

Natura Impact  
Statement

**NISA**  
*North Irish Sea Array*

Volume 2: Appendices

# Appendix 2

## Integrity Matrices



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# 1. Matrix Key

Evidence for or against adverse effects on integrity on European site qualifying features and Likely Significant Effect is detailed within the footnotes to the integrity matrix.

✓ = Adverse Effects on Integrity (AEoI) cannot be excluded

X = Adverse Effects on Integrity (AEoI) can be excluded

C = Construction

O = Operation and Maintenance

D = Decommissioning

N/A = Effect not relevant to feature (no potential for pathway)

## 2. Marine and Coastal Habitats

Matrix 1: Malahide Estuary SAC

Name of designated site: Malahide Estuary SAC Site Code: IE000205 Distance to closest point of Proposed development (km): 0.0															
Impact	Suspended Sediment / Deposition			Accidental Pollution			Marine INNS			Changes to Physical Processes			Dust Deposition		
Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D
Mudflats and sandflats not covered by seawater at low tide	X <sub>af</sub>	X <sub>af</sub>	X <sub>af</sub>	X <sub>bf</sub>	X <sub>bf</sub>	X <sub>bf</sub>	X <sub>c</sub>	X <sub>c</sub>	X <sub>c</sub>	N/A	X <sub>d</sub>	N/A	X <sub>e</sub>	N/A	X <sub>e</sub>
<i>Salicornia</i> and other annual colonising mud and sand	X <sub>af</sub>	X <sub>af</sub>	X <sub>af</sub>	X <sub>bf</sub>	X <sub>bf</sub>	X <sub>bf</sub>	X <sub>c</sub>	X <sub>c</sub>	X <sub>c</sub>	N/A	X <sub>d</sub>	N/A	X <sub>e</sub>	N/A	X <sub>e</sub>
Atlantic salt meadows	X <sub>af</sub>	X <sub>af</sub>	X <sub>af</sub>	X <sub>bf</sub>	X <sub>bf</sub>	X <sub>bf</sub>	X <sub>c</sub>	X <sub>c</sub>	X <sub>c</sub>	N/A	X <sub>d</sub>	N/A	X <sub>e</sub>	N/A	X <sub>e</sub>
Mediterranean salt meadows	X <sub>af</sub>	X <sub>af</sub>	X <sub>af</sub>	X <sub>bf</sub>	X <sub>bf</sub>	X <sub>bf</sub>	X <sub>c</sub>	X <sub>c</sub>	X <sub>c</sub>	N/A	X <sub>d</sub>	N/A	X <sub>e</sub>	N/A	X <sub>e</sub>

### Evidence supporting conclusions

X<sub>a</sub> The sediment plume and deposition modelling does not extend into any SACs beyond trace levels and no sediment plume or deposition extends into the SAC. There is, therefore, no potential for an AEoI.

X<sub>b</sub> With embedded mitigation measures in place for accidental spills; Construction Environmental Monitoring Plan (CEMP) and Environmental Management Plan (EMP), and low levels of site-specific sediment bound contaminants at the site, it is concluded there is no potential for an AEoI.

Xc Taking into consideration the lack of direct overlap between the SAC and the proposed development, and the localised nature of the impact, pathways to the site are considered negligible. There is, therefore, no potential for an AEoI.

Xd The distance from the array area means it is unlikely that any impact will occur on the SAC and therefore, it is considered no AEoI.

Xe Impacts are expected to be minimal and temporary during the nearest construction works, while the magnitude of the impact is not expected to significantly affect the COs of the SAC. There is, therefore, no potential for an AEoI.

Xf When factoring in the lack of potential adverse effects from the proposed development alone, and suspended sediment / deposition and accidental pollution considered for in-combination impacts, it is considered that there is no potential for AEoI on the sites and features for these impacts from any of the projects considered for in-combination.

End of Matrix 1.

**Matrix 2: Rogerstown Estuary SAC**

Name of designated site: Rogerstown Estuary SAC																		
Site Code: IE0000208																		
Distance to closest point of Proposed Development (km): 15.7																		
Impact	Suspended Sediment / Deposition			Accidental Pollution			Marine INNS			Changes to Physical Processes			Dust Deposition			In-combination		
	Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D	C	O
Estuaries	Xaf	Xaf	Xaf	Xbf	Xbf	Xbf	Xc	Xc	Xc	N/A	Xd	N/A	Xe	N/A	Xe	Xf	Xf	Xf
Mudflats and sandflats not covered by seawater at low tide	Xaf	Xaf	Xaf	Xbf	Xbf	Xbf	Xc	Xc	Xc	N/A	Xd	N/A	Xe	N/A	Xe	Xf	Xf	Xf
<i>Salicornia</i> and other annual colonising mud and sand	Xaf	Xaf	Xaf	Xbf	Xbf	Xbf	Xc	Xc	Xc	N/A	Xd	N/A	Xe	N/A	Xe	Xf	Xf	Xf
Atlantic salt meadows	Xaf	Xaf	Xaf	Xbf	Xbf	Xbf	Xc	Xc	Xc	N/A	Xd	N/A	Xe	N/A	Xe	Xf	Xf	Xf
Mediterranean salt meadows	Xaf	Xaf	Xaf	Xbf	Xbf	Xbf	Xc	Xc	Xc	N/A	Xd	N/A	Xe	N/A	Xe	Xf	Xf	Xf

**Evidence supporting conclusions**

Xa Modelling has shown the sediment plume and deposition from this stage of development do not extend into the SAC and therefore, the impacts of increased SSC and deposition on the QI of this site are therefore considered to have no AEoI.

Xb With embedded mitigation measures in place for accidental spills; Construction Environmental Monitoring Plan (CEMP) and Environmental Management Plan (EMP), and low levels of site-specific sediment bound contaminants at the site, it is concluded there is no potential for an AEoI.

Xc Taking into consideration the lack of direct overlap between the SAC and the proposed development, and the localised nature of the impact, pathways to the site are considered negligible. The impact of the introduction of invasive species are therefore determined to have no AEoI.

Xd Changes in flow dynamics and associated scour effects will remain within the array area with small-scale changes around individual foundations with no far-field effects likely. Consequently, due to the distance from the array, it is unlikely that any impact will occur on the SAC as a result of changes to physical processes and therefore it is determined to have no AEoI.

Xe The SACs Cos are located at a distance where impacts are expected to be imperceptible and will not result in any significant affect. Therefore, it is determined to have no AEoI.

Xf When factoring in the lack of potential adverse effects from the proposed development alone, and suspended sediment / deposition and accidental pollution considered for in-combination impacts, it is considered that there is no potential for AEoI on the sites and features for these impacts from the project considered for in-combination.

End of Matrix 2.

**Matrix 3: Baldoyle Bay SAC**

Name of designated site: Baldoyle Bay SAC															
Site Code: IE0000199															
Distance to closest point of Proposed Development (km): 22.5															
Impact	Suspended Sediment / Deposition			Accidental Pollution			Marine INNS			Changes to Physical Processes			In-combination		
	Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O
Mudflats and sandflats not covered by seawater at low tide	X <sub>ad</sub>	N/A	X <sub>ad</sub>	X <sub>bd</sub>	N/A	X <sub>bd</sub>	N/A	N/A	N/A	N/A	N/A	N/A	X <sub>d</sub>	X <sub>d</sub>	X <sub>d</sub>
<i>Salicornia</i> and other annuals colonising mud and sand	X <sub>ad</sub>	N/A	X <sub>ad</sub>	X <sub>bd</sub>	N/A	X <sub>bd</sub>	N/A	N/A	N/A	N/A	N/A	N/A	X <sub>d</sub>	X <sub>d</sub>	X <sub>d</sub>
Atlantic salt meadows	X <sub>ad</sub>	N/A	X <sub>ad</sub>	X <sub>bd</sub>	N/A	X <sub>bd</sub>	N/A	N/A	N/A	N/A	N/A	N/A	X <sub>d</sub>	X <sub>d</sub>	X <sub>d</sub>
Mediterranean salt meadows	X <sub>ad</sub>	N/A	X <sub>ad</sub>	X <sub>bd</sub>	N/A	X <sub>bd</sub>	N/A	N/A	N/A	N/A	N/A	N/A	X <sub>d</sub>	X <sub>d</sub>	X <sub>d</sub>

Evidence supporting conclusions

X<sub>a</sub> Impacts to the QIs will be negligible and the mitigation measures set out in the CEMP for surface water run-off of suspended sediment/deposition, enables the conclusion that there is no potential for AEoI.

X<sub>b</sub> Although contamination of the SAC from an accidental spill could occur via surface water and hydrologically connected channels, the implementation of the pollution measures mitigation outlined in the CEMP for accidental spills mean it is determined that there is no potential for AEoI.

X<sub>c</sub> Impacts are expected to be minimal and temporary during the nearest construction works, while the magnitude of the impact is not expected to significantly affect the COs of the SAC. There is, therefore, no potential for an AEoI.

X<sub>d</sub> When factoring in the lack of potential adverse effects from the proposed development alone, and suspended sediment / deposition and accidental pollution considered for in-combination impacts, it is considered that there is no potential for AEoI on the sites and features for these impacts from the project considered for in-combination.

End of Matrix 3.



**Matrix 4: Rockabill to Dalkey Island SAC**

Name of designated site: Rockabill to Dalkey Island SAC Site Code: IE0003000 Distance to closest point of Proposed development (km): 2.9															
Impact	Suspended Sediment / Deposition			Accidental Pollution			Marine INNS			Changes to Physical Processes			In-combination		
Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D
Reefs	X <sub>af</sub>	X <sub>af</sub>	X <sub>af</sub>	X <sub>bf</sub>	X <sub>bf</sub>	X <sub>bf</sub>	X <sub>c</sub>	X <sub>c</sub>	X <sub>c</sub>	N/A	X <sub>d</sub>	N/A	X <sub>e</sub>	X <sub>e</sub>	X <sub>e</sub>

Evidence supporting conclusions

X<sub>a</sub> The risk of suspended sediments escaping into the wider marine environment beyond NISA will not imperil the conservation target to conserve the Intertidal and Subtidal reef community complexes in the SAC in a natural condition therefore considered to have no AEOI.

X<sub>b</sub> With mitigation measures in place for accidental spills; Construction Environmental Monitoring Plan (CEMP) and Environmental Management Plan (EMP), and low levels of site-specific sediment bound contaminants at the site, it is concluded there is no potential for an AEOI.

X<sub>c</sub> Taking into consideration the lack of direct overlap between the SAC and the proposed development, and the localised nature of the impact, pathways to the site are considered negligible. The impact of the introduction of invasive species are therefore determined to have no AEOI.

X<sub>d</sub> Changes in flow dynamics and associated scour effects will remain within the array area with small-scale changes around individual foundations with no far-field effects likely. Consequently, due to the distance from the array, it is unlikely that any impact will occur on the SAC as a result of changes to physical processes and therefore it is determined to have no AEOI.

X<sub>e</sub> Impacts are expected to be minimal and temporary during the nearest construction works, while the magnitude of the impact is not expected to significantly affect the COs of the SAC. There is, therefore, no potential for an AEOI.

X<sub>f</sub> When factoring in the lack of potential adverse effects from the proposed development alone, and suspended sediment / deposition and accidental pollution considered for in-combination impacts, it is considered that there is no potential for AEOI on the sites and features for these impacts from the project considered for in-combination.

End of Matrix 4.

**Matrix 5: Boyne Coast and Estuary SAC**

Name of designated site: Boyne Coast and Estuary SAC Site Code: IE001957 Distance to closest point of Proposed development (km): 7.9												
Impact	Suspended Sediment / Deposition			Accidental Pollution			Marine INNS			Changes to Physical Processes		
Stage of development	C	O	D	C	O	D	C	O	D	C	O	D
Estuaries	X <sub>ae</sub>	X <sub>ae</sub>	X <sub>ae</sub>	X <sub>be</sub>	X <sub>be</sub>	X <sub>be</sub>	X <sub>c</sub>	X <sub>c</sub>	X <sub>c</sub>	N/A	X <sub>d</sub>	N/A
Mudflats and sandflats not covered by seawater at low tide	X <sub>ae</sub>	X <sub>ae</sub>	X <sub>ae</sub>	X <sub>be</sub>	X <sub>be</sub>	X <sub>be</sub>	X <sub>c</sub>	X <sub>c</sub>	X <sub>c</sub>	N/A	X <sub>d</sub>	N/A
<i>Salicornia</i> and other annuals colonising mud and sand	X <sub>ae</sub>	X <sub>ae</sub>	X <sub>ae</sub>	X <sub>be</sub>	X <sub>be</sub>	X <sub>be</sub>	X <sub>c</sub>	X <sub>c</sub>	X <sub>c</sub>	N/A	X <sub>d</sub>	N/A
Atlantic salt meadows	X <sub>ae</sub>	X <sub>ae</sub>	X <sub>ae</sub>	X <sub>be</sub>	X <sub>be</sub>	X <sub>be</sub>	X <sub>c</sub>	X <sub>c</sub>	X <sub>c</sub>	N/A	X <sub>d</sub>	N/A

Evidence supporting conclusions

X<sub>a</sub> Modelling has shown the sediment plume and deposition from this stage of development do not extend into the SAC (see Chapter 10 Marine Geology, Oceanography and Physical Processes) and therefore, the impacts of increased SSC and deposition on the QI of this site are therefore considered to have no AEoI.

X<sub>b</sub> With mitigation measures in place for accidental spills; Construction Environmental Monitoring Plan (CEMP) and Environmental Management Plan (EMP), and low levels of site-specific sediment bound contaminants at the site, it is concluded there is no potential for an AEoI.

X<sub>c</sub> Taking into consideration the lack of direct overlap between the SAC and the proposed development, and the localised nature of the impact pathways to the site are considered negligible. The impact of the introduction of invasive species are therefore determined to have no AEoI.

X<sub>d</sub> Changes in flow dynamics and associated scour effects will remain within the array area with small-scale changes around individual foundations with no far-field effects likely. Consequently, due to the distance from the array, it is unlikely that any impact will occur on the SAC as a result of changes to physical processes and therefore it is determined to have no AEoI.

Xe When factoring in the lack of potential adverse effects from the proposed development alone, and suspended sediment / deposition, and accidental pollution considered for in-combination impacts, it is considered that there is no potential for AEoI on the sites and features for these impacts from any of the projects considered for in-combination.

End of Matrix 5.

**Matrix 6: Lambay Island SAC**

Name of designated site: Lambay Island SAC												
Site Code: IE000204												
Distance to closest point of Proposed development (km): 14.8												
Impact	Suspended Sediment / Deposition			Accidental Pollution			Marine INNS			Changes to Physical Processes		
Stage of development	C	O	D	C	O	D	C	O	D	C	O	D
Reefs	X <sub>ae</sub>	X <sub>ae</sub>	X <sub>ae</sub>	X <sub>be</sub>	X <sub>be</sub>	X <sub>be</sub>	X <sub>c</sub>	X <sub>c</sub>	X <sub>c</sub>	N/A	X <sub>d</sub>	N/A

Evidence supporting conclusions

X<sub>a</sub> The impact does not extend into the SAC and the communities present have low sensitivity to low levels of deposition. Therefore, the impacts of increased SSC and deposition on the QI of this site are therefore considered to have no AEOI.

X<sub>b</sub> With embedded mitigation measures in place for accidental spills; Construction Environmental Monitoring Plan (CEMP) and Environmental Management Plan (EMP), and low levels of site-specific sediment bound contaminants at the site, it is concluded there is no potential for an AEOI.

X<sub>c</sub> Taking into consideration the lack of direct overlap between the SAC and the proposed development, and the localised nature of the impact pathways to the site are considered negligible. The impact of the introduction of invasive species are therefore determined to have no AEOI.

X<sub>d</sub> Changes in flow dynamics and associated scour effects will remain within the array area with small-scale changes around individual foundations with no far-field effects likely. Consequently, due to the distance from the array, it is unlikely that any impact will occur on the SAC as a result of changes to physical processes and therefore it is determined to have no AEOI.

X<sub>e</sub> When factoring in the lack of potential adverse effects from the proposed development alone, and suspended sediment / deposition and accidental pollution considered for in-combination impacts, it is considered that there is no potential for AEOI on the sites and features for these impacts from the project considered for in-combination.

End of Matrix 6.

### 3. Migratory Fish

Matrix 7: River Boyne and River Blackwater SAC

Name of designated site: River Boyne and River Blackwater SAC Site Code: IE0002299 Distance to closest point of Proposed development (km): 13.0												
Impact	Underwater Noise			Suspended Sediment Plumes and Deposition			Accidental Pollution			EMF		
Stage of development	C	O	D	C	O	D	C	O	D	C	O	D
River lamprey	Xaf	N/A	Xaf	Xcg	Xcg	Xcg	Xdh	Xdh	Xdh	N/A	Xei	N/A
Atlantic salmon	Xbf	N/A	Xbf	Xcg	Xcg	Xcg	Xdh	Xdh	Xdh	N/A	Xei	N/A

Evidence supporting conclusions

Xa There are multiple sources of underwater noise including piling, UXO clearance and continuous noise. With mitigation measures in place for piling and UXO clearance, the low susceptibility of river lamprey to pressure-related injuries, and the preference of the species for estuarine habitats, the risk of lethal or sub-lethal injuries was assessed to be negligible. Any potential TTS and behavioural changes will likely be temporary and reversible in nature. There is, therefore, no potential for an AEoI.

Xb There are multiple sources of underwater noise including piling, UXO clearance and continuous noise. With mitigation measures in place for piling and UXO clearance, the impact is not predicted to alter individual fitness or reproductive rates to the extent that could alter the trajectory of the population at the site. There is, therefore, no potential for an AEoI.

Xc Sediment plumes are expected to dissipate after cessation of construction activity, with SSCs reducing within a couple tidal cycles. Factoring in the mobile nature of the QIs and the temporary, intermittent and localised nature of the impact, no barrier effects to any upstream or outgoing migration preventing the QIs from accessing or leaving their freshwater habitat within the site are predicted. There is, therefore, no potential for an AEoI.

Xd With embedded mitigation measures in place for accidental spills (Construction Environmental Monitoring Plan (CEMP) and Environmental Management Plan (EMP)), and low levels of site-specific sediment bound contaminants at the site, it is concluded there is no potential for an AEoI.

Xe EMFs generated by the power cables are likely to be detectable above background levels only in close proximity to the cables (i.e., within metres). Taking into consideration the distance of the cables from the River Boyne estuary combined with the localised nature of potential behavioural responses,

effects from EMF are not predicted to result in a barrier effect that would prevent the QIs from accessing or leaving the SAC. There is, therefore, no potential for an AEoI.

Xf When factoring in the lack of potential adverse effects from the proposed development alone, and the potential extent and duration of underwater noise effects for projects considered in-combination, it is considered that there is no potential for AEoI on the features for these impacts from any of the projects considered for in-combination.

Xg When factoring in the lack of potential adverse effects from the proposed development alone, and the temporary, localised and intermittent nature of the impact for projects considered in-combination, it is considered that there is no potential for AEoI on the features for this impact from any of the projects considered for in-combination.

Xh When factoring in the lack of potential adverse effects from the proposed development alone, and the temporary, localised and intermittent nature of the impact for projects considered in-combination, it is considered that there is no potential for AEoI on the features for this impact from any of the projects considered for in-combination.

XI When factoring in the lack of potential adverse effects from the proposed development alone, and the highly localised nature of the impact for projects considered in-combination, it is considered that there is no potential for AEoI on the features for this impact from any of the projects considered for in-combination.

End of Matrix 7.

## 4. Marine Mammals

**Matrix 8: Rockabill to Dalkey Island SAC**

Name of designated site: Rockabill to Dalkey Island SAC Site Code: IE003000 Distance to closest point of Proposed development (km): 2.4															
Impact	Underwater Noise			Vessel Disturbance			Vessel Collision			Changes in Prey			Accidental Pollution		
Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D
Harbour porpoise	X <sub>ac</sub>	N/A	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>

Evidence supporting conclusions:

X<sub>a</sub> The impacts are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. There is, therefore, no potential for AEoI.

X<sub>b</sub> The small-scale, localised changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEoI.

X<sub>c</sub> The impacts from in-combination effects are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. Any small scale, localised, changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEoI.

End of Matrix 8.

**Matrix 9:Lambay Island SAC**

Name of designated site: Lambay Island SAC Site Code: IE0000204 Distance to closest point of Proposed development (km): 14.8																
Impact	Underwater Noise			Vessel Disturbance			Vessel Collision			Changes in Prey			Accidental Pollution			
	Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D
Harbour porpoise	X <sub>ac</sub>	N/A	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>
Grey seal	X <sub>ac</sub>	N/A	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>
Harbour seal	X <sub>ac</sub>	N/A	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>

**Evidence supporting conclusions:**

X<sub>a</sub> The impacts are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. There is, therefore, no potential for AEoI.

X<sub>b</sub> The small-scale, localised changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEoI.

X<sub>c</sub> The impacts from in-combination effects are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. Any small scale, localised, changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEoI.

End of Matrix 9.



**Matrix 10: Codling Fault SAC**

Name of designated site: Codling Fault SAC															
Site Code: IE003015															
Distance to closest point of Proposed development (km): 28															
Impact	Underwater Noise			Vessel Disturbance			Vessel Collision			Changes in Prey			Accidental Pollution		
Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D
Harbour porpoise	X <sub>ac</sub>	N/A	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>

Evidence supporting conclusions:

X<sub>a</sub> The impacts are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. There is, therefore, no potential for AEoI.

X<sub>b</sub> The small-scale, localised changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEoI.

X<sub>c</sub> The impacts from in-combination effects are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. Any small scale, localised, changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEoI.

End of Matrix 10.

**Matrix 11: North Anglesey Marine/ Gogledd Môn Forol SAC**

Name of designated site: North Anglesey Marine/ Gogledd Môn Forol SAC															
Site Code: UK0030398															
Distance to closest point of Proposed development (km): 34.7															
Impact	Underwater Noise			Vessel Disturbance			Vessel Collision			Changes in Prey			Accidental Pollution		
Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D
Harbour porpoise	X <sub>ac</sub>	N/A	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>

Evidence supporting conclusions:

X<sub>a</sub> The impacts are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. There is, therefore, no potential for AEoI.

X<sub>b</sub> The small-scale, localised changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEoI.

