Arklow Bank Wind Park 2

Environmental Impact Assessment Report

Volume III, Appendix 3.2, Cumulative Impact Assessment Screening

sse Renewables

Version	Status	Date	Author	Reviewed by	Approved by
1.0	Final (External)	19/03/2024	GoBe Consultants	Sure Partners Limited	Sure Partners Limited

Statement of Authority

Expert	Qualifications	Experience
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Dr Lauren Kirkland	BSc (Hons), PhD	Associate Director with a doctorate in shellfish ecology and commercial fisheries. She has 12 years' experience in the offshore wind sector and during this time, she has served as project manager and project director for offshore wind projects throughout the UK, managing environmental and consents requirements. Experience managing the pre-application, examination and post-application phases of both the offshore and onshore elements of large offshore wind farm projects.

Please refer to topic specific Chapters on the EIAR for additional Statements of Authority

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Glossary

Term	Meaning
Arklow Bank Wind Park 1 (ABWP1)	Arklow Bank Wind Park 1 consists of seven wind turbines, offshore export cable and inter-array cables. Arklow Bank Wind Park 1 has a capacity of 25.2 MW. Arklow Bank Wind Park 1 was constructed in 2003/04 and is owned and operated by Arklow Energy Limited. It remains the first and only operational offshore windfarm in Ireland.
Arklow Bank Wind Park 2 – Offshore Infrastructure	"The Proposed Development", Arklow Bank Wind Park 2 Offshore Infrastructure: This includes all elements under the existing Maritime Area Consent.
Arklow Bank Wind Park 2 (ABWP2) (the Project)	Arklow Bank Wind Park 2 (ABWP2) (The Project) is the onshore and offshore infrastructure. This EIAR is being prepared for the Offshore Infrastructure. Consents for the Onshore Grid Infrastructure (Planning Reference 310090) and Operations Maintenance Facility (Planning Reference 211316) has been granted on 26th May 2022 and 20th July 2022, respectively. • Arklow Bank Wind Park 2 Offshore Infrastructure: This includes all elements to be consented in accordance with the Maritime Area Consent. This is the subject of this EIAR and will be referred to as 'the Proposed Development' in the EIAR. • Arklow Bank Wind Park 2 Onshore Grid Infrastructure: This relates to the onshore grid infrastructure for which planning permission has been granted. • Arklow Bank Wind Park 2 Operations and Maintenance Facility (OMF): This includes the onshore and nearshore infrastructure at the OMF, for which planning permission has been granted. • Arklow Bank Wind Park 2 EirGrid Upgrade Works: any non-contestable grid upgrade works, consent to be sought and works to be completed by EirGrid.
Array Area	The Array Area is the area within which the Wind Turbine Generators (WTGs), the Offshore Substation Platforms (OSPs), and associated cables (export, inter- array and interconnector cabling) and foundations will be installed.
Cable Corridor and Working Area	The Cable Corridor and Working Area is the area within which export, inter-array and interconnector cabling will be installed This area will also facilitate vessel jacking operations associated with installation of WTG structures and associated foundations within the Array Area.
Cumulative Effect	Cumulative Effects are changes to the environment that are caused by an action in combination with other actions. They can arise from: • The interaction between all of the different projects in the same area; • The interaction between various impacts within a single Project (while not expressly required by the EIA Directive this has been clarified by the CJEU [Court of Justice of the European Union] […]".
Cumulative Impact	The impacts (positive or negative, direct and indirect, long-term and short-term impacts) arising from a range of activities throughout an area or region, where each individual effect may not be significant if taken in isolation

Term	Meaning
Environmental Impact Assessment (EIA)	An Environmental Impact Assessment (EIA) is a statutory process by which certain planned projects must be assessed before a formal decision to proceed can be made. It involves the collection and consideration of environmental information, which fulfils the assessment requirements of the Directive 2011/92/EU on the assessment of the effects of certain public and private projects on the environment as amended by Directive 2014/52/EU of the European Parliament and of the Council (EIA Directive).
EirGrid	State-owned electric power transmission system operator (TSO) in Ireland and Transmission Asset Owner (TAO) for the Project's transmission assets.
Landfall	The area in which the offshore export cables make landfall and is the transitional area between the offshore cabling and the onshore cabling.
Maritime Area Consent (MAC)	A consent to occupy a specific part of the maritime area on a non-exclusive basis for the purpose of carrying out a Permitted Maritime Usage strictly in accordance with the conditions attached to the MAC granted on 22nd December 2022 with reference number 2022-MAC-002.
Permitted Maritime Usage	The construction and operation of an offshore windfarm and associated infrastructure (including decommissioning and other works required on foot of any permission for such offshore windfarm).
The Application	The full set of documents that will be submitted to An Bord Pleanála in support of the consent.
The Developer	Sure Partners Ltd.

Acronyms

Term	Meaning
AA	Appropriate Assessment
ABP	An Bord Pleanála
ABWP1	Arklow Bank Wind Park 1
ABWP2	Arklow Bank Wind Park 2
BDMPS	Biologically Defined Minimum Population Scales
CCS	Carbon Capture and Storage
Cefas	Centre for Environment, Fisheries and Aquaculture Science
CGNS	Celtic and Greater North Sea
CIA	Cumulative Impact Assessment
DHLGH	Department of Housing, Local Government and Heritage
EC	European Commission
EIA	Environmental Impact Assessment
EIAR	Environmental Impact Assessment Report
EMODnet	European Marine Observation and Data Network
EPA	Environmental Protection Agency
EU	European Union
GHG	Greenhouse Gas
GIS	Geographic Information System
HWM	High Water Mark
ICES	International Council for the Exploration of the Sea
JNCC	Joint Nature Conservation Committee
KIS-ORCA	Kingfisher Information Service – Offshore And Renewable Cable Awareness Project
MAC	Maritime Area Consent
MAP Act	Maritime Area Planning Act 2021
MARA	Maritime Area Regulation Authority

Term	Meaning
MMMU	Marine Mammal Management Unit
MU	Management Unit
NMPF	National Marine Planning Framework
NSTA	North Sea Transitional Authority
O&G	Oil and Gas
OGI	Onshore Grid Infrastructure
OMF	Operation and Maintenance Facility
OREDP	Offshore Renewable Energy Development Plan
OWF	Offshore Wind Farm
PINS	Planning Inspectorate
PNNL	Pacific Northwest National Laboratory
SSC	Suspended Sediment Concentration
TCE	The Crown Estate
UK	United Kingdom
UKHO	UK Hydrographic Office
WPI	World Ports Index
ZoI	Zone of Influence

Units

Unit	Description
km	kilometre
km^2	Square kilometre
nm	Nautical mile

1 Cumulative Impact Assessment Screening

1.1 Introduction

1.1.1.1 Arklow Bank Wind Park 2 (ABWP2) (the Project) is a proposed offshore wind farm situated on and around Arklow Bank in the Irish Sea, approximately 6 to 15 km to the east of Arklow in County Wicklow.

1.1.1.2 ABWP2 is made up of both onshore and offshore components. The subject of this Environmental Impact Assessment Report (EIAR) is the offshore infrastructure only (the Proposed Development).

1.1.1.3 The consideration of potential cumulative effects is an important stage in the EIA process. Although the Proposed Development may not result in significant residual effects in isolation, when the Proposed Development is considered cumulatively with other existing and/or approved projects, plans and activities, significant residual effects may occur.

1.1.1.4 This Cumulative Impact Assessment (CIA) Screening Appendix sets out the approach taken for the identification of other projects, plans and activities with which the Proposed Development may potentially interact with to produce a cumulative impact. In cumulative assessments, it is necessary to have an assessment cut-off date to allow time for the assessment to be undertaken and finalised prior to submission. As such, any projects, plans and activities that went into planning post 19th March 2024 have not been considered for inclusion in the CIA long list for the Proposed Development.

1.1.1.5 This appendix sets out the process followed in order to methodically and transparently screen the large number of projects, plans and activities that may be considered cumulatively alongside the Proposed Development. This involved a staged process that considered appropriate search areas for projects, plans and activities, topic-specific Zones of Influence (ZoIs) for potential cumulative impacts, and then screened these projects, plans and activities by means of the level of detail publicly available and the potential for interactions on an impact pathway, physical and temporal basis. The CIA long list of projects, plans and activities with which the Proposed Development may potentially interact to produce a cumulative impact is presented within this appendix (Annex A).

1.2 Policy, legislative context and guidance

1.2.1.1 Annex IV of the EIA Directive (2011/92/EU as amended by 2014/52/EU) requires that an EIAR provides a *"description of the likely significant effects of the project on the environment resulting from…the 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."*

1.2.1.2 Further, the Environmental Protection Agency (EPA) (2022) defines cumulative effects as *"the addition of many minor or insignificant effects, including effects of other projects, to create larger, more significant effects"*. This includes the impact of other relevant projects, plans and activities that were not present at the time of baseline data collection or survey.

1.2.1.3 The European Commission (EC) guidance (2017) uses the following definition for cumulative effects: *"changes to the environment that are caused by activities/projects in combination with other activities/projects".*

1.2.1.4 The EC guidance (2017) also states that *"It is important to consider effects not in isolation, but together, that is cumulatively. [….] Cumulative effects are changes to the environment that are caused by an action in combination with other actions. They can arise from:*

- The interaction between all of the different projects in the same area;
- The interaction between various impacts within a single Project (while not expressly required by the EIA Directive this has been clarified by the CJEU [Court of Justice of the European Union] […]".

1.2.1.5 The EC guidelines (1999) use a slightly different definition for cumulative impacts, stating that these are *"impacts that result from incremental changes caused by other past, present or reasonably foreseeable actions together with the project".*

1.2.1.6 This assessment has been completed with reference to the following guidance documents:

- Guidelines for Planning Authorities and An Bord Pleanála (ABP) on carrying out Environmental Impact Assessment (Department of Housing, Planning and Local Government, 2018);
- Guidelines on the Information to be Contained in Environmental Impact Assessment Reports (EPA, 2022);
- Guidelines for the Assessment of Indirect and Cumulative Impacts as well as Impact Interactions (EC, 1999); and
- Environmental Impact Assessment of Projects: Guidance on the preparation of the Environmental Impact Assessment Report (Directive 2011/92/EU as amended by 2014/52/EU) (European Union (EU), 2017).
- Guiding Principle 5 of the RenewableUK Cumulative Impact Assessment Guidelines (RenewableUK, 2013);
  - '*Boundaries for spatial and temporal interactions for CIA work should be set in consultation with regulators, advisers and other key stakeholders, in line with best available data'*
- Guiding Principle 7 of the RenewableUK Cumulative Impact Assessment Guidelines (RenewableUK, 2013);
  - '*Developers will consider projects, plans and activities that have sufficient information available in order to undertake the assessment.'*
- Planning Inspectorate (PINS) Advice Note Seventeen (PINS 2019)
  - This advice note sets out a staged approach to CIA for Nationally Significant Infrastructure Projects in the UK.

1.3 Methodology

1.3.1 Overview

1.3.1.1 The CIA has specifically considered whether any of the identified projects have the potential to exacerbate (i.e. alter the significance of) effects associated with the Proposed Development.

1.3.1.2 The assessment of cumulative effects has considered likely significant effects that may arise during construction, operational and maintenance, and decommissioning phases of the Proposed Development. Cumulative effects were assessed to a level of detail commensurate with the information that was available at the time of assessment.

1.3.1.3 The CIA was undertaken using a three-stage approach as illustrated in Figure 3.2.1. This CIA Screening Appendix presents the methodology associated with Stages 1 and 2, with the results of Stage 3 presented in each of the topic-specific EIAR chapters and summarised in Volume II, Chapter 24, Summary of Cumulative Effects. However, an overview of the methodology associated with Stage 3 is presented within this document.

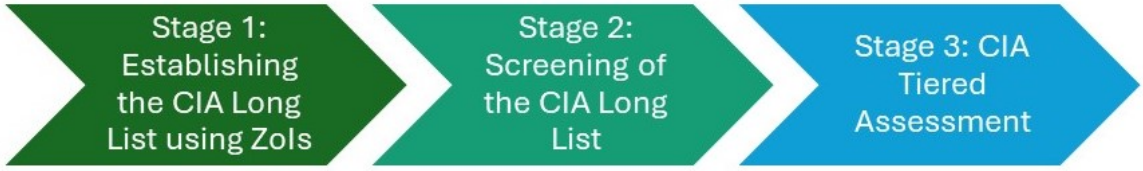

Figure 3.2.1: Cumulative Impact Assessment Methodology

1.3.1.4 Stages 1 and 2 focus on the creation and subsequent screening of the CIA long list which collates the details of operational, in construction, consented and proposed projects, plans and activities, and includes those within both Ireland and adjoining international jurisdictions. This screening of the long list leads to the creation of a topic-specific CIA short lists of projects, plans and activities taken forward and ultimately assessed within the cumulative assessments of EIAR chapters. The process for compiling the CIA long list and for screening the projects into or out of the cumulative assessments for chapters of the EIAR is set out in the sections below.

1.3.2 Stage 1: Establishing the CIA long list using search areas and topic-specific Zones of Influence (ZoIs)

1.3.2.1 For each physical, biological and human environment topic of the EIAR, the cumulative ZoI was defined based upon consideration of the relevant receptors, their study areas, the spatial scales of potential impact pathways and the range and mobility of environmental receptors, representing the likely spatial extent over which cumulative impacts may occur. These ZoIs have also been informed by expert judgement and from precedents set by other jurisdictions and countries with established offshore renewable energy sectors and where comprehensive guidance has been developed (e.g. PINS Advice Note Seventeen).

1.3.2.2 The cumulative ZoIs defined for each topic of the EIAR are provided in Table 3.2.1.

1.3.2.3 These cumulative ZoIs were then used to inform larger search areas within which to collect information on projects, plans and activities. These search areas correspond to established and documented ecosystem boundaries, covering these ZoIs for all topics (not just those that are biodiversity-led). This allows for a meaningful, comprehensive and proportionate list of projects, plans and activities to be generated for the long list within areas understood by GIS and all EIA specialists, using desk-based resources.

1.3.2.4 Three ecosystem boundaries were used as the basis of the search areas. These search areas are listed below (in ascending order of size) and illustrated in Figure 3.2.2:

- International Council for the Exploration of the Sea (ICES) Ecoregion subsection 7a;
- ICES Ecoregion section Celtic Sea (which incorporates 7a); and
- Joint Nature Conservation Committee (JNCC) Celtic & Greater North Seas (CGNS) Marine Mammal Management Unit (MMMU).

Table 3.2.1: Cumulative ZoIs for each topic considered

Topic/Receptor	Long list search area and justification
Coastal Processes	Cumulative ZoI: The Coastal Processes ZoI for the Proposed Development alone was scaled to represent the equivalent distance of two tidal excursions on a mean spring tide and comprise a distance of, approximately 20 km in a north-south direction, from the Proposed Development's boundary, corresponding with the direction of the tidal flow. Any location beyond this distance is unlikely to experience any impact to Coastal Processes receptors. The cumulative ZoI was conservatively projected at 22 km to encompass all projects, plans and activities that could potentially act cumulatively with the Proposed Development. Long list used: ICES Ecoregion subsection 7a. Justification: When taking other developments into consideration, conservative estimates based upon two tidal ellipses (22 km) includes any potential for spatial overlap in terms of impacts to Coastal Processes receptors. Therefore, ICES Ecoregion subsection 7a appropriately encapsulates all projects within this 22 km ZoI.
Marine Water and Sediment Quality	Cumulative ZoI: The MW&SQ ZoI for the Proposed Development alone was scaled to represent the equivalent distance of two tidal excursions on a mean spring tide and comprise a distance of, approximately 20 km in a north-south direction, from the Proposed Development's boundary, corresponding with the direction of the tidal flow. Any location beyond this distance is unlikely to experience any impact to MW&SQ receptors. The cumulative ZoI was conservatively projected at 22 km to encompass all projects, plans and activities that could potentially act cumulatively with the Proposed Development. Long list used: ICES Ecoregion subsection 7a. Justification for use: When taking other developments into consideration, conservative estimates based upon two tidal ellipses (22 km) includes any potential for spatial overlap in terms of impacts to MW&SQ receptors. Therefore, ICES Ecoregion subsection 7a appropriately encapsulates all projects within this 22 km ZoI.
Benthic Subtidal and Intertidal Ecology	Cumulative ZoI: The Benthic, Subtidal and Intertidal Ecology ZoI is scaled to conservatively represent the equivalent distance of two tidal excursions on a mean spring tide and comprise a distance of, approximately, 22 km in a north-south direction from the Proposed Development's boundary, corresponding with the direction of the tidal flow. The cumulative ZoI was conservatively projected at 22 km to encompass all projects, plans and activities that could potentially act cumulatively with the Proposed Development. Long list used: ICES Ecoregion subsection 7a. Justification for use: This search area encapsulates the Irish sea and is therefore larger than 22 km which is the area necessary for the topic.
Fish, Shellfish and Sea Turtle Ecology	Cumulative ZoI: Area that covers potential interactions of impact ranges (e.g., construction noise, interactions associated with SSC) with nursery and spawning areas, and mobile species populations and population connectivity. Long list used: ICES Ecoregion subsection 7a. Justification: This area encapsulates the Irish sea therefore is the appropriate scale that considers the potential interactions of impact ranges.

Topic/Receptor	Long list search area and justification
Marine Mammals	Cumulative ZoI: Marine mammals are highly mobile and differ in their foraging distances and seasonal distribution based on their ecology and behaviour therefore the Marine Mammal Management Unit (MU) Study Area (Inter-Agency Marine Mammal Working Group (IAMMWG), 2023) was set as it enables consideration of the scale of movement and population structure for each species. Long lists used: • The CGNS management Unit (MU) used for offshore wind projects and future leasing rounds or plans. Please note that the MU differs by species of interest. The CGNS MU listed above is only applicable to common dolphin, Risso's dolphin, and minke whale, the Celtic and Irish Seas MU (present within the CGNS MMMU) is applicable for harbour porpoise, and the Irish Sea MU (present within the CGNS MMMU) is applicable for bottlenose dolphin. • ICES Ecoregion subsection 7a used for all other plans, projects and activities other than offshore wind projects. Justification: For offshore wind development, recognising potential impacts and interaction, and highly mobile nature of the species, it is necessary therefore that the largest search area is used: the CGNS MU. For all other plans, projects and activities other than offshore wind, the ICES Ecoregion subsection 7a is considered appropriate when recognising the potential spatial scale of impacts and interaction.
Offshore Ornithology	Cumulative ZoI: Considering species range, Biologically Defined Minimum Population Scales (BDMPS) regions and different species connectivity (breeding and non-breeding) the ICES Ecoregion section Celtic Sea region (incorporating the 7a subsection, the Irish coast and the western UK coast) is necessary. Long list used: ICES Ecoregion section Celtic Sea. Justification: For offshore wind development it is necessary to take account of the mobile nature of many seabird species and also how this varies seasonally, with large scale migratory movements in the nonbreeding seasons and smaller scale foraging trips in the breeding season. Using published results from seabird tracking studies it is considered appropriate to use the Celtic Sea region (incorporating Irish coast and western UK coast). This determination takes into account variations between species in their movements and hence potential for connectivity with the proposed development.
Commercial Fisheries	Cumulative ZoI: The cumulative ZoI for commercial fisheries is defined as the Irish Sea ICES Division 7a. This is considered an appropriate area to understand cumulative effects because it covers the range of fishing grounds targeted by the fleets that are active in the local study area. Long list used: ICES Ecoregion subsection 7a. Justification: The CIES Ecoregion subsection 7a is the Irish Sea ICES Division 7a and therefore corresponds to the cumulative ZoI.
Shipping and Navigation	Cumulative ZoI: Only the ABWP2 OMF and Offshore wind farms within a 50 nm buffer of the Array Area have been screened in, given such projects may influence routeing in proximity to the Proposed Development. Long list used: ICES Ecoregion subsection 7a.

Topic/Receptor	Long list search area and justification
	Justification: This search area is the smallest and is still larger than the 50 nm ZoI which is the area necessary for the topic.
Military and Civil Aviation	Cumulative ZoI: The cumulative study area for civil and military aviation is set as within 50 km of the Array Area as only plans/projects within a close proximity of the Array Area have the potential to create cumulative impact issues in respect of military aviation. Long list used: ICES Ecoregion subsection 7a. Justification: This search area encapsulates the Irish sea and is therefore larger than the 50 km ZoI which is the area necessary for the topic.
Seascape, Landscape and Visual Amenity	Cumulative CIA: The SLVIA CIA incorporates cumulative developments within the 60 km SLVIA study area, as this is considered to be the maximum distance within which significant cumulative effects may occur. Only offshore wind farms are included within the SLVIA CIA, in line with best practice guidance 'Assessing the Cumulative Impact of Onshore Wind Energy Developments' (NatureScot, 2021), which is used in the absence of specific guidance for Ireland and / or offshore wind farm developments. Which long list used: ICES Ecoregion subsection 7a Justification: This long list covers the full extent of the 60 km SLVIA study area.
Marine Archaeology	Cumulative ZoI: The Marine Archaeology ZoI is scaled to conservatively represent the equivalent distance of two tidal excursions on a mean spring tide and comprise a distance of, approximately, 22 km in a north-south direction from the Proposed Development's boundary, corresponding with the direction of the tidal flow. Long list used: ICES Ecoregion subsection 7a. Justification for use: This search area encapsulates the Irish sea and is therefore larger than 22 km ZoI which is the area necessary for the topic.
Infrastructure and Other Users	Cumulative ZoI: The cumulative study area for other marine users is set within the other marine users 12 nm study area as only plans/projects within a close proximity of the Proposed Development have the potential to create cumulative impact issues in respect of Infrastructure and Other Users. Long list used: ICES Ecoregion subsection 7a Justification: This search area encapsulates the Irish sea and is therefore larger than 12 nm ZoI which is the area necessary for the topic.
Population and Human Health	Cumulative ZoI: The Local Area (comprised of County Wicklow and County Wexford) and Ireland Long lists used: Offshore wind projects, other offshore wind projects and subsea cables included in ICES Celtic Sea list Justification: There may be competition for labour and equipment in Irish firms across all of these projects. These cumulative projects would also support confidence and investment in the Irish supply chain which would support sector development.

Topic/Receptor	Long list search area and justification
Airborne Noise	Cumulative ZoI: The study area for cumulative noise impact assessment issues is set as within approximately 20 km from the Proposed Development. Long list used: ICES Ecoregion subsection 7a. Justification: This search area has been used for the cumulative noise impact assessment as it is larger than the 20km^2 area used for the cumulative noise impact assessment.
Offshore Bats	Cumulative ZoI: The cumulative study area for offshore bats is a 40 km^2 area surrounding the Proposed Development. This is approximately twice the ZoI of the Proposed Development alone and therefore should encompass the combined extent of impacts from the Proposed Development and also any regional projects likely to contribute to cumulative effects under a precautionary assumption that other projects may have a similar ZoI to the Proposed Development. Additional to this, Dublin Array, North Irish Sea Array, Codling Wind Park and Oriel have been screened into the assessment regardless of distance so that all east coast Phase One projects are considered in the cumulative assessment. Despite being outside of the screening range, they have been considered as a precautionary approach because it is likely they will have impacts of a similar size and scale, occurring within a similar timescale and involving the same species. When considering species range the Irish Sea region (incorporating Irish coast and western UK coast) is suitable for the cumulative effects assessment. Long list used: ICES Ecoregion subsection 7a. Justification: This search area is larger than the 40km^2 area used for the offshore bats cumulative ZoI and includes the Phase 1 offshore wind farms mentioned above.
Air Quality and Climate	Cumulative ZoI: The cumulative ZoI for the Air Quality and Climate chapter is the Project (i.e. the Proposed Development, the Onshore Grid Infrastructure (OGI), the Operations and Maintenance Facility (OMF), and the EirGrid Upgrade works). Long list used: ICES Ecoregion subsection 7a. Justification: This search area covers the Air Quality and Climate cumulative ZoI. Other projects are not considered as the Greenhouse Gas (GHG) assessment is inherently cumulative in nature. This aligns with IEMA (2022) guidance which states GHG emissions from specific cumulative projects should not be cumulatively assessed, as there is no basis for selecting which projects to assess cumulatively over any other.

1.3.2.5 Within the long list, projects, plans and activities were split into the following types or sectors:

- Offshore Wind;
- Other Offshore Energy;
- Aggregates;
- O&G Infrastructure,
- O&G Pipelines;
- Subsea Cables;
- Disposal;
- Dumping at Sea
- Carbon Capture and Storage

- Shipping and Ports
- Aquaculture;
- Coastal Assets
- Survey; and
- Future Leasing Round or Plans.

1.3.2.6 Following an initial screening process using the topic specific ZoIs, it was identified that the only type or sector with potential for cumulative impacts outwith the ICES Ecoregion section Celtic Sea was Offshore Wind. As such, the long list for Offshore Wind extends to the boundaries of the JNCC CGNS MMMU. For other types or sectors, the boundaries of the ICES Ecoregion subsection 7a or ICES Ecoregion section Celtic Sea (which incorporates 7a) were used to as boundaries for the collection of information.

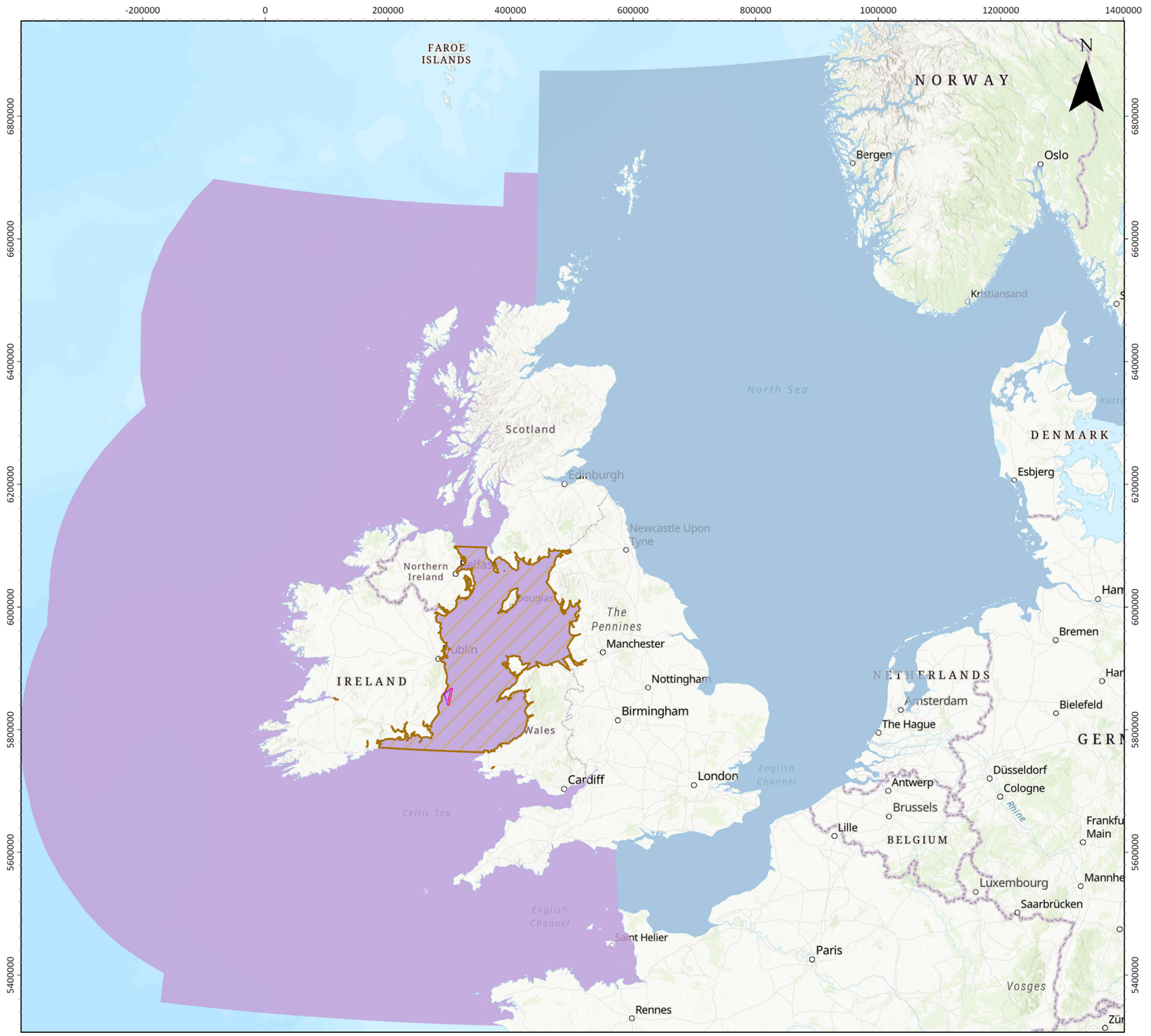

Figure Reference: Ark_001_SearchAreasFig3.2.2

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Arklow Bank Wind Park 2

Cumulative Impact Assessment Longlist Search Areas

Legend

- ABWP2 Array Area
- ABWP2 Cable Corridor and Working Area
- ICES Ecoregion Subsection 7a
- ICES Area Celtic Seas
- JNCC Celtic & Greater North Seas MMMU

Notes

Esri, TomTom, FAO, NOAA, USGS, Esri UK, Esri, TomTom, Garmin, FAO, NOAA, USGS, Esri, GEBCO, Garmin, NaturalVue, Esri, USGS. Contains Ordnance Survey data © Crown copyright and database rights (2022). OS OpenData.

Coordinate System:
ETRS 1989 UTM Zone 30N

0 110 220 km

0 50 100 nm

Scale	Date	Drawn By	Checked By	Approved By
1:6,000,000 @ A3	02/05/2024	GB	EM	LK

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GoBe APEM Group

Figure Number 3.2.2

Figure 3.2.2: Cumulative Impact Assessment Longlist Search Areas

1.3.2.7 The CIA long list was developed based on consideration of the scale of the projects, plans and activities, and the potential for them to give rise to cumulative effects with the Proposed Development. Due to the nature of the Proposed Development, these projects, plans and activities are predominately marine projects, with the exception of coastal assets that are present beyond the High Water Mark (HWM) and where there is the potential for them to impact on a receptor. Projects, plans and activities were identified through a Geographic Information System (GIS) study of the data sources set out in Table 3.2.2 and a desktop study of the data sources set out in Table 3.2.3.

Table 3.2.2: GIS data sources used to establish the CIA longlist

Type of Developments	GIS Data Source
Aggregate Production Areas	The Crown Estate (TCE)
Disposal Sites	Centre for Environment, Fisheries and Aquaculture Science (Cefas)
Dumping at Sea Boundaries	EPA
Carbon Capture and Storage (CCS) Areas	TCE
O&G Surface Features	North Sea Transition Authority (NSTA)
O&G Subsurface Features	NSTA
O&G Pipelines	NSTA
Ports	World Ports Index (WPI)
Subsea Cables	Kingfisher Information Service – Offshore and Renewable Cable Awareness project (KIS-ORCA) / GoBe Compiled Dataset
Offshore Wave Site Agreements	TCE / Crown Estate Scotland (CES)
Offshore Tidal Site Agreements	TCE / CES
Offshore Wind Farms (OWFs)	TCE / CES / European Marine Observation and Data Network (EMODnet) / Irish OWFs digitised (4C Offshore)
Shipping	UK Hydrographic Office (UKHO)
Aquaculture	Department of Agriculture, Food and the Marine
Recreation – Watersports	Marine Irish Digital Atlas

Table 3.2.3: Desktop online information sources used to establish the CIA longlist

Type of Developments	Online Information Source	Author
Aggregate Production Area	https://data.gov.ie/dataset/irish-sea-marine-aggregates-initiative	Marine Institute
	https://epawebapp.epa.ie/terminalfour/DaS/index.jsp	EPA
	https://gis.epa.ie/EPAMaps/AAGeoTool	EPA
Dumping at Sea	https://epawebapp.epa.ie/terminalfour/DaS/index.jsp	EPA
Disposal Sites	https://gis.epa.ie/EPAMaps/	EPA
	https://marinescotland.atkinsgeospatial.com/nmpi/	Marine Scotland
Carbon Areas	https://opendata-thecrownestate.opendata.arcgis.com/datasets/8cae2b24b1f6457c8311af3e794246d3	TCE
	https://infrastructure.planninginspectorate.gov.uk/	UK Planning Inspectorate Website
	https://www.ccstlm.com/site/system/resources/interfaces/The_East_Irish_Sea_CCS_Cluster_Summary_Brochure2728.pdf?id=16	Eunomia Research & Consulting Ltd
O&G	https://www.gov.ie/en/publication/10d43-acreage-reports-and-concession-maps/#2022	Irish Government
	https://www.arcgis.com/apps/webappviewer/index.html?id=cb3474a78df24139b1651908ff8c8975	NSTA
	https://www.gov.ie/en/policy-information/bf1b50-oil-and-gas-exploration-and-production/	Irish Government
	https://www.gov.uk/guidance/oil-and-gas-decommissioning-of-offshore-installations-and-pipelines	UK Government
	https://www.gov.ie/en/foreshore-notices/	Irish Government
	https://marinescotland.atkinsgeospatial.com/nmpi/	Marine Scotland
Subsea Cables	https://kis-orca.org/map/	KIS-ORCA
	https://www.gov.ie/en/foreshore-notices/	Irish Government
	https://www.submarinecablemap.com/	TeleGeography
OWFs	https://www.gov.ie/en/collection/f2196-foreshore-applications-and-determinations/	Irish Government

Type of Developments	Online Information Source	Author
	https://tethys.pnnl.gov/	Tethys (Pacific Northwest National Laboratory (PNNL))
	https://www.4coffshore.com/windfarms/ireland/	4C Offshore
	https://kis-orca.org/map/	KIS-ORCA
	Individual project websites	Variable
Other Offshore Energy	https://tethys.pnnl.gov/	Tethys (PNNL)
	Individual project websites	Variable
Aquaculture	https://www.gov.ie/en/collection/d8ea9-aquacultureforeshore-licence-applications	Irish Government
	https://www.gov.ie/en/collection/794ef-marine-finfish-licences/	Irish Government
	https://www.gov.ie/en/collection/ae2ab-shellfish-licences/	Irish Government
Coastal Assets	https://www.gov.ie/en/collection/f2196-foreshore-applications-and-determinations/	Irish Government
	https://myplan.ie/national-planning-application-map-viewer/	Department of Housing, Local Government and Heritage (DHLGH)
	DHLGH website – Foreshore Applications	DHLGH
	Individual county council application websites	Variable
	https://www.pleanala.ie/en-ie/case-search	ABP
	https://www.water.ie/projects/	Irish Water
	https://www.housing.gov.ie/planning/environmental-assessment/environmental-impact-assessment-eia/eia-portal	DHLGH
	https://data.gov.ie/dataset/national-planning-applications	DHLGH
	Marine Licence applications for England, Wales and Scotland	Marine Management Organisation (England), Natural

Type of Developments	Online Information Source	Author
		Resources Wales and Marine Directorate (Scotland)
Surveys	https://www.maritimeregulator.ie/applications/	Maritime Area Regulation Authority (MARA)
Planning Applications	https://housinggovie.maps.arcgis.com/apps/webappviewer/index.html?id=d7d5a3d48f104ecbb206e7e5f84b71f1	DHLGH
	https://www.water.ie/projects/?map=our-projects&id=884	Irish Water
	https://www.pleanala.ie/en-ie/map-search	ABP
	County council maps	Variable
	https://housinggovie.maps.arcgis.com/apps/webappviewer/index.html?id=9cf2a09799d74d8e9316a3d3a4d3a8de	DHLGH

1.3.2.8 In cumulative assessments, it is necessary to have an assessment cut-off date to allow time for the assessment to be undertaken and finalised prior to submission. This is acknowledged in PINS Advice Note Seventeen (PINS, 2019). As such, any projects, plans and activities that went into planning post 19th March 2024 have not been considered for inclusion in the CIA long list for the Proposed Development. The long list includes projects, plans and activities which are:

- Operational;
- Under construction;
- Permitted but not yet implemented;
- Submitted but not yet determined;
- Irish offshore wind farms designated as 'Phase 1 Projects', which includes those projects that were granted a Maritime Area Consent (MAC) under the Maritime Area Planning (MAP) Act 2021;
- Other elements of the Project (ABWP2) which are required for the operation of the Proposed Development;
- Potential decommissioning of ABWP1; and
- Identified in a relevant development plan, including:
  - National Marine Planning Framework (NMPF); and
  - Offshore Renewable Energy Development Plan (OREDPII).

1.3.2.9 Projects that did not fall within the three search areas (Figure 3.2.2) were not considered further.

1.3.2.10 The long list was then refined in accordance with the following key assumptions, in order to provide a refined long list:

- Any licence/lease/consent which expires before the end of 2026 (i.e. prior to construction of the Proposed Development) was excluded on the basis of no temporal overlap with the Proposed Development; and
- All Foreshore Licence applications that were in consultation before 2016, but where no further action had since been taken to progress to application, were excluded on the basis that such projects are not likely to proceed.

1.3.2.11 Further information on the projects, plans and activities within the refined long list was then gathered to inform the screening process (Stage 2). This involved a desk study to source publicly available information on projects, plans and activities using planning databases and internet searches (included in Table 3.2.2 and Table 3.2.3). The relevant project parameters for the projects, plans and activities within the long list were also drawn from EIARs or other similarly detailed planning documents (i.e. licence applications) where possible. Information gathered included stages of development and construction dates as well as approximate distances to the Proposed Development for each project, plan and activity, to better understand any spatial and temporal overlap.

1.3.3 Stage 2: Topic screening

1.3.3.1 Having developed the CIA long list, all projects, plans and activities were screened based on the level of detailed information available and the potential for interaction with the Proposed Development, whether this interaction be temporal, spatial or potential. For the temporal interaction with the Proposed Development a construction commencement date of 2026 has been assumed for the Proposed Development with construction taking place over period of up to five years.

1.3.3.2 This screening has produced topic-specific short-lists of projects to be considered further within the CIA as part of each EIAR chapter. It should be noted that this process may have screened a project in for one EIA topic but screened it out for another. The factors that were used to inform the CIA screening criteria are described below.

Data confidence

1.3.3.3 Data confidence is taken into account when screening projects, plans and activities into or out of the CIA. The premise here is that projects, plans and activities with a low level of detail publicly available cannot meaningfully contribute to a CIA and, as such, are screened out. The application of this screening step is consistent with Guiding Principle 7 of the RenewableUK Cumulative Impact Assessment Guidelines (RenewableUK, 2013).

1.3.3.4 Decisions upon whether to screen a project, plan or activity in or out at this stage are taken on a topic by topic basis based on experience and knowledge of technical specialists, and the current guidance and regulations. This allows certain projects, plans and activities to be screened in for certain topics where sufficient detail is present, while the same project, plan or activity may be screened out for another topic.

No effect - no receptor pathway

1.3.3.5 For a cumulative effect to occur, it must be established that a cumulative impact has the potential to directly or indirectly affect the receptor(s) in question. In Environmental Impact Assessment (EIA) terms, this is described as an impact-receptor-pathway. An example of this can be seen where increased suspended sediment concentrations arising from a nearby project and from the Proposed Development (impact) affect the same population of fish and shellfish (receptor). Conversely, an impact-receptor-pathway cannot be demonstrated between activities such as the operation of a subsea pipeline and aircraft navigation. It is in

cases such as this second example where projects, plans and activities are screened out at this stage.

1.3.3.6 Each project, plan and activity on the CIA long list has been considered on a topic-by-topic basis in order to evaluate the potential for impact-receptor-pathway overlaps to exist. Projects, plans and activities that clearly do not have such an overlap are screened out of the assessment such as radars. In cases where an impact-receptor-pathway is not clear-cut, the project, plan and activity in question has been screened into the CIA in order to consider the worst case. These projects are then further considered in the relevant topic chapters.

Physical overlap

1.3.3.7 The ability for impacts arising from the Proposed Development to overlap with those from other projects, plans and activities has been assessed on a receptor basis for each topic. This means that, in most examples, an overlap of the physical extents of the impacts arising from the two (or more) projects, plans and activities must be established for a cumulative impact to arise. For example, for a cumulative sedimentation impact to be established between the Proposed Development and another project, it must be established that the extent of sediment release from both projects has the potential to overlap and may affect a receptor at a single physical place.

1.3.3.8 Exceptions to this exist for certain mobile receptors that may move between, and be subject to, two or more separate physical extents of impact from two or more projects. For example, marine mammals may be affected by noise impacts from the Proposed Development, as well as those from other projects where noise impact extents do not directly overlap with those from the Proposed Development. Furthermore, individual receptors from the same population may be subject to physically separate impacts occurring at the same time while the population is separated, leading to an effect upon the population as a whole. Where relevant, these potential eventualities have been noted in the relevant chapter and included in the CIA.

1.3.3.9 Screening on the basis of physical extent has been carried out for all topics in line with the maximum potential impact (and hence physical extent) that may arise from the Proposed Development.

1.3.3.10 For the purposes of the CIA for the Proposed Development, all projects, plans and activities which do not have a physical overlap of impacts for a given EIA topic with those of the Proposed Development have been screened out. This approach is consistent with Guiding Principle 5 of the RenewableUK Cumulative Impact Assessment Guidelines (RenewableUK, 2013).

Temporal overlap

1.3.3.11 In order for a cumulative effect to arise from two or more projects, a temporal overlap of impacts arising from each must be established. Some impacts are active only during certain phases of development, such as piling noise during construction. Such a consideration is particularly important for receptors such as marine mammals, where the overlap of impacts during construction, such as noise from the piling activities of several large offshore developments, may be important. The anticipated construction, operational and decommissioning periods for projects, plans and activities within the CIA long list have been obtained from their relevant planning documents (e.g. Scoping Reports, EIARs etc.). The details provided represent the current understanding of programmes of development though it is recognised that these programmes may be subject to change.

1.3.3.12 For the purposes of the CIA for the Proposed Development, all projects, plans and activities that were built and operational at the time of the Proposed Development data collection (field surveys etc.) have been screened out of the CIA. This is because the effects of these projects have already been captured within the Proposed Development site-specific surveys and/or

baselines, and hence their effects have already been accounted for within the baseline assessment. The exclusion of built and operational projects that were in place at the time of data collection/survey in this way avoids the double-counting that would occur if projects were to be included within both the baseline and the CIA. The exception to this is where projects have an ongoing impact, and this is addressed by the screening criterion 'part of the baseline but has an ongoing impact'.

Screening Criteria

1.3.3.13 The screening process applied the defined screening criteria set out in Table 3.2.4.

Table 3.2.4: Screening criteria for the CIA longlist

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment: **Screened out of the assessment.**
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened into the assessment**
c	Potential cumulative impact exists: **Screened into the assessment**
d	No temporal overlap, nor potential for sequential cumulative effect: **Screened out of the assessment**
e	No physical effect-receptor overlap: **Screened out of the assessment**
f	Low data confidence: **Screened out of the assessment.**
g	No effect- no receptor pathway: **Screened out of the assessment.**

1.3.3.14 The screened long list identifies all the other plans, projects and activities that might give rise to cumulative effects when considered alongside the potential impacts arising from the Proposed Development but does not identify the differences in impact ranges for different environmental receptors. In order to focus the topic specific cumulative assessments presented in the EIAR chapters, the screened long list was subject to further topic specific screening to identify those relevant plans, projects and activities within the ZoIs of the Proposed Development for each topic. The topic-specific screening distances used to refine the screened long list into topic-specific short lists (along with justifications for the distances used) are provided in Table 3.2.1.

1.3.3.15 Only where there is the potential for both spatial and temporal interaction between effects at the Proposed Development and one or more other projects/plans/activities, has a cumulative impact been taken forward for consideration in the CIA. The screening of the long list is set out in Annex A, identifying those projects screened in or out for further consideration on the basis of one or more of the screening criteria. It is important to note that multiple screening criteria could apply to each project, plan and activity. As such, the most appropriate criteria was applied and recorded but other criteria may also apply.

1.3.4 Stage 3 – Tiered Assessment

1.3.4.1 In assessing the potential for cumulative effects from the Proposed Development, it is important to bear in mind that projects plans and activities, predominantly those that are currently 'proposed', may or may not be, ultimately, taken forward for development. Therefore, there is a need to build in some consideration of certainty (or uncertainty) with respect to the potential impacts which might arise from such proposals. For example, projects which are

already under construction are more likely to contribute to cumulative effects than those development applications that are not yet submitted.

1.3.4.2 For these reasons, all of the relevant long list projects, plans and activities were allocated into 'tiers', reflecting their current status within the planning and development process. This allows the cumulative impact assessment to present several scenarios, reflecting the varying levels of certainty of an activity proceeding and therefore the potential for impacts to arise that might act cumulatively with the impacts arising from the Proposed Development. Appropriate weight may therefore be given to each scenario (tier) in the decision-making process when considering the potential cumulative impacts associated with the Proposed Development. For example, it may be considered that greater weight should be attributed to tier 1 than tier 2. The tiering structure is described in Table 3.2.5. The tiers are listed in descending order of level of detail likely to be available (and, correspondingly, certainty of effects arising). It is noted in PINS Advice Note Seventeen (PINS 2019) that where other projects are expected to be completed before the construction of the Proposed Development and the effects of those projects are fully determined, effects arising from them should be considered as part of the baseline and may be considered as part of assessment in the construction and operational phase (noting that the assessment should clearly distinguish between projects forming part of the baseline and those in the CIA).

Table 3.2.5: Description of tiers of other developments considered within the CIA

Tiers	Development Stage
Tier 1	The other elements of Arklow Bank Wind Park 2, which are required for the operation of the Proposed Development, including: the Operation and Maintenance (O&M) Facility, Onshore Grid Infrastructure (OGI) and EirGrid Upgrade works;
	Projects under construction. Those projects that are only partially constructed at the time that baseline characterisation is undertaken;
	Those that were only recently completed, during the development of the baseline characterisation, the full extent of the impacts arising from the development(s) may not be reflected in the baseline; and/ or
	Those plans and projects which may have consent or licences to undertake further work, such as maintenance dredging or notable maintenance works which may result in additional effects.
	Those projects which are built (i.e. part of the baseline) and /or there is an ongoing effect.
Tier 2	Permitted application(s), but not yet implemented;
Tier 3	Submitted application(s), but not yet determined;
	Identified in the relevant development plan (and emerging development plans – with appropriate weight given as they move closer to adoption) recognising that much information on any relevant proposals will be limited; and
	Identified in other plans and programmes (as appropriate) which set the framework for future development consents/ approvals, where such development is reasonably likely to come forward.

Tiers	Development Stage
	It is expected that ABWP1 will seek consent for the decommissioning of the existing seven WTGs in the near future. Although no public information is available, the decommissioning has been assessed on a precautionary basis i.e. a temporal overlap with the construction of the Proposed Development (1 year assumed).
Phase 1 Projects	The CIA acknowledges that these projects are on similar timelines to the Proposed Development and therefore the impact assessments are not yet publicly available. Due to this, the approach taken is to cumulatively assess these at a high level in so far as is possible given the lack of confirmed detail regarding these proposed projects.

1.3.4.3 In this regard it is important to set out the approach for assessing those offshore wind farms designated as 'Phase One Projects'. The CIA acknowledges that these projects are on similar timelines to the Proposed Development and therefore the impact assessments are not yet publicly available. Due to this, the approach taken is to cumulatively assess these at a high level in so far as is possible given the lack of confirmed detail regarding these proposed projects. It should be noted that although there is limited publicly available information, proposed construction and operation dates have been shared across the East Coast Phase 1 projects. In addition to this, more detailed information for certain topics such as SLVIA and Ornithology has been shared between East Coast Phase 1 projects to allow for a more detailed assessment for certain receptors.

1.3.4.4 The Developer was granted a Foreshore Licence (FS007339) for Site Investigations (associated with the Proposed Development) from the Minister for Housing, Local Government and Heritage in May 2022. The Developer confirms and commits that it will not carry out any works in respect of the Proposed Development under the planning permission (if granted) at the same time as any activities the subject of the Foreshore Licence for Site Investigations (FS007339) being carried out. As such there is no temporal overlap between the activities consented in this Foreshore Licence and the Proposed Development and there will be no potential for cumulative effects. FS007339 has been screened out for all topics CIA within the EIAR.

1.3.4.5 The Developer submitted a Foreshore Licence Application for Site Surveys to the Minister for Housing, Local Government and Heritage in April 2023 (FS007555) and this application is pending determination. The Developer confirms and commits that it will not carry out any works in respect of the Proposed Development under the planning permission (if granted) at the same time as any activities the subject of the Foreshore Licence Application for Site Surveys FS007555 (should a licence be granted) are being carried out. As such there is no temporal overlap between the activities proposed in the Foreshore Licence Application and the Proposed Development. FS007555 has been screened out for all topics CIA within the EIAR.

1.3.4.6 Further detail on the topic-specific methodologies implemented for the CIA may be found in the relevant sections of the EIAR chapters.

1.4 References

DHLGH (2018), Guidelines for Planning Authorities and An Bord Pleanála on carrying out Environmental Impact Assessment (August 2018).

European Commission (1999) Guidelines for the Assessment of Indirect and Cumulative Impacts as well as Impact Interactions (Report No. NE80328/D1/3).

European Commission (2017) Environmental Impact Assessment of Projects – Guidance on the preparation of the Environmental Impact Assessment Report. (Directive 2011/92/EU as amended by 2014/52/EU), Publications Office, 2017, https://data.europa.eu/doi/10.2779/41362.

European Parliament (2014) Directive 2014/52/EU of the European Parliament and of the Council of 16 April 2014 amending Directive 2011/92/EU on the assessment of the effects of certain public and private projects on the environment.

Environmental Protection Agency (EPA) (2022), Guidelines on the information to be contained in Environmental Impact Assessment Reports.

IEMA (2022) Environmental Impact Assessment Guide to: Assessing Greenhouse Gas Emissions and Evaluating their Significance. 2nd Edition [Online] Available: https://www.iema.net/preview-document/assessing-greenhouse-gas-emissions-and-evaluating-their-significance

Planning Inspectorate (2019) Advice Note Seventeen: Cumulative effects assessment relevant to nationally significant infrastructure projects, Version 2, August 2019: The Planning Inspectorate.

RenewableUK (2013) Cumulative Impact Assessment Guidelines: Guiding Principles for Cumulative Impacts Assessment in Offshore Wind Farms, June 2013. Available online: http://www.nerc.ac.uk/innovation/activities/infrastructure/offshore/cumulative-impact-assessment-guidelines/ [Accessed: 11 April 2024].

Annex A – Cumulative Screening Matrices and Long List

Table A-1: Project Phases Key

	Not yet/no longer operational
	Abandoned/Not in use
	Construction
	Operation and Maintenance/Active
	Decommissioning
	Unknown/Not defined as of 19 March 2024

Table A-2: Screening Criteria

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment: **Screened out of the assessment.**
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened into the assessment**
c	Potential cumulative impact exists: **Screened into the assessment**
d	No temporal overlap, nor potential for sequential cumulative effect: **Screened out of the assessment**
e	No physical effect-receptor overlap: **Screened out of the assessment**
f	Low data confidence: **Screened out of the assessment.**
g	No effect- no receptor pathway: **Screened out of the assessment.**

Offshore Cumulative Effects Assessment Matrix - Aggregates - Celtic Sea region

						Construction Period (red outline denotes the Proposed Development offshore construction period)														Ordered by distance			
Area	Area number	Company	Status of Development	Start Date	End date	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Distance to the Proposed Development Array Area (km)	Distance to the Proposed Development Cable Corridor and Working Area (km)	ICES Celtic Sea 7a	ICES Celtic Sea
NOBEL Banks	476	Llanelli Sand Dredging Ltd	Open	01/07/2016	30/06/2031															157.8	157.1	No	Yes
Liverpool Bay	457	Westminster Gravels Ltd	Closed	07/12/2012	13/07/2025															170.0	169.1	Yes	Yes
Hilbre Swash	393	Mersey Sand Suppliers	Open	01/01/2015	31/12/2029															170.9	170.0	Yes	Yes
Liverpool Bay	1808	Hanson Aggregates Marine Ltd	Closed	01/09/2019	31/08/2024															171.2	170.3	Yes	Yes
Culver Extension	526	CEMEX UK Marine Ltd	Open	01/01/2019	31/12/2034															236.3	235.6	No	Yes
Culver Extension	526	Hanson Aggregates Marine Ltd	Open	14/12/2018	13/12/2033															236.3	235.6	No	Yes
Culver Extension	526	Tarmac Marine Ltd	Open	01/01/2019	31/12/2034															236.3	235.6	No	Yes
North Bristol Deep	1602	Hanson Aggregates Marine Ltd	Open	02/07/2021	07/04/2030															244.5	243.9	No	Yes
North Bristol Deep	1602	Tarmac Marine Ltd	Open	02/07/2021	07/04/2030															244.5	243.9	No	Yes
North Bristol Deep	1601	Hanson Aggregates Marine Ltd	Open	02/07/2021	07/04/2030															244.9	244.2	No	Yes
North Bristol Deep	1601	Tarmac Marine Ltd	Open	02/07/2021	07/04/2030															244.9	244.2	No	Yes
North Middle Grou	455	Severn Sands Ltd	Open	01/07/2016	30/06/2031															246.3	245.6	No	Yes
North Middle Grou	459	Severn Sands Ltd	Open	01/07/2016	30/06/2031															248.2	247.6	No	Yes

Area	Coastal Processes	Marine Water and Sediment Quality	Airborne Noise	Benthic Subtidal and Intertidal Ecology	Fish, Shellfish and Sea Turtle Ecology	Marine Mammals	Offshore Ornithology	Offshore Bat Activity	Commercial Fisheries	Shipping and Navigation	Civil and Military Aviation	Seascape, Landscape & Visual Amenity	Marine Archaeology	Infrastructure and Other Users	Air Quality and Climate	Population and Human Health
NOBEL Banks	e	e	g	e	g	e	g	e	g	g	g	g	g	g	g	g
Liverpool Bay	e	e	g	e	g	e	g	e	g	g	g	g	g	g	g	g
Hilbre Swash	e	e	g	e	g	g	g	e	g	g	g	g	g	g	g	g
Liverpool Bay	e	e	g	e	g	g	g	e	g	g	g	g	g	g	g	g
Culver Extension	e	e	g	e	g	e	g	e	g	g	g	g	g	g	g	g
Culver Extension	e	e	g	e	g	g	g	e	g	g	g	g	g	g	g	g
Culver Extension	e	e	g	e	g	g	g	e	g	g	g	g	g	g	g	g
North Bristol Deep	e	e	g	e	g	e	g	e	g	g	g	g	g	g	g	g
North Bristol Deep	e	e	g	e	g	g	g	e	g	g	g	g	g	g	g	g
North Bristol Deep	e	e	g	e	g	g	g	e	g	g	g	g	g	g	g	g
North Bristol Deep	e	e	g	e	g	e	g	e	g	g	g	g	g	g	g	g
North Middle Grou	e	e	g	e	g	g	g	e	g	g	g	g	g	g	g	g
North Middle Grou	e	e	g	e	g	e	g	e	g	g	g	g	g	g	g	g

Offshore Cumulative Effects Assessment Matrix - Alternative Offshore Renewable Energy (Wave/Tidal) - Celtic Sea region

Project	Developer	Type	Status	Construction Period (red outline denotes the Proposed Development offshore construction period) 2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Ordered by distance: Distance to the Proposed Development Array Area (km)	Distance to the Proposed Development Cable Corridor and Working Area (km)	ICES Celtic Sea 7a	ICES Celtic Sea	Coastal Processes	Marine Water and Sediment Quality	Airborne Noise	Benthic Subtidal and Intertidal Ecology	Fish, Shellfish and Sea Turtle Ecology	Marine Mammals	Offshore Ornithology	Offshore Bat Activity	Commercial Fisheries	Shipping and Navigation	Civil and Military Aviation	Seascape, Landscape & Visual Amenity	Marine Archaeology	Infrastructure and Other Users	Air Quality and Climate	Population and Human Health
Holyhead Deep	Minesto UK Limited	Tidal	Consented															84.0	83.1	Yes	Yes	e	e	e	e	e	c	e	e	e	e	e	e	e	e	e	c
Holyhead Deep 0.5MW Site	Minesto UK Limited	Tidal	Operational															84.3	83.3	Yes	Yes	e	e	e	e	e	e	e	e	e	e	e	e	e	e	e	c
West Anglesey Demonstration Zone	Menter Môn Morlais Limited	Tidal	Under construction															85.0	84.1	Yes	Yes	e	e	e	e	e	c	e	e	e	e	e	e	e	e	e	c
Wave Dragon Project - Milla Fjord Site	Wave Dragon Wales Ltd	Wave	Pre-planning application															121.2	121.9	Yes	Yes	e	e	e	e	e	i	e	e	e	e	e	e	e	e	e	c
Milford Haven Estuary (META Phase 2) - Dale Roads	Pembrokeshire Coastal Forum Community Interest Company	Tidal	Operational															121.3	120.6	Yes	Yes	e	e	e	e	e	g	e	e	e	e	e	e	e	e	e	c
Milford Haven Estuary (META Phase 2) - East Pickard Bay	Pembrokeshire Coastal Forum Community Interest Company	Tidal	Operational															126.1	125.4	Yes	Yes	e	e	e	e	e	g	e	e	e	e	e	e	e	e	e	c
Milford Haven Estuary (META Phase 2) - Warrior Way	Pembrokeshire Coastal Forum Community Interest Company	Tidal	Operational															129.2	128.5	Yes	Yes	e	e	e	e	e	g	e	e	e	e	e	e	e	e	e	c
North Wales Tidal Energy	North Wales Tidal Energy & Coastal Protection (NWTE)	Tidal	Pre-planning application															144.1	145.0	Yes	Yes	e	e	e	e	e	d	e	e	e	e	e	e	e	e	e	c
Pembrokeshire Demonstration Zone	Wave Hub Development Services Limited	Wave	Pre-planning application															144.3	143.7	Yes	Yes	e	e	e	e	e	d	e	e	e	e	e	e	e	e	e	c
Colwyn bay tidal lagoon	Tidal Lagoon Power Ltd	Tidal	Pre-planning application															153.2	152.3	Yes	Yes	e	e	e	e	e	d	e	e	e	e	e	e	e	e	e	c
Strangford Lough	Minesto UK Limited	Tidal	Operational															164.9	164.0	Yes	Yes	e	e	e	e	e	g	e	e	e	e	e	e	e	e	e	c
Mersey Tidal Power	Mersey Tidal Power	Tidal	Pre-planning application															202.13	201.31	Yes	Yes	e	e	e	e	e	i	e	e	e	e	e	e	e	e	e	c
Mull of Galloway	Atlantis Resources Ltd	Tidal	Lease withdrawn															203.3	202.3	Yes	Yes	e	e	e	e	e	i	e	e	e	e	e	e	e	e	e	c
Wyre Barrage	Wyre Tidal Energy	Tidal	Pre-planning application															221.9	222.8	No	Yes	e	e	e	e	e	i	e	e	e	e	e	e	e	e	e	c
Northern Tidal Power Gateways/Morecambe Bay Tidal Lagoon	North West Energy Squared	Tidal	Pre-planning application															222.3	223.2	No	Yes	e	e	e	e	e	i	e	e	e	e	e	e	e	e	e	c
West Cumbrian Tidal Lagoon	Tidal Lagoon Power Ltd	Tidal	Pre-planning application															227.3	228.3	No	Yes	e	e	e	e	e	i	e	e	e	e	e	e	e	e	e	c
West Somerset Tidal Lagoon	Longbay Seapower	Tidal	Pre-planning application															235.8	236.5	No	Yes	e	e	e	e	e	g	e	e	e	e	e	e	e	e	e	c
Severn Barrage	REUK Renewable Energy UK	Tidal	Pre-planning application															237.4	238.1	No	Yes	e	e	e	e	e	g	e	e	e	e	e	e	e	e	e	c
Cardiff Bay Tidal Lagoon	Cardiff Tidal Lagoon	Tidal	Pre-planning application															241.4	242.1	No	Yes	e	e	e	e	e	g	e	e	e	e	e	e	e	e	e	c
Newport Tidal Lagoon	Tidal Lagoon Power Ltd	Tidal	Withdrawn															241.4	242.1	No	Yes	e	e	e	e	e	i	e	e	e	e	e	e	e	e	e	c
WestWave Demonstration Project	ESB	Wave	Pre-planning application															252.50	244.21	No	Yes	e	e	e	e	e	i	e	e	e	e	e	e	e	e	e	c
Bridgewater Bay Tidal Lagoon	Tidal Lagoon Power Ltd	Tidal	Pre-planning application															254.4	255.1	No	Yes	e	e	e	e	e	i	e	e	e	e	e	e	e	e	e	c
Wave Hub	Wave Hub Ltd.	Wave	Operational															262.9	263.5	No	Yes	e	e	e	e	e	g	e	e	e	e	e	e	e	e	e	c
Fair Head Phase 1	Fair Head Tidal Energy Park Ltd	Tidal	Planning application submitted															290.9	291.9	No	Yes	e	e	e	e	e	g	e	e	e	e	e	e	e	e	e	c
Fair Head Phase 2	Fair Head Tidal Energy Park Ltd	Tidal	Planning application submitted															290.9	291.9	No	Yes	e	e	e	e	e	g	e	e	e	e	e	e	e	e	e	c
Falmouth Bay Test Site (FaBTest)	Falmouth Harbour Comissioners	Wave	Operational															292.0	291.4	No	Yes	e	e	e	e	e	g	e	e	e	e	e	e	e	e	e	c
West Islay Tidal Energy Park	Bluepower	Tidal	Operational															309.0	310.0	No	Yes	e	e	e	e	e	g	e	e	e	e	e	e	e	e	e	c
Sound of Islay	Previously ScottishPower Renewables UK Ltd, now Atlantis (2016 purchase)	Tidal	Consented															323.1	322.2	No	Yes	e	e	e	e	e	g	e	e	e	e	e	e	e	e	e	c
Oran na Mara	Oran na Mara Ltd	Tidal	Pre-planning application															327.6	326.7	No	Yes	e	e	e	e	e	g	e	e	e	e	e	e	e	e	e	c
Portland Bill	Marine Current Turbines Limited	Tidal	Pre-planning application															342.1	342.8	No	Yes	e	e	e	e	e	g	e	e	e	e	e	e	e	e	e	c
Connel	Sustainable Marine Energy Ltd	Tidal	Decommissioning															395.1	394.2	No	Yes	e	e	e	e	e	g	e	e	e	e	e	e	e	e	e	c
Perpetuus Tidal Energy Centre (PTEC)	Isle of Wight Council	Tidal	Under construction															399.3	398.7	No	Yes	e	e	e	e	e	g	e	e	e	e	e	e	e	e	e	c
Raz Blanchard	SIMEC Atlantic	Tidal	In planning															432.3	433.0	No	Yes	e	e	e	e	e	g	e	e	e	e	e	e	e	e	e	c
Isle of Muck	Albatern WaveNET Albatern and Marine Harvest Scotland	Wave	Operational															437.2	436.3	No	Yes	e	e	e	e	e	g	e	e	e	e	e	e	e	e	e	c
Inner Sound	MeyGen Limited	Tidal	Operational															661.8	660.9	No	Yes	e	e	e	e	e	g	e	e	e	e	e	e	e	e	e	c
Ness of Duncansby	Orbital Projects 6 Limited	Tidal	Pre-planning application															663.2	662.3	No	Yes	e	e	e	e	e	g	e	e	e	e	e	e	e	e	e	c
EMEC Scapa Flow	The European Marine Energy	Wave	Operational															689.5	688.6	No	Yes	e	e	e	e	e	g	e	e	e	e	e	e	e	e	e	c
EMEC Billa Croo	The European Marine Energy	Wave	Operational															690.6	689.7	No	Yes	e	e	e	e	e	g	e	e	e	e	e	e	e	e	e	c
Deer Sound	Orbital Marine Power (Orkney)	Tidal	Operational															700.1	699.2	No	Yes	e	e	e	e	e	g	e	e	e	e	e	e	e	e	e	c
EMEC Shapinsay Sound	The European Marine Energy	Tidal	Operational															702.6	701.7	No	Yes	e	e	e	e	e	g	e	e	e	e	e	e	e	e	e	c
Morlais Orbital O2	Orbital Marine Power	Tidal	Consented															717.2	718.1	No	Yes	e	e	e	e	e	g	e	e	e	e	e	e	e	e	e	c
EMEC Fall of Warness	The European Marine Energy	Tidal	Operational															717.6	716.7	No	Yes	e	e	e	e	e	g	e	e	e	e	e	e	e	e	e	c
Westray South	Orbital Projects 5 Limited	Tidal	Pre-planning application															720.2	719.3	No	Yes	e	e	e	e	e	g	e	e	e	e	e	e	e	e	e	c
Yell Sound Array	Nova Innovation Ltd	Tidal	Pre-planning application															890.7	889.7	No	Yes	e	e	e	e	e	g	e	e	e	e	e	e	e	e	e	c

Offshore Cumulative Effects Assessment Matrix - Oil and Gas Surface and Subsurface - Infrastructure Celtic Sea subsection 7a

					Construction Period (red outline denotes the Proposed development offshore construction period)														Ordered by distance																		
Name	Type	Group	Status	Surface/subsurface	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Distance to the Proposed Development Array Area (km)	Distance to the Proposed Development Cable Corridor and Working Area (km)	ICES Celtic Sea 7a	Coastal Processes	Marine Water and Sediment Quality	Airborne Noise	Benthic Subtidal and Intertidal Ecology	Fish, Shellfish and Sea Turtle Ecology	Marine Mammals	Offshore Ornithology	Offshore Bat Activity	Commercial Fisheries	Shipping and Navigation	Civil and Military Aviation	Seascape, Landscape & Visual Amenity	Marine Archaeology	Infrastructure and Other Users	Air Quality and Climate	Population and Human Health
CONWY PLATFORM	PLATFORM	ENI UK LIMITED	ACTIVE	Surface															168.2	167.2	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
SNAGGING HAZARD -CONC	PROTECTION	ENI UK LIMITED	ACTIVE	Subsurface															168.8	167.9	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
DOUGLAS DA	PLATFORM	ENI UK LIMITED	ACTIVE	Surface															169.6	168.7	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
DOUGLAS DP	PLATFORM	ENI UK LIMITED	ACTIVE	Surface															169.6	168.7	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
DOUGLAS DW	PLATFORM	ENI UK LIMITED	ACTIVE	Surface															169.7	168.8	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
TEE PROTECTION STRUCTU	PROTECTION	GAS NETWORKS IRELAND	ACTIVE	Subsurface															176.2	175.2	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
OSI ANCHOR 6	ANCHOR	ENI UK LIMITED	ACTIVE	Subsurface															177.6	176.6	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
OSI ANCHOR 5	ANCHOR	ENI UK LIMITED	ACTIVE	Subsurface															177.7	176.7	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
OSI ANCHOR 4	ANCHOR	ENI UK LIMITED	ACTIVE	Subsurface															177.7	176.8	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
OSI ANCHOR 7	ANCHOR	ENI UK LIMITED	ACTIVE	Subsurface															178.0	177.1	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
OSI ANCHOR 8	ANCHOR	ENI UK LIMITED	ACTIVE	Subsurface															178.1	177.2	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
OSI ANCHOR 9	ANCHOR	ENI UK LIMITED	ACTIVE	Subsurface															178.2	177.3	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
HAMILTON	PLATFORM	ENI UK LIMITED	ACTIVE	Surface															178.5	177.6	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
PLEM AT OSI	MANIFOLD	ENI UK LIMITED	ACTIVE	Subsurface															178.5	177.5	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
OSI (OFFSHORE STORAGE INST.)	FPSO	ENI UK LIMITED	ACTIVE	Surface															178.5	177.6	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
CALDER	PLATFORM	HARBOUR ENERGY PLC	ACTIVE	Surface															178.9	177.9	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
OSI ANCHOR 3	ANCHOR	ENI UK LIMITED	ACTIVE	Subsurface															179.7	178.8	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
OSI ANCHOR 2	ANCHOR	ENI UK LIMITED	ACTIVE	Subsurface															179.8	178.8	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
OSI ANCHOR 1	ANCHOR	ENI UK LIMITED	ACTIVE	Subsurface															179.8	178.9	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
HAMILTON NORTH	PLATFORM	ENI UK LIMITED	ACTIVE	Surface															180.7	179.8	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
110/02b- 9	WELLHEAD	HARBOUR ENERGY PLC	NOT IN USE	Subsurface															181.1	180.1	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
DALTON WELLHEAD PROTE	PROTECTION	HARBOUR ENERGY PLC	ACTIVE	Subsurface															181.1	180.1	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
110/02b-R1	WELLHEAD	HARBOUR ENERGY PLC	NOT IN USE	Subsurface															181.7	180.7	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
DALTON WELLHEAD PROTE	PROTECTION	HARBOUR ENERGY PLC	ACTIVE	Subsurface															181.7	180.7	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
DALTON PLEM	MANIFOLD	HARBOUR ENERGY PLC	ACTIVE	Subsurface															181.7	180.7	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
DALTON PLEM	MANIFOLD	HARBOUR ENERGY PLC	ACTIVE	Subsurface															181.7	180.7	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
HAMILTON EAST MANIFOL	MANIFOLD	ENI UK LIMITED	ACTIVE	Subsurface															182.1	181.1	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
MILLOM WEST PLATFORM	PLATFORM	SPIRIT ENERGY	NOT IN USE	Surface															183.2	182.2	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
MILLOM WEST	PLATFORM	HARBOUR ENERGY PLC	ACTIVE	Surface															183.2	182.2	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
SOUTH MORECAMBE DP6	PLATFORM	SPIRIT ENERGY	ACTIVE	Surface															184.8	183.8	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
DP6 PLATFORM	PLATFORM	SPIRIT ENERGY	ACTIVE	Surface															184.8	183.8	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
SOUTH MORECAMBE DP3	PLATFORM	SPIRIT ENERGY	ABANDONED	Surface															185.0	184.0	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
WELL 110/3-3	WELLHEAD	SPIRIT ENERGY	REMOVED	Subsurface															185.1	184.1	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
SOUTH MORECAMBE AP1	PLATFORM	SPIRIT ENERGY	ACTIVE	Surface															185.6	184.6	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
ACOMMODATION PLATFORM AP1	PLATFORM	SPIRIT ENERGY	ACTIVE	Surface															185.6	184.6	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
SOUTH MORECAMBE CPP1	PLATFORM	SPIRIT ENERGY	ACTIVE	Surface															185.7	184.7	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
CENTRAL PRODUCTION PLTFM CPP1	PLATFORM	SPIRIT ENERGY	ACTIVE	Surface															185.7	184.7	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
SOUTH MORECAMBE FL1	PLATFORM	SPIRIT ENERGY	ACTIVE	Surface															185.7	184.7	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
FLARE TRIPOD	PLATFORM	SPIRIT ENERGY	ACTIVE	Surface															185.7	184.7	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
WELL 110/2A-7	WELLHEAD	SPIRIT ENERGY	REMOVED	Subsurface															185.8	184.8	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
SOUTH MORECAMBE DP1	PLATFORM	SPIRIT ENERGY	ACTIVE	Surface															185.8	184.8	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
DRILLING PLATFORM DP1	PLATFORM	SPIRIT ENERGY	ACTIVE	Surface															185.8	184.8	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
DP8 PLATFORM	PLATFORM	SPIRIT ENERGY	ACTIVE	Surface															186.2	185.2	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
SOUTH MORECAMBE DP8	PLATFORM	SPIRIT ENERGY	ACTIVE	Surface															186.2	185.2	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
MILLOM EAST PLEM	MANIFOLD	SPIRIT ENERGY	ACTIVE	Subsurface															186.4	185.5	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
MILLOM PLEM	WELLHEAD	HARBOUR ENERGY PLC	ACTIVE	Subsurface															186.5	185.5	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
Q1 WELLHEAD	WELLHEAD	HARBOUR ENERGY PLC	NOT IN USE	Subsurface															186.5	185.5	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
MILLOM WELLHEAD PROTE	PROTECTION	HARBOUR ENERGY PLC	ACTIVE	Subsurface															186.5	185.5	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
MILLOM WELLHEAD PROTE	PROTECTION	HARBOUR ENERGY PLC	ACTIVE	Subsurface															186.6	185.6	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
Q2 WELLHEAD	WELLHEAD	HARBOUR ENERGY PLC	NOT IN USE	Subsurface															186.6	185.6	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
Q3 WELLHEAD	WELLHEAD	HARBOUR ENERGY PLC	NOT IN USE	Subsurface															186.6	185.7	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
MILLOM WELLHEAD PROTE	PROTECTION	HARBOUR ENERGY PLC	ACTIVE	Subsurface															186.7	185.7	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
WELL 110/2A-12	WELLHEAD	SPIRIT ENERGY	REMOVED	Subsurface															187.4	186.5	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
NORTH MORECAMBE DPPA	PLATFORM	SPIRIT ENERGY	ACTIVE	Surface															188.1	187.1	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
NORTH MORCAMBE PLATFORM	PLATFORM	SPIRIT ENERGY	ACTIVE	Surface															188.1	187.1	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
DP4 PLATFORM	PLATFORM	SPIRIT ENERGY	ABANDONED	Surface															188.5	187.6	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
WHITEHAVEN WELLHEAD 1	WELLHEAD	SPIRIT ENERGY	REMOVED	Subsurface															193.4	192.5	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
BAINS WELL	WELLHEAD	HARBOUR ENERGY PLC	ACTIVE	Subsurface															193.8	192.8	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
BAINS WELLHEAD PROTECT	PROTECTION	SPIRIT ENERGY	REMOVED	Subsurface															193.8	192.8	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
RHYL NORTH WELLHEAD 1	WELLHEAD	SPIRIT ENERGY	ACTIVE	Subsurface															196.0	195.0	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
RHYL SUBSEA WELL	WELLHEAD	SPIRIT ENERGY	ACTIVE	Subsurface															196.0	195.0	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
LENNOX	PLATFORM	ENI UK LIMITED	ACTIVE	Surface															198.2	197.3	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
SNIP	ROCK DUMP	MUTUAL ENERGY LIMITED	ACTIVE	Subsurface															235.4	234.5	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g

Offshore Cumulative Effects Assessment Matrix - Offshore Wind - MMMU

Project	Developer	Status	Region	Construction Period (red outline denotes the Proposed Development offshore construction period) 2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Ordered by distance: Distance to the Proposed Development Array Area (km)	Distance to the Proposed Development Cable Corridor and Working Area (km)	Project located within ICES Celtic Sea 7a	ICES Celtic Sea	MMMU	Coastal Processes	Marine Water and Sediment Quality	Airborne Noise	Benthic Subtidal and Intertidal Ecology	Fish, Shellfish and Sea Turtle Ecology	Marine Mammals	Offshore Ornithology	Offshore Bat Activity	Commercial Fisheries	Shipping and Navigation	Civil and Military Aviation	Seascape, Landscape & Visual Amenity	Marine Archaeology	Infrastructure and Other Users	Air Quality and Climate	Population and Human Health
Arklow Bank Wind Park 1	GE Energy	Operational	Ireland															0.0	0.5	Yes	Yes	Yes	b	b	c	b	b	ga	b	b	a	a	b	a	a	a	ga	c
Codling Wind Park	Fred. Olsen Seawind, EDF Energies	Pre-planning application	Ireland															10.3	9.4	Yes	Yes	Yes	c	c	c	c	c	c	c	c	c	c	c	c	c	c	ga	c
Dublin Array	RWE	Pre-planning application	Ireland															25.8	24.9	Yes	Yes	Yes	e	e	ga	c	c	c	c	c	c	c	c	c	c	c	ga	c
North Irish Sea Array	Statkraft	Pre-planning application	Ireland															65.1	64.1	Yes	Yes	Yes	e	e	ga	e	c	c	c	c	c	ga	ga	e	e	e	ga	c
Oriel	Oriel Windfarm Limited,Parkwind NV,ESB	Pre-planning application	Ireland															108.1	107.2	Yes	Yes	Yes	e	e	ga	e	e	c	c	c	c	ga	ga	e	e	ga	ga	c
Erebus Floating Wind Demo	Simply Blue Energy & Total Energy	Consented	England/Wales															133.3	132.7	No	Yes	Yes	e	e	ga	e	e	c	c	e	c	ga	ga	e	e	ga	ga	c
Valorous	Blue Gem Wind Ltd	Pre-planning application	England/Wales															141.9	141.3	No	Yes	Yes	e	e	ga	e	e	c	c	e	c	ga	ga	e	ga	ga	ga	c
Mona	EnBW and BP	Planning application submitted	England/Wales															146.7	145.7	Yes	Yes	Yes	e	e	ga	e	e	c	c	e	c	ga	ga	e	ga	ga	ga	c
Llyr 1	Llyr 1 Cierco Ltd.,SBM Offshore N.V.	Pre-planning application	England/Wales															148.0	147.3	No	Yes	Yes	e	e	ga	e	e	c	f	e	e	ga	ga	e	ga	ga	ga	c
Awel y Môr	RWE Renewables	Consented	England/Wales															148.5	147.6	Yes	Yes	Yes	e	e	ga	e	e	c	c	e	c	ga	ga	e	ga	ga	ga	c
Llyr 2	Llyr 2 Cierco Ltd.,SBM Offshore N.V.	Pre-planning application	England/Wales															151.9	151.2	No	Yes	Yes	e	e	ga	e	e	c	f	e	e	ga	ga	e	ga	ga	ga	c
Rhyl Flats	RWE Npower	Operational	England/Wales															156.3	155.5	No	No	Yes	e	e	ga	e	e	ga	b	e	a	ga	ga	e	ga	ga	ga	c
Gwynt y Mor	RWE	Operational	England/Wales															159.0	158.1	Yes	Yes	Yes	e	e	ga	e	e	ga	b	e	a	ga	ga	e	ga	ga	ga	c
Morgan	EnBW and BP	Pre-planning application	England/Wales															165.3	164.3	Yes	Yes	Yes	e	e	ga	e	e	c	c	e	c	ga	ga	e	ga	ga	ga	c
North Hoyle	Greencoat	Operational	England/Wales															170.9	170.1	Yes	Yes	Yes	e	e	ga	e	e	ga	b	e	a	ga	ga	e	ga	ga	ga	c
Morecambe	Cobra & Flotation Energy	Pre-planning application	England/Wales															174.2	173.3	Yes	Yes	Yes	e	e	ga	e	e	c	c	e	c	ga	ga	e	ga	ga	ga	c
White Cross	White Cross Flotation Energy plc,COBRA INSTALACIONES Y SERVICