APPENDIX 4-1

OFFSHORE CUMULATIVE EFFECTS ASSESSMENT METHODOLOGY AND LONG LIST

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1. INTRODUCTION

The EIA Directive includes a requirement to consider '*a cumulation of effects with other existing and/or approved projects, taking into account any existing environmental problems relating to areas of particular environmental importance likely to be affected or the use of natural resources*.'

The methodology for the cumulative effects assessment has been informed by the relevant Guidance documents and by the nature and scale of the Project. The Guidance documents which have informed the methodology of the cumulative effects assessment are as follows:

- The EPA Guidelines on the Information to be contained in Environmental Impact Assessment Reports (EPA, 2022);
- Guidance on Environmental Impact Statement (EIS) and Natura Impact Statement (NIS) Preparation for Offshore Renewable Energy Projects (Department of Communications, Climate Action and Environment, 2017);
- Guidelines for Planning Authorities and An Bord Pleanála on carrying out Environmental Impact Assessment (Department of Housing, Planning and Local Government, 2018);
- Environmental Impact Assessment of Projects – Guidance on the preparation of the Environmental Impact Assessment Report (European Commission, 2022);
- Guidelines on the Assessment of Indirect and Cumulative Impacts as well as Impact interactions (European Commission, 1999);
- Planning Inspectorate (PINS) (2019) Advice Note 17: cumulative effects assessment relevant to nationally significant infrastructure projects.

The potential cumulative effect of the Project combined with the potential effect of other projects or plans has been carried out with the purpose of identifying what influence the Project will have on the surrounding environment when considered collectively with draft and existing plans, approved and existing projects, projects pending a decision from the planning authority, and land-uses in the vicinity of the Project site location.

The Cumulative Effects Assessment (CEA) of projects has three principle aims:

- To establish the range and nature of proposed and existing plans and projects within the cumulative impact study area of the Project.
- To summarise the relevant plans and projects which have a potential to create cumulative impacts.
- To identify the plans and projects that hold the potential for cumulative interaction within the context of the Project and discard projects that will neither directly or indirectly contribute to cumulative impacts.

Assessment material for the CEA was compiled on the relevant plans and projects within the vicinity of or relevant to the Project. The material was gathered through a search of relevant online Planning Registers, reviews of relevant EIAR (or historical EIS) documents, planning application details and planning drawings, and served to identify past and future projects, their activities and their environmental impacts.

For the purposes of the cumulative assessment, the process was divided into onshore and offshore, the offshore CEA methodology is set out below, the onshore Cumulative Impact Assessment (CIA) is provided as Appendix 4-1 of the EIAR.

2. METHODOLOGY

The methodology for the CEA was based on the relevant Irish, EU and UK guidance set out above. Specifically, the CEA methodology follows the guidance provided in Advice Note 17 by the Planning Inspectorate (PINS) in the UK. PINS Advice Note 17 sets out an approach to the compilation and screening of other projects in the CEA process.

The Advice Note suggests a 4-stage process to CEA:

- Stage 1: Establishing the long list
- Stage 2: Establishing the short list
- Stage 3: Information gathering
- Stage 4: Assessment

The following sections provide a description of each stage of the process and the methods employed.

2.1 Step 1: Establishing the Offshore Long List

To establish a long list of existing, permitted and proposed projects to be included in the CEA, cumulative study areas were established for each EIAR topic area in the EIAR. Following consultation with the EIAR team on each individual topic, the maximum geographical extent of each cumulative study area and justification for this extent was established and is presented in Table 2-1 below. Each cumulative study area was established with regard for the potential environmental receptors, potential impact pathways, topic specific guidance, best practice and professional judgement.

Table 2-1: Topic Specific Cumulative Study Area and Justification

Individual Topic	Maximum Extent of Cumulative Study Area	Justification
	The Climate assessment has been considered on a national basis and not confined to a specific study area.	The Climate assessment has considered the cumulative effects of the Project with other developments on a national basis under the relevant national Sectoral Emissions Ceilings.
	The Major Accidents and Natural Disasters assessment has been considered on a regional basis, due to the spatial extent of the Project, and not confined to a specific study area.	The MADS Cumulative Study Buffer is based on the MADS Zone Of Influence (ZOI), defined based on the spatial location of the Offshore and Onshore sites and their proximity to the nearest county and their associated Major Emergency Plan. The closest county to the Offshore site is Galway and therefore all elements of the Galway County Council Major Emergency Plan are fully considered. The Onshore Site is fully contained within Co. Clare and therefore all those elements within the Clare County Council Major Emergency Plan are fully considered. An overlapping and extended ZOI is defined for SEVESO sites. All SEVESO sites in counties Clare, Galway, Kerry and Limerick are considered as a precautionary measure. The ZOI is extended in this case due to the proximity of several SEVESO sites in counties

		Limerick and Kerry to the Shannon estuary and its proposed utilisation during the construction and decommissioning of the Project.
Ch 7 Marine Physical and Coastal Processes	30 km buffer around Array Area and Export Cable Corridor plus the Shannon estuary	The MPCP study area is defined as a 15 km buffer around the Offshore Site, in consideration of the estimated tidal excursion distance and flow speeds around the Offshore Site (including the pathways for tidal advection, net drift and dispersion of sediment plumes from activities taking placing within the Offshore Site). The cumulative study area for MPCP is defined as twice the MPCP study area (a buffer of 15 km around the Offshore Site), the cumulative study area considers a buffer of 30 km. It is considered that this cumulative study area provides a local (i.e. within the Offshore Site) and regional context for MPCP receptors. It is considered that this cumulative study area will encompass all cumulative projects and developments which have the potential for connectivity with the Offshore Site and associated construction, operation and maintenance and decommissioning activities occurring within the offshore site and adjacent waters. The Shannon Estuary has also been considered as part of the cumulative effects study area due to the potential for Project vessels moving between the estuary and the Offshore Site during the construction, operation and maintenance and decommissioning phases.
Ch 8 Water and Sediment Quality	30 km buffer around Array Area and Export Cable Corridor plus the Shannon Estuary	The WSQ study area is defined as a 15 km buffer around the Offshore Site, aligned with the MPCP study area. The cumulative study area for WSQ is defined as twice the buffer size for the WSQ study area. Where the study area accounted for a buffer of 15 km around the Offshore Site, the cumulative study area considers a buffer of 30 km. It is considered that this cumulative study area provides a local (i.e. within the Offshore Site) and regional context for WSQ. This 30 km buffer has informed the screening exercise for the WSQ CEA. The 30 km cumulative buffer has also followed the Marine and Physical Processes CEA due to the interlinked nature between marine process and WSQ The Shannon Estuary has also been considered as part of the cumulative effects study area due to the potential for Project vessels moving between the estuary and the Offshore Site during the

		construction, operation and maintenance and decommissioning phases.
Ch 9 Benthic Ecology	15 km buffer around Array Area and Export Cable Corridor plus the Shannon estuary	The cumulative study area for benthic ecology is defined as a 15 km buffer around the OAA and OECC plus the Shannon Estuary. The 15 km buffer has been defined in consideration of the estimated tidal excursion distance and flow speeds around the Offshore Site (as detailed above in line with Chapter 7: Marine Physical and Coastal Processes) which could have potential effects on benthic habitats and species e.g. smothering of benthic habitats with suspended sediment. It is considered that this cumulative study area will encompass all cumulative projects and developments which have the potential for connectivity with the Offshore Site and associated construction, operation and maintenance and decommissioning activities occurring within the offshore site and adjacent waters. The Shannon Estuary has also been considered as part of the cumulative effects study area due to the potential for Project vessels moving between the estuary and the Offshore Site during the construction, operation and maintenance and decommissioning phases.
Ch 10 Fish and Shellfish Ecology	International Council for the Exploration of the Sea (ICES) Rectangles 35D9, 35E0, 34E0 and 34D9 plus the Shannon estuary	The cumulative study area for fish and shellfish ecology is defined as the International Council for the Exploration of the Sea (ICES) Rectangles within which the OAA and OEC are located (35D9, 35E0 and 34E0), with Rectangle 34D9 also included due to its proximity to the Offshore Site. It is considered that this cumulative study area is sufficient to provide a regional context for the wide degree of spatial and temporary variation in abundance and distribution of key fish and shellfish species (i.e., migratory fish species and the availability and distribution of spawning and nursery grounds). It is considered that this study area will encompass all cumulative projects and developments which have the potential for connectivity with the Offshore Site and associated construction, operation and maintenance and decommissioning activities occurring within the offshore site and adjacent waters. The Shannon Estuary has also been considered as part of the cumulative effects study area due to the potential for Project vessels moving between the estuary and the Offshore Site during the construction, operation and maintenance and decommissioning phases.

Ch 11 Marine Ornithology	509.4 km (extent of the foraging range for gannet (one of the key species), distance round the coast, rather than straight-line distance, as seabirds typically don't go over land.	For Offshore Ornithology it was concluded that as there are no operational, consented or submitted OWF projects within 509.4 km of the Project. It is considered that there will be no in combination effects on offshore ornithology arising in the breeding season (see Chapter 11 Marine Ornithology Section 12.3 Cumulative Effects of the EIAR). The 509.4 km distance is the breeding season mean maximum (+1S.D.) foraging range for gannet, and this is considered appropriate to use here as gannet is considered a key species in terms of potential collision and displacement impacts. Although other species such as Manx shearwater and fulmar have larger foraging ranges during the breeding season, these species are not considered to be at risk of potential displacement or collision effects, based on reviews of evidence from operational OWFs (e.g. Dierschke et al., 2016). In the non-breeding season, a similar cumulative study area was considered, with all operational, consented or submitted OWF projects within Irish waters and west coast of the UK included in the CEA.
Ch 12 Marine Mammals and Other Megafauna	50 km buffer around Array Area and Export Cable Corridor plus the Shannon estuary	The cumulative study area for marine mammals and megafauna is defined as the marine mammals and megafauna study area of the Sceirde Rocks OAA and OECC plus a 50 km buffer zone The 50 km buffer has been defined in consideration of the spatial distribution of marine mammal and other megafauna populations, both within the Offshore Site and in wider regional waters around the west of Ireland. Marine mammals and other megafauna are mobile species, and it is considered that this 50 km buffer will capture projects which have the potential to result in direct effects on marine megafauna species (e.g. injury and/or disturbance to marine mammals due to the influence of any anthropogenic underwater sound) and which have the potential to result in indirect impacts to marine mammals and other megafauna (i.e., through impacts to prey species). It is considered that this study area will encompass all cumulative projects and developments which have the potential for connectivity with the Offshore Site and associated construction, operation and maintenance and decommissioning activities occurring within the offshore site and adjacent waters. The Shannon Estuary has also been considered as part of the cumulative effects study area due to the potential for Project vessels moving between the estuary and the Offshore Site during the

		construction, operation and maintenance and decommissioning phases.
Ch 13 Commercial Fisheries	ICES Rectangles 35D9, 35E0, 34E0 and 34D9 plus the Shannon estuary	The cumulative study area for fish and shellfish ecology is defined as the ICES Rectangles within which the Offshore Array Area and Offshore Export Cable are located, with Rectangle 34D9 also included due to its proximity to the Offshore Site. It is considered that this cumulative study area provides a local (i.e., within the Offshore Site) and regional context for certain fisheries and fishing activities. The Shannon Estuary has been considered as part of the cumulative effects study area due to the potential for Project vessels moving between the estuary and the Offshore Site during the construction, operation and maintenance and decommissioning phases.
Ch 14 Shipping and Navigation	50 NM buffer around Array Area and Export Cable Corridor. plus the Shannon estuary	This study area is considered to be best practice and allows consideration of vessels as they approach and depart the Offshore Site to identify where there may be multiple deviations associated with cumulative developments. It is considered that any deviations associated with cumulative developments outside of the 50 NM will be mitigated by the length of the transit/journey. The Shannon Estuary has been considered as part of the cumulative effects study area due to the potential for Project vessels moving between the estuary and the Offshore Site during the construction, operation and maintenance and decommissioning phases.
Ch 15 Civil and Military Aviation	Case-by-case consideration	In terms of assessing aviation and radar cumulative effects, the impact on any aviation receptor is generally treated as a standalone, Project specific impact. Whilst other WTG developments may be located in close proximity, the impact on each receptor is considered on a case-by-case basis. The predicted effects from the Project on Civil and Military Aviation receptors are considered to be localised to within the footprint of the Offshore Site. The approach to the aviation and radar assessment examines the cumulative effects of the Project alongside the following projects: › Other projects with consent but not yet constructed/construction not completed; › Other projects in the planning process; › Other projects currently operational that were not operational when baseline data were

		collected, and/or those that are operational but have an ongoing impact; and Offshore projects, which satisfy the definition of 'relevant maritime usage' under the Maritime Area Planning Act (2021) (i.e. wind farm projects designated as 'Relevant Projects' or 'Phase one Projects').
Ch 16 SLVIA	60km from Offshore Site proposed turbines for visual and landscape effects.	The SLVIA Study was chosen as 60km to produce a cumulative ZTV to illustrate any intervisibility between the OWF and other turbines.
Ch 17 Marine Archaeology and Cultural Heritage	50 km buffer around the Offshore Site	For the purposes of the marine archaeological assessment a Marine Archaeology Study Area has been used which comprises a 1 km buffer around the OAA and OECC, up to mean high water springs (MHWS, and has been applied to ensure an overlap with the onshore archaeological works and is considered to be industry best practice. For Historic Environment, cumulative impacts may occur with other planned projects and developments within the Marine Archaeology Study Area. A 50 km cumulative buffer has been applied for the cumulative effects assessment to ensure direct and indirect cumulative effects can be appropriately identified and assessed. The 50km cumulative buffer follows best practice as seen by other recent offshore developments.
Ch 18 Other Users of the Marine Environment	20 km buffer around Array Area and Export Cable Corridor plus the Shannon estuary	The 20 km buffer has been defined in consideration of the potential for effects on other sea users, e.g. aquaculture sites, other renewable energy developments and recreational organisations. It is considered that this study area will encompass all cumulative projects and developments which have the potential for connectivity with the Offshore Site and associated construction, operation and maintenance and decommissioning activities. The Shannon Estuary has been considered as part of the cumulative effects study area due to the potential for Project vessels moving between the estuary and the Offshore Site during the construction, operation and maintenance and decommissioning phases.
Ch 19 Offshore Air Quality and Airborne Noise	15 km buffer around Array Area and Export Cable Corridor plus the Shannon estuary	The 15 km buffer has been defined in consideration of the maximum plausible range of effect on air quality and airborne noise from the Offshore Site. It is considered that this study area will encompass all cumulative projects and developments which have the potential for connectivity with the Offshore Site

		and associated construction, operation and maintenance and decommissioning activities. The Shannon Estuary has been considered as part of the cumulative effects study area due to the potential for Project vessels moving between the estuary and the Offshore Site during the construction, operation and maintenance and decommissioning phases.

Once the cumulative study areas were identified and justified, a search was conducted across various platforms and databases in order to compile a list of projects and ongoing activities in the area. The sources used to establish the CEA long list are provided in Table 2-2 below. The data was first compiled spatially through a Geographic Information System (GIS). The spatialised data was then exported into a list for further scrutiny and review. This formed the basis of the CEA long list provided in Section 2 below.

Table 2-2: Data sources used for offshore long list compilation

Title	Description	Author
Marine Institute Open Access Repository and Ireland's Marine Atlas	https://www.marine.ie/site-area/data-services/interactive-maps/irelands-marine-atlas	Marine Institute
European Marine Observation and Data Network (EMODnet)	https://www.emodnet-humanactivities.eu/view-data.php	EMODnet
Kingfisher Information Services (KISORCA)	https://kis-orca.org/map/	KISORCA
National Marine Planning Framework SEA Environmental Report	https://www.gov.ie/en/publication/a4a9a-national-marine-planning-framework/	DHLGH
Department for Environment, Climate and Communications (DECC) – Current Applications for Statutory Consents	https://www.gov.ie/en/organisation/department-of-the-environment-climate-and-communications/	DECC
Department of Housing, Local Government and Heritage Foreshore Unit Applications	https://www.gov.ie/en/collection/f2196-foreshore-applications-and-determinations/	DHLGH
Department of Agriculture, Food and the Marine (DAFM) Aquaculture Licence Applications	https://www.gov.ie/en/collection/d8ea9-aquacultureforeshore-licence-applications/	DAFM
Environmental Reports for the Galway Bay Marine and Renewable Energy Test Site	https://tethys.pnnl.gov/project-sites/galway-bay-test-site	Tethys
Maritime Area Regulatory Authority	https://www.maritimeregulator.ie/licensing-of-maritime-usages/	MARA

Ireland's Marine Renewable Energy Atlas	https://atlas.marine.ie/OceanEnergy.html#?c=53.2981:-8.7808:8	The Marine Institute

A total of 13 searches (referred to as cumulative search buffers) were run using GIS software to capture the relevant plans and projects within each EIAR chapter's cumulative study area. The maximum extent of each cumulative search buffer was specific to one or multiple offshore EIAR chapters, as shown in Table 2-3 below. All chapters did not use the maximum extent of the relevant buffer. In instances where a specific chapter's cumulative study area was smaller than the cumulative search buffer's maximum extent, the cumulative search buffer's associated list of plans and projects was filtered by distance to infrastructure, creating a chapter specific long list unique to each cumulative study area set out in Table 2-1 above.

Some EIAR chapters cumulative study areas included plans and projects onshore and offshore, these are referred to as Project buffers and relate to the CEA undertaken for the EIAR's wider project chapters (Ch. 30, 31). The maximum extent cumulative search buffers relevant to the Offshore CEA are outlined in Table 2-3 below and are mapped in Figure 2-1.

Table 2-3 Offshore Buffers used for Cumulative Assessment

Buffer	Elements Assessed	Buffer Name and Maximum Extent	Individual Chapters within Maximum Extent of Buffer
Buffer 1	Offshore	50km from OAA & OEC	Ch 7, 8, 12, 17
Buffer 2	Project	Shannon Estuary	Ch 7, 8, 9, 10, 12, 13, 14, 18, 19
Buffer 4	Offshore	60km SLVIA from WTG	Ch 16
Buffer 5	Offshore	509.4km from OAA for Birds	Ch 11
Buffer 10	Project	20km from OAA & OEC	Ch 9, 18, 19,
Buffer 11	Offshore	50NM from OAA & OEC	Ch 14
Buffer 12	Offshore	ICES Rectangles	Ch 10, 13

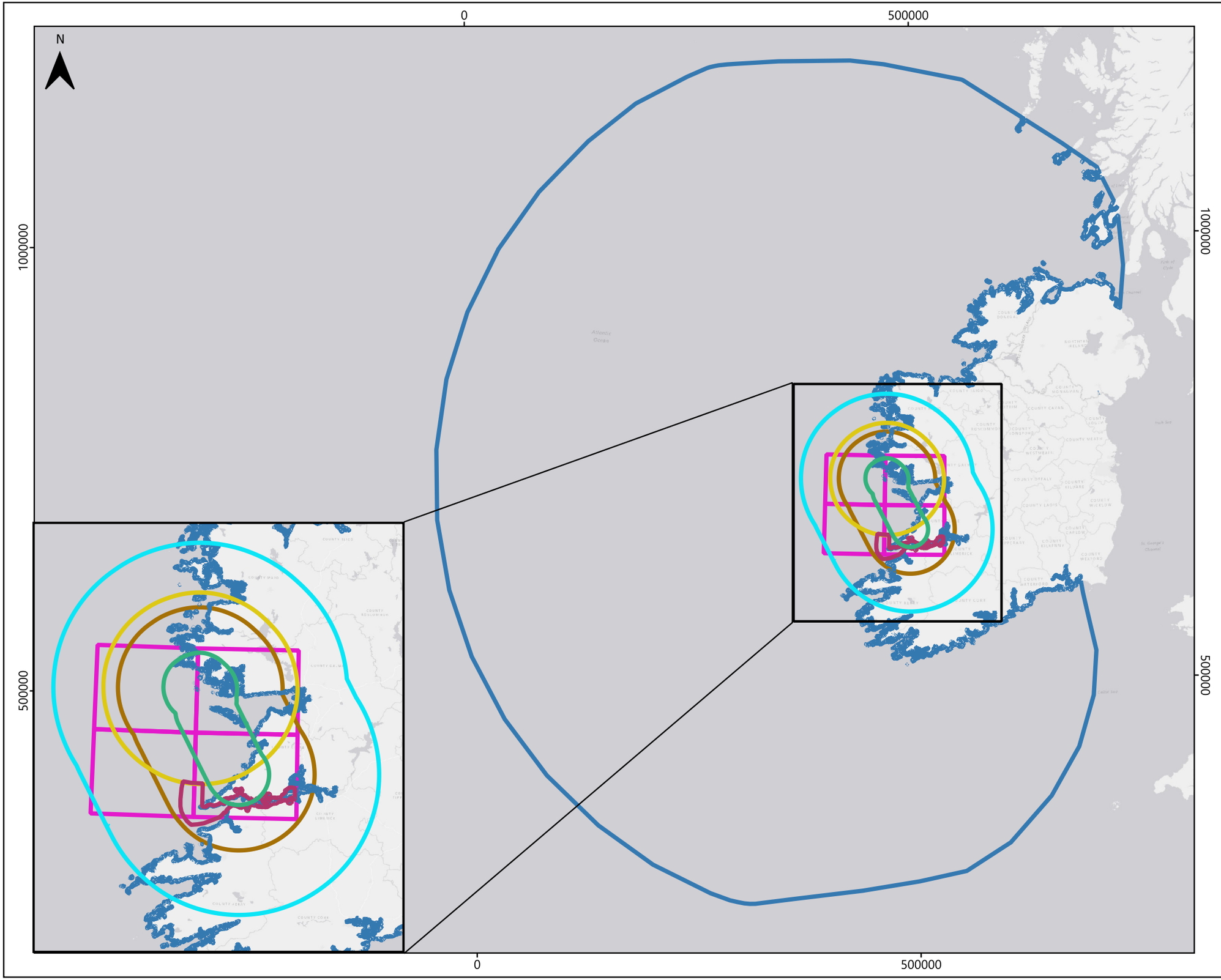
After compiling a list of proposed and existing plans and projects, additional desk research was conducted to gather more detailed information. This involved a review of publicly available information on each plan or project. The type of information sought for each project is outlined below. The search was not limited to the list below and any publicly available information on the plan or project deemed relevant for the CEA was considered. This included documents from planning/ licence applications.

- Project/ Plan timeframe
- Physical footprint
- Distance to the Proposed Sceirde Rocks infrastructure
- Associated activities
- Intensity of associated activities

The Project is the only Relevant Project / Phase 1 offshore renewable development in the region with a MAC, the only offshore wind development in the region which was successful in Offshore Renewable Electricity Support Scheme (ORESS) 1 and the only offshore renewable energy development in the region, which is permitted to make a planning application.

There were a number of planned offshore renewable developments (at various levels of inception) proposed to be developed off the western coast of Ireland before the State's policy changed to a plan-led regime.

Current policy is such that none of these projects are permitted to seek a MAC or make a planning application. However, whether any of them may progress in the future is entirely dependent on future policy decisions. Several foreshore licence applications have been made, primarily in relation to environmental surveys in support of these offshore renewable energy developments. In this context, there is insufficient information to consider these renewables developments, or associated foreshore licences for survey works any further. To allow sufficient time for the CEA to be undertaken for each topic, the compilation of the cumulative plans and projects list was carried out in May 2024. Therefore, plans and projects that were applied for after May of 2024 are not considered in the CEA.



SCEIRDE ROCKS WINDFARM
Feirm Ghaoithe Charraigeacha Sceirde

LEGEND

- Buffer 1 - 50km OAA & OEC
- Buffer 2 Shannon Estuary
- Buffer 4 - 60km SLVIA from WTG
- Buffer 5- 509.4km from OAA for Birds
- Buffer 10 - 20km from OAA and OEC
- Buffer 11 - 50NM from OAA and OEC
- Buffer 12 - ICES Statistical Rectangles

0 100 200 km

Kilometres

PROJECT TITLE

Sceirde Rocks

Onshore

Offshore Cumulative Buffers

VER	REMARKS	DATE	Drawn	Approved
V1		2024-12-05	CF	ÓM

DRAWING NO

Figure 1

SCALE	PAPER SIZE	DATUM	PROJECTION
1:5,040,000	A4	WGS 84	UTM 29N

2.2 Step 2: Long List Screening

2.2.1 Offshore Long List Screening

With the CEA long list compiled, the next step undertaken was to screen the long list based on the information gathered in Step 1. The screening criteria outlined in Table 2-4 below allowed for the offshore long list to be shortened to focus the CEA on the plans and projects that have the potential to give rise to a cumulative effect. The screening of the long list is topic specific and was carried out by the relevant expert in each case (author of the EIAR chapter). The plans and projects screened into the offshore CEA are assessed in further detail in the cumulative section of each relevant chapter of the EIAR.

The screening of the offshore long list was undertaken using the screening matrix below. Further detail on the screening criteria is outlined in the following sections along with an example to further clarify the process.

Table 2-4: CEA Long List Screening Process

1	Potential impact – Screened **in**
2	Part of the topic baseline and potential ongoing impact – Screened **in**
3	Part of the topic baseline and no potential ongoing impact – Screened **out**
4	No temporal overlap – Screened **out**
5	No effect-receptor pathway - Screened **out**
6	No data/ insufficient information - Screened **out**

2.2.2 Potential Impact

All plans and projects deemed to have a potential cumulative impact. There are various factors that may give rise to a cumulative impact, such as a temporal or spatial overlap, distance to the Project, and/or an identified effect – receptor pathway. The plans and projects identified as having a potential cumulative effect are marked with a '1' in the long list in Section 3 below.

2.2.3 Part of Topic Baseline and potential ongoing impact

Some plans and projects give rise to ongoing impacts that extend beyond the construction phase. The plans and projects screened in under this category are existing projects and therefore are considered part of the baseline. However, activities associated with these plans or projects may give rise to a cumulative impact when assessed alongside the Project. The plans and projects identified as having a potential ongoing cumulative effect are marked with a '2' in the long list in Section 3 below.

2.2.4 Part of the topic baseline and no potential ongoing impact

Existing plans or projects where the construction phase is complete and where no further ongoing impact is identified are screened out as they do not have potential to give rise to any cumulative impact. The plans and projects identified as being part of the baseline and have no potential ongoing cumulative effect are marked with a '3' in the long list in Section 3 below.

2.2.5 Temporal Overlap

For cumulative impacts from multiple projects to arise, their impacts must overlap in time. To understand the temporal relationship between plans and projects in the long list and the Project, a temporal column is included in the long list. This indicates whether or not the listed plan or project overlaps with the Project. The overlap may be expected to occur at any stage of the Project (construction, operation and/ or decommissioning). If no temporal overlap exists, the plan or project was screened out of the assessment. In this case, it is considered that these Projects are constructed, and their impacts have already been considered in the site surveys and desk research that were conducted as part of the baseline assessment.

While the best available information was used, it is acknowledged that the construction timelines for plans and projects are subject to varying degrees of change, depending on the current position of the plan or project in the development process. The plans and projects identified as having no temporal overlap are marked with a '4' in the long list in Section 3 below.

2.2.6 Effect – Receptor Pathway

Cumulative impacts can only exist where there is a pathway, either directly or indirectly, between the source of the effect and the receptor. If no such pathway exists, there is no potential for a cumulative impact to arise and therefore, the plan or project can be screened out of the assessment. The plans and projects identified as having no effect-receptor pathway are marked with a '5' in the long list in Section 3 below.

2.2.7 No Data / Insufficient Data

In order to undertake a cumulative assessment, a certain level of information is required regarding the plan or project to determine the potential impacts that may arise. The level of information required is dependent on the requirements of each specific topic. The decision to screen out plans or projects due to a lack of information is therefore carried out on a case-by-case basis by the relevant expert, based on the degree of information available, and other aspects of the specific plan or project. In general, projects that are screened out due to no data/ insufficient information are at the early/feasibility stage of development and therefore there is limited information available regarding their location, scale and development timeline. The plans and projects identified as not having sufficient available data to enable a cumulative assessment are marked with a '6' in the long list in Section 3 below.

2.3 Step 3: Assessment

2.3.1 Offshore Assessment Methodology

The list of relevant developments for inclusion within the cumulative effects assessment has been informed by a screening exercise, undertaken to identify relevant developments for consideration within the cumulative effects assessments for each EIA topic. The cumulative study area for each chapter is defined and detailed in Table 2-1 above. It is considered that the cumulative study area for each discipline provides local and regional context for the respective receptors within each chapter or which have the potential for connectivity with the Offshore Site and associated construction, operation and maintenance and decommissioning activities occurring within. Each cumulative study area has informed the screening exercise for the respective chapter of this EIAR.

Relevant projects which have been considered within the cumulative assessment are summarised in each chapter, and description of the potential for cumulative effects to occur are also detailed.

3. OFFSHORE CUMULATIVE LONG LIST

Cumulative Effect Matrices

Offshore Renewable Energy (ORE) Developments

1	Potential impact -Screened **in**
2	Part of the topic baseline and potential ongoing impact -Screened **in**
3	Part of the topic baseline and no potential ongoing impact -Screened **out**
4	No temporal overlap -Screened **out**
5	No effect-receptor pathway -Screened **out**
6	No data/insufficient information -Screened **out**

Development	Status	Region	Temporal Overlap	Distance to the Offshore Array Area (OAA) (km)	Distance to the Offshore Export Cable (OEC) (km)	Distance by Coast to OAA (km)	Within ICES Rectangle	Within Shannon Estuary	Population and Human Health	Climate	Marine Physical Processes	Water and Sediment Quality	Benthic Ecology	Marine Ornithology	Marine Mammals and Other Megafauna	Commercial Fisheries	Shipping and Navigation	Civil and Military Aviation	SLVIA	Marine Archaeology and Cultural Heritage	Other Users of the Marine Environment	Offshore Air Quality and Airborne Noise	Major Accidents and Natural Disasters
SmartBay	Phase 2 / Future Framework	Ireland	N/A	42.37	42.61	45.80	Yes	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	5
Western Star Floating Wind	Phase 2 / Future Framework	Ireland	N/A	47.49	35.64	47.49	Yes	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	5
Inis Offshore Wind Munster	Phase 2 / Future Framework	Ireland	N/A	50.34	16.80	50.34	Yes	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Clarus	Phase 2 / Future Framework	Ireland	N/A	61.53	43.69	61.53	Yes	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
SSE Tarbert	Phase 2 / Future Framework	Ireland	N/A	69.74	38.91	69.74	Yes	Yes	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Tralee	Phase 2 / Future Framework	Ireland	N/A	74.60	34.88	74.60	Yes	Yes	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Moneypoint Offshore Two	Phase 2 / Future Framework	Ireland	N/A	85.25	70.10	85.25	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Moneypoint Offshore One	Phase 2 / Future Framework	Ireland	N/A	90.42	61.64	90.42	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Ilen Array	Phase 2 / Future Framework	Ireland	N/A	87.14	47.75	94.26	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Inis Offshore Wind Kerry	Phase 2 / Future Framework	Ireland	N/A	97.82	63.21	97.82	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Rian Offshore Array Phase 1	Phase 2 / Future Framework	Ireland	N/A	112.70	104.04	112.70	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
AFLOWT	Phase 2 / Future Framework	Ireland	N/A	104.94	110.22	124.35	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Rian Offshore Array Phase 2	Phase 2 / Future Framework	Ireland	N/A	138.97	129.31	138.97	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Valentia Phase 2	Phase 2 / Future Framework	Ireland	N/A	156.34	129.37	156.34	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Valentia Phase 1	Phase 2 / Future Framework	Ireland	N/A	166.14	133.52	166.14	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Aniar Offshore Array Phase 2	Phase 2 / Future Framework	Ireland	N/A	154.98	158.78	217.98	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6

Cumulative Effect Matrices

Offshore Renewable Energy (ORE) Developments

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Development	Status	Region	Temporal Overlap	Distance to the Offshore Array Area (OAA) (km)	Distance to the Offshore Export Cable (OEC) (km)	Distance by Coast to OAA (km)	Within ICES Rectangle	Within Shannon Estuary	Population and Human Health	Climate	Marine Physical Processes	Water and Sediment Quality	Benthic Ecology	Marine Ornithology	Marine Mammals and Other Megafauna	Commercial Fisheries	Shipping and Navigation	Civil and Military Aviation	SLVIA	Marine Archaeology and Cultural Heritage	Other Users of the Marine Environment	Offshore Air Quality and Airborne Noise	Major Accidents and Natural Disasters
Latitude 52	Phase 2 / Future Framework	Ireland	N/A	280.97	255.62	218.68	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Aniar Offshore Array Phase 1	Phase 2 / Future Framework	Ireland	N/A	144.68	148.01	220.97	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Wicklow	Phase 2 / Future Framework	Ireland	N/A	285.18	261.05	226.59	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Urban Sea	Phase 2 / Future Framework	Ireland	N/A	200.46	151.49	244.55	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Dylan Extension	Planning	UK	Yes	312.61	530.26	263.52	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Atlantic Marine Energy Test Site		Ireland	N/A	192.03	195.84	268.48	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Myrddin	Planning	UK	Yes	327.34	497.38	272.75	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Arranmore Wind	Phase 2 / Future Framework	Ireland	N/A	192.03	195.84	277.43	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Mac Lir Offshore Wind	Phase 2 / Future Framework	Ireland	N/A	285.16	256.30	279.15	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
West Ireland	Phase 2 / Future Framework	Ireland	N/A	258.97	263.19	298.72	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Valorous Erebus (precommercial)	Planning	UK	Yes	355.58	578.01	306.80	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Erebus	Consented	UK	Yes	355.00	568.68	307.64	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Olympic Wind (GB)	Planning	UK	Yes	309.64	630.40	311.64	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Strangford Lough Array/Minesto/SeaGen (representative of single leased site)	Operational	UK	Yes	312.41	635.65	314.51	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Llywelyn	Planning	UK	Yes	368.59	575.20	317.32	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
IN Malin	Planning	UK	Yes	320.84	448.27	323.27	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Llyr 1	Planning	UK	Yes	371.33	603.11	323.43	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Shearwater One	Planning	UK	Yes	321.48	431.26	324.14	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

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Development	Status	Region	Temporal Overlap	Distance to the Offshore Array Area (OAA) (km)	Distance to the Offshore Export Cable (OEC) (km)	Distance by Coast to OAA (km)	Within ICES Rectangle	Within Shannon Estuary	Population and Human Health	Climate	Marine Physical Processes	Water and Sediment Quality	Benthic Ecology	Marine Ornithology	Marine Mammals and Other Megafauna	Commercial Fisheries	Shipping and Navigation	Civil and Military Aviation	SLVIA	Marine Archaeology and Cultural Heritage	Other Users of the Marine Environment	Offshore Air Quality and Airborne Noise	Major Accidents and Natural Disasters
META Phase 2 - Dale Roads	Consented	UK	Yes	367.47	611.69	324.97	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Holyhead Deep 0.5MW Site	Consented	UK	Yes	340.84	740.16	325.67	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Holyhead Deep	Consented	UK	Yes	341.23	738.59	326.34	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
META Phase 2 - East Pickard Bay	Consented	UK	Yes	371.18	609.65	328.15	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
West Anglesey Demonstration Zone	Consented	UK	Yes	345.34	744.67	330.06	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Cork Offshore Wind	Phase 2 / Future Framework	Ireland	N/A	230.11	172.51	332.35	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Fair Head	Planning	UK	Yes	330.81	492.31	333.09	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Gwynt Glas	Planning	UK	Yes	384.89	572.31	334.13	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Llyr 2	Planning	UK	Yes	381.44	615.65	334.26	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Pembrokeshire Demonstration Zone	Planning	UK	Yes	381.25	601.62	335.94	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Tulca Offshore Array Phase 1	Phase 2 / Future Framework	Ireland	N/A	219.15	160.96	336.52	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Tulca Offshore Array Phase 2	Phase 2 / Future Framework	Ireland	N/A	219.86	161.61	337.75	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
META Phase 2 - Warrior Way	Consented	UK	Yes	380.06	624.43	338.19	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Nomadic Offshore Wind	Planning	UK	Yes	338.83	457.94	341.28	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
North Channel Wind 1	Planning	UK	Yes	340.87	535.29	343.21	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
North Channel Wind 2	Planning	UK	Yes	342.12	572.27	344.51	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Petroc	Planning	UK	Yes	397.41	579.58	346.07	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Trivane Demonstrator	Planning	UK	Yes	389.03	629.08	346.45	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

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Islay Demo Zone	Consented	UK	Yes	346.87	448.89	349.44	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Whitecross	Consent application submitted	UK	Yes	400.25	600.97	351.11	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Machair Wind	Planning	UK	Yes	370.08	464.20	372.92	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Wave Hub	Shelved	UK	No	N/A	N/A	N/A	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
TwinHub	Consented	UK	Yes	437.15	589.41	382.228	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Oran na Mara	Planning	UK	Yes	380.10	510.65	382.572	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
R4 Project 4 (Mona)	Consent application submitted	UK	Yes	400.26	723.93	391.635	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Awel y Môr	Consented	UK	Yes	406.83	753.49	393.856	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Kinsale	Phase 2 / Future Framework	Ireland	N/A	227.24	168.95	394.75	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
R4 Project 6 (Morgan)	Consent application submitted	UK	Yes	399.51	716.84	395.55	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Emerald - Commercial	Phase 2 / Future Framework	Ireland	N/A	244.12	185.97	400.61	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Emerald - Demonstration	Phase 2 / Future Framework	Ireland	N/A	244.12	185.97	400.61	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Emerald Project - Simply Blue Energy	Phase 2 / Future Framework	Ireland	N/A	214.62	156.90	401.58	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Rhyl Flats	Operational	UK	Yes	417.18	766.21	402.71	No	No	5	5	3	3	3	5	3	3	3	3	3	3	3	3	5
Haven Offshore Array	Phase 2 / Future Framework	Ireland	N/A	313.27	316.50	404.95	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Gwynt y Mor	Operational	UK	Yes	421.31	760.73	408.05	No	No	5	5	3	3	3	5	3	3	3	3	3	3	3	3	5
Malin Wind	Phase 2 / Future Framework	Ireland	N/A	320.59	323.83	411.12	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
R4 Project 5 (Morecambe)	Consent application submitted	UK	Yes	421.87	740.90	414.00	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Walney Extension	Operational	UK	Yes	417.81	708.50	414.69	No	No	5	5	3	3	3	5	3	3	3	3	3	3	3	3	5

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North Hoyle	Operational	UK	Yes	430.33	770.13	416.34	No	No	5	5	3	3	3	5	3	3	3	3	3	3	3	3	5
Walney 2	Operational	UK	Yes	426.24	711.91	422.73	No	No	5	5	3	3	3	5	3	3	3	3	3	3	3	3	5
Walney 1	Operational	UK	Yes	431.43	719.43	427.10	No	No	5	5	3	3	3	5	3	3	3	3	3	3	3	3	5
West of Duddon Sands	Operational	UK	Yes	433.61	729.74	428.33	No	No	5	5	3	3	3	5	3	3	3	3	3	3	3	3	5
Inis Ealge Marine Energy Park - DP Ireland	Phase 2 / Future Framework	Ireland	N/A	213.12	157.76	428.56	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Burbo Bank Extension	Operational	UK	Yes	442.00	782.39	428.90	No	No	5	5	3	3	3	5	3	3	3	3	3	3	3	3	5
North Devon Demo Zone	Unknown	UK	N/A	N/A	N/A	N/A	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Inis Ealga FOW	Phase 2 / Future Framework	Ireland	N/A	221.38	166.10	430.61	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Ormonde	Operational	UK	Yes	437.17	725.93	433.40	No	No	5	5	3	3	3	5	3	3	3	3	3	3	3	3	5
Burbo Bank	Operational	UK	Yes	447.70	785.23	434.62	No	No	5	5	3	3	3	5	3	3	3	3	3	3	3	3	5
Barrow	Operational	UK	Yes	444.67	734.32	439.18	No	No	5	5	3	3	3	5	3	3	3	3	3	3	3	3	5
Robin Rigg	Operational	UK	Yes	438.86	703.43	440.95	No	No	5	5	3	3	3	5	3	3	3	3	3	3	3	3	5
Voyage Offshore Array	Phase 2 / Future Framework	Ireland	N/A	273.21	217.49	463.43	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Celtic One	Phase 2 / Future Framework	Ireland	N/A	230.83	178.33	463.89	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Helvick Head	Phase 2 / Future Framework	Ireland	N/A	228.04	178.78	483.52	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Celtic Two	Phase 2 / Future Framework	Ireland	N/A	272.91	219.37	486.96	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
SSE Renewables Celtic Sea	Phase 2 / Future Framework	Ireland	N/A	243.04	195.72	497.98	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
East Celtic	Phase 2 / Future Framework	Ireland	N/A	251.10	203.97	500.12	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Celtic Offshore Renewable Energy	Phase 2 / Future Framework	Ireland	N/A	288.85	237.09	501.21	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6

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Wexford	Phase 2 / Future Framework	Ireland	N/A	285.35	234.27	502.71	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Prarla Offshore Windfarm	Phase 2 / Future Framework	Ireland	N/A	270.41	219.45	509.59	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Celtic Horizon	Phase 2 / Future Framework	Ireland	N/A	267.22	222.54	512.19	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Blackwater	Phase 2 / Future Framework	Ireland	N/A	286.81	240.83	513.45	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Bore Array	Phase 2 / Future Framework	Ireland	N/A	270.13	225.50	514.18	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
North Celtic Sea	Phase 2 / Future Framework (in Tonn Nua DMAP)	Ireland	N/A	230.22	182.07	517.65	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Shelmalere	Phase 2 / Future Framework	Ireland	N/A	276.38	241.29	570.18	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Loch Garman	Phase 2 / Future Framework	Ireland	N/A	268.66	236.60	587.13	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
South Irish Sea Project	Phase 2 / Future Framework	Ireland	N/A	276.98	246.50	599.36	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Arklow Bank Phase 1	Existing	Ireland	Yes	270.15	243.91	611.74	No	No	2	2	3	3	3	5	3	3	3	3	3	3	3	3	5
Arklow Bank Phase 2	Phase 1	Ireland	Yes	270.05	244.00	612.53	No	No	1	1	5	5	5	5	5	5	5	5	5	5	5	5	5
Banba Wind	Phase 2 / Future Framework	Ireland	N/A	276.22	254.99	636.42	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Codling Wind Park Extension	Phase 2 / Future Framework	Ireland	N/A	276.75	256.64	641.63	No	No	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Réalt na Mara	Phase 2 / Future Framework	Ireland	N/A	274.73	251.83	644.72	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Codling Wind Park	Phase 1	Ireland	Yes	276.08	257.51	645.53	No	No	1	1	5	5	5	5	5	5	5	5	5	5	5	5	6
Oriel Wind Farm	Phase 1	Ireland	Yes	264.30	266.16	663.03	No	No	1	1	5	5	5	5	5	5	5	5	5	5	5	5	5
Dublin Array	Phase 1	Ireland	Yes	266.25	250.93	665.87	No	No	1	1	5	5	5	5	5	5	5	5	5	5	5	5	5
Sea Stacks	Phase 2 / Future Framework	Ireland	N/A	266.37	252.01	667.54	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Sunrise Wind (IE)	Phase 2 / Future Framework	Ireland	N/A	271.80	256.61	668.53	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6

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Greystones	Phase 2 / Future Framework	Ireland	N/A	279.11	264.03	669.47	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Kilmichael Point	Phase 2 / Future Framework	Ireland	N/A	272.07	242.73	671.53	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
North Irish Sea Array (NISA)	Phase 1	Ireland	Yes	269.39	266.79	681.17	No	No	1	1	5	5	5	5	5	5	5	5	5	5	5	5	5
Dublin	Phase 2 / Future Framework	Ireland	N/A	258.08	256.41	682.08	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Cooley Point	Phase 2 / Future Framework	Ireland	N/A	270.29	270.64	683.86	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Clogher Head	Phase 2 / Future Framework	Ireland	N/A	263.44	263.08	690.57	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Setanta	Phase 2 / Future Framework	Ireland	N/A	271.91	269.56	695.40	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Braymore Point	Phase 2 / Future Framework	Ireland	N/A	271.76	269.47	695.82	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Lir Offshore Array	Phase 2 / Future Framework	Ireland	N/A	274.80	267.35	696.67	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Floating Power Plant - Ireland	Phase 2 / Future Framework	Ireland	N/A	256.04	250.99	697.68	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
North Irish Sea Array 2	Phase 2 / Future Framework	Ireland	N/A	277.25	269.20	706.65	No	No	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Pentland Floating Wind	Planning	UK	Yes	707.78	891.34	710.83	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
West of Orkney Wind Farm	Consented	UK	Yes	721.42	856.85	724.61	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
North Irish Sea Array 3	Phase 2 / Future Framework	Ireland	N/A	424.30	374.77	721.35	No	No	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Bardsey Sound	Shelved	UK	No	N/A	N/A	N/A	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Celtic Deep Phase 1	Shelved	UK	No	N/A	N/A	N/A	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Celtic Deep Phase 2	Shelved	UK	No	N/A	N/A	N/A	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Connel (PLAT-I)	Decommissioned	UK	No	N/A	N/A	N/A	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6
Draig Y Mor	Shelved	UK	No	N/A	N/A	N/A	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6

Cumulative Effect Matrices

Offshore Renewable Energy (ORE) Developments

1	Potential impact -Screened **in**
2	Part of the topic baseline and potential ongoing impact -Screened **in**
3	Part of the topic baseline and no potential ongoing impact -Screened **out**
4	No temporal overlap -Screened **out**
5	No effect-receptor pathway -Screened **out**
6	No data/insufficient information -Screened **out**

Development	Status	Region	Temporal Overlap	Distance to the Offshore Array Area (OAA) (km)	Distance to the Offshore Export Cable (OEC) (km)	Distance by Coast to OAA (km)	Within ICES Rectangle	Within Shannon Estuary	Population and Human Health	Climate	Marine Physical Processes	Water and Sediment Quality	Benthic Ecology	Marine Ornithology	Marine Mammals and Other Megafauna	Commercial Fisheries	Shipping and Navigation	Civil and Military Aviation	SLVIA	Marine Archaeology and Cultural Heritage	Other Users of the Marine Environment	Offshore Air Quality and Airborne Noise	Major Accidents and Natural Disasters
Inis Offshore Wind Leinster	Phase 2 / Future Framework	Ireland	N/A	282.44	267.32	740.24	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Mingary	Decommissioned	UK	No	N/A	N/A	N/A	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6
Mull of Galloway	Unknown	UK	Unknown	N/A	N/A	N/A	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Mull of Kintyre	Unknown	UK	Unknown	N/A	N/A	N/A	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Ramsey Sound	Shelved	UK	No	N/A	N/A	N/A	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Sanda Sound	Decommissioned	UK	No	N/A	N/A	N/A	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6
Scarweather Sands	Cancelled	UK	No	N/A	N/A	N/A	No	No	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Shell Flats No. 1 (Western)	Cancelled	UK	No	N/A	N/A	N/A	No	No	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Shell Flats No. 2 (Eastern)	Cancelled	UK	No	N/A	N/A	N/A	No	No	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Sound of Islay	Cancelled	UK	No	N/A	N/A	N/A	No	No	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
St David's Head	Unknown	UK	Unknown	N/A	N/A	N/A	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Torr Head	Shelved	UK	No	N/A	N/A	N/A	No	No	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6

Cumulative Effect Matrices

Non-ORE Foreshore Applications

1	Potential impact -Screened **in**
2	Part of the topic baseline and potential ongoing impact -Screened **in**
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5	No effect-receptor pathway -Screened **out**
6	No data/insufficient information -Screened **out**

Site ID	Licence Holder	Status	Product	Temporal Overlap	Distance to the Offshore Array Area (OAA) (km)	Distance to the Offshore Export Cable (OEC) (km)	Within ICES Rectangle	Within Shannon Estuary	Population and Human Health	Climate	Marine Physical Processes	Water and Sediment Quality	Benthic Ecology	Marine Ornithology	Marine Mammals and Other Megafauna	Commercial Fisheries	Shipping and Navigation	Civil and Military Aviation	SLVIA	Marine Archaeology and Cultural Heritage	Other Users of the Marine Environment	Offshore Air Quality and Airborne Noise	Major Accidents and Natural Disasters
FS007494	Atlantic Offshore Renewable Energy 1	Applied	Scientific research	Yes	28.00	33.77	No	No	5	5	6	6	6	5	6	6	6	6	6	6	6	6	5
FS007461	UCD Research Experiments, Inishmaan	Operational	Scientific research	Yes	28.21	13.12	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
FS006896	Irish Whale and Dolphin Group - CPOD sub-surface acoustic monitoring buoy.	Determination - operational	Scientific Research	Yes	33.00	32.92	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
MUL230024	Deep Sea Fibre Networks Ltd.	Applied	Underwater cable	Yes	35.95	0.00	Yes	Yes	6	5	5	5	5	5	5	5	5	5	5	5	5	5	6
FS006566	Galway Bay Marine and Renewable Energy Test Site	Determination - operational	Wave/Combination	Yes	42.41	42.63	Yes	No	5	5	6	6	6	5	6	6	6	6	6	6	6	6	5
FS007372	Saoirse Wave Energy	Applied	Wave	Yes	51.67	0.00	Yes	No	6	5	6	6	6	5	6	6	6	6	6	6	6	6	6
FS006889	America Europe Connect 2	Determination - operational	Subsea Cable	Yes	55.32	59.68	No	No	6	5	5	5	5	5	5	5	5	5	5	5	5	5	6
FS007246	IRIS sub-sea fibre optic cable system	Determination - operational	Cable	Yes	71.87	0.00	Yes	No	5	5	3	3	3	5	3	3	3	3	3	3	3	3	5
LIC230008	Electricity Supply Board	Determined	Site Investigations	Yes	76.37	17.79	Yes	Yes	5	5	6	6	6	5	6	6	6	6	6	6	6	6	5

Cumulative Effect Matrices

Non-ORE Foreshore Applications

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Site ID	Licence Holder	Status	Product	Temporal Overlap	Distance to the Offshore Array Area (OAA) (km)	Distance to the Offshore Export Cable (OEC) (km)	Within ICES Rectangle	Within Shannon Estuary	Population and Human Health	Climate	Marine Physical Processes	Water and Sediment Quality	Benthic Ecology	Marine Ornithology	Marine Mammals and Other Megafauna	Commercial Fisheries	Shipping and Navigation	Civil and Military Aviation	SLVIA	Marine Archaeology and Cultural Heritage	Other Users of the Marine Environment	Offshore Air Quality and Airborne Noise	Major Accidents and Natural Disasters
MUL240034	Gas Network Ireland	Applied	Environmental surveys	Yes	77.49	18.92	Yes	Yes	5	5	6	6	6	5	6	6	6	6	6	6	6	6	5
FS005791	Eirgrid Plc - Shannon	Determination - Cable operational	Subsea cable	Yes	79.88	21.38	Yes	Yes	5	5	6	6	6	5	6	6	6	6	6	6	6	6	5
FS007083	Cross Shannon Cable Project	Determination - operational	Cable	Yes	80.04	21.54	Yes	Yes	5	5	3	3	3	5	3	3	3	3	3	3	3	3	5
FS007166	Uisce Éireann-Relocation of WWTP Outfall	Applied	Outfall	Yes	83.51	43.93	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
FS007081	Design Pro Hydrokinetic Turbine Test, Cahiracon Quay, Clare	Consultation	Tidal	Yes	85.38	33.06	Yes	Yes	5	5	6	6	6	5	6	6	6	6	6	6	6	6	5
LIC230004	Aughinish Alumina Ltd	Applied	Dredging	Yes	86.57	32.46	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
LIC230014	Shannon Foynes Port Company	Determined	Site Investigations	Yes	87.12	33.33	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
FS006505	Irish Wave Energy Developers Association, Wave Rider Buoy, Blacksod Bay	Determination – operational	Wave	Yes	90.57	95.75	No	No	5	5	6	6	6	5	6	6	6	6	6	6	6	6	5
FS006905	Íon Organics Ltd	Consultation	Seaweed harvesting	Yes	97.14	47.96	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

Cumulative Effect Matrices

Non-ORE Foreshore Applications

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Site ID	Licence Holder	Status	Product	Temporal Overlap	Distance to the Offshore Array Area (OAA) (km)	Distance to the Offshore Export Cable (OEC) (km)	Within ICES Rectangle	Within Shannon Estuary	Population and Human Health	Climate	Marine Physical Processes	Water and Sediment Quality	Benthic Ecology	Marine Ornithology	Marine Mammals and Other Megafauna	Commercial Fisheries	Shipping and Navigation	Civil and Military Aviation	SLVIA	Marine Archaeology and Cultural Heritage	Other Users of the Marine Environment	Offshore Air Quality and Airborne Noise	Major Accidents and Natural Disasters
FS007041	Fenit Harbour Maintenance Dredging and Disposal at Sea	Determination - operational	Dredging	Yes	101.85	53.95	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
FS007117	Tralee Golf Club Coastal Protection	Applied	Coastal Protection	Yes	103.03	53.55	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
FS006474	Tralee Bay	Determination - operational	Dredging	Yes	106.70	57.19	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
FS007427	Gkinetic Energy, Hydrokinetic Demonstrator Project, Thomond Weir, Limerick	Applied	Tidal	Yes	107.12	63.96	No	No	5	5	6	6	6	5	6	6	6	6	6	6	6	6	5
FS007130	ESB Networks - Achill Island Submarine Cables Installation	Determination (issued 12/04/2024)	Subsea Cable	Yes	FS1 - 74.58 FS2 - 72.01 FS3 - 64.39	FS1 - 79.58 FS2 - 76.95 FS3 - 69.41	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
FS005751	Galway Bay Marine Test Site Cable Project	Determination - Cable operational	Cable	Yes	39.624	39.879	Yes	No	6	5	6	6	6	5	6	6	6	6	6	6	6	6	6

Cumulative Effect Matrices

Aquaculture

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Site ID	Licence Holder	Status	Product	Temporal Overlap	Distance To the Offshore Array Area (OAA) (km)	Distance to the Offshore Export Cable (OEC) (km)	Within ICES Rectangle	Within Shannon Estuary	Population and Human Health	Climate	Marine Physical Processes	Water and Sediment Quality	Benthic Ecology	Marine Ornithology	Marine Mammals and Other Megafauna	Commercial Fisheries	Shipping and Navigation	Civil and Military Aviation	SLVIA	Marine Archaeology and Cultural Heritage	Other Users of the Marine Environment	Offshore Air Quality and Airborne Noise	Major Accidents and Natural Disasters
T09-078-01	Udaras Na Gaeltachta	Applied	Shellfish	Yes	1.06	3.64	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-078-1	Udaras na Gaeltachta	Active	Shellfish	Yes	2.64	5.92	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-114	Bradan Beo Teoranta	Applied	Finfish	Yes	3.73	4.37	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-114B	Bradán Beo Teoranta	Active	Finfish	Yes	4.71	6.17	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-011AOFO	Beirtreach Teoranta	Active	Shellfish	Yes	6.14	8.73	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-155-1	Comhlucht Bradain Chonamara Teo	Applied	Finfish	Yes	8.13	12.18	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-203B	Bradán Beo Teoranta	Active	Finfish	Yes	8.14	10.55	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-155-1	Comhluct Bradain Chonemara Teo Co. Ltd.	Active	Finfish	Yes	8.43	12.45	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-119A	Bradán Beo Teoranta	Active	Finfish	Yes	9.69	10.16	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-203A	Bradán Beo Teoranta	Active	Finfish	Yes	9.88	12.50	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-203	Bradan Beo Teoranta	Applied	Finfish	Yes	9.89	12.46	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-119B	Bradán Beo Teoranta	Active	Finfish	Yes	10.08	10.56	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-280	Bradan Beo Teoranta	Applied	Finfish	Yes	10.20	11.92	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-114A	Bradán Beo Teoranta	Active	Finfish	Yes	10.20	12.81	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-136A	Bradán Beo Teoranta	Active	Finfish	Yes	10.44	12.01	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

Cumulative Effect Matrices

Aquaculture

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Site ID	Licence Holder	Status	Product	Temporal Overlap	Distance To the Offshore Array Area (OAA) (km)	Distance to the Offshore Export Cable (OEC) (km)	Within ICES Rectangle	Within Shannon Estuary	Population and Human Health	Climate	Marine Physical Processes	Water and Sediment Quality	Benthic Ecology	Marine Ornithology	Marine Mammals and Other Megafauna	Commercial Fisheries	Shipping and Navigation	Civil and Military Aviation	SLVIA	Marine Archaeology and Cultural Heritage	Other Users of the Marine Environment	Offshore Air Quality and Airborne Noise	Major Accidents and Natural Disasters
T09-009OFO	Beirtreach Teoranta	Active	Shellfish	Yes	10.92	11.89	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-107	Comhlucht Bradain Chonamara Teo	Applied	Finfish	Yes	10.99	14.49	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-107	Comhlucht Bradain Chonamara Teo	Active	Finfish	Yes	11.14	14.60	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-105C	Bradán Beo Teoranta	Active	Finfish	Yes	11.34	13.61	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-146A	Bradán Beo Teoranta	Active	Finfish	Yes	11.64	12.61	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-155	Comhlacht Bradain Chonamara Teo	Active	Finfish	Yes	12.18	15.70	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-155	Comhlucht Bradain Chonamara Teo	Applied	Finfish	Yes	12.27	15.79	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-141	Bradan Beo Teoranta	Applied	Finfish	Yes	12.46	14.21	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-141A	Bradán Beo Teoranta	Active	Finfish	Yes	12.59	14.16	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-119C	Bradán Beo Teoranta	Active	Finfish	Yes	12.66	12.88	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-010OFO	Beirtreach Teoranta	Active	Shellfish	Yes	12.82	15.08	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-149A	Bradán Beo Teoranta	Active	Finfish	Yes	13.28	13.52	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-093A	Marine Institute	Active	Finfish	Yes	15.05	18.26	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-495	Connemara Organic Seaweeds	Applied	Aquatic Plant	Yes	16.87	19.09	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-096	Ardbear Sea Farms Ltd	Active	Finfish	Yes	17.76	22.99	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

Cumulative Effect Matrices

Aquaculture

1	Potential impact -Screened **in**
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6	No data/insufficient information -Screened **out**

Site ID	Licence Holder	Status	Product	Temporal Overlap	Distance To the Offshore Array Area (OAA) (km)	Distance to the Offshore Export Cable (OEC) (km)	Within ICES Rectangle	Within Shannon Estuary	Population and Human Health	Climate	Marine Physical Processes	Water and Sediment Quality	Benthic Ecology	Marine Ornithology	Marine Mammals and Other Megafauna	Commercial Fisheries	Shipping and Navigation	Civil and Military Aviation	SLVIA	Marine Archaeology and Cultural Heritage	Other Users of the Marine Environment	Offshore Air Quality and Airborne Noise	Major Accidents and Natural Disasters
T09-494	Connemara Organic Seaweeds	Applied	Aquatic Plant	Yes	17.96	20.42	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-493	Connemara Organic Seaweeds	Applied	Aquatic Plant	Yes	18.11	19.37	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-417C	Josie King	Active	Shellfish	Yes	18.71	24.24	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-517A	Josie King	Active	Shellfish	Yes	18.76	24.31	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-417B	Josie King	Active	Shellfish	Yes	18.77	24.26	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-417A	Josie King	Active	Shellfish	Yes	18.95	24.47	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-140	Mannin Bay Salmon Company	Applied	Finfish	Yes	19.96	25.69	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-267	Michael O'Malley	Active	Shellfish	Yes	19.98	25.45	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-428A	Michael O'Malley	Active	Shellfish	Yes	20.07	25.54	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-140	Mannin Bay Salmon Company Ltd	Active	Finfish	Yes	20.15	25.87	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-426-1A	Josie King	Active	Shellfish	Yes	20.20	25.68	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-521A	Josie King	Active	Shellfish	Yes	20.28	25.77	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-096B	Ardbear Sea Farms Ltd	Active	Finfish	Yes	20.79	26.30	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-008OFO	Ardbear Sea Farms Ltd	Active	Shellfish	Yes	21.01	26.52	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-127	Ardbear Sea Farms Ltd	Active	Finfish	Yes	21.85	27.42	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-127	Ardbear Seafarms Ltd.	Applied	Finfish	Yes	21.87	27.43	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-456A	Abalone Chonamara Teoranta	Active	Shellfish	Yes	23.61	24.33	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-514A	Adrian O'Toole	Active	Shellfish	Yes	24.13	29.66	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-516A	Adrian O'Toole	Active	Shellfish	Yes	24.48	30.02	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

Cumulative Effect Matrices

Aquaculture

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Site ID	Licence Holder	Status	Product	Temporal Overlap	Distance To the Offshore Array Area (OAA) (km)	Distance to the Offshore Export Cable (OEC) (km)	Within ICES Rectangle	Within Shannon Estuary	Population and Human Health	Climate	Marine Physical Processes	Water and Sediment Quality	Benthic Ecology	Marine Ornithology	Marine Mammals and Other Megafauna	Commercial Fisheries	Shipping and Navigation	Civil and Military Aviation	SLVIA	Marine Archaeology and Cultural Heritage	Other Users of the Marine Environment	Offshore Air Quality and Airborne Noise	Major Accidents and Natural Disasters
T09-299B	Boet Mor Seafood (Ireland) Ltd	Active	Shellfish	Yes	24.85	30.38	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-415	Richard West	Active	Shellfish	Yes	24.99	30.52	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-299A	Boet Mor Seafood (Ireland) Ltd	Active	Shellfish	Yes	25.04	30.58	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-484A	John Anthony Ward	Active	Shellfish	Yes	25.05	30.61	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-490A	Boet Mor Seafood (Ireland) Ltd	Active	Shellfish	Yes	25.15	30.70	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-448A	John Anthony Ward	Active	Shellfish	Yes	25.26	30.83	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-300	Boet Mor Seafood (Ireland) Ltd	Active	Shellfish	Yes	26.72	32.44	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-124	Screebe Fishery Ltd	Active	Finfish	Yes	26.83	29.43	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-301	Boet Mor Seafood (Ireland) Ltd	Active	Shellfish	Yes	26.84	32.56	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-333A	Brian McCarrick	Active	Shellfish	Yes	26.94	32.69	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-404A	Michael O'Malley	Active	Shellfish	Yes	28.51	33.77	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-488A	Lorcan Folan	Active	Shellfish	Yes	28.54	33.72	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-004OFO	Cleggan Lobster Fisheries	Active	Shellfish	Yes	28.57	33.80	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-370A	Anthony Coyne	Active	Shellfish	Yes	28.76	33.86	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-144	Screebe Fishery Ltd	Active	Finfish	Yes	28.94	31.53	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-369	Lorcan Folan	Active	Shellfish	Yes	29.36	34.65	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

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T09-095A	GERARD O DONOGHUE & EUGENE CASEY	Active	Finfish	Yes	29.96	35.21	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-370	Anthony Coyne	Active	Shellfish	Yes	30.89	36.08	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-132A	Gerry O'Donoghue	Active	Finfish	Yes	31.48	36.82	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-434	Cleggan Seaweed Ltd	Active	Aquatic Plant	Yes	31.57	37.18	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-492A	Michael O'Malley	Active	Shellfish	Yes	31.92	37.24	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-095	Celtic Atlantic Salmon Killary Ltd	Active	Finfish	Yes	34.03	38.33	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-317A	Purple Spade Ltd	Active	Shellfish	Yes	35.81	39.86	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-340	FINTAN MCMANAMON	Active	Shellfish	Yes	35.90	39.97	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-313A	Online Mussels Ltd	Active	Shellfish	Yes	36.00	40.06	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-296A	Online Mussels Ltd	Active	Shellfish	Yes	36.00	40.10	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-507A	Killary Fjord Shellfish Ltd	Active	Shellfish	Yes	36.03	40.15	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-508	Pat Lydon	Applied	Shellfish	Yes	36.03	40.10	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-361A	Jim O'Malley	Active	Shellfish	Yes	36.15	40.27	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-076A	CLUGGAM MUSSELS LTD	Active	Shellfish	Yes	36.17	40.34	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-388A	Peter Nee	Active	Shellfish	Yes	36.22	40.33	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-510	Kevin & Michael Lydon	Applied	Shellfish	Yes	36.34	40.26	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-076B	KEVIN & MICHAEL LYDON	Active	Shellfish	Yes	36.36	40.28	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-372A	Bartley O'Malley	Active	Shellfish	Yes	36.40	40.60	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-408A	Black Pearl Shellfish Ltd	Active	Shellfish	Yes	36.42	40.60	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

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T09-401B	BLACK PEARL SHELLFISH LTD	Active	Shellfish	Yes	36.45	40.37	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-308A	KEVIN & MICHAEL LYDON	Active	Shellfish	Yes	36.48	40.72	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-184A	KEVIN & MICHAEL LYDON	Active	Shellfish	Yes	36.49	40.76	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-394B	Edward Nee Jnr	Active	Shellfish	Yes	36.49	40.40	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-051A	Brid Kavanagh	Active	Shellfish	Yes	36.53	40.84	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-385B	Purple Spade Ltd	Active	Shellfish	Yes	36.54	40.44	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-394A	Edward Nee Jnr	Active	Shellfish	Yes	36.55	40.79	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-366	Purple Spade Ltd	Active	Shellfish	Yes	36.58	40.91	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-389B	Black Pearl Shellfish Ltd	Active	Shellfish	Yes	36.59	40.47	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-389A	Black Pearl Shellfish Ltd	Active	Shellfish	Yes	36.60	40.87	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-388B	Peter Nee	Active	Shellfish	Yes	36.62	40.52	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-385A	Purple Spade Ltd	Active	Shellfish	Yes	36.64	40.95	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-341A	CLUGGAM MUSSELS LTD	Active	Shellfish	Yes	36.65	41.02	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-361B	Jim O'Malley	Active	Shellfish	Yes	36.65	40.54	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-171B	LETTERGESH MUSSELS LTD	Active	Shellfish	Yes	36.68	40.55	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-372B	Bartley O'Malley	Active	Shellfish	Yes	36.70	40.58	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-363	Eddie Nee	Active	Shellfish	Yes	36.75	40.63	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-051B	Brid Kavanagh	Active	Shellfish	Yes	36.77	40.63	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-392A	Black Pearl Shellfish Ltd	Active	Shellfish	Yes	36.78	41.13	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-341B	KEVIN & MICHAEL LYDON	Active	Shellfish	Yes	36.82	40.68	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-199A	Killary Fish Farming Co-	Active	Shellfish	Yes	36.82	41.21	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

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	operative Society Ltd																						
T09-511	Kevin & Michael Lydon	Applied	Shellfish	Yes	36.84	40.70	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-308B	KEVIN & MICHAEL LYDON	Active	Shellfish	Yes	36.86	40.72	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-184B	Kevin Lydon	Active	Shellfish	Yes	36.93	40.77	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-296B	Online Mussels Ltd	Active	Shellfish	Yes	36.95	40.80	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-391A	Ciaran Coyne	Active	Shellfish	Yes	36.95	41.33	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-199B	Killary Fish Farming Co-operative Society Ltd	Active	Shellfish	Yes	36.98	40.82	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-401A	BLACK PEARL SHELLFISH LTD	Active	Shellfish	Yes	37.00	41.41	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-313B	Online Mussels Ltd	Active	Shellfish	Yes	37.01	40.84	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-397A	Online Mussels Ltd	Active	Shellfish	Yes	37.03	41.47	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-422A	Online Mussels Ltd	Active	Shellfish	Yes	37.05	40.87	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-422-1A	Online Mussels Ltd	Active	Shellfish	Yes	37.10	40.92	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-317B	Purple Spade Ltd	Active	Shellfish	Yes	37.10	40.93	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-143	DOCON LTD	Active	Finfish	Yes	37.11	41.65	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-400	Liam Gerard Laffey	Active	Shellfish	Yes	37.12	41.53	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-399	Black Pearl Shellfish Ltd	Active	Shellfish	Yes	37.15	41.59	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-135	KEVIN & MICHAEL LYDON	Active	Shellfish	Yes	37.18	40.98	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-396B	Brian Spellman	Active	Shellfish	Yes	37.18	41.00	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