X<sub>c</sub> The impacts from in-combination effects are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. Any small scale, localised, changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEoI.

End of Matrix 11.

**Matrix 12: Murlough SAC**

Name of designated site: Murlough SAC Site Code: UK0016612 Distance to closest point of Proposed development (km): 41.3															
Impact	Underwater Noise			Vessel Disturbance			Vessel Collision			Changes in Prey			Accidental Pollution		
Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D
Harbour porpoise	X <sub>ac</sub>	N/A	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>

Evidence supporting conclusions:

X<sub>a</sub> The impacts are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. There is, therefore, no potential for AEoI.

X<sub>b</sub> The small-scale, localised changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEoI.

X<sub>c</sub> The impacts from in-combination effects are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. Any small scale, localised, changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEoI.

End of Matrix 12.

**Matrix 13:North Channel SAC**

Name of designated site: North Channel SAC Site Code: UK0030399 Distance to closest point of Proposed development (km): 48.4															
Impact	Underwater Noise			Vessel Disturbance			Vessel Collision			Changes in Prey			Accidental Pollution		
Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D
Harbour porpoise	X <sub>ac</sub>	N/A	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>

Evidence supporting conclusions:

X<sub>a</sub> The impacts are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. There is, therefore, no potential for AEoI.

X<sub>b</sub> The small-scale, localised changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEoI.

X<sub>c</sub> The impacts from in-combination effects are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. Any small scale, localised, changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEoI.

End of Matrix 13.

**Matrix 14: Glannau Ynys Gybi / Holy Island Coast SAC**

Name of designated site: Glannau Ynys Gybi / Holy Island Coast SAC															
Site Code: UK0013046															
Distance to closest point of Proposed development (km): 82.3															
Impact	Underwater Noise			Vessel Disturbance			Vessel Collision			Changes in Prey			Accidental Pollution		
Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D
Grey seal	χ <sub>ac</sub>	N/A	χ <sub>ac</sub>	χ <sub>ac</sub>	χ <sub>ac</sub>	χ <sub>ac</sub>	χ <sub>ac</sub>	χ <sub>ac</sub>	χ <sub>ac</sub>	χ <sub>bc</sub>	χ <sub>bc</sub>	χ <sub>bc</sub>	χ <sub>bc</sub>	χ <sub>bc</sub>	χ <sub>bc</sub>

Evidence supporting conclusions:

χ<sub>a</sub> The impacts are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. There is, therefore, no potential for AEOI.

χ<sub>b</sub> The small-scale, localised changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEOI.

χ<sub>c</sub> The impacts from in-combination effects are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. Any small scale, localised, changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEOI.

End of Matrix 14.

**Matrix 15: West Wales Marine/ Gorllewin Cymru Foro SAC**

Name of designated site: West Wales Marine/ Gorllewin Cymru Foro SAC															
Site Code: UK0030397															
Distance to closest point of Proposed development (km): 100.7															
Impact	Underwater Noise			Vessel Disturbance			Vessel Collision			Changes in Prey			Accidental Pollution		
Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D
Harbour porpoise	X <sub>ac</sub>	N/A	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>

Evidence supporting conclusions:

X<sub>a</sub> The impacts are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. There is, therefore, no potential for AEoI.

X<sub>b</sub> The small-scale, localised changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEoI.

X<sub>c</sub> The impacts from in-combination effects are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. Any small scale, localised, changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEoI.

End of Matrix 15.

**Matrix 16: Pen Llŷn a'r Sarnau/ Lleyn Peninsula and the Sarnau SAC**

Name of designated site: Pen Llŷn a'r Sarnau/ Lleyn Peninsula and the Sarnau SAC															
Site Code: UK0013117															
Distance to closest point of Proposed development (km): 106.7															
Impact	Underwater Noise			Vessel Disturbance			Vessel Collision			Changes in Prey			Accidental Pollution		
Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D
Bottlenose dolphin	X <sub>ac</sub>	N/A	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>

Evidence supporting conclusions:

X<sub>a</sub> The impacts are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. There is, therefore, no potential for AEoI.

X<sub>b</sub> The small-scale, localised changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEoI.

X<sub>c</sub> The impacts from in-combination effects are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. Any small scale, localised, changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEoI.

End of Matrix 16.

**Matrix 17:Blackwater Bank SAC**

Name of designated site: Blackwater Bank SAC															
Site Code: IE002953															
Distance to closest point of Proposed development (km): 121															
Impact	Underwater Noise			Vessel Disturbance			Vessel Collision			Changes in Prey			Accidental Pollution		
Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D
Harbour porpoise	X <sub>ac</sub>	N/A	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>

Evidence supporting conclusions:

X<sub>a</sub> The impacts are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. There is, therefore, no potential for AEoI.

X<sub>b</sub> The small-scale, localised changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEoI.

X<sub>c</sub> The impacts from in-combination effects are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. Any small scale, localised, changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEoI.

End of Matrix 17.



**Matrix 18: Carnsore Point SAC**

Name of designated site: Carnsore Point SAC															
Site Code: IE002269															
Distance to closest point of Proposed development (km): 154															
Impact	Underwater Noise			Vessel Disturbance			Vessel Collision			Changes in Prey			Accidental Pollution		
Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D
Harbour porpoise	X <sub>ac</sub>	N/A	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>

Evidence supporting conclusions:

X<sub>a</sub> The impacts are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. There is, therefore, no potential for AEoI.

X<sub>b</sub> The small-scale, localised changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEoI.

X<sub>c</sub> The impacts from in-combination effects are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. Any small scale, localised, changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEoI.

End of Matrix 18.

**Matrix 19:Cardigan Bay/ Bae Ceredigion SAC**

Name of designated site: Cardigan Bay/ Bae Ceredigion SAC															
Site Code: UK0012712															
Distance to closest point of Proposed development (km): 161.9															
Impact	Underwater Noise			Vessel Disturbance			Vessel Collision			Changes in Prey			Accidental Pollution		
Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D
Bottlenose dolphin	X <sub>ac</sub>	N/A	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>

Evidence supporting conclusions:

X<sub>a</sub> The impacts are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. There is, therefore, no potential for AEoI.

X<sub>b</sub> The small-scale, localised changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEoI.

X<sub>c</sub> The impacts from in-combination effects are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. Any small scale, localised, changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEoI.

End of Matrix 19.

**Matrix 20: Hook Head SAC**

Name of designated site: Hook Head SAC Site Code: IE000764 Distance to closest point of Proposed development (km): 199																
Impact	Underwater Noise			Vessel Disturbance			Vessel Collision			Changes in Prey			Accidental Pollution			
	Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D
Harbour porpoise	X <sub>ac</sub>	N/A	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>
Bottlenose dolphin	X <sub>ac</sub>	N/A	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>

Evidence supporting conclusions:

X<sub>a</sub> The impacts are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. There is, therefore, no potential for AEoI.

X<sub>b</sub> The small-scale, localised changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEoI.

X<sub>c</sub> The impacts from in-combination effects are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. Any small scale, localised, changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEoI.

End of Matrix 20.

**Matrix 21: Bristol Channel Approaches/ Dynesfeydd Môr Hafren SAC**

Name of designated site: Bristol Channel Approaches/ Dynesfeydd Môr Hafren SAC															
Site Code: UK0030396															
Distance to closest point of Proposed development (km): 223.0															
Impact	Underwater Noise			Vessel Disturbance			Vessel Collision			Changes in Prey			Accidental Pollution		
Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D
Harbour porpoise	X <sub>ac</sub>	N/A	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>

Evidence supporting conclusions:

X<sub>a</sub> The impacts are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. There is, therefore, no potential for AEOI.

X<sub>b</sub> The small-scale, localised changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEOI.

X<sub>c</sub> The impacts from in-combination effects are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. Any small scale, localised, changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEOI.

End of Matrix 21.

**Matrix 22: Roaringwater Bay and Island SAC**

Name of designated site: Roaringwater Bay and Island SAC															
Site Code: IE0000101															
Distance to closest point of Proposed development (km): 320.0															
Impact	Underwater Noise			Vessel Disturbance			Vessel Collision			Changes in Prey			Accidental Pollution		
Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D
Harbour porpoise	X <sub>ac</sub>	N/A	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>

Evidence supporting conclusions:

X<sub>a</sub> The impacts are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. There is, therefore, no potential for AEoI.

X<sub>b</sub> The small-scale, localised changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEoI.

X<sub>c</sub> The impacts from in-combination effects are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. Any small scale, localised, changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEoI.

End of Matrix 22.

**Matrix 23: Blasket Island SAC**

Name of designated site: Blasket Island SAC Site Code: IE0002172 Distance to closest point of Proposed development (km): 346.6															
Impact	Underwater Noise			Vessel Disturbance			Vessel Collision			Changes in Prey			Accidental Pollution		
Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D
Harbour porpoise	X <sub>ac</sub>	N/A	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>

Evidence supporting conclusions:

X<sub>a</sub> The impacts are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. There is, therefore, no potential for AEoI.

X<sub>b</sub> The small-scale, localised changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEoI.

X<sub>c</sub> The impacts from in-combination effects are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. Any small scale, localised, changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEoI.

End of Matrix 23.

**Matrix 24: Kenmare River SAC**

Name of designated site: Kenmare River SAC															
Site Code: IE002158															
Distance to closest point of Proposed development (km): 453															
Impact	Underwater Noise			Vessel Disturbance			Vessel Collision			Changes in Prey			Accidental Pollution		
Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D
Harbour porpoise	X <sub>ac</sub>	N/A	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>

Evidence supporting conclusions:

X<sub>a</sub> The impacts are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. There is, therefore, no potential for AEOI.

X<sub>b</sub> The small-scale, localised changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEOI.

X<sub>c</sub> The impacts from in-combination effects are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. Any small scale, localised, changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEOI.

End of Matrix 24.

**Matrix 25: Bunduff Lough and Machair/ Trawlua/ Mullaghmore SAC**

Name of designated site: Bunduff Lough and Machair/ Trawlua/ Mullaghmore SAC															
Site Code: IE00625															
Distance to closest point of Proposed development (km): 436															
Impact	Underwater Noise			Vessel Disturbance			Vessel Collision			Changes in Prey			Accidental Pollution		
Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D
Harbour porpoise	Xac	N/A	Xac	Xac	Xac	Xac	Xac	Xac	Xac	Xbc	Xbc	Xbc	Xbc	Xbc	Xbc

Evidence supporting conclusions:

Xa The impacts are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. There is, therefore, no potential for AEoI.

Xb The small-scale, localised changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEoI.

Xc The impacts from in-combination effects are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. Any small scale, localised, changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEoI.

End of Matrix 25.



**Matrix 26: Nord Bretagne DH SAC**

Name of designated site: Nord Bretagne DH SAC Site Code: FR2502022 Distance to closest point of Proposed development (km): 470.8															
Impact	Underwater Noise			Vessel Disturbance			Vessel Collision			Changes in Prey			Accidental Pollution		
Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D
Harbour porpoise	X <sub>ac</sub>	N/A	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>

Evidence supporting conclusions:

X<sub>a</sub> The impacts are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. There is, therefore, no potential for AEOI.

X<sub>b</sub> The small-scale, localised changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEOI.

X<sub>c</sub> The impacts from in-combination effects are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. Any small scale, localised, changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEOI.

