant Representation.
MMO-403	Assessment Conclusions	The conclusions of the assessment of impacts for construction, operation and decommissioning are agreed.	Agreed	Agreed	Agreed	Discussed at Evidence Plan meetings as outlined in <b>Table 2.9</b> which agreed the approach to the assessment of the conclusions of impacts.  Comments received on the conclusions of impacts from the MMO in their Section 42 response were



ID	Topic	Statement	East Anglia ONE North Limited Position	East Anglia TWO Limited Position	Marine Management Organisation Position	Notes
						<p>addressed for the ES (see Appendix 6.3.13.1 (APP-472)).</p> <p>A comment on the assessment conclusions were received from the MMO in their Relevant Representation. The response to this is provided in <b>section 4.12, Volume 3</b> of the Applicant's Comments on Relevant Representations (document reference ExA.RR3.D0.V1) submitted on the 11<sup>th</sup> of June.</p> <p>Following review of the Applicant's early responses to the MMO's relevant representation, the MMO confirmed during a meeting on 19<sup>th</sup> March 2020 that they were satisfied with the responses provided.</p>
		The conclusions of the assessment of cumulative impacts are agreed.	Agreed	Agreed	Agreed	<p>Discussed at Evidence Plan meetings as outlined in <b>Table 2.9</b> which agreed the approach to the assessment of the conclusions of impacts.</p> <p>Comments received on the conclusions of cumulative impacts from the MMO in their Section 42 response were addressed for the ES (see Appendix 6.3.13.1 (APP-472)).</p> <p>No comments on the conclusions of cumulative impacts were received from the MMO in their Relevant Representation.</p>



ID	Topic	Statement	East Anglia ONE North Limited Position	East Anglia TWO Limited Position	Marine Management Organisation Position	Notes
MMO-404	Mitigation	Given the impacts of the project, the proposed mitigation outlined in the Schedule of Mitigation Offshore (APP-574) and section 13.3.3 of ES Chapter 13 Commercial Fisheries (APP-061) is appropriate.	Agreed	Agreed	Agreed	<p>Discussed at Evidence Plan meetings as outlined in <b>Table 2.9</b> which agreed the approach to mitigation measures.</p> <p>Comments received on mitigation from the MMO in their Section 42 response were addressed for the ES (see Appendix 6.3.13.1 (APP-472)).</p> <p>A comment on mitigation was received from the MMO in their Relevant Representation. The response to this is provided in <b>section 4.12, Volume 3</b> of the Applicant's Comments on Relevant Representations (document reference ExA.RR3.D0.V1) submitted on the 11<sup>th</sup> of June.</p> <p>Following review of the Applicant's early responses to the MMO's relevant representation, the MMO confirmed during a meeting on 19<sup>th</sup> March 2020 that they were satisfied with the responses provided.</p>
<b>Draft Development Consent Order (DCO)</b>						
MMO-405	Wording of DCO Requirements and DML Conditions	The wording of the following requirements and conditions pertaining to commercial fisheries are appropriate and adequate:	Outstanding	Outstanding	Outstanding	Consideration of and engagement in respect of the MMO's DCO and DML comments is ongoing.





ID	Topic	Statement	East Anglia ONE North Limited Position	East Anglia TWO Limited Position	Marine Management Organisation Position	Notes
		<ul style="list-style-type: none"> <li>Condition 17(1)(e)(iv) and (v) of the generation DML and Condition 13(1)(e)(iv) and (v) of the transmission DML with reference to the appointment of a fisheries liaison officer and the submission and approval of a fisheries liaison and coexistence plan in order to minimise risks of navigational hazards and snagging of fishing gear.</li> <li>Condition 17(1)(d)(ii) and (iii) of the generation DML and Condition 13(1)(d)(ii) and (iii) of the transmission DML with reference to cable specification, installation and monitoring and cable protection.</li> <li>Condition 14(7) and (10) of the generation DML and Condition 10(7) and (10) of the transmission DML with reference to</li> </ul>				



ID	Topic	Statement	East Anglia ONE North Limited Position	East Anglia TWO Limited Position	Marine Management Organisation Position	Notes
		<p>the dropped objects procedure.</p> <ul style="list-style-type: none"> <li>Condition 10 of the generation DML and Condition 6 of the transmission DML with reference to notifications to mariners, UK Hydrographic Office, Kingfisher and other navigational warnings to be issued to the fishing industry prior to all survey and construction works.</li> <li>Requirement 10 provided within DCO Schedule 1, Part 3 with reference to a decommissioning programme.</li> </ul>				
<b>Other Matters as Required</b>						
MMO-406	None	Not applicable.				None



## 2.6 Marine Mammals

33. Each project has the potential to impact upon marine mammals. **Chapter 11 Marine Mammals** of the ES (APP-059) provides an assessment of the significance of these impacts.
34. **Table 2.11** provides an overview of meetings and correspondence undertaken with the MMO regarding marine mammals.
35. **Table 2.12** provides areas of agreement and disagreement with the MMO regarding marine mammals.
36. Further details on the stakeholder engagement process for marine mammals can be found in the Consultation Report (APP-029).

**Table 2.11 Summary of Consultation with the MMO regarding Marine Mammals**

Date	Contact Type	Topic
<b>Pre-Application</b>		
30 <sup>th</sup> May 2017	Meeting	Expert Topic Group 1 – Marine Mammal survey methodology and impacts to be assessed: agreement sought that the scope is sufficient for EIA purposes.
25 <sup>th</sup> September 2017	Meeting	Marine Mammals Method Statement- and further comments received from stakeholders
27 <sup>th</sup> February 2018	Briefing Note	Formal note sent to all ETG stakeholders outlining minor changes to the cable corridor. Stakeholders asked to confirm they are satisfied with amendments
6 <sup>th</sup> March 2018	Meeting	Expert Topic Group 2- Agreement sought: items to be scoped out of EIA – EMF effects, physical barrier effects and disturbance at seal haul out sites. Agreement sought regarding marine mammal density estimates, population data and underwater noise modelling.
9 <sup>th</sup> January 2019	Meeting	Expert Topic Group 3- Agreement sought – approach regarding the cumulative impact assessment with other projects, commitment regarding concurrent piling and proposed mitigation strategy via the Site Integrity Plan.
21 <sup>st</sup> June 2018	Meeting	Expert Topic Group 4 – Agreement sought: Presentation of NOAA criteria in the ES and



Date	Contact Type	Topic
		approach to consultation and SIP and MMMP sign off.
<b>Post-Application</b>		
14 <sup>th</sup> February 2020	Meeting	First SoCG meeting: To discuss format of SoCG
19 <sup>th</sup> March 2020	Meeting	Second SoCG meeting: To discuss the Applicant's early responses to the MMO relevant representation comments



Table 2.12 Marine Mammals

ID	Topic	Statement	East Anglia ONE North Limited Position	East Anglia TWO Limited Position	Marine Management Organisation Position	Notes
<b>Environmental Impact Assessment</b>						
MMO-501	Existing Environment	Sufficient survey data has been collected to inform the assessment.	Agreed	Agreed	Agreed	<p>Discussed at Evidence Plan meetings as outlined in <b>Table 2.11</b> which agreed the approach to the Existing Environment.</p> <p>Comments received on the Existing Environment from the MMO in their Section 42 response were addressed for the ES (see Appendix 6.3.11.1 (APP-465)).</p> <p>No comments on the Existing Environment were received from the MMO in their Relevant Representation..</p>
MMO-502	Assessment Methodology	The impact assessment methodologies used for the EIA provide an appropriate approach to assessing potential impacts of the project.	Agreed	Agreed	Agreed	<p>Discussed at Evidence Plan meetings as outlined in <b>Table 2.11</b> which agreed the approach to assessment methodologies.</p> <p>Comments received on the Assessment Methodology from the MMO in their Section 42 response were addressed for the ES (see Appendix 6.3.11.1 (APP-465)).</p> <p>Comments on the assessment methodology were received from the MMO in their Relevant Representation. Responses to these are provided in</p>



ID	Topic	Statement	East Anglia ONE North Limited Position	East Anglia TWO Limited Position	Marine Management Organisation Position	Notes
						<p><b>section 4.12, Volume 3</b> of the Applicant's Comments on Relevant Representations (document reference ExA.RR3.D0.V1) submitted on the 11<sup>th</sup> of June.</p> <p>Following review of the Applicant's early responses to the MMO's relevant representation, the MMO confirmed during a meeting on 19<sup>th</sup> March 2020 that they were satisfied with the responses provided.</p>
		The worst case scenario presented in the assessment is appropriate.	Agreed	Agreed	Agreed	<p>Discussed at Evidence Plan meetings as outlined in <b>Table 2.11</b> which agreed the approach to the worst case scenario.</p> <p>Comments received on the worst case scenario from the MMO in their Section 42 response were addressed for the ES (see Appendix 6.3.11.1 (APP-465)).</p> <p>No comments on the worst case scenario were received from the MMO in their Relevant Representation.</p>
MMO-503	Assessment Conclusions	The conclusions of the assessment of impacts for construction, operation and decommissioning are agreed.	Agreed	Agreed	Agreed	<p>Discussed at Evidence Plan meetings as outlined in <b>Table 2.11</b> which agreed the approach to the assessment of the conclusions of impacts.</p> <p>Comments received on the conclusions of impacts from the MMO in their Section 42 response were</p>



ID	Topic	Statement	East Anglia ONE North Limited Position	East Anglia TWO Limited Position	Marine Management Organisation Position	Notes
						addressed for the ES (see Appendix 6.3.11.1 (APP-465)).  No comments on the conclusions of the assessment were received from the MMO in their Relevant Representation.
		The conclusions of the assessment of cumulative impacts are agreed.	Agreed	Agreed	Agreed	Discussed at Evidence Plan meetings as outlined in <b>Table 2.11</b> which agreed the approach to the assessment of the conclusions of impacts.  Comments received on the conclusions of cumulative impacts from the MMO in their Section 42 response were addressed for the ES (see Appendix 6.3.11.1 (APP-465)).  No comments on the conclusions of the cumulative assessment were received from the MMO in their Relevant Representation.
MMO-504	Mitigation	Given the impacts of the project, the proposed mitigation outlined in the Schedule of Mitigation Offshore (APP-574) and section 13.3.3 of ES Chapter 11 Marine Mammals (APP-059) is appropriate.	Agreed	Agreed	Agreed	Discussed at Evidence Plan meetings as outlined in <b>Table 2.11</b> which agreed the approach to mitigation measures.  Comments received on mitigation from the MMO in their Section 42 response were addressed for the ES (see Appendix 6.3.11.1 (APP-465)).



ID	Topic	Statement	East Anglia ONE North Limited Position	East Anglia TWO Limited Position	Marine Management Organisation Position	Notes
						<p>Comments on mitigation were received from the MMO in their Relevant Representation. Responses to these are provided in <b>section 4.12, Volume 3</b> of the Applicant's Comments on Relevant Representations (document reference ExA.RR3.D0.V1) submitted at on the 11th of June.</p> <p>Following review of the Applicant's early responses to the MMO's relevant representation, the MMO confirmed during a meeting on 19<sup>th</sup> March 2020 that they were satisfied with the responses provided.</p>
<b>Draft Development Consent Order (DCO)</b>						
MMO-505	Wording of DCO Requirements and DML Conditions	<p>The wording of the following requirements and conditions pertaining to marine mammals are appropriate and adequate:</p> <ul style="list-style-type: none"> <li>Condition 16(1)(b) and (c) of the generation DML and Condition 12(1)(b) and (c) of the transmission DML with reference to a marine mammal mitigation protocol and Site Integrity Plan in order to minimise the impact of noise on marine mammals arising as a</li> </ul>	Outstanding	Outstanding	Outstanding	Consideration of and engagement in respect of the MMO's DCO and DML comments is ongoing.





ID	Topic	Statement	East Anglia ONE North Limited Position	East Anglia TWO Limited Position	Marine Management Organisation Position	Notes
		<p>result of UXO clearance activities.</p> <ul style="list-style-type: none"> <li>Condition 17(1)(f), (2) and (3) of the generation DML and Condition 13(1)(f),(2) and (3) of the transmission DML with reference to the marine mammal mitigation protocol, Site Integrity Plan and hammer energies in respect of piling activities.</li> <li>Requirement 10 provided within DCO Schedule 1, Part 3 with reference to a decommissioning programme.</li> </ul>				
<b>Other Matters as Required</b>						
MMO-506	None	Not applicable.				None



## 2.7 Draft, Outline and In-Principle Plan Documents

37. A number of draft, outline and in-principle plan documents were submitted with the DCO application. **Table 2.13** lists the plans that are relevant to the MMO and details the Applicant's position, the MMO's position and the subsequent agreement status of each of these plans.

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Table 2.13 Draft, Outline and In-Principle Plan Documents

ID	Plan Document	Statement	East Anglia ONE North Limited Position	East Anglia TWO Limited Position	Marine Management Organisation Position	Notes
MMO -601	Draft Marine Mammal Mitigation Protocol (MMMP)	The draft MMMP is agreed	Outstanding	Outstanding	Outstanding	Comments on the draft MMMP were received from the MMO in their Relevant Representation. Responses to these are provided in <b>section 4.12, Volume 3</b> of the Applicant's Comments on Relevant Representations (document reference ExA.RR3.D0.V1) submitted on the 11th of June. The Applicant and the MMO will continue to engage in respect of this document in order to reach agreement.
MMO -602	In-Principle Site Integrity Plan	The In-Principle Site Integrity Plan is agreed	Outstanding	Outstanding	Outstanding	Comments on the In-Principle Site Integrity Plan were received from the MMO in their Relevant Representation. Responses to these are provided in <b>section 4.12, Volume 3</b> of the Applicant's Comments on Relevant Representations (document reference ExA.RR3.D0.V1) submitted on the 11th of June. The Applicant and the MMO will continue to engage in respect of this document in order to reach agreement.
MMO -603	Site Characterisation Report (Windfarm Site)	The Site Characterisation Report (Windfarm Site) is agreed.	Outstanding	Outstanding	Outstanding	Comments on the Site Characterisation Report (Windfarm Site) were received from the MMO in their Relevant Representation. Responses to these are provided in <b>section 4.12, Volume 3</b> of the Applicant's Comments on Relevant Representations (document reference ExA.RR3.D0.V1) submitted on the 11th of June.



ID	Plan Document	Statement	East Anglia ONE North Limited Position	East Anglia TWO Limited Position	Marine Management Organisation Position	Notes
						The Applicant and the MMO will continue to engage in respect of this document in order to reach agreement.
MMO -604	Site Characterisation Report (Offshore Cable Corridor)	The Site Characterisation Report (Offshore Cable Corridor) is agreed.	Agreed	Agreed	Agreed	
MMO -605	Outline Offshore Operations and Maintenance Plan (OOOMP)	The OOOMP is agreed.	Outstanding	Outstanding	Outstanding	<p>Comments on the OOOMP were received from the MMO in their Relevant Representation. Responses to these are provided in <b>section 4.12, Volume 3</b> of the Applicant's Comments on Relevant Representations (document reference ExA.RR3.D0.V1) submitted on the 11th of June.</p> <p>The Applicant and the MMO will continue to engage in respect of this document in order to reach agreement.</p>
MMO -606	In-Principle Monitoring Plan	The In-Principle Monitoring Plan is agreed.	Outstanding	Outstanding	Outstanding	<p>Comments on the In-Principle Monitoring Plan were received from the MMO in their Relevant Representation. Responses to these are provided in <b>section 4.12, Volume 3</b> of the Applicant's Comments on Relevant Representations (document reference ExA.RR3.D0.V1) submitted on the 11th of June.</p> <p>The Applicant and the MMO will continue to engage in respect of this document in order to reach agreement.</p>



### 3 Signatures

38. The above Statement of Common Ground is agreed between East Anglia TWO Limited, East Anglia ONE North Limited and the Marine Management Organisation on the day specified below.

Signed: \_\_\_\_\_

Print Name: \_\_\_\_\_

Job Title: \_\_\_\_\_

Date: \_\_\_\_\_

Duly authorised for and on behalf of the **Marine Management Organisation**

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**