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T09-175B	Killary Fjord Shellfish Ltd	Active	Shellfish	Yes	37.26	41.05	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-392B	Black Pearl Shellfish Ltd	Active	Shellfish	Yes	37.30	41.10	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-143A	DOCON LTD	Active	Finfish	Yes	38.33	43.10	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-291	Delphi Estate and Fishery	Active	Finfish	Yes	40.48	44.39	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-264	Inland Fisheries Ireland	Active	Finfish	Yes	41.31	44.83	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-306	Inland Fisheries Ireland	Active	Finfish	Yes	51.31	53.88	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T08-074	Clareaqua Ltd.	Active	Shellfish	Yes	54.63	47.93	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-005	Clew Bay Oyster CO-OP Society Ltd	Active	Shellfish	Yes	55.24	59.56	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T08-002OFO	Irish Oyster Aqua Ltd	Active	Shellfish	Yes	55.38	48.64	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-58-4	Feirm Farraige Oilean Chilara Teoranta	Applied	Finfish	Yes	55.50	60.39	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T08-016	Feargal Langley	Active	Shellfish	Yes	55.99	49.15	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T08-112A	Eamonn Chesser	Active	Shellfish	Yes	56.24	49.06	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T08-084B	Dolphin Seafarms Ltd	Active	Shellfish	Yes	56.42	48.81	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-058A	Feirm Farraige Oilean Chliara Teo	Active	Finfish	Yes	56.43	61.31	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T08-114A	Cartron Point Shellfish Ltd	Active	Aquatic Plant	Yes	56.54	49.28	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T08-111A	Eamonn Chesser	Active	Shellfish	Yes	56.65	48.89	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T08-063	Pouldoody Aquaculture Ltd	Active	Shellfish	Yes	56.87	49.07	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T08-115A	Sliogeisc Siar Teoranta	Applied	Shellfish	Yes	57.66	51.99	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

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T10-058-8	Feirm Farraige Oilean Chilara Teoranta	Applied	Finfish	Yes	57.68	62.71	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-058B	Feirm Farraige Oilean Chliara Teo	Active	Finfish	Yes	57.97	62.99	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-512A	Dara Vaughan	Active	Aquatic Plant, Shellfish	Yes	58.89	54.28	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-424	Rainer Krause	Active	Shellfish	Yes	59.07	54.43	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-520A	Galway Gourmet Oysters Ltd	Active	Shellfish	Yes	59.45	57.82	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-304D	Maitias Burke	Active	Shellfish	Yes	59.47	63.28	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-298C	Sean O'Grady	Active	Shellfish	Yes	59.62	63.39	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-503A	Galway Gourmet Oysters Ltd	Active	Shellfish	Yes	59.64	57.42	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-298A	Donegal Aquaculture Services Ltd	Active	Shellfish	Yes	59.75	63.52	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-304C	Maitias Burke	Active	Shellfish	Yes	59.80	63.61	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-377B	Galway Gourmet Oysters Ltd	Active	Shellfish	Yes	59.80	57.56	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-335A	Rosmoney Shellfish Ltd	Active	Shellfish	Yes	59.85	63.61	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-305A	Rosmoney Shellfish Ltd	Active	Shellfish	Yes	59.89	63.73	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-298B	Sean O'Grady	Active	Shellfish	Yes	59.95	63.70	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-202-1	Sean O'Grady	Active	Shellfish	Yes	59.97	63.74	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-376A	Keanes Seafood Ltd	Active	Shellfish	Yes	60.19	58.54	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-336	Charles O'Malley	Active	Shellfish	Yes	60.21	63.96	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-278A	Sean O'Grady	Active	Shellfish	Yes	60.25	64.03	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-278B	Sean O'Grady	Active	Shellfish	Yes	60.33	64.10	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

Cumulative Effect Matrices

Aquaculture

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Site ID	Licence Holder	Status	Product	Temporal Overlap	Distance To the Offshore Array Area (OAA) (km)	Distance to the Offshore Export Cable (OEC) (km)	Within ICES Rectangle	Within Shannon Estuary	Population and Human Health	Climate	Marine Physical Processes	Water and Sediment Quality	Benthic Ecology	Marine Ornithology	Marine Mammals and Other Megafauna	Commercial Fisheries	Shipping and Navigation	Civil and Military Aviation	SLVIA	Marine Archaeology and Cultural Heritage	Other Users of the Marine Environment	Offshore Air Quality and Airborne Noise	Major Accidents and Natural Disasters
T09-377A	Galway Gourmet Oysters Ltd	Active	Shellfish	Yes	60.38	58.69	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-278C	Sean O'Grady	Active	Shellfish	Yes	60.41	64.17	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-501A	Thomas Connolly	Active	Shellfish	Yes	60.43	55.16	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-278D	Sean O'Grady	Active	Shellfish	Yes	60.49	64.24	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-278E	Sean O'Grady	Active	Shellfish	Yes	60.56	64.31	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-376B	Keanes Seafood Ltd	Active	Shellfish	Yes	60.68	58.99	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-299A	Irish Oysters Harvest Ltd	Active	Shellfish	Yes	60.74	64.42	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-375C	De Burca Oysters Ltd	Active	Shellfish	Yes	60.85	58.81	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-375A	De Burca Oysters Ltd	Active	Shellfish	Yes	60.91	59.22	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-374A	Michael Irwin	Active	Shellfish	Yes	61.14	59.46	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-504A	Michael Irwin	Active	Shellfish	Yes	61.17	59.45	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-373A	Declan Ashe	Active	Shellfish	Yes	61.18	59.55	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-374B	Michael Irwin	Active	Shellfish	Yes	61.33	59.35	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-332	Brian Martyn	Active	Shellfish	Yes	61.34	57.30	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-376D	Keanes Seafood Ltd	Active	Shellfish	Yes	61.44	59.35	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-373B	Declan Ashe	Active	Shellfish	Yes	61.66	60.16	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-376E	Keanes Seafood Ltd	Active	Shellfish	Yes	61.70	59.21	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-087	Stofnfiskur Ltd	Active	Finfish	Yes	61.96	63.91	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-293	Carrowholly Shellfish Ltd	Active	Shellfish	Yes	62.12	65.82	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-245	Carrowholly Shellfish Ltd	Active	Shellfish	Yes	62.14	65.84	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-500A	Thomas Connolly	Active	Shellfish	Yes	62.21	57.03	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

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Aquaculture

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MUL240043	BioAtlantis Ltd	Applied	Aquatic Plant	Yes	62.27	58.37	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-470A	Patrick J Martyn	Active	Shellfish	Yes	62.31	58.26	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-376C	Keanes Seafood Ltd	Active	Shellfish	Yes	62.56	61.11	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-373C	Declan Ashe	Active	Shellfish	Yes	62.69	61.26	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-073B	Rosmoney Shellfish Ltd	Active	Shellfish	Yes	63.03	66.84	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-005A	St George Fishery Co-Op	Active	Shellfish	Yes	63.12	58.03	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-482A	James Linnane	Active	Shellfish	Yes	63.17	57.88	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-453A	Eugene Dillon	Active	Shellfish	Yes	63.26	57.23	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-291A	John Sammon and Michael Sammon	Active	Shellfish	Yes	63.35	67.39	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-014AOFO	Michael Joseph Moran	Active	Shellfish	Yes	63.51	67.47	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-309	Daniel Krause	Active	Shellfish	Yes	63.56	57.50	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-346	David Krause	Active	Shellfish	Yes	63.84	57.63	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-018	Crushoa Oyster Rights	Active	Shellfish	Yes	63.97	57.35	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-387	Beobio Teoranta	Active	Shellfish	Yes	64.12	58.28	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-020	Rainer Krause	Active	Shellfish	Yes	64.15	57.92	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-241	Rainer Krause	Active	Shellfish	Yes	64.39	58.28	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-463A	Mattie Larkin	Active	Shellfish	Yes	64.46	60.79	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-393	Mattie Joe Larkin	Active	Shellfish	Yes	64.60	60.76	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-054	Marine Harvest Ireland Ltd	Active	Finfish	Yes	64.61	69.61	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-007AOFO	Oyster Fishery Company	Active	Shellfish	Yes	64.67	61.05	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-212-2	Sciana Mara Teo	Active	Shellfish	Yes	64.70	69.67	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

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Aquaculture

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T10-212	Sciana Mara Teo	Active	Shellfish	Yes	64.87	69.85	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-198	Patrick Gavin	Active	Shellfish	Yes	65.13	69.10	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-308A	SEAFAYRE LTD	Active	Aquatic Plant, Shellfish	Yes	65.24	69.31	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-282A	Aisling O'Leary	Active	Shellfish	Yes	65.31	70.29	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-274	Sciana Mara Teo	Active	Shellfish	Yes	65.48	70.45	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-297A	Padraic Gannon	Active	Shellfish	Yes	65.77	70.72	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-065	William Moran	Active	Shellfish	Yes	66.02	62.80	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-341	BLACKSHELL FARM LTD	Active	Shellfish	Yes	66.48	70.46	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-302B	Connemara Seafoods Ltd	Active	Shellfish	Yes	66.66	70.44	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-054	Feirm Farraige Oilean Chilara Teoranta	Applied	Finfish	Yes	66.67	70.71	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-067B	Feirm Farraige Oilean Chliara Teo	Active	Finfish	Yes	66.80	70.97	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-302A	Connemara Seafoods Ltd	Active	Shellfish	Yes	66.80	70.57	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-301B	Blackshell Farm Ltd	Active	Shellfish	Yes	67.01	71.01	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-054A	Feirm Farraige Oilean Chliara Teo	Active	Finfish	Yes	67.21	71.33	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-301A	Blackshell Farm Ltd	Active	Aquatic Plant, Shellfish	Yes	67.25	71.26	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-056	Blackshell Farm Ltd	Active	Shellfish	Yes	67.33	71.65	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-301C	Blackshell Farm Ltd	Active	Shellfish	Yes	67.39	71.35	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-054B	Feirm Farraige Oilean Chliara Teo	Active	Finfish	Yes	67.41	71.50	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

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T10-279A	Anthony Legg	Active	Shellfish	Yes	67.51	71.72	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-054C	Feirm Farraige Oilean Chliara Teo	Active	Finfish	Yes	67.52	71.66	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-342B	Atlantic Greenway Oysters Ltd	Active	Shellfish	Yes	68.03	72.21	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-292B	Padraic Gannon	Active	Shellfish	Yes	68.11	71.86	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-067	Feirm Farraige Oilean Chilara Teoranta	Applied	Finfish	Yes	68.20	72.27	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-333A	Joseph McManamon	Active	Shellfish	Yes	68.23	72.43	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-334A	Padraig McManamon	Active	Shellfish	Yes	68.24	72.45	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-292A	Padraic Gannon	Active	Shellfish	Yes	68.28	72.06	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-342A	Atlantic Greenway Oysters Ltd	Active	Shellfish	Yes	68.31	72.50	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-260A	John McManamon	Active	Shellfish	Yes	68.36	72.53	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-339A	Kevin Kilroy	Active	Shellfish	Yes	68.37	72.52	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-067A	Feirm Farraige Oilean Chliara Teo	Active	Finfish	Yes	68.37	72.43	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-285A	Peter McManamon	Active	Shellfish	Yes	68.43	72.67	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-290A	Michael Fahey	Active	Shellfish	Yes	68.45	72.66	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-276	SOFI Shellfish Ltd	Active	Shellfish	Yes	68.47	72.69	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-321A	SOFI Shellfish Ltd	Active	Shellfish	Yes	68.47	72.62	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-288A	SOFI Shellfish Ltd	Active	Shellfish	Yes	68.69	72.87	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-295A	Fergal Guilfoyle	Active	Shellfish	Yes	68.76	72.99	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-284A	Michael Kilbane	Active	Shellfish	Yes	68.82	73.80	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-283A	Thomas Muldoon	Active	Shellfish	Yes	68.85	73.09	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

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T08-086A	Thomas Blunnie	Active	Shellfish	Yes	68.86	10.86	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-294A	Fergal Guilfoyle	Active	Shellfish	Yes	68.98	73.19	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-338A	SOFI Shellfish Ltd	Active	Shellfish	Yes	68.99	73.21	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T08-099C	Mairead Mahoney	Active	Shellfish	Yes	69.09	11.21	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T08-097E	Poulnasherry Oysters Ltd	Active	Shellfish	Yes	69.11	11.18	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T08-095D	Michael McMahon	Active	Shellfish	Yes	69.13	11.10	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-303A	McNulty Oyster Farms Ltd	Active	Shellfish	Yes	69.18	73.32	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-284B	Michael Kilbane	Active	Shellfish	Yes	69.19	74.15	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-337	Atlantic Greenway Oysters Ltd	Active	Shellfish	Yes	69.23	73.46	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T08-108A	Brendan Garvey	Active	Shellfish	Yes	69.25	11.45	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T08-096F	Moyasta Oysters Ltd	Active	Shellfish	Yes	69.27	11.36	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-171A	PATRICK LYDON	Active	Shellfish	Yes	69.31	73.52	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T08-098C	Brendan Garvey	Active	Shellfish	Yes	69.32	11.40	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-313A	Thomas Henry	Active	Shellfish	Yes	69.35	74.27	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T08-097D	Poulnasherry Oysters Ltd	Active	Shellfish	Yes	69.40	11.48	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T08-106A	Moyasta Oysters Ltd	Active	Shellfish	Yes	69.40	11.58	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T08-097C	Poulnasherry Oysters Ltd	Active	Shellfish	Yes	69.43	11.49	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T08-098B	Brendan Garvey	Active	Shellfish	Yes	69.47	11.54	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T08-096E	Moyasta Oysters Ltd	Active	Shellfish	Yes	69.50	11.59	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T08-096D	Moyasta Oysters Ltd	Active	Shellfish	Yes	69.57	11.66	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

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Site ID	Licence Holder	Status	Product	Temporal Overlap	Distance To the Offshore Array Area (OAA) (km)	Distance to the Offshore Export Cable (OEC) (km)	Within ICES Rectangle	Within Shannon Estuary	Population and Human Health	Climate	Marine Physical Processes	Water and Sediment Quality	Benthic Ecology	Marine Ornithology	Marine Mammals and Other Megafauna	Commercial Fisheries	Shipping and Navigation	Civil and Military Aviation	SLVIA	Marine Archaeology and Cultural Heritage	Other Users of the Marine Environment	Offshore Air Quality and Airborne Noise	Major Accidents and Natural Disasters
T08-095A	Michael McMahon	Active	Shellfish	Yes	69.57	11.53	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-129A	Joseph Healy	Active	Shellfish	Yes	69.65	74.58	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-318A	Neil Kilbane	Active	Shellfish	Yes	69.66	74.59	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-300A	Thomas Muldoon	Active	Shellfish	Yes	69.67	73.80	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-051	Curraun Fisheries Ltd	Active	Finfish	Yes	69.72	74.32	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T08-102B	Michael Egan	Active	Shellfish	Yes	69.75	11.70	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T08-096C-W	Moyasta Oysters Ltd	Active	Shellfish	Yes	69.76	11.88	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-129B	Joseph Healy	Active	Shellfish	Yes	69.76	74.69	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-317A	Neil Kilbane	Active	Shellfish	Yes	69.77	74.69	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T08-096C-E	Moyasta Oysters Ltd	Active	Shellfish	Yes	69.78	11.89	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-129C	Joseph Healy	Active	Shellfish	Yes	69.78	74.70	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-329A	John Moran	Active	Shellfish	Yes	69.79	73.91	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T08-102A	Michael Egan	Active	Shellfish	Yes	69.79	11.82	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T08-095B	Michael McMahon	Active	Shellfish	Yes	69.80	11.74	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T08-098A	Brendan Garvey	Active	Shellfish	Yes	69.83	11.97	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T08-094B	THOMAS BLUNNIE	Active	Shellfish	Yes	69.89	11.91	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T08-008OFO	Mr & Mrs Glen Driver	Active	Shellfish	Yes	69.99	11.98	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T08-095C	Michael McMahon	Active	Shellfish	Yes	70.43	12.37	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-043A	Curraun Fisheries Ltd	Active	Shellfish	Yes	70.90	75.52	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T08-004BOFO	Atlantic Shellfish Ltd	Active	Shellfish	Yes	71.22	14.19	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T08-097B	Poulnasherry Oysters Ltd	Active	Shellfish	Yes	71.27	13.33	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

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Aquaculture

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T08-096B	Moyasta Oysters Ltd	Active	Shellfish	Yes	71.28	13.35	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T08-101B	Aiden F Casey	Active	Shellfish	Yes	71.29	13.33	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T08-099B	Mairead Mahoney	Active	Shellfish	Yes	71.30	13.38	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T08-097A	Poulnasherry Oysters Ltd	Active	Shellfish	Yes	71.33	13.42	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T08-078	Gearoid Lyons	Active	Shellfish	Yes	71.35	19.22	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T08-099A	Mairead Mahoney	Active	Shellfish	Yes	71.38	13.48	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T08-096A	Moyasta Oysters Ltd	Active	Shellfish	Yes	71.45	13.55	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T08-101A	Aiden F Casey	Active	Shellfish	Yes	71.51	13.62	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T08-116A	Gerry Keyes	Active	Shellfish	Yes	71.72	19.47	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T08-117A	Rinemac Shellfish Ltd	Active	Shellfish	Yes	72.80	20.40	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T08-055A	Martin McKeown	Active	Shellfish	Yes	73.15	22.46	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-307C	Francis Sweeney	Active	Shellfish	Yes	73.21	78.14	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-307B	Francis Sweeney	Active	Shellfish	Yes	73.30	78.23	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-330A	Hugh O'Malley	Active	Shellfish	Yes	74.15	79.13	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-331A	Hugh O'Malley	Active	Shellfish	Yes	74.57	79.55	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-231	Kathleen Davitt	Active	Shellfish	Yes	74.71	79.70	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-310B	Irish Oysters Harvest Ltd	Active	Shellfish	Yes	74.79	79.80	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-050	Salmon Research Agency Of Ireland Incorporated	Active	Finfish	Yes	74.91	78.81	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-323A	Michael Kilbane	Active	Shellfish	Yes	75.22	80.23	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-324A	Michael Kilbane	Active	Shellfish	Yes	75.69	80.70	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-315A	Brendan Calvey	Active	Shellfish	Yes	75.92	80.69	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

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T10-310A	Irish Oysters Harvest Ltd	Active	Shellfish	Yes	76.44	81.44	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-332A	Michael McTigue	Active	Shellfish	Yes	77.24	82.02	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-314A	Brendan Calvey	Active	Shellfish	Yes	78.02	82.80	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-331-A	Ballylongford Shellfish Producers Group	Active	Shellfish	Yes	78.19	19.99	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-347A	Peter Tighe	Active	Shellfish	Yes	78.25	20.80	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-347B	Peter Tighe	Active	Shellfish	Yes	78.44	20.84	Yes	yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-370A	Peter Tighe	Active	Shellfish	Yes	78.50	20.45	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-347C	Peter Tighe	Active	Shellfish	Yes	78.61	20.81	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-233	Cromane Seafoods Ltd	Active	Shellfish	Yes	79.00	20.62	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-312A	Kieran Grealis	Active	Shellfish	Yes	79.30	84.11	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-311	Kieran Grealis	Active	Shellfish	Yes	79.31	84.14	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-331A	Ballylongford Shellfish Producers Group	Active	Shellfish	Yes	79.42	21.07	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-327A	Dooriel Fisheries Ltd	Active	Shellfish	Yes	79.66	84.51	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T08-004AOFO	Atlantic Shellfish Ltd	Active	Shellfish	Yes	81.42	23.22	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T09-084	Frank Burke	Active	Finfish	Yes	87.89	86.09	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-352A	Michael Lavelle	Applied	Aquatic Plant, Shellfish	Yes	88.30	93.42	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T07-007	Shannon Shellfish Ltd	Active	Shellfish	Yes	89.45	37.57	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-004	Tralee Oyster Fisheries Society Ltd	Active	Shellfish	Yes	90.15	44.83	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

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T10-320	Redrose Development Ltd	Active	Aquatic Plant	Yes	91.36	96.39	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T10-351A	Michael Lavelle	Applied	Aquatic Plant, Shellfish	Yes	92.49	97.61	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-284-1	Brandon Bay Seafoods (Ireland) Ltd.	Active	Echinoderm, Shellfish	Yes	102.08	57.96	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-005	Tralee Bay Shellfish Co-Op Society Ltd	Active	Shellfish	Yes	104.45	55.36	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-012OFO	An Runai, Comharchumann Forbartha an Leith	Active	Shellfish	Yes	110.19	69.32	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T26-017	ESB Fisheries Conservation	Applied	Finfish	Yes	110.59	73.82	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T26-017	ESB Fisheries Conservation	Active	Finfish	Yes	110.61	73.81	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-351A	Frank & Daniel McCarthy	Active	Shellfish	Yes	119.49	69.74	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-429A	Dingle Bay Shellfish Ltd	Active	Shellfish	Yes	119.49	69.59	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-304A	Teahan Partners	Active	Shellfish	Yes	119.51	69.56	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-301A	Sullivan, McCarthy Mussel Development Ltd	Active	Shellfish	Yes	119.57	69.52	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-343A	Teahan Partners	Active	Shellfish	Yes	119.75	69.42	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-340A	Dingle Bay Shellfish Ltd	Active	Shellfish	Yes	119.79	69.88	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-007M	Castlemaine Harbour Co-	Active	Shellfish	Yes	119.82	70.66	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

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	operative Society Ltd																						
T06-352A	Castlemaine Harbour Co-operative Society Ltd	Active	Shellfish	Yes	119.91	70.38	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-016A	Castlemaine Harbour Co-operative Society Ltd	Active	Shellfish	Yes	120.01	70.62	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-340B	Owen & P Teahan Shellfish Ltd	Active	Shellfish	Yes	120.01	69.41	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-334N1	Frank McCarthy	Active	Shellfish	Yes	120.15	69.27	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-299A	Caragh Clams Ltd	Active	Shellfish	Yes	120.27	70.69	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-354A	Patrick O'Sullivan	Active	Shellfish	Yes	121.61	71.79	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-353A	Daniel McCarthy	Active	Shellfish	Yes	121.65	71.89	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-342A	Liam O'Connor	Active	Shellfish	Yes	122.17	71.71	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-291B	Cromane Oysters Ltd	Active	Shellfish	Yes	122.38	71.92	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-310A	John O'Sullivan	Active	Shellfish	Yes	122.38	71.92	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-268A	LUKE BURKE	Active	Shellfish	Yes	122.43	72.54	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-301B	Sullivan, McCarthy Mussel Development Ltd	Active	Shellfish	Yes	122.47	71.48	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-310B	John O'Sullivan	Active	Shellfish	Yes	122.53	72.04	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-255A	Cromane Seafoods Ltd.	Active	Shellfish	Yes	122.62	72.74	No	no	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-267A	Cromane Point Oysters Ltd	Active	Shellfish	Yes	122.62	72.87	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-267D	Gerard O'Reilly	Active	Shellfish	Yes	122.65	72.90	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-291A	Cromane Oysters Ltd	Active	Shellfish	Yes	122.67	72.30	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

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T06-277A	Michael Scannell	Active	Shellfish	Yes	122.71	72.16	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-277C	Michael Scannell	Active	Shellfish	Yes	122.75	72.21	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-259A	Pat Costello	Active	Shellfish	Yes	122.80	72.34	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-306A	John O'Sullivan	Active	Shellfish	Yes	122.84	72.66	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-311A	Michael Scannell	Active	Shellfish	Yes	122.88	72.06	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-277B	Michael Scannell	Active	Shellfish	Yes	122.95	72.11	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-267B	Cromane Point Oysters Ltd	Active	Shellfish	Yes	123.02	73.56	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-268B	LUKE BURKE	Active	Shellfish	Yes	123.08	73.65	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-278A	Arthur McCarthy	Active	Shellfish	Yes	123.12	73.24	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-267C	Cromane Point Oysters Ltd	Active	Shellfish	Yes	123.13	72.80	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-339A	Cromane Point Oysters Ltd	Active	Shellfish	Yes	123.23	72.87	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-313A	Reilly Shellfish Ltd.	Active	Shellfish	Yes	123.31	73.28	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-241	Tomás Hayes	Active	Shellfish	Yes	123.32	73.76	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-313B	Reilly Shellfish Ltd.	Active	Shellfish	Yes	123.40	73.35	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-259B	Pat Costello	Active	Shellfish	Yes	123.40	73.15	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-262A	Teahan Partners	Active	Shellfish	Yes	123.50	73.99	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-289	Liam O'Connor	Active	Shellfish	Yes	123.73	73.69	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-314A	Liam O'Connor	Active	Shellfish	Yes	123.73	73.67	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-316A	Patrick J & Martin J Riordan	Active	Shellfish	Yes	123.79	73.79	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-335A	REILLY SHELLFISH LTD.	Active	Shellfish	Yes	123.82	73.83	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-270B	REILLY SHELLFISH LTD.	Active	Shellfish	Yes	123.87	73.87	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-305A	Derek O'Sullivan	Active	Shellfish	Yes	124.11	74.31	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

Cumulative Effect Matrices

Aquaculture

1	Potential impact -Screened **in**
2	Part of the topic baseline and potential ongoing impact -Screened **in**
3	Part of the topic baseline and no potential ongoing impact -Screened **out**
4	No temporal overlap -Screened **out**
5	No effect-receptor pathway -Screened **out**
6	No data/insufficient information -Screened **out**

Site ID	Licence Holder	Status	Product	Temporal Overlap	Distance To the Offshore Array Area (OAA) (km)	Distance to the Offshore Export Cable (OEC) (km)	Within ICES Rectangle	Within Shannon Estuary	Population and Human Health	Climate	Marine Physical Processes	Water and Sediment Quality	Benthic Ecology	Marine Ornithology	Marine Mammals and Other Megafauna	Commercial Fisheries	Shipping and Navigation	Civil and Military Aviation	SLVIA	Marine Archaeology and Cultural Heritage	Other Users of the Marine Environment	Offshore Air Quality and Airborne Noise	Major Accidents and Natural Disasters
T06-309A	Jermiah & Denis Costello	Active	Shellfish	Yes	124.27	74.34	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-372A	DINGLE BAY SEAWEED LTD.	Active	Aquatic Plant, Echinoderm, Shellfish	Yes	126.97	89.03	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
T06-315N1	Caragh Clams Ltd	Active	Shellfish	Yes	128.50	80.18	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

Cumulative Effect Matrices

Dumping at Sea

1	Potential impact -Screened **in**
2	Part of the topic baseline and potential ongoing impact -Screened **in**
3	Part of the topic baseline and no potential ongoing impact -Screened **out**
4	No temporal overlap -Screened **out**
5	No effect-receptor pathway -Screened **out**
6	No data/insufficient information -Screened **out**

Permit Number	Permit Holder	EPA Ref	Method	Temporal Overlap	Distance to the Offshore Array Area (OAA) (km)	Distance to the Offshore Export Cable (OEC) (km)	Within ICES Rectangle	Within Shannon Estuary	Population and Human Health	Climate	Marine Physical Processes	Water and Sediment Quality	Benthic Ecology	Marine Ornithology	Marine Mammals and Other Megafauna	Commercial Fisheries	Shipping and Navigation	Civil and Military Aviation	SLVIA	Marine Archaeology and Cultural Heritage	Other Users of the Marine Environment	Offshore Air Quality and Airborne Noise	Major Accidents and Natural Disasters
S0026-01	Aughanish Alumina Limited	S0026-01_DS_A	Plough dredging	No	88.23	36.60	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
S0026-01	Aughanish Alumina Limited	S0026-01_DS_C	Plough dredging	No	88.35	36.72	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
S0026-01	Aughanish Alumina Limited	S0026-01_DS_B	Plough dredging	No	89.06	37.05	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
S0029-01	Department of Agriculture, Food and the Marine	S0029-01_DS_A	Release through the hull of the vessel	No	125.51	84.31	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
S0007-02	Kerry County Council	S0007-02_DS	Bottom dumping from dredger	No	100.94	52.97	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
S0007-03	Kerry County Council	S0007_03_DS_A	Release of the material through the hull of the vessel while the vessel is in motion	Yes	100.94	52.97	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
S0007-03	Kerry County Council	S0007_03_DS_C	Plough dredging	Yes	106.79	57.48	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
S0007-03	Kerry County Council	S0007_03_DS_AM	Plough dredging	Yes	106.87	57.61	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
S0007-03	Kerry County Council	S0007_03_DS_B	Plough dredging	Yes	106.91	57.56	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
S0020-01	L & M Keating Limited	S0020_01_DS_A	Plough dredging	Unknown	73.09	14.63	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
S0020-02	L&M Keating Maritime Limited	S0020-02_DS_01	Plough Dredging	No	73.09	14.63	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

Cumulative Effect Matrices

Dumping at Sea

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4	No temporal overlap -Screened **out**
5	No effect-receptor pathway -Screened **out**
6	No data/insufficient information -Screened **out**

Permit Number	Permit Holder	EPA Ref	Method	Temporal Overlap	Distance to the Offshore Array Area (OAA) (km)	Distance to the Offshore Export Cable (OEC) (km)	Within ICES Rectangle	Within Shannon Estuary	Population and Human Health	Climate	Marine Physical Processes	Water and Sediment Quality	Benthic Ecology	Marine Ornithology	Marine Mammals and Other Megafauna	Commercial Fisheries	Shipping and Navigation	Civil and Military Aviation	SLVIA	Marine Archaeology and Cultural Heritage	Other Users of the Marine Environment	Offshore Air Quality and Airborne Noise	Major Accidents and Natural Disasters
S0019-01	Shannon Foynes Port Company	S0019_01_DS_C	Bottom dumping from dredger	No	86.55	32.36	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
S0009-03	Shannon Foynes Port Company	N/A	Release of the material through the hull of the vessel while the vessel is in motion	Yes	86.61	32.48	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
S0009-03	Shannon Foynes Port Company	N/A	Plough dredging	Yes	88.85	34.89	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
S0009-03	Shannon Foynes Port Company	S0009-03_DS_B	Release of the material through the hull of the vessel while the vessel is in motion	Yes	95.40	49.19	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
S0009-03	Shannon Foynes Port Company	N/A	Release of the material through the hull of the vessel while the vessel is in motion	Yes	101.37	56.75	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
S0009-03	Shannon Foynes Port Company	N/A	Plough dredging	Yes	107.42	63.25	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
S0009-03	Shannon Foynes Port Company	S0009-03_DS_ATRD	Plough Dredging	Yes	107.54	63.39	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

Cumulative Effect Matrices

Urban Wastewater Treatment

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License	Name	Authority	Temporal Overlap	Distance to the Offshore Array Area (OAA) (km)	Distance to the Offshore Export Cable (OEC) (km)	Within ICES Rectangle	Within Shannon Estuary	Population and Human Health	Climate	Marine Physical Processes	Water and Sediment Quality	Benthic Ecology	Marine Ornithology	Marine Mammals and Other Megafauna	Commercial Fisheries	Shipping and Navigation	Civil and Military Aviation	SLVIA	Marine Archaeology and Cultural Heritage	Other Users of the Marine Environment	Offshore Air Quality and Airborne Noise	Major Accidents and Natural Disasters
A0009-01	Ballycroy	Irish Water	Yes	82.11	86.84	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0010-01	Aghagower	Irish Water	Yes	62.69	65.95	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0011-01	Hollymount	Irish Water	Yes	68.47	71.01	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0012-01	Bellavary	Irish Water	Yes	85.40	88.23	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0013-01	Castlemaine	Irish Water	Yes	119.61	66.51	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0022-01	Kilfenora	Irish Water	Yes	106.46	56.23	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0026-01	Moyvane	Irish Water	Yes	90.76	32.18	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0027-01	Kilflynn	Irish Water	Yes	100.44	45.49	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0038-01	Irishtown	Irish Water	Yes	80.47	83.06	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0049-01	Cloghane	Irish Water	Yes	111.77	71.43	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0054-01	Turlough	Irish Water	Yes	82.65	85.56	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0056-01	Roundfort	Irish Water	Yes	67.17	69.72	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0058-01	Toormakeady	Irish Water	Yes	56.65	59.19	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0064-01	Mountshannon	Irish Water	Yes	104.77	78.74	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0073-01	Farranfore	Irish Water	Yes	120.36	64.70	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0074-01	Old Head	Irish Water	Yes	55.20	59.57	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0076-01	Anascaul	Irish Water	Yes	120.56	75.46	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0077-01	Whitegate	Irish Water	Yes	108.59	82.97	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0078-01	Brosna	Irish Water	Yes	111.72	53.19	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0079-01	Kilfenora	Irish Water	Yes	54.43	33.33	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0081-01	Ballycannon	Irish Water	Yes	104.48	62.51	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0082-01	Ventry	Irish Water	Yes	125.37	87.94	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0083-01	Knocknagoshel	Irish Water	Yes	107.76	49.67	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0084-01	Duagh	Irish Water	Yes	98.93	40.55	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

Cumulative Effect Matrices

Urban Wastewater Treatment

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License	Name	Authority	Temporal Overlap	Distance to the Offshore Array Area (OAA) (km)	Distance to the Offshore Export Cable (OEC) (km)	Within ICES Rectangle	Within Shannon Estuary	Population and Human Health	Climate	Marine Physical Processes	Water and Sediment Quality	Benthic Ecology	Marine Ornithology	Marine Mammals and Other Megafauna	Commercial Fisheries	Shipping and Navigation	Civil and Military Aviation	SLVIA	Marine Archaeology and Cultural Heritage	Other Users of the Marine Environment	Offshore Air Quality and Airborne Noise	Major Accidents and Natural Disasters
A0088-01	Rossbeigh	Irish Water	Yes	130.83	82.95	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0089-01	Feohanagh	Irish Water	Yes	115.95	80.25	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0090-01	Gneeveguilla	Irish Water	Yes	131.74	73.67	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0091-01	Kilmihil	Irish Water	Yes	71.37	17.19	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0092-01	Murreagh	Irish Water	Yes	119.76	83.67	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0093-01	Ballydavid	Irish Water	Yes	119.25	83.60	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0095-01	Ballyferriter	Irish Water	Yes	121.31	85.51	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0098-01	Causeway	Irish Water	Yes	92.82	40.53	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0111-01	Woodford	Irish Water	Yes	103.42	85.32	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0115-01	Roundstone	Irish Water	Yes	12.26	16.69	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0176-01	Patrickswell	Limerick City & County Council	Yes	108.28	60.67	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0178-01	Silvermines	Irish Water	Yes	123.18	90.13	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0180-01	Rearcross	Irish Water	Yes	128.98	90.51	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0182-01	Portroe	Irish Water	Yes	113.70	85.15	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0186-01	Dromineer	Irish Water	Yes	115.35	89.31	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0195-01	Newtown	Irish Water	Yes	115.69	87.02	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0200-01	Puckane	Irish Water	Yes	116.61	91.31	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0204-01	Fedamore	Irish Water	Yes	118.39	69.97	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0205-01	Templeglentan	Irish Water	Yes	106.40	48.09	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0206-01	Ballyhahill	Irish Water	Yes	90.48	33.74	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0207-01	Ballyagran	Irish Water	Yes	121.63	66.86	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0209-01	Kilteely	Irish Water	Yes	129.47	82.91	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0210-01	Knocklong	Irish Water	Yes	135.87	86.57	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

Cumulative Effect Matrices

Urban Wastewater Treatment

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License	Name	Authority	Temporal Overlap	Distance to the Offshore Array Area (OAA) (km)	Distance to the Offshore Export Cable (OEC) (km)	Within ICES Rectangle	Within Shannon Estuary	Population and Human Health	Climate	Marine Physical Processes	Water and Sediment Quality	Benthic Ecology	Marine Ornithology	Marine Mammals and Other Megafauna	Commercial Fisheries	Shipping and Navigation	Civil and Military Aviation	SLVIA	Marine Archaeology and Cultural Heritage	Other Users of the Marine Environment	Offshore Air Quality and Airborne Noise	Major Accidents and Natural Disasters
A0211-01	Elton	Irish Water	Yes	133.95	83.64	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0212-01	Kilmeedy	Irish Water	Yes	114.43	58.29	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0213-01	Carrigkerry	Irish Water	Yes	98.22	40.90	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0214-01	Ardagh	Irish Water	Yes	100.74	44.52	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0215-01	Banogue	Irish Water	Yes	118.47	66.59	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0216-01	Croagh	Irish Water	Yes	106.31	53.86	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0217-01	Loghill	Irish Water	Yes	87.07	30.99	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0218-01	Castlemahon	Irish Water	Yes	109.00	52.17	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0219-01	Shanagolden	Irish Water	Yes	92.45	37.37	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0220-01	Feenagh	Irish Water	Yes	118.06	61.88	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0221-01	Tournafulla	Irish Water	Yes	110.25	51.89	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0222-01	Broadford	Irish Water	Yes	118.12	60.62	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0223-01	Mountcollins	Irish Water	Yes	111.89	53.31	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0224-01	Herbertstown	Irish Water	Yes	126.08	78.42	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0230-01	Barraduff	Irish Water	Yes	136.85	79.30	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0288-01	Cloonfad and Environs Wastewater Treatment Works	Irish Water	Yes	89.78	92.38	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0319-01	Cecilstown & Environs	Irish Water	Yes	142.43	84.87	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0320-01	Kilcorney	Irish Water	Yes	146.15	87.60	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0321-01	Milford	Irish Water	Yes	122.98	66.34	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0322-01	Newtownshandrum	Irish Water	Yes	126.07	70.50	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0323-01	Liscarroll	Irish Water	Yes	132.77	75.77	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0324-01	Castlemaginer	Irish Water	Yes	141.05	83.21	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

Cumulative Effect Matrices

Urban Wastewater Treatment

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License	Name	Authority	Temporal Overlap	Distance to the Offshore Array Area (OAA) (km)	Distance to the Offshore Export Cable (OEC) (km)	Within ICES Rectangle	Within Shannon Estuary	Population and Human Health	Climate	Marine Physical Processes	Water and Sediment Quality	Benthic Ecology	Marine Ornithology	Marine Mammals and Other Megafauna	Commercial Fisheries	Shipping and Navigation	Civil and Military Aviation	SLVIA	Marine Archaeology and Cultural Heritage	Other Users of the Marine Environment	Offshore Air Quality and Airborne Noise	Major Accidents and Natural Disasters
A0325-01	Glantane	Irish Water	Yes	149.22	91.37	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0326-01	Ballydesmond	Irish Water	Yes	126.60	68.22	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0327-01	Lombardstown & Environs	Irish Water	Yes	146.50	88.60	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0328-01	Rathcoole	Irish Water	Yes	142.49	83.97	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0329-01	Dromina & Environs	Irish Water	Yes	127.85	71.37	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0330-01	Ballyhea	Irish Water	Yes	133.84	78.63	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0332-01	Dernagree	Irish Water	Yes	138.16	79.59	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0334-01	Lyre	Irish Water	Yes	147.36	89.05	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0335-01	Rockchapel	Irish Water	Yes	118.04	59.50	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0336-01	Freemount	Irish Water	Yes	128.48	70.99	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0337-01	Meelin	Irish Water	Yes	124.33	66.04	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0338-01	Tullylease	Irish Water	Yes	122.43	64.95	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0340-01	Kilbrin	Irish Water	Yes	137.09	79.66	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0342-01	Cullen	Irish Water	Yes	136.44	77.89	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0344-01	Knocknagree	Irish Water	Yes	133.33	75.02	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0345-01	Nad	Irish Water	Yes	149.42	91.15	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0346-01	Kiskeam	Irish Water	Yes	128.97	70.42	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0409-01	Emly	Irish Water	Yes	137.01	88.98	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0417-01	Cullen	Irish Water	Yes	137.49	91.92	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0436-01	Feakle	Irish Water	Yes	91.94	64.72	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0454-01	Kildysert	Irish Water	Yes	84.32	33.04	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0455-01	Ballynacally Housing Development	Irish Water	Yes	81.93	34.36	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0456-01	Killimer	Irish Water	Yes	78.07	19.81	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

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Urban Wastewater Treatment

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A0498-01	Strand (Cois na Habhainn)	Irish Water	Yes	108.69	50.72	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0499-01	Brookhaven, Montpelier	Irish Water	Yes	110.03	72.45	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0501-01	Glenfield, Kilmallock	Irish Water	Yes	129.69	77.40	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0503-01	Askeaton Housing Estate (Lismakeera)	Irish Water	Yes	95.70	43.89	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0522-01	Kilronan Cottages	Irish Water	Yes	21.56	13.76	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0531-01	Leenane	Irish Water	Yes	38.32	41.84	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0537-01	Nooan (Ruan)	Irish Water	Yes	70.97	42.62	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0538-01	Toormore (Ruan)	Irish Water	Yes	71.10	43.15	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0555-01	Gweesalia	Irish Water	Yes	91.44	96.34	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0557-01	Bohola	Irish Water	Yes	90.30	92.93	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0560-01	Clonbur	Irish Water	Yes	48.17	50.70	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0561-01	Letterfrack	Irish Water	Yes	28.68	33.65	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
A0562-01	Milltown (Galway)	Irish Water	Yes	77.01	79.62	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0013-01	Limerick	Irish Water	Yes	106.71	61.82	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0019-01	Castletroy	Irish Water	Yes	109.80	67.33	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0031-01	Tuam	Irish Water	Yes	73.77	76.05	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0037-01	Killarney	Irish Water	Yes	134.22	78.48	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0040-01	Tralee	Irish Water	Yes	108.06	55.69	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0045-01	Shannon Town	Irish Water	Yes	95.39	50.08	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0047-01	Castlebar	Irish Water	Yes	77.79	80.82	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0048-01	Ennis North	Irish Water	Yes	76.83	40.57	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0050-01	Galway	Irish Water	Yes	56.62	56.80	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

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Urban Wastewater Treatment

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D0055-01	Westport	Irish Water	Yes	63.51	67.13	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0065-01	Knock	Irish Water	Yes	89.44	91.96	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0066-01	Cong	Irish Water	Yes	51.93	54.51	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0070-01	Ballinrobe Town	Irish Water	Yes	60.01	62.53	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0071-01	Claremorris	Irish Water	Yes	75.81	78.37	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0072-01	Achill Island Central Waste Water Treatment Plant	Irish Water	Yes	75.13	80.43	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0075-01	Kilrush	Irish Water	Yes	72.87	14.47	Yes	Yes	5	5	2	2	2	5	2	5	5	5	5	5	5	5	5
D0076-01	Sixmilebridge	Irish Water	Yes	95.66	53.85	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0077-01	Lisdoonvarna	Irish Water	Yes	47.34	29.78	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0078-01	Kilkee	Irish Water	Yes	64.89	10.71	Yes	No	5	5	2	2	2	5	2	5	5	5	5	5	5	5	5
D0079-01	Newmarket on Fergus	Irish Water	Yes	87.21	45.32	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0080-01	Lahinch	Irish Water	Yes	51.76	23.44	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0081-01	Ennistymon	Irish Water	Yes	53.20	25.94	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0106-01	Kilmallock	Irish Water	Yes	129.92	77.72	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0108-01	Newcastle West	Irish Water	Yes	107.16	50.24	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0112-01	Rathkeale	Irish Water	Yes	103.69	49.54	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0115-01	Abbeyfeale	Irish Water	Yes	103.04	44.48	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0179-01	Listowel WWTP	Irish Water	Yes	92.93	36.11	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0180-01	Castleisland	Irish Water	Yes	115.96	59.07	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0182-01	Killorglin	Irish Water	Yes	124.35	72.60	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0183-01	Ballybunion	Irish Water	Yes	84.45	30.46	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0185-01	Dingle	Irish Water	Yes	123.78	84.15	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

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D0186-01	Ballyheigue	Irish Water	Yes	93.18	44.93	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0189-01	Ballina	Irish Water	Yes	110.73	76.64	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0191-01	Moycullen	Irish Water	Yes	49.40	50.90	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0192-01	Oughterard WWTP	Irish Water	Yes	43.38	45.90	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0193-01	Athenry	Irish Water	Yes	76.87	76.66	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0194-01	Loughrea	Irish Water	Yes	89.77	84.09	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0195-01	Gort	Irish Water	Yes	75.54	61.56	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0197-01	Headford	Irish Water	Yes	58.20	60.52	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0198-01	Clifden	Irish Water	Yes	21.34	26.75	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0199-01	Clareabbey	Irish Water	Yes	79.01	41.30	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0203-01	Kanturk	Irish Water	Yes	137.99	79.83	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0204-01	Charleville and Environs	Irish Water	Yes	128.49	74.35	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0216-01	Balla	Irish Water	Yes	78.98	81.52	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0217-01	Kiltimagh	Irish Water	Yes	88.36	90.87	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0218-01	Mallaranny	Irish Water	Yes	69.39	73.89	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0220-01	Louisburgh	Irish Water	Yes	53.25	57.75	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0224-01	Newport	Irish Water	Yes	71.37	75.15	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0276-01	Kinvara	Irish Water	Yes	65.79	57.90	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0282-01	Ardfert	Irish Water	Yes	100.89	49.96	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0283-01	Tarbert	Irish Water	Yes	82.74	24.27	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0284-01	Fenit	Irish Water	Yes	106.32	57.45	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0286-01	Glenbeigh	Irish Water	Yes	130.62	82.16	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0300-01	Doneraile and Environs	Irish Water	Yes	145.57	89.88	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

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D0303-01	Buttevant	Irish Water	Yes	141.08	84.81	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0304-01	Pallaskenry	Irish Water	Yes	96.70	48.83	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0305-01	Kilfinnane	Irish Water	Yes	138.14	86.23	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0306-01	Murroe	Irish Water	Yes	122.03	80.09	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0307-01	Croom	Irish Water	Yes	113.17	62.55	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0308-01	Caherconlish	Irish Water	Yes	121.05	76.42	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0309-01	Doon	Irish Water	Yes	132.71	90.63	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0310-01	Cappamore	Irish Water	Yes	127.69	85.20	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0312-01	Adare	Irish Water	Yes	106.79	56.57	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0313-01	Bruff	Irish Water	Yes	125.40	75.43	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0314-01	Hospital Town and Environs	Irish Water	Yes	131.28	82.76	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0315-01	Askeaton	Irish Water	Yes	94.88	43.10	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0316-01	Dromcollagher Town and Environs	Irish Water	Yes	121.18	64.16	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0318-01	Quin	Irish Water	Yes	84.98	47.68	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0319-01	Scarriff	Irish Water	Yes	99.99	71.91	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0320-01	Tulla	Irish Water	Yes	88.88	55.84	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0321-01	Miltown Malbay	Irish Water	Yes	52.80	15.33	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0322-01	Clarecastle	Irish Water	Yes	80.85	41.47	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0324-01	Doonbeg	Irish Water	Yes	61.06	3.11	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0325-01	Newport	Irish Water	Yes	116.70	77.37	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0327-01	Ballyvaughan Wastewater Treatment Plant	Irish Water	Yes	52.26	43.97	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

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D0331-01	Milltown	Irish Water	Yes	121.69	68.84	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0332-01	Millstreet & Environs	Irish Water	Yes	142.89	84.31	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0333-01	Newmarket and Environs	Irish Water	Yes	130.19	71.80	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0355-01	Ballindine	Irish Water	Yes	77.37	79.95	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0359-01	Shrule	Irish Water	Yes	61.33	63.92	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0360-01	Bohola	Mayo County Council	Yes	90.30	92.93	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0361-01	Kilmaine	Irish Water	Yes	62.96	65.55	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0366-01	Belcarra	Irish Water	Yes	75.54	78.19	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0367-01	Doogort	Irish Water	Yes	80.11	85.27	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0368-01	Gweesalia	Irish Water	Yes	91.45	96.35	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0370-01	Dunmore	Irish Water	Yes	86.60	89.17	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0374-01	Clonbur	Irish Water	Yes	48.17	50.70	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0388-01	Carraroe	Irish Water	Yes	21.55	22.76	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0396-01	Spiddal	Irish Water	Yes	40.18	40.67	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0399-01	Letterfrack	Irish Water	Yes	28.68	33.65	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0417-01	Abbeydorney	Irish Water	Yes	99.65	46.12	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0418-01	Ballyduff	Irish Water	Yes	88.87	34.11	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0419-01	Rathmore	Irish Water	Yes	136.84	78.54	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0420-01	Kilkishen	Irish Water	Yes	92.96	56.36	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0422-01	Inagh	Irish Water	Yes	64.04	29.46	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0424-01	Crusheen	Irish Water	Yes	76.42	49.67	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0430-01	Liscannor	Irish Water	Yes	49.28	20.70	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0434-01	Corofin	Irish Water	Yes	66.43	40.00	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

Cumulative Effect Matrices

Urban Wastewater Treatment

1	Potential impact -Screened **in**
2	Part of the topic baseline and potential ongoing impact -Screened **in**
3	Part of the topic baseline and no potential ongoing impact -Screened **out**
4	No temporal overlap -Screened **out**
5	No effect-receptor pathway -Screened **out**
6	No data/insufficient information -Screened **out**

License	Name	Authority	Temporal Overlap	Distance to the Offshore Array Area (OAA) (km)	Distance to the Offshore Export Cable (OEC) (km)	Within ICES Rectangle	Within Shannon Estuary	Population and Human Health	Climate	Marine Physical Processes	Water and Sediment Quality	Benthic Ecology	Marine Ornithology	Marine Mammals and Other Megafauna	Commercial Fisheries	Shipping and Navigation	Civil and Military Aviation	SLVIA	Marine Archaeology and Cultural Heritage	Other Users of the Marine Environment	Offshore Air Quality and Airborne Noise	Major Accidents and Natural Disasters
D0437-01	Boherbue and Environs	Irish Water	Yes	132.81	74.24	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0441-01	Ballyclough	Irish Water	Yes	144.20	86.78	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0444-01	Churchtown and Environs	Irish Water	Yes	135.06	78.72	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0448-01	Banteer and Environs	Irish Water	Yes	141.53	83.28	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0459-01	Ballylongford	Irish Water	Yes	82.13	23.88	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0460-01	Fieries	Irish Water	Yes	119.42	64.64	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0461-01	Castlegregory	Irish Water	Yes	108.57	63.64	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0462-01	Lixnaw	Irish Water	Yes	94.32	39.33	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0502-01	Foynes	Irish Water	Yes	88.64	34.61	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0503-01	Pallasgreen	Irish Water	Yes	129.86	85.66	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0504-01	Glin	Irish Water	Yes	85.88	28.13	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0505-01	Oola	Irish Water	Yes	136.54	91.80	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0506-01	Bruree	Irish Water	Yes	124.07	71.26	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0507-01	Ballingarry	Irish Water	Yes	111.20	57.26	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0508-01	Athea	Irish Water	Yes	96.19	37.67	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0511-01	Achill Sound	Irish Water	Yes	71.87	76.79	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0536-02	Kilmurry Ibrickane	Irish Water	Yes	57.22	7.83	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0542-01	Milltown (Galway)	Irish Water	Yes	77.01	79.62	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D0543-01	Claregalway	Irish Water	Yes	63.92	65.29	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

Cumulative Effect Matrices

Oil and Gas

1	Potential impact -Screened **in**
2	Part of the topic baseline and potential ongoing impact -Screened **in**
3	Part of the topic baseline and no potential ongoing impact -Screened **out**
4	No temporal overlap -Screened **out**
5	No effect-receptor pathway -Screened **out**
6	No data/insufficient information -Screened **out**

License	Operator	Temporal Overlap	Distance to the Offshore Array Area (OAA) (km)	Distance to the Offshore Export Cable (OEC) (km)	Within ICES Rectangle	Within Shannon Estuary	Population and Human Health	Climate	Marine Physical Processes	Water and Sediment Quality	Benthic Ecology	Marine Ornithology	Marine Mammals and Other Megafauna	Commercial Fisheries	Shipping and Navigation	Civil and Military Aviation	SLVIA	Marine Archaeology and Cultural Heritage	Other Users of the Marine Environment	Offshore Air Quality and Airborne Noise	Major Accidents and Natural Disasters
Exploration Licence	Island Oil & Gas	Yes	91.31	97.16	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

Cumulative Effect Matrices

Galway Bay Wave Test Sites

1	Potential impact -Screened **in**
2	Part of the topic baseline and potential ongoing impact -Screened **in**
3	Part of the topic baseline and no potential ongoing impact -Screened **out**
4	No temporal overlap -Screened **out**
5	No effect-receptor pathway -Screened **out**
6	No data/insufficient information -Screened **out**

Site Name	Location	Temporal Overlap	Distance to the Offshore Array Area (OAA) (km)	Distance to the Offshore Export Cable (OEC) (km)	Within ICES Rectangle	Within Shannon Estuary	Population and Human Health	Climate	Marine Physical Processes	Water and Sediment Quality	Benthic Ecology	Marine Ornithology	Marine Mammals and Other Megafauna	Commercial Fisheries	Shipping and Navigation	Civil and Military Aviation	SLVIA	Marine Archaeology and Cultural Heritage	Other Users of the Marine Environment	Offshore Air Quality and Airborne Noise	Major Accidents and Natural Disasters
1/4 Scale Galway Bay Test Site Cable Route	Galway Bay	Yes	39.62	39.88	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4 Scale Galway Bay Subsea Cable Observatory Test Site Boundary	Galway Bay	Yes	42.41	42.63	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

Cumulative Effect Matrices

Ports and Ferry Ports

1	Potential impact -Screened **in**
2	Part of the topic baseline and potential ongoing impact -Screened **in**
3	Part of the topic baseline and no potential ongoing impact -Screened **out**
4	No temporal overlap -Screened **out**
5	No effect-receptor pathway -Screened **out**
6	No data/insufficient information -Screened **out**

Port	Type of Port	Temporal Overlap	Distance to the Offshore Array Area (OAA) (km)	Distance to the Offshore Export Cable (OEC) (km)	Within ICES Rectangle	Within Shannon Estuary	Population and Human Health	Climate	Marine Physical Processes	Water and Sediment Quality	Benthic Ecology	Marine Ornithology	Marine Mammals and Other Megafauna	Commercial Fisheries	Shipping and Navigation	Civil and Military Aviation	SLVIA	Marine Archaeology and Cultural Heritage	Other Users of the Marine Environment	Offshore Air Quality and Airborne Noise	Major Accidents and Natural Disasters
Inishmore	Ferry Port	Yes	21.87	13.50	Yes	No	3	3	3	3	3	5	3	3	3	3	3	3	3	3	3
Rossaveel	Ferry Port	Yes	22.84	23.95	Yes	No	3	3	3	3	3	5	3	3	3	3	3	3	3	3	3
Inishmaan	Ferry Port	Yes	29.39	17.18	Yes	No	3	3	3	3	3	5	3	3	3	3	3	3	3	3	3
Cleggan	Ferry Port	Yes	30.51	36.11	No	No	3	3	3	3	3	5	3	3	3	3	3	3	3	3	3
Inisheer	Ferry Port	Yes	32.85	19.41	Yes	No	3	3	3	3	3	5	3	3	3	3	3	3	3	3	3
Inishbofin Island	Ferry Port	Yes	38.52	44.34	No	No	3	3	3	3	3	5	3	3	3	3	3	3	3	3	3
Doolin	Ferry Port	Yes	42.70	23.70	Yes	No	3	3	3	3	3	5	3	3	3	3	3	3	3	3	3
Roonagh Quay	Ferry Port	Yes	52.27	57.11	No	No	3	3	3	3	3	5	3	3	3	3	3	3	3	3	3
Clare Island	Ferry Port	Yes	56.30	61.31	No	No	3	3	3	3	3	5	3	3	3	3	3	3	3	3	3
Galway	Ferry Port and Regional Port	Yes	57.16	57.93	Yes	No	3	3	3	3	3	5	3	3	3	3	3	3	3	3	3
Killimer	Ferry Port	Yes	78.56	20.35	Yes	Yes	3	3	3	3	3	5	3	3	3	3	3	3	3	3	3
Tarbert	Ferry Port	Yes	81.92	23.63	Yes	Yes	3	3	3	3	3	5	3	3	3	3	3	3	3	3	3
Shannon Foynes	Tier 1 National Port	Yes	81.92	23.40	Yes	Yes	3	3	3	3	3	5	3	3	3	3	3	3	3	3	3
Tralee Fenit	Regional Port	Yes	106.50	48.40	No	No	3	3	3	3	3	5	3	3	3	3	3	3	3	3	3
Callinafercy	Ferry Port	Yes	120.56	69.02	No	No	3	3	3	3	3	5	3	3	3	3	3	3	3	3	3

Cumulative Effect Matrices

Licensed Waste Facility

1	Potential impact -Screened **in**
2	Part of the topic baseline and potential ongoing impact -Screened **in**
3	Part of the topic baseline and no potential ongoing impact -Screened **out**
4	No temporal overlap -Screened **out**
5	No effect-receptor pathway -Screened **out**
6	No data/insufficient information -Screened **out**

ID	Name	License Status	Temporal Overlap	Distance to the Offshore Array Area (OAA) (km)	Distance to the Offshore Export Cable (OEC) (km)	Within ICES Rectangle	Within Shannon Estuary	Population and Human Health	Climate	Marine Physical Processes	Water and Sediment Quality	Benthic Ecology	Marine Ornithology	Marine Mammals and Other Megafauna	Commercial Fisheries	Shipping and Navigation	Civil and Military Aviation	SLVIA	Marine Archaeology and Cultural Heritage	Other Users of the Marine Environment	Offshore Air Quality and Airborne Noise	Major Accidents and Natural Disasters
W0013	Carrowbrowne Landfill Site	Licensed	Yes	59.76	61.04	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
W0017	Gortadroma Landfill Site	Licensed	Yes	94.04	37.40	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
W0106	Bruscar Bhearna Teoranta (Carrowbrowne)	Licensed	Yes	59.53	60.82	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
W0109	Inagh Landfill	Licensed	Yes	65.99	30.76	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
W0148	City Bin Co Ltd	Licensed	Yes	65.42	65.93	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
W0166	Galway Corporation Depot	Licensed	Yes	57.73	58.67	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
W0170	Lisdeen Recycling Centre & Transfer Station	Licensed	Yes	66.48	10.25	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
W0021	Derrinumera Landfill Facility	Licensed	Yes	74.01	77.52	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
W0031	Doora Landfill Site	Licensed	Yes	78.13	41.65	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
W0143	McGrath Industrial Waste Ltd	Licensed	Yes	82.87	85.74	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
W0041	Shannon Environmental Services Ltd	Licensed	Yes	91.29	46.99	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
W0224	Listowel Civic Amenity Centre	Licensed	Yes	93.74	36.32	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
W0253	Clean (Irl) Refuse & Recycling Co.	Licensed	Yes	64.82	8.97	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
W0037	Tradaree Point E.T.P.	Licensed	Yes	95.52	50.27	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
W0150	Scarriff Civic Amenity Centre	Licensed	Yes	99.48	71.77	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
W0076	Longpavement landfill site	Licensed	Yes	106.52	63.75	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

Cumulative Effect Matrices

Licensed Waste Facility

1	Potential impact -Screened **in**
2	Part of the topic baseline and potential ongoing impact -Screened **in**
3	Part of the topic baseline and no potential ongoing impact -Screened **out**
4	No temporal overlap -Screened **out**
5	No effect-receptor pathway -Screened **out**
6	No data/insufficient information -Screened **out**

ID	Name	License Status	Temporal Overlap	Distance to the Offshore Array Area (OAA) (km)	Distance to the Offshore Export Cable (OEC) (km)	Within ICES Rectangle	Within Shannon Estuary	Population and Human Health	Climate	Marine Physical Processes	Water and Sediment Quality	Benthic Ecology	Marine Ornithology	Marine Mammals and Other Megafauna	Commercial Fisheries	Shipping and Navigation	Civil and Military Aviation	SLVIA	Marine Archaeology and Cultural Heritage	Other Users of the Marine Environment	Offshore Air Quality and Airborne Noise	Major Accidents and Natural Disasters
W0082	Starrus Eco Holdings Limited (Dock Road)	Licensed	Yes	106.97	62.13	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
W0001	North Kerry Landfill Site	Licensed	Yes	107.17	50.93	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
W0281	Limerick Gasworks	Licensed	Yes	107.99	63.95	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
W0061	Mr Binman Ltd	Surrendered	No	119.75	73.55	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
W0240	Advanced Environmental Solutions (Ireland) Limited (Nenagh)	Licensed	Yes	120.96	91.37	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
W0225	Dingle Civic Amenity Centre	Licensed	Yes	122.58	81.61	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
W0069	Milltown Transfer Station	Licensed	Yes	123.76	70.66	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
W0217	Killarney Waste Disposal	Licensed	Yes	130.03	74.58	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
W0072	Coolcaslagh Transfer Station	Licensed	Yes	134.33	77.57	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
W0002	Ballyguyroe Landfill Site	Licensed	Yes	143.96	90.11	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

Cumulative Effect Matrices

Integrated Pollution Control

1	Potential impact -Screened **in**
2	Part of the topic baseline and potential ongoing impact -Screened **in**
3	Part of the topic baseline and no potential ongoing impact -Screened **out**
4	No temporal overlap -Screened **out**
5	No effect-receptor pathway -Screened **out**
6	No data/insufficient information -Screened **out**

ID	Name	Licence Status	Temporal Overlap	Distance To the Offshore Array Area	Distance to the OEC	Within ICES Rectangle	Within Shannon Estuary	Population and Human Health	Climate	Marine Physical Processes	Water and Sediment Quality	Benthic Ecology	Marine Ornithology	Marine Mammals and Other Megafauna	Commercial Fisheries	Shipping and Navigation	Civil and Military Aviation	SLVIA	Marine Archaeology and Cultural Heritage	Other Users of the Marine Environment	Offshore Air Quality and Airborne Noise	Major Accidents and Natural Disasters
P0725	Boston Scientific Limited	Licensed	Yes	59.65	60.64	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
P0264	Medtronic Vascular Galway Unlimited Company	Licensed	Yes	60.81	61.88	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
P0133	APW Galway Limited	Licensed	Yes	64.81	65.33	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
P0324	Hygeia Chemicals Limited	Licensed	Yes	65.13	65.65	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
P0096	Saint-Gobain Performance Plastics Ireland Limited	Licensed	Yes	72.47	13.89	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
P0319	Shannonside Building Supplies Limited	Licensed	Yes	73.42	14.88	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
P0369	Byrne-Mech Limited	Licensed	Yes	76.92	77.10	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
P0646	Fort Wayne Metals Ireland Limited	Licensed	Yes	77.35	80.33	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
P0069	Lufthansa Tehnik Shannon Ltd	Licensed	Yes	89.78	44.25	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
P0533	Element Six Limited	Licensed	Yes	90.88	45.21	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
P0497	International Aerospace Coatings Limited	Licensed	Yes	91.00	45.08	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
P0145	Heraeus Metal Processing Limited	Licensed	Yes	91.10	45.64	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
P0428	Celtic Circuits Limited	Licensed	Yes	91.59	33.92	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
P1008	Dairymaster	Licensed	Yes	92.35	40.82	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
P0022	Fair Green Environmental Limited	Licensed	Yes	99.40	71.48	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
P0536	Sport Socks Co. (Ireland) Limited	Licensed	Yes	106.94	53.83	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
P0329	James McMahon Limited	Licensed	Yes	107.28	62.88	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
P0161	Henry Denny & Sons Limited	Licensed	Yes	108.12	55.10	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

Cumulative Effect Matrices

Integrated Pollution Control

1	Potential impact -Screened **in**
2	Part of the topic baseline and potential ongoing impact -Screened **in**
3	Part of the topic baseline and no potential ongoing impact -Screened **out**
4	No temporal overlap -Screened **out**
5	No effect-receptor pathway -Screened **out**
6	No data/insufficient information -Screened **out**

ID	Name	Licence Status	Temporal Overlap	Distance To the Offshore Array Area	Distance to the OEC	Within ICES Rectangle	Within Shannon Estuary	Population and Human Health	Climate	Marine Physical Processes	Water and Sediment Quality	Benthic Ecology	Marine Ornithology	Marine Mammals and Other Megafauna	Commercial Fisheries	Shipping and Navigation	Civil and Military Aviation	SLVIA	Marine Archaeology and Cultural Heritage	Other Users of the Marine Environment	Offshore Air Quality and Airborne Noise	Major Accidents and Natural Disasters
P0224	ANALOG DEVICES INTERNATIONAL UNLIMITED COMPANY	Licensed	Yes	108.99	63.18	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
P0046	A Quick Sharpe Limited	Licensed	Yes	109.36	52.51	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
P0452	Adhesives Research Ireland Limited	Licensed	Yes	109.62	63.45	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
P0265	IMAG Optical Storage Limited	Licensed	Yes	109.67	63.66	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
P0973	Cook Ireland Ltd	Licensed	Yes	111.46	69.32	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
P0141	Info-Lab Limited	Licensed	Yes	114.84	72.70	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
P0067	Procter & Gamble (Manufacturing) Ireland Limited.	Licensed	Yes	120.94	92.05	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
P0813	Temmler Ireland Limited	Licensed	Yes	124.95	73.08	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
P0042	Marrow Meats Limited	Licensed	Yes	125.41	80.54	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
P0018	Astellas Ireland Company Limited (Killorglin)	Licensed	Yes	127.75	77.26	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
P0639	Gairdini	Licensed	Yes	129.10	70.76	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
P0283	Brewery, Chemical and Dairy Engineering Limited	Licensed	Yes	130.91	76.54	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
P0146	Liebherr Container Cranes Limited	Licensed	Yes	131.98	76.56	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
P0835	ALPS Electric (Ireland) Limited	Licensed	Yes	143.94	85.38	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
P0223	Irish Sugar Limited (Mallow)	Licensed	Yes	149.52	92.09	No	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

Cumulative Effect Matrices

Future Leasing Round or Plan

1	Potential impact -Screened **in**
2	Part of the topic baseline and potential ongoing impact -Screened **in**
3	Part of the topic baseline and no potential ongoing impact -Screened **out**
4	No temporal overlap -Screened **out**
5	No effect-receptor pathway -Screened **out**
6	No data/insufficient information -Screened **out**

Development	Planning Authority	Temporal Overlap	Distance to the Offshore Array Area (OAA) (km)	Distance to the Offshore Export Cable (OEC) (km)	Distance by Coast to OAA (km)	Within ICES Rectangle	Within Shannon Estuary	Population and Human Health	Climate	Marine Physical Processes	Water and Sediment Quality	Benthic Ecology	Marine Ornithology	Marine Mammals and Other Megafauna	Commercial Fisheries	Shipping and Navigation	Civil and Military Aviation	SLVIA	Marine Archaeology and Cultural Heritage	Other Users of the Marine Environment	Offshore Air Quality and Airborne Noise	Major Accidents and Natural Disasters
Danu- Draft South Coast DMAP	Department of the Environment, Climate and Communications	Yes	272.8	216.0	518.0	No	No	1	1	6	6	6	6	6	6	6	6	6	6	6	6	6
Lí Ban-Draft South Coast DMAP	Department of the Environment, Climate and Communications	Yes	244.0	190.5	472.0	No	No	1	1	6	6	6	6	6	6	6	6	6	6	6	6	6
Manannán -Draft South Coast DMAP	Department of the Environment, Climate and Communications	Yes	262.9	210.0	510.0	No	No	1	1	6	6	6	6	6	6	6	6	6	6	6	6	6
Tonn Nua -Draft South Coast DMAP	Department of the Environment, Climate and Communications	Yes	222.5	171.5	454.0	No	No	1	1	6	6	6	6	6	6	6	6	6	6	6	6	6
Masterplan Shannon Foynes Port	Shannon Foynes Port Company	Yes	89.0	35.0	143.5	Yes	Yes	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Galway Port Development Plan	Port of Galway	Yes	57.9	57.2	57.9	Yes	No	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
OREDP1	Department of Housing, Local Government and Heritage	Yes	N/A	N/A	N/A	N/A	N/A	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
National Marine Planning Framework	Department of Housing, Local Government and Heritage	Yes	N/A	N/A	N/A	N/A	N/A	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5