End of Matrix 26.

**Matrix 27: West Connacht Coast SAC**

Name of designated site: West Connacht Coast SAC															
Site Code: IE002998															
Distance to closest point of Proposed development (km): 477															
Impact	Underwater Noise			Vessel Disturbance			Vessel Collision			Changes in Prey			Accidental Pollution		
Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D
Harbour porpoise	X <sub>ac</sub>	N/A	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>

Evidence supporting conclusions:

X<sub>a</sub> The impacts are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. There is, therefore, no potential for AEoI.

X<sub>b</sub> The small-scale, localised changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEoI.

X<sub>c</sub> The impacts from in-combination effects are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. Any small scale, localised, changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEoI.

End of Matrix 27.

**Matrix 28: Mers Celtiques – Talus du golfe de Gascogne SAC**

Name of designated site: Mers Celtiques – Talus du golfe de Gascogne SAC															
Site Code: FR5302015															
Distance to closest point of Proposed development (km): 499.9															
Impact	Underwater Noise			Vessel Disturbance			Vessel Collision			Changes in Prey			Accidental Pollution		
Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D
Harbour porpoise	X <sub>ac</sub>	N/A	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>

Evidence supporting conclusions:

X<sub>a</sub> The impacts are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. There is, therefore, no potential for AEoI.

X<sub>b</sub> The small-scale, localised changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEoI.

X<sub>c</sub> The impacts from in-combination effects are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. Any small scale, localised, changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEoI.

End of Matrix 28.

**Matrix 29: Récifs et landes de la Hague SAC**

Name of designated site: Récifs et landes de la Hague SAC															
Site Code: FR2500084															
Distance to closest point of Proposed development (km): 503.8															
Impact	Underwater Noise			Vessel Disturbance			Vessel Collision			Changes in Prey			Accidental Pollution		
Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D
Harbour porpoise	X <sub>ac</sub>	N/A	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>

Evidence supporting conclusions:

X<sub>a</sub> The impacts are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. There is, therefore, no potential for AEOI.

X<sub>b</sub> The small-scale, localised changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEOI.

X<sub>c</sub> The impacts from in-combination effects are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. Any small scale, localised, changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEOI.

End of Matrix 29.

**Matrix 30: Anse de Vauville SAC**

Name of designated site: Anse de Vauville SAC Site Code: FR2502019 Distance to closest point of Proposed development (km): 511.8															
Impact	Underwater Noise			Vessel Disturbance			Vessel Collision			Changes in Prey			Accidental Pollution		
Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D
Harbour porpoise	X <sub>ac</sub>	N/A	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>

Evidence supporting conclusions:

X<sub>a</sub> The impacts are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. There is, therefore, no potential for AEOI.

X<sub>b</sub> The small-scale, localised changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEOI.

X<sub>c</sub> The impacts from in-combination effects are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. Any small scale, localised, changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEOI.

End of Matrix 30.

**Matrix 31: Banc et récifs de Surtainville SAC**

Name of designated site: Banc et récifs de Surtainville SAC															
Site Code: FR2502018															
Distance to closest point of Proposed development (km): 529.6															
Impact	Underwater Noise			Vessel Disturbance			Vessel Collision			Changes in Prey			Accidental Pollution		
Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D
Harbour porpoise	X <sub>ac</sub>	N/A	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>

Evidence supporting conclusions:

X<sub>a</sub> The impacts are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. There is, therefore, no potential for AEOI.

X<sub>b</sub> The small-scale, localised changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEOI.

X<sub>c</sub> The impacts from in-combination effects are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. Any small scale, localised, changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEOI.

End of Matrix 31.

**Matrix 32: Tregor Goëlo SAC**

Name of designated site: Tregor Goëlo SAC Site Code: FR5300010 Distance to closest point of Proposed development (km): 535.1															
Impact	Underwater Noise			Vessel Disturbance			Vessel Collision			Changes in Prey			Accidental Pollution		
Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D
Harbour porpoise	X <sub>ac</sub>	N/A	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>

Evidence supporting conclusions:

X<sub>a</sub> The impacts are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. There is, therefore, no potential for AEOI.

X<sub>b</sub> The small-scale, localised changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEOI.

X<sub>c</sub> The impacts from in-combination effects are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. Any small scale, localised, changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEOI.

End of Matrix 32.

**Matrix 33: Belgica Mound SAC**

Name of designated site: Belgica Mound SAC Site Code: IE002327 Distance to closest point of Proposed development (km): 545															
Impact	Underwater Noise			Vessel Disturbance			Vessel Collision			Changes in Prey			Accidental Pollution		
Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D
Harbour porpoise	X <sub>ac</sub>	N/A	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>

Evidence supporting conclusions:

X<sub>a</sub> The impacts are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. There is, therefore, no potential for AEoI.

X<sub>b</sub> The small-scale, localised changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEoI.

X<sub>c</sub> The impacts from in-combination effects are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. Any small scale, localised, changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEoI.

End of Matrix 33.



**Matrix 34: Baie de Morlaix SAC**

Name of designated site: Baie de Morlaix SAC Site Code: FR5300015 Distance to closest point of Proposed development (km): 551.2															
Impact	Underwater Noise			Vessel Disturbance			Vessel Collision			Changes in Prey			Accidental Pollution		
Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D
Harbour porpoise	X <sub>ac</sub>	N/A	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>

Evidence supporting conclusions:

X<sub>a</sub> The impacts are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. There is, therefore, no potential for AEOI.

X<sub>b</sub> The small-scale, localised changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEOI.

X<sub>c</sub> The impacts from in-combination effects are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. Any small scale, localised, changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEOI.

End of Matrix 34.

**Matrix 35: Abers – Côtes des Légendes SAC**

Name of designated site: Abers – Côtes des Légendes SAC															
Site Code: FR5300017															
Distance to closest point of Proposed development (km): 554.0															
Impact	Underwater Noise			Vessel Disturbance			Vessel Collision			Changes in Prey			Accidental Pollution		
Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D
Harbour porpoise	X <sub>ac</sub>	N/A	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>

Evidence supporting conclusions:

X<sub>a</sub> The impacts are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. There is, therefore, no potential for AEOI.

X<sub>b</sub> The small-scale, localised changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEOI.

X<sub>c</sub> The impacts from in-combination effects are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. Any small scale, localised, changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEOI.

End of Matrix 35.

**Matrix 36: Ouessant-Molène SAC**

Name of designated site: Ouessant-Molène SAC															
Site Code: FR5300018															
Distance to closest point of Proposed development (km): 572.2															
Impact	Underwater Noise			Vessel Disturbance			Vessel Collision			Changes in Prey			Accidental Pollution		
Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D
Harbour porpoise	X <sub>ac</sub>	N/A	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>

Evidence supporting conclusions:

X<sub>a</sub> The impacts are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. There is, therefore, no potential for AEOI.

X<sub>b</sub> The small-scale, localised changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AeOI.

X<sub>c</sub> The impacts from in-combination effects are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. Any small scale, localised, changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AeOI.

End of Matrix 36.

**Matrix 37: Chausey SAC**

Name of designated site: Chausey SAC Site Code: FR2510037 Distance to closest point of Proposed development (km): 578.2															
Impact	Underwater Noise			Vessel Disturbance			Vessel Collision			Changes in Prey			Accidental Pollution		
Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D
Harbour porpoise	X <sub>ac</sub>	N/A	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>

Evidence supporting conclusions:

X<sub>a</sub> The impacts are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. There is, therefore, no potential for AEOI.

X<sub>b</sub> The small-scale, localised changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEOI.

X<sub>c</sub> The impacts from in-combination effects are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. Any small scale, localised, changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEOI.

End of Matrix 37.

**Matrix 38: Baie de Saint-Brieuc – Est SAC**

Name of designated site: Baie de Saint-Brieuc – Est SAC															
Site Code: FR5300066															
Distance to closest point of Proposed development (km): 592.8															
Impact	Underwater Noise			Vessel Disturbance			Vessel Collision			Changes in Prey			Accidental Pollution		
Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D
Harbour porpoise	X <sub>ac</sub>	N/A	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>

Evidence supporting conclusions:

X<sub>a</sub> The impacts are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. There is, therefore, no potential for AEOI.

X<sub>b</sub> The small-scale, localised changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEOI.

X<sub>c</sub> The impacts from in-combination effects are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. Any small scale, localised, changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEOI.

End of Matrix 38.

**Matrix 39: Côtes de Crozon SAC**

Name of designated site: Côtes de Crozon SAC Site Code: FR5302006 Distance to closest point of Proposed development (km): 598.1															
Impact	Underwater Noise			Vessel Disturbance			Vessel Collision			Changes in Prey			Accidental Pollution		
Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D
Harbour porpoise	X <sub>ac</sub>	N/A	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>

Evidence supporting conclusions:

X<sub>a</sub> The impacts are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. There is, therefore, no potential for AEOI.

X<sub>b</sub> The small-scale, localised changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEOI.

X<sub>c</sub> The impacts from in-combination effects are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. Any small scale, localised, changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEOI.

End of Matrix 39.

**Matrix 40: Baie de Lancier, Baie de l'Arguenon, Archipel de Saint Malo et Dinard SAC**

Name of designated site: Baie de Lancier, Baie de l'Arguenon, Archipel de Saint Malo et Dinard SAC															
Site Code: FR5300012															
Distance to closest point of Proposed development (km): 605.0															
Impact	Underwater Noise			Vessel Disturbance			Vessel Collision			Changes in Prey			Accidental Pollution		
Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D
Harbour porpoise	X <sub>ac</sub>	N/A	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>

Evidence supporting conclusions:

X<sub>a</sub> The impacts are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. There is, therefore, no potential for AEOI.

X<sub>b</sub> The small-scale, localised changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEOI.

X<sub>c</sub> The impacts from in-combination effects are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. Any small scale, localised, changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEOI.

End of Matrix 40.

**Matrix 41: Baie du Mont Saint-Michel SAC**

Name of designated site: Baie du Mont Saint-Michel SAC Site Code: FR2500077 Distance to closest point of Proposed development (km): 607.1															
Impact	Underwater Noise			Vessel Disturbance			Vessel Collision			Changes in Prey			Accidental Pollution		
Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D
Harbour porpoise	X <sub>ac</sub>	N/A	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>

Evidence supporting conclusions:

X<sub>a</sub> The impacts are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. There is, therefore, no potential for AEOI.

X<sub>b</sub> The small-scale, localised changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEOI.

X<sub>c</sub> The impacts from in-combination effects are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. Any small scale, localised, changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEOI.

End of Matrix 41.



**Matrix 42: Kilkerian Bay and Islands SAC**

Name of designated site: Kilkerian Bay and Islands SAC															
Site Code: IE002111															
Distance to closest point of Proposed development (km): 636															
Impact	Underwater Noise			Vessel Disturbance			Vessel Collision			Changes in Prey			Accidental Pollution		
Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D
Harbour porpoise	X <sub>ac</sub>	N/A	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>

Evidence supporting conclusions:

X<sub>a</sub> The impacts are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. There is, therefore, no potential for AEoI.

X<sub>b</sub> The small-scale, localised changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEoI.

X<sub>c</sub> The impacts from in-combination effects are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. Any small scale, localised, changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEoI.

End of Matrix 42.

**Matrix 43: Chaussée de Sein SAC**

Name of designated site: Chaussée de Sein SAC Site Code:FR5302007 Distance to closest point of Proposed development (km): 617.0															
Impact	Underwater Noise			Vessel Disturbance			Vessel Collision			Changes in Prey			Accidental Pollution		
Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D
Harbour porpoise	X <sub>ac</sub>	N/A	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>

Evidence supporting conclusions:

X<sub>a</sub> The impacts are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. There is, therefore, no potential for AEOI.

X<sub>b</sub> The small-scale, localised changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEOI.

X<sub>c</sub> The impacts from in-combination effects are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. Any small scale, localised, changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEOI.

End of Matrix 43.

**Matrix 44: Inishmore Island SAC**

Name of designated site: Inishmore Island SAC															
Site Code: IE000213															
Distance to closest point of Proposed development (km): 636															
Impact	Underwater Noise			Vessel Disturbance			Vessel Collision			Changes in Prey			Accidental Pollution		
Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D
Harbour porpoise	X <sub>ac</sub>	N/A	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>ac</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>	X <sub>bc</sub>

Evidence supporting conclusions:

X<sub>a</sub> The impacts are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. There is, therefore, no potential for AEoI.

X<sub>b</sub> The small-scale, localised changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEoI.

X<sub>c</sub> The impacts from in-combination effects are not predicted to result in any significant change to individual fitness or reproductive success and ultimately no effect on the community at the site. Mitigation is required for underwater noise and vessel collision. Any small scale, localised, changes to the fish communities that the qualifying feature depend on are not expected to result in the deterioration of the prey resource. There is, therefore, no potential for AEoI.

End of Matrix 44.

## 5. Intertidal and Offshore Ornithology

Matrix 45: North-West Irish Sea SPA

Name of designated site: North-West Irish Sea SPA																											
Site Code: IE0004236																											
Distance to closest point of proposed development (km): 0.0																											
Impact	Collision Risk			Barrier Effects			Offshore Disturbance and Displacement			Indirect Effects Via Impacts on Prey			Spatial Distribution			Dust Deposition			Suspended Sediment			Accidental Pollution			Onshore Disturbance and Displacement		
	Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D	C	O
Common scoter	N/A	Xh	N/A	N/A	Xe	N/A	Xf	N/A	Xf	Xc	Xc	Xc	Xb	Xb	Xb	Xd	N/A	Xd	Xd	N/A	Xd	Xd	N/A	Xd	Xd	N/A	Xd
Red-throated diver	N/A	Xhg	N/A	N/A	Xe	N/A	Xf,	N/A	Xf	Xc	Xc	Xc	Xb	Xb	Xb	Xd	N/A	Xd	Xd	N/A	Xd	Xd	N/A	Xd	Xd	N/A	Xd
Great northern-diver	N/A	Xh	N/A	N/A	Xe	N/A	Xf	N/A	Xf	Xc	Xc	Xc	Xb	Xb	Xb	Xd	N/A	Xd	Xd	N/A	Xd	Xd	N/A	Xd	Xd	N/A	Xd
Great black-backed gull	N/A	Xf	N/A	N/A	Xe	N/A	N/A	N/A	N/A	Xc	Xc	Xc	Xe	Xe	Xe	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fulmar	N/A	Xf	N/A	N/A	Xe	N/A	N/A	N/A	N/A	Xc	Xc	Xc	Xe	Xe	Xe	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Manx shearwater	N/A	Xf	N/A	N/A	Xe	N/A	Xf	Xf	Xf	Xc	Xc	Xc	Xb	Xb	Xb	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Little gull	N/A	Xf	N/A	N/A	Xe	N/A	N/A	N/A	N/A	Xc	Xc	Xc	Xe	Xe	Xe	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Kittiwake	N/A	Xf	N/A	N/A	Xe	N/A	N/A	N/A	N/A	Xc	Xc	Xc	Xe	Xe	Xe	Xd	N/A	Xd	Xd	N/A	Xd	Xd	N/A	Xd	Xd	N/A	Xd
Black-headed gull	N/A	Xf	N/A	N/A	Xe	N/A	N/A	N/A	N/A	Xc	Xc	Xc	Xe	Xe	Xe	Xd	N/A	Xd	Xd	N/A	Xd	Xd	N/A	Xd	Xd	N/A	Xd
Common gull	N/A	Xf	N/A	N/A	Xe	N/A	N/A	N/A	N/A	Xc	Xc	Xc	Xe	Xe	Xe	Xd	N/A	Xd	Xd	N/A	Xd	Xd	N/A	Xd	Xd	N/A	Xd
Lesser black-backed gull	N/A	Xf	N/A	N/A	Xe	N/A	N/A	N/A	N/A	Xc	Xc	Xc	Xe	Xe	Xe	Xd	N/A	Xd	Xd	N/A	Xd	Xd	N/A	Xd	Xd	N/A	Xd
Herring gull	N/A	Xf	N/A	N/A	Xe	N/A	N/A	N/A	N/A	Xc	Xc	Xc	Xe	Xe	Xe	Xd	N/A	Xd	Xd	N/A	Xd	Xd	N/A	Xd	Xd	N/A	Xd

Name of designated site: North-West Irish Sea SPA																											
Site Code: IE0004236																											
Distance to closest point of proposed development (km): 0.0																											
Impact	Collision Risk			Barrier Effects			Offshore Disturbance and Displacement			Indirect Effects Via Impacts on Prey			Spatial Distribution			Dust Deposition			Suspended Sediment			Accidental Pollution			Onshore Disturbance and Displacement		
	Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D	C	O
Little tern	N/A	Xa	N/A	N/A	Xa	N/A	N/A	N/A	N/A	Xa	Xa	Xa	Xe	Xe	Xe	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roseate tern	N/A	Xf	N/A	N/A	Xe	N/A	N/A	N/A	N/A	Xc	Xc	Xc	Xe	Xe	Xe	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Common tern	N/A	Xf	N/A	N/A	Xe	N/A	N/A	N/A	N/A	Xc	Xc	Xc	Xe	Xe	Xe	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Arctic tern	N/A	Xf	N/A	N/A	Xe	N/A	N/A	N/A	N/A	Xc	Xc	Xc	Xe	Xe	Xe	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Razorbill	N/A	N/A	N/A	N/A	Xe	N/A	Xf	Xf	Xf	Xc	Xc	Xc	Xb	Xb	Xb	Xd	N/A	Xd	Xd	N/A	Xd	Xd	N/A	Xd	Xd	N/A	Xd
Guillemot	N/A	N/A	N/A	N/A	Xe	N/A	Xf	Xf	Xf	Xc	Xc	Xc	Xb	Xb	Xb	Xd	N/A	Xd	Xd	N/A	Xd	Xd	N/A	Xd	Xd	N/A	Xd
Cormorant	N/A	Xf	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Xd	N/A	Xd	Xd	N/A	Xd	Xd	N/A	Xd	Xd	N/A	Xd
Shag	N/A	Xf	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Xd	N/A	Xd	Xd	N/A	Xd	Xd	N/A	Xd	Xd	N/A	Xd

Evidence supporting conclusions

- Xa During aerial surveys this species was found to be absent or only present in trivial numbers. There is, therefore, no potential for an AEoI.
- Xb Considering the minimal area potentially affected by disturbance and displacement, the potential for any adverse impact is unlikely. The effects are also likely temporary and reversible in nature. There is, therefore, no potential for an AEoI.
- Xc Impacts on prey species were found to be non-significant, therefore any potential indirect effects on ornithological receptors are extremely low. There is, therefore, no potential for an AEoI.
- Xd Impacts will be localised in nature and unlikely to cause AEoI. However, with appropriate mitigation, any impact is minimised and there is no potential for AEoI.
- Xe Based on available tracking data and/or vulnerability to potential barrier effects, there is no potential for AEoI.

Xf The predicted mortality from the proposed development alone across the relevant bio-seasons represents an increase in baseline mortality which would be indistinguishable from natural fluctuations in the population, and a non-material contribution to the baseline mortality of this qualifying interest feature. There is, therefore, no potential for an AEoI.

Xg The predicted mortality from the proposed development in-combination across the relevant bio-seasons represents an increase in baseline mortality which would be indistinguishable from natural fluctuations in the population, and a non-material contribution to the baseline mortality of this qualifying interest feature. There is, therefore, no potential for an AEoI.

Xh The number of annual collision mortalities estimated for the qualifying features are very low as such the increases in baseline mortality for the qualifying feature as a result of migratory collisions would be indistinguishable from natural fluctuations in the populations. There is, therefore, no potential for an AEoI.

End of Matrix 45.

**Matrix 46: Malahide Estuary SPA**

Name of designated site: Malahide Estuary SPA															
Site Code: IE0004025															
Distance to closest point of proposed development (km): 0.0005															
Impact	Collision Risk			Dust Deposition			Suspended Sediment			Accidental Pollution			Onshore Disturbance and Displacement		
Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D
Bar-tailed godwit	N/A	Xa	N/A	Xd	N/A	Xd	Xb	N/A	Xb	Xb	N/A	Xb	Xc	N/A	Xc
Black-tailed godwit	N/A	Xa	N/A	Xd	N/A	Xd	Xb	N/A	Xb	Xb	N/A	Xb	Xc	N/A	Xc
Dunlin	N/A	Xa	N/A	Xd	N/A	Xd	Xb	N/A	Xb	Xb	N/A	Xb	Xc	N/A	Xc
Golden plover	N/A	Xa	N/A	Xd	N/A	Xd	Xb	N/A	Xb	Xb	N/A	Xb	Xc	N/A	Xc
Goldeneye	N/A	Xa	N/A	Xd	N/A	Xd	Xb	N/A	Xb	Xb	N/A	Xb	Xc	N/A	Xc
Great crested grebe	N/A	Xa	N/A	Xd	N/A	Xd	Xb	N/A	Xb	Xb	N/A	Xb	Xc	N/A	Xc
Grey plover	N/A	Xa	N/A	Xd	N/A	Xd	Xb	N/A	Xb	Xb	N/A	Xb	Xc	N/A	Xc
Knot	N/A	Xa	N/A	Xd	N/A	Xd	Xb	N/A	Xb	Xb	N/A	Xb	Xc	N/A	Xc
Light bellied brent goose	N/A	Xa	N/A	Xd	N/A	Xd	Xb	N/A	Xb	Xb	N/A	Xb	Xc	N/A	Xc
Oystercatcher	N/A	Xa	N/A	Xd	N/A	Xd	Xb	N/A	Xb	Xb	N/A	Xb	Xc	N/A	Xc
Pintail	N/A	Xa	N/A	Xd	N/A	Xd	Xb	N/A	Xb	Xb	N/A	Xb	Xc	N/A	Xc
Red-breasted merganser	N/A	Xa	N/A	Xd	N/A	Xd	Xb	N/A	Xb	Xb	N/A	Xb	Xc	N/A	Xc
Redshank	N/A	Xa	N/A	Xd	N/A	Xd	Xb	N/A	Xb	Xb	N/A	Xb	Xc	N/A	Xc
Shelduck	N/A	Xa	N/A	Xd	N/A	Xd	Xb	N/A	Xb	Xb	N/A	Xb	Xc	N/A	Xc
Wetlands and waterbirds	N/A	N/A	N/A	Xd	N/A	Xd	Xb	N/A	Xb	Xb	N/A	Xb	Xc	N/A	Xc

**Evidence supporting conclusions**

χa The number of annual collision mortalities estimated for the qualifying features are very low as such the increases in baseline mortality for the qualifying feature as a result of migratory collisions would be indistinguishable from natural fluctuations in the populations. There is, therefore, no potential for an AEoI.

χb The impact will not adversely affect the integrity of the intertidal habitats for which SCIs rely on and with the implementation of the mitigation in the CEMP, it can be concluded that there is no potential for AEoI.

χc The implementation of noise barriers and visual mitigation in the CEMP for disturbance and displacement along the Estuary Road enables the conclusion of no AEoI.

χd Impacts will be localised in nature and unlikely to cause AEoI. However, with appropriate mitigation, any impact is minimised and there is no potential for AEoI.

End of Matrix 46.



**Matrix 47: Rockabill SPA**

Name of Designated Site: Rockabill SPA Site Code: IE0004014 Distance to closest point of proposed development (km): 0.2																
Impact	Collision Risk			Barrier Effects			Offshore Disturbance and Displacement			Indirect Effects Via Impacts on Prey			Onshore Disturbance and Displacement			
	Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D
Common tern	N/A	χ <sub>a</sub>	N/A	N/A	χ <sub>e</sub>	N/A	N/A	N/A	N/A	N/A	χ <sub>g</sub>	N/A	N/A	N/A	N/A	N/A
Roseate tern	N/A	χ <sub>a</sub>	N/A	N/A	χ <sub>e</sub>	N/A	N/A	N/A	N/A	N/A	χ <sub>g</sub>	N/A	N/A	N/A	N/A	N/A
Arctic tern	N/A	χ <sub>a</sub>	N/A	N/A	χ <sub>e</sub>	N/A	N/A	N/A	N/A	N/A	χ <sub>g</sub>	N/A	N/A	N/A	N/A	N/A
Purple sandpiper	N/A	χ <sub>f</sub>	N/A	N/A	N/A	N/A	χ <sub>e</sub>	N/A	χ <sub>e</sub>	N/A	N/A	N/A	χ <sub>d</sub>	N/A	χ <sub>d</sub>	

Evidence supporting conclusions

χ<sub>a</sub> The predicted mortality from the proposed development alone across the relevant bio-seasons represents an increase in baseline mortality which would be indistinguishable from natural fluctuations in the population, and a non-material contribution to the baseline mortality of this qualifying interest feature. There is, therefore, no potential for an AEOI.

χ<sub>b</sub> This species is considered to have low vulnerability to disturbance and displacement and therefore the presence of wind turbines is unlikely to deter them from entering the Proposed Array Area. There is, therefore, no potential for an AEOI.

χ<sub>c</sub> During aerial surveys this species was found to be absent or only present in trivial numbers. There is, therefore, no potential for an AEOI.

χ<sub>d</sub> With mitigation in place, local and temporary disturbance and displacement at the landfall site will occur for the period of works, however this effect is not expected to have AEOI of the site due to the small numbers of SCI located at the landfall.

χ<sub>e</sub> This species is considered to have low vulnerability to the barrier effects, and therefore there is no potential for an AEOI.

χ<sub>f</sub> The number of annual collision mortalities estimated for the qualifying features are very low as such the increases in baseline mortality for the qualifying feature as a result of migratory collisions would be indistinguishable from natural fluctuations in the populations. There is, therefore, no potential for an AEOI.

χ<sub>g</sub> Impacts on prey species were found to be non-significant, therefore any potential indirect effects on ornithological receptors are extremely low. There is, therefore, no potential for an AEOI.

End of Matrix 47.

**Matrix 48: Rogerstown Estuary SPA**

Name of designated site: Rogerstown Estuary SPA															
Site Code: IE0004015															
Distance to closest point of proposed development (km): 0.79															
Impact	Collision Risk			Dust Deposition			Suspended Sediment			Accidental Pollution			Onshore Disturbance and Displacement		
Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D
Black-tailed godwit	N/A	χa	N/A	χb	N/A	χb	χc	N/A	χc	χc	N/A	χc	χd	N/A	χd
Dunlin	N/A	χa	N/A	χb	N/A	χb	χc	N/A	χc	χc	N/A	χc	χd	N/A	χd
Grey plover	N/A	χa	N/A	χb	N/A	χb	χc	N/A	χc	χc	N/A	χc	χd	N/A	χd
Greylag goose	N/A	χa	N/A	χb	N/A	χb	χc	N/A	χc	χc	N/A	χc	χd	N/A	χd
Knot	N/A	χa	N/A	χb	N/A	χb	χc	N/A	χc	χc	N/A	χc	χd	N/A	χd
Light-bellied brent goose	N/A	χa	N/A	χb	N/A	χb	χc	N/A	χc	χc	N/A	χc	χd	N/A	χd
Oystercatcher	N/A	χa	N/A	χb	N/A	χb	χc	N/A	χc	χc	N/A	χc	χd	N/A	χd
Redshank	N/A	χa	N/A	χb	N/A	χb	χc	N/A	χc	χc	N/A	χc	χd	N/A	χd
Ringed plover	N/A	χa	N/A	χb	N/A	χb	χc	N/A	χc	χc	N/A	χc	χd	N/A	χd
Shelduck	N/A	χa	N/A	χb	N/A	χb	χc	N/A	χc	χc	N/A	χc	χd	N/A	χd
Shoveler	N/A	χa	N/A	χb	N/A	χb	χc	N/A	χc	χc	N/A	χc	χd	N/A	χd
Wetlands and waterbirds	N/A	N/A	N/A	χb	N/A	χb	χc	N/A	χc	χc	N/A	χc	χd	N/A	χd

**Evidence supporting conclusions**

χa The number of annual collision mortalities estimated for the qualifying features are very low as such the increases in baseline mortality for the qualifying feature as a result of migratory collisions would be indistinguishable from natural fluctuations in the populations. There is, therefore, no potential for an AEoI.

χb The distance of the SPA to the proposed development means any impacts will be imperceptible. There is, therefore, no potential for an AEoI.

χc The impact will not adversely affect the integrity of the QIs habitats and with the implementation of the mitigation in the CEMP, it can be concluded that there is no potential for AEoI.

χd The SPA is beyond the range of impact from the proposed development and for those SCIs which are associated with other SPAs, the conclusion remains no potential for AEoI.

End of Matrix 48.

**Matrix 49: Baldoyle Bay SPA**

Name of Designated Site: Baldoyle Bay SPA Site Code: IE0004016 Distance to closest point of proposed development (km): 0.92												
Impact	Collision risk			Suspended sediment			Accidental pollution			Onshore disturbance and displacement		
Stage of development	C	O	D	C	O	D	C	O	D	C	O	D
Bar-tailed godwit	N/A	Xa	N/A	Xb	N/A	Xb	Xb	N/A	Xb	Xc	N/A	Xc
Golden plover	N/A	Xa	N/A	Xb	N/A	Xb	Xb	N/A	Xb	Xc	N/A	Xc
Grey plover	N/A	Xa	N/A	Xb	N/A	Xb	Xb	N/A	Xb	Xc	N/A	Xc
Light-bellied brent goose	N/A	Xa	N/A	Xb	N/A	Xb	Xb	N/A	Xb	Xc	N/A	Xc
Ringed plover	N/A	Xa	N/A	Xb	N/A	Xb	Xb	N/A	Xb	Xc	N/A	Xc
Shelduck	N/A	Xa	N/A	Xb	N/A	Xb	Xb	N/A	Xb	Xc	N/A	Xc
Wetlands and waterbirds	N/A	N/A	N/A	Xb	N/A	Xb	Xb	N/A	Xb	Xc	N/A	Xc

**Evidence supporting conclusions**

**Xa** The number of annual collision mortalities estimated for the qualifying features are very low as such the increases in baseline mortality for the qualifying feature as a result of migratory collisions would be indistinguishable from natural fluctuations in the populations. There is, therefore, no potential for an AEoI.

**Xb** The impact will not adversely affect the integrity of the QIs habitats and with the implementation of the mitigation in the CEMP, it can be concluded that there is no potential for AEoI.

**Xc** The SPA is beyond the range of impact from the proposed development and for those SCIs which are associated with other SPAs, the conclusion remains no potential for AEoI.

End of Matrix 49.

**Matrix 50: North Bull Island SPA**

Name of Designated Site: North Bull Island SPA Site Code: IE0004006 Distance to closest point of proposed development (km): 2.0			
Impact	Onshore Disturbance and Displacement		
Stage of development	C	O	D
Bar tailed godwit	Xa	N/A	Xa
Black tailed godwit	Xa	N/A	Xa
Curlew	Xa	N/A	Xa
Dunlin	Xa	N/A	Xa
Golden plover	Xa	N/A	Xa
Grey plover	Xa	N/A	Xa
Knot	Xa	N/A	Xa
Light bellied brent goose	Xa	N/A	Xa
Oystercatcher	Xa	N/A	Xa
Pintail	Xa	N/A	Xa
Redshank	Xa	N/A	Xa
Sanderling	Xa	N/A	Xa
Shelduck	Xa	N/A	Xa
Shoveler	Xa	N/A	Xa
Teal	Xa	N/A	Xa
Turnstone	Xa	N/A	Xa
Black headed gull	Xa	N/A	Xa
Wetlands and waterbirds	Xa	N/A	Xa

Evidence supporting conclusions

Xa The SPA is beyond the range of impact from the proposed development and for those SCIs which are associated with other SPAs, the conclusion remains no potential for AEoI.

End of Matrix 50.

**Matrix 51: River Nanny Estuary & Shore SPA**

Name of Designated Site: River Nanny Estuary & Shore SPA Site Code: IE0004158 Distance to closest point of proposed development (km): 3.03						
Impact	Collision Risk			Onshore Disturbance and Displacement		
Stage of development	C	O	D	C	O	D
Golden plover	N/A	X <sub>a</sub>	N/A	X <sub>b</sub>	N/A	X <sub>b</sub>
Knot	N/A	X <sub>a</sub>	N/A	X <sub>b</sub>	N/A	X <sub>b</sub>
Oystercatcher	N/A	X <sub>a</sub>	N/A	X <sub>b</sub>	N/A	X <sub>b</sub>
Ringed plover	N/A	X <sub>a</sub>	N/A	X <sub>b</sub>	N/A	X <sub>b</sub>
Sanderling	N/A	X <sub>a</sub>	N/A	X <sub>b</sub>	N/A	X <sub>b</sub>

Evidence supporting conclusions

X<sub>a</sub> The number of annual collision mortalities estimated for the qualifying features are very low as such the increases in baseline mortality for the qualifying feature as a result of migratory collisions would be indistinguishable from natural fluctuations in the populations. There is, therefore, no potential for an AEoI.

X<sub>b</sub> With mitigation in place, local and temporary disturbance and displacement at the landfall site will occur for the period of works, however this effect is not expected to have AEoI of the site due to the small numbers of SCI located at the landfall.

End of Matrix 51.

**Matrix 52: South Dublin Bay and River Tolka SPA**

Name of Designated Site: South Dublin Bay and River Tolka SPA Site Code: IE0004024 Distance to closest point of proposed development (km): 4.4			
Impact	Onshore Disturbance and Displacement		
Stage of development	C	O	D
Black headed gull	X a	N/A	X a
Bar tailed godwit	X a	N/A	X a
Dunlin	X a	N/A	X a
Grey plover	X a	N/A	X a
Knot	X a	N/A	X a
Light bellied brent goose	X a	N/A	X a
Oystercatcher	X a	N/A	X a
Redshank	X a	N/A	X a
Ringed plover	X a	N/A	X a
Sanderling	X a	N/A	X a

Evidence supporting conclusions

X a The SPA is beyond the range of impact from the proposed development and for those SCIs which are associated with other SPAs, the conclusion remains no potential for AEoI.

End of Matrix 52.



**Matrix 53: Skerries Islands SPA**

Name of Designated Site: Skerries Islands SPA Site Code: IE0004122 Distance to closest point of proposed development (km): 5.1						
Impact	Collision Risk			Onshore Disturbance and Displacement		
Stage of development	C	O	D	C	O	D
Cormorant	N/A	N/A	N/A	X <sup>b</sup>	N/A	X <sup>b</sup>
Shag	N/A	N/A	N/A	X <sup>b</sup>	N/A	X <sup>b</sup>
Herring gull	N/A	X <sup>ac</sup>	N/A	X <sup>b</sup>	N/A	X <sup>b</sup>
Light-bellied brent goose	N/A	X <sup>d</sup>	N/A	X <sup>b</sup>	N/A	X <sup>b</sup>
Purple sandpiper	N/A	X <sup>d</sup>	N/A	X <sup>b</sup>	N/A	X <sup>b</sup>
Turnstone	N/A	X <sup>d</sup>	N/A	X <sup>b</sup>	N/A	X <sup>b</sup>

Evidence supporting conclusions

X<sup>a</sup> The predicted mortality from the proposed development alone across the relevant bio-seasons represents an increase in baseline mortality which would be indistinguishable from natural fluctuations in the population. There is, therefore, no potential for an AEoI.

X<sup>b</sup> With mitigation in place, local and temporary disturbance and displacement at the landfall site will occur for the period of works, however this effect is not expected to have AEoI of the site due to the small numbers of SCI located at the landfall.

X<sup>c</sup> Based on PVA, there is no potential for an AEoI for the proposed development in-combination.

X<sup>d</sup> The number of annual collision mortalities estimated for the qualifying features are very low as such the increases in baseline mortality for the qualifying feature as a result of migratory collisions would be indistinguishable from natural fluctuations in the populations. There is, therefore, no potential for an AEoI.

End of Matrix 53.

**Matrix 54: Ireland's Eye SPA**

Name of Designated Site: Ireland's Eye SPA Site Code: IE0004117 Distance to closest point of proposed development (km):5.61						
Impact	Collision Risk			Disturbance and Displacement		
Stage of development	C	O	D	C	O	D
Guillemot	N/A	N/A	N/A	X <sub>a</sub>	X <sub>ac</sub>	X <sub>a</sub>
Razorbill	N/A	N/A	N/A	X <sub>a</sub>	X <sub>ac</sub>	X <sub>a</sub>
Herring gull	N/A	X <sub>ac</sub>	N/A	N/A	N/A	N/A
Kittiwake	N/A	X <sub>ab</sub>	N/A	N/A	N/A	N/A

Evidence supporting conclusions

X<sub>a</sub> The predicted mortality from the proposed development alone across the relevant bio-seasons represents an increase in baseline mortality which would be indistinguishable from natural fluctuations in the population. There is, therefore, no potential for an AEoI.

X<sub>b</sub> The predicted mortality from the proposed development in-combination across the relevant bio-seasons represents an increase in baseline mortality which would be indistinguishable from natural fluctuations in the population. There is, therefore, no potential for an AEoI.

X<sub>c</sub> Based on PVA, there is no potential for an AEoI for the proposed development in-combination.

End of Matrix 54.

**Matrix 55: Saltee Islands SPA**

Name of Designated Site: Saltee Islands SPA Site Code: IE0004002 Distance to closest point of proposed development (km): 6						
Impact	Collision Risk			Disturbance and Displacement		
Stage of development	C	O	D	C	O	D
Guillemot	N/A	N/A	N/A	X a	X ab	X a
Gannet	N/A	X a	N/A	X a	X a	X a
Kittiwake	N/A	X a	N/A	N/A	N/A	N/A
Lesser black backed gull	N/A	X a	N/A	N/A	N/A	N/A
Razorbill	N/A	N/A	N/A	X a	X ab	X a

Evidence supporting conclusions

X a The predicted mortality from the proposed development alone across the relevant bio-seasons represents an increase in baseline mortality which would be indistinguishable from natural fluctuations in the population. There is, therefore, no potential for an AEOI.

X b The predicted mortality from the proposed development in-combination across the relevant bio-seasons represents an increase in baseline mortality which would be indistinguishable from natural fluctuations in the population. There is, therefore, no potential for an AEOI.

X c The qualifying feature was scoped out within the array area due to the low numbers recorded during the DAS. There is, therefore, no potential for an AEOI.

X d This species is considered to have low vulnerability to the impact, and therefore there is no potential for an AEOI.

End of Matrix 55.

**Matrix 56: Howth Head Coast SPA**

Name of Designated Site: Howth Head Coast SPA Site Code: IE0004113 Distance to closest point of proposed development (km): 27.1			
Impact	Collision Risk		
Stage of development	C	O	D
Kittiwake	N/A	X <sub>ab</sub>	N/A

Evidence supporting conclusions

X<sub>a</sub> The predicted mortality from the proposed development alone across the relevant bio-seasons represents an increase in baseline mortality which would be indistinguishable from natural fluctuations in the population. There is, therefore, no potential for an AEOI.

X<sub>b</sub> Based on PVA, there is no potential for an AEOI for the proposed development in-combination.

End of Matrix 56.

**Matrix 57: Lambay Island SPA**

Name of Designated Site: Lambay Island SPA									
Site Code: IE0004069									
Distance to closest point of proposed development (km): 14.4									
Impact	Collision Risk			Offshore Disturbance and Displacement			Onshore Disturbance and Displacement		
Stage of development	C	O	D	C	O	D	C	O	D
Cormorant	N/A	N/A	N/A	N/A	N/A	N/A	Xb	N/A	Xb
Shag	N/A	N/A	N/A	N/A	N/A	N/A	Xb	N/A	Xb
Guillemot	N/A	N/A	N/A	Xa	Xaf	Xa	Xb	N/A	Xb
Razorbill	N/A	N/A	N/A	Xa	Xac	Xa	Xb	N/A	Xb
Herring gull	N/A	Xag	N/A	N/A	N/A	N/A	Xb	N/A	Xb
Kittiwake	N/A	Xag	N/A	N/A	N/A	N/A	Xb	N/A	Xb
Lesser black backed gull	N/A	Xag	N/A	N/A	N/A	N/A	Xb	N/A	Xb
Fulmar	N/A	Xa	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Greylag goose	N/A	Xe	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**Evidence supporting conclusions**

**Xa** The predicted mortality from the proposed development alone across the relevant bio-seasons represents an increase in baseline mortality which would be indistinguishable from natural fluctuations in the population. There is, therefore, no potential for an AEOI.

**Xb** With mitigation in place, local and temporary disturbance and displacement at the landfall site will occur for the period of works, however this effect is not expected to have AEOI of the site due to the small numbers of SCI located at the landfall.

**Xc** The predicted mortality from the proposed development in-combination across the relevant bio-seasons represents an increase in baseline mortality which would be indistinguishable from natural fluctuations in the population. There is, therefore, no potential for an AEOI.

**Xd** The qualifying feature was scoped out within the array area due to the low numbers recorded during the DAS. There is, therefore, no potential for an AEOI.

Xe The number of annual collision mortalities estimated for the qualifying features are very low as such the increases in baseline mortality for the qualifying feature as a result of migratory collisions would be indistinguishable from natural fluctuations in the populations. There is, therefore, no potential for an AEoI.

Xf Based on PVA, there is no potential for an AEoI for the proposed development in-combination.

Xg The number of annual collision mortalities estimated in-combination for the qualifying features are very low as such the increases in baseline mortality for the qualifying feature as a result of collisions would be indistinguishable from natural fluctuations in the populations. There is, therefore, no potential for an AEoI.

End of Matrix 57.

**Matrix 58: Boyne Estuary SPA**

Name of Designated Site: Boyne Estuary SPA															
Site Code: IE0004080															
Distance to closest point of proposed development (km): 10.6															
Impact	Collision Risk			Barrier Effects			Offshore Disturbance and Displacement			Indirect Effects Via Impacts on Prey			Onshore Disturbance and Displacement		
Stage of development	C	O	D	C	O	D	C	O	D	C	O	D	C	O	D
Black-tailed godwit	N/A	χ <sub>a</sub>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	χ <sub>b</sub>	N/A	χ <sub>b</sub>
Golden plover	N/A	χ <sub>a</sub>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	χ <sub>b</sub>	N/A	χ <sub>b</sub>
Grey plover	N/A	χ <sub>a</sub>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	χ <sub>b</sub>	N/A	χ <sub>b</sub>
Knot	N/A	χ <sub>a</sub>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	χ <sub>b</sub>	N/A	χ <sub>b</sub>
Lapwing	N/A	χ <sub>a</sub>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	χ <sub>b</sub>	N/A	χ <sub>b</sub>
Oystercatcher	N/A	χ <sub>a</sub>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	χ <sub>b</sub>	N/A	χ <sub>b</sub>
Redshank	N/A	χ <sub>a</sub>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	χ <sub>b</sub>	N/A	χ <sub>b</sub>
Sanderling	N/A	χ <sub>a</sub>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	χ <sub>b</sub>	N/A	χ <sub>b</sub>
Shelduck	N/A	χ <sub>a</sub>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	χ <sub>b</sub>	N/A	χ <sub>b</sub>
Turnstone	N/A	χ <sub>a</sub>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	χ <sub>b</sub>	N/A	χ <sub>b</sub>

Evidence supporting conclusions

χ<sub>a</sub> The number of annual collision mortalities estimated for the qualifying features are very low as such the increases in baseline mortality for the qualifying feature as a result of migratory collisions would be indistinguishable from natural fluctuations in the populations. There is, therefore, no potential for an AEoI.

χ<sub>b</sub> With mitigation in place, local and temporary disturbance and displacement at the landfall site will occur for the period of works, however this effect is not expected to have AEoI of the site due to the small numbers of SCI located at the landfall.

χ<sub>c</sub> This species is considered to have low vulnerability to the impact, and therefore there is no potential for an AEoI.

End of Matrix 58.

**Matrix 59: Poulaphouca Reservoir SPA**

Name of Designated Site: Poulaphouca Reservoir SPA			
Site Code: IE0004063			
Distance to closest point of proposed development (km): 61.5			
Impact	Collision Risk		
Stage of Development	C	O	D
Greylag goose	N/A	Xa	N/A

Evidence supporting conclusions

Xa The number of annual collision mortalities estimated for the qualifying features are very low as such the increases in baseline mortality for the qualifying feature as a result of migratory collisions would be indistinguishable from natural fluctuations in the populations. There is, therefore, no potential for an AEoI

End of Matrix 59.



**Matrix 60: Wicklow Head SPA**

<b>Name of Designated Site: Wicklow Head SPA</b> <b>Site Code: IE0004127</b> Distance to closest point of proposed development (km): 70.4			
<b>Impact</b>	<b>Collision Risk</b>		
<b>Stage of development</b>	<b>C</b>	<b>O</b>	<b>D</b>
Kittiwake	N/A	Xa	N/A

Evidence supporting conclusions

Xa The predicted mortality from the proposed development alone across the relevant bio-seasons represents an increase in baseline mortality which would be indistinguishable from natural fluctuations in the population. There is, therefore, no potential for an AEoI.

End of Matrix 60.

**Matrix 61: Morecombe Bay & Duddon Estuary SPA**

Name of Designated Site: Morecombe Bay & Duddon Estuary SPA Site Code: UK9020326 Distance to closest point of proposed development (km): 164.6			
Impact	Collision Risk		
Stage of development	C	O	D
Lesser black-backed gull	N/A	X <sub>a</sub>	N/A

Evidence supporting conclusions

X<sub>a</sub> The number of annual collision mortalities estimated for the qualifying features are very low as such the increases in baseline mortality for the qualifying feature as a result of migratory collisions would be indistinguishable from natural fluctuations in the populations. There is, therefore, no potential for an AEoI.

End of Matrix 61.

**Matrix 62: Rathlin Island SPA**

Name of Designated Site: Rathlin Island SPA Site Code: UK9020011 Distance to closest point of proposed development (km): 168.5			
<b>Impact</b>	<b>Collision Risk</b>		
<b>Stage of development</b>	<b>C</b>	<b>O</b>	<b>D</b>
Kittiwake	N/A	X <sub>a</sub>	N/A
Lesser black-backed gull	N/A	X <sub>a</sub>	N/A

Evidence supporting conclusions

X<sub>a</sub> The predicted mortality from the proposed development alone across the relevant bio-seasons represents an increase in baseline mortality which would be indistinguishable from natural fluctuations in the population. There is, therefore, no potential for an AEoI.

End of Matrix 62.

**Matrix 63: Ailsa Craig SPA**

Name of Designated Site: Ailsa Craig SPA Site Code: UK9003091 Distance to closest point of proposed development (km): 171.0						
Impact	Collision Risk			Disturbance and Displacement		
Stage of development	C	O	D	C	O	D
Gannet	N/A	X <sub>a</sub>	N/A	X <sub>a</sub>	X <sub>a</sub>	X <sub>a</sub>
Lesser black backed gull	N/A	X <sub>a</sub>	N/A	N/A	N/A	N/A
Kittiwake	N/A	X <sub>a</sub>	N/A	N/A	N/A	N/A

Evidence supporting conclusions

X<sub>a</sub> The predicted mortality from the proposed development alone across the relevant bio-seasons represents an increase in baseline mortality which would be indistinguishable from natural fluctuations in the population. There is, therefore, no potential for an AEoI.

End of Matrix 63.

**Matrix 64: Helvick Head to Ballyquin SPA**

Name of Designated Site: Helvick Head to Ballyquin SPA Site Code: IE0004192 Distance to closest point of proposed development (km): 174.78			
Impact	Collision Risk		
Stage of development	C	O	D
Kittiwake	N/A	X <sub>a</sub>	N/A

Evidence supporting conclusions

X<sub>a</sub> The predicted mortality from the proposed development alone across the relevant bio-seasons represents an increase in baseline mortality which would be indistinguishable from natural fluctuations in the population. There is, therefore, no potential for an AEoI.

End of Matrix 64.

**Matrix 65: Ribble & Alt Estuaries SPA**

Name of Designated Site: Ribble & Alt Estuaries SPA Site Code: UK9005103 Distance to closest point of proposed development (km): 177.8			
Impact	Collision Risk		
Stage of development	C	O	D
Lesser black-backed gull	N/A	Xa	N/A

Evidence supporting conclusions

Xa The predicted mortality from the proposed development alone across the relevant bio-seasons represents an increase in baseline mortality which would be indistinguishable from natural fluctuations in the population. There is, therefore, no potential for an AEoI.

End of Matrix 65.

**Matrix 66: Skomer, Skokholm & the Seas off Pembrokeshire/ Sgomer, Sgogwm a Moroedd Penfro SPA**

Name of Designated Site: Skomer, Skokholm & the Seas off Pembrokeshire/ Sgomer, Sgogwm a Moroedd Penfro SPA Site Code: UK9014051 Distance to closest point of proposed development (km): 188.16			
Impact	Collision Risk		
Stage of development	C	O	D
Lesser black backed gull	N/A	X <sub>a</sub>	N/A
Kittiwake	N/A	X <sub>a</sub>	N/A

Evidence supporting conclusions

X<sub>a</sub> The predicted mortality from the proposed development alone across the relevant bio-seasons represents an increase in baseline mortality which would be indistinguishable from natural fluctuations in the population. There is, therefore, no potential for an AEoI.

End of Matrix 66.

**Matrix 67: Grassholm SPA**

Name of Designated Site: Grassholm SPA Site Code: UK9014041 Distance to closest point of proposed development (km): 207.2						
Impact	Collision Risk			Disturbance and Displacement		
Stage of development	C	O	D	C	O	D
Gannet	N/A	χ <sub>a</sub>	N/A	χ <sub>a</sub>	χ <sub>a</sub>	χ <sub>a</sub>

Evidence supporting conclusions

χ<sub>a</sub> The predicted mortality from the proposed development alone across the relevant bio-seasons represents an increase in baseline mortality which would be indistinguishable from natural fluctuations in the population. There is, therefore, no potential for an AEoI.

End of Matrix 67.



**Matrix 68: Blackwater Callows SPA**

Name of Designated Site: Blackwater Callows SPA			
Site Code: IE0004094			
Distance to closest point of proposed development (km): 190.4			
Impact	Collision Risk		
Stage of Development	C	O	D
Whooper swan	N/A	X <sub>a</sub>	N/A
Bewick's swan	N/A	X <sub>a</sub>	N/A
Wigeon	N/A	X <sub>a</sub>	N/A
Teal	N/A	X <sub>a</sub>	N/A
Mallard	N/A	X <sub>a</sub>	N/A
Shoveler	N/A	X <sub>a</sub>	N/A
Black-tailed godwit	N/A	X <sub>a</sub>	N/A
Lapwing	N/A	X <sub>a</sub>	N/A
Curlew	N/A	X <sub>a</sub>	N/A

Evidence supporting conclusions

X<sub>a</sub> The number of annual collision mortalities estimated for the qualifying features are very low as such the increases in baseline mortality for the qualifying feature as a result of migratory collisions would be indistinguishable from natural fluctuations in the populations. There is, therefore, no potential for an AEoI.

End of Matrix 68.

**Matrix 69: Horn Head to Fanad Head SPA**

Name of Designated Site: Horn Head to Fanard Head SPA Site Code: IE0004194 Distance to closest point of proposed development (km): 190.7			
Impact	Collision Risk		
Stage of development	C	O	D
Kittiwake	N/A	X <sub>a</sub>	N/A

Evidence supporting conclusions

X<sub>a</sub> The predicted mortality from the proposed development alone across the relevant bio-seasons represents an increase in baseline mortality which would be indistinguishable from natural fluctuations in the population. There is, therefore, no potential for an AEOI.

End of Matrix 69.

**Matrix 70: Cork Harbour SPA**

Name of Designated Site: Cork Harbour SPA			
Site Code: IE0004030			
Distance to closest point of proposed development (km): 213.29			
Impact	Collision Risk		
Stage of Development	C	O	D
Shelduck	N/A	X <sub>a</sub>	N/A
Wigeon	N/A	X <sub>a</sub>	N/A
Teal	N/A	X <sub>a</sub>	N/A
Mallard	N/A	X <sub>a</sub>	N/A
Pintail	N/A	X <sub>a</sub>	N/A
Shoveler	N/A	X <sub>a</sub>	N/A
Red-breasted merganser	N/A	X <sub>a</sub>	N/A
Little grebe	N/A	X <sub>a</sub>	N/A
Great crested grebe	N/A	X <sub>a</sub>	N/A
Grey heron	N/A	X <sub>a</sub>	N/A
Oystercatcher	N/A	X <sub>a</sub>	N/A
Black-tailed godwit	N/A	X <sub>a</sub>	N/A
Bar-tailed godwit	N/A	X <sub>a</sub>	N/A
Redshank	N/A	X <sub>a</sub>	N/A
Golden plover	N/A	X <sub>a</sub>	N/A
Grey plover	N/A	X <sub>a</sub>	N/A
Lapwing	N/A	X <sub>a</sub>	N/A
Dunlin	N/A	X <sub>a</sub>	N/A
Curlew	N/A	X <sub>a</sub>	N/A

## Evidence supporting conclusions

χa The number of annual collision mortalities estimated for the qualifying features are very low as such the increases in baseline mortality for the qualifying feature as a result of migratory collisions would be indistinguishable from natural fluctuations in the populations. There is, therefore, no potential for an AEoI.

End of Matrix 70.

**Matrix 71: Courtmacsherry SPA**

Name of Designated Site: Courtmacsherry SPA			
Site Code: IE0004219			
Distance to closest point of proposed development (km): 256.14			
Impact	Collision Risk		
Stage of Development	C	O	D
Shelduck	N/A	Xa	N/A
Wigeon	N/A	Xa	N/A
Red-breasted merganser	N/A	Xa	N/A
Black-tailed godwit	N/A	Xa	N/A
Bar-tailed godwit	N/A	Xa	N/A
Golden plover	N/A	Xa	N/A
Lapwing	N/A	Xa	N/A
Dunlin	N/A	Xa	N/A
Curlew	N/A	Xa	N/A
Great northern diver	N/A	Xa	N/A

Evidence supporting conclusions

Xa The number of annual collision mortalities estimated for the qualifying features are very low as such the increases in baseline mortality for the qualifying feature as a result of migratory collisions would be indistinguishable from natural fluctuations in the populations. There is, therefore, no potential for an AEoI.

End of Matrix 71.

**Matrix 72: North Colonsay & Western Cliffs SPA**

Name of Designated Site: Colonsay & Western Cliffs SPA Site Code: UK9003171 Distance to closest point of proposed development (km): 259.5			
Impact	Collision Risk		
Stage of development	C	O	D
Kittiwake	N/A	X a	N/A

Evidence supporting conclusions

X a The predicted mortality from the proposed development alone across the relevant bio-seasons represents an increase in baseline mortality which would be indistinguishable from natural fluctuations in the population. There is, therefore, no potential for an AEoI.

End of Matrix 72.

**Matrix 73: Clonakilty SPA**

Name of Designated Site: Clonakilty SPA			
Site Code: IE0004081			
Distance to closest point of proposed development (km): 268.43			
Impact	Collision Risk		
Stage of Development	C	O	D
Shelduck	N/A	Xa	N/A
Black-tailed godwit	N/A	Xa	N/A
Curlew	N/A	Xa	N/A
Dunlin	N/A	Xa	N/A

Evidence supporting conclusions

Xa The number of annual collision mortalities estimated for the qualifying features are very low as such the increases in baseline mortality for the qualifying feature as a result of migratory collisions would be indistinguishable from natural fluctuations in the populations. There is, therefore, no potential for an AEoI.

End of Matrix 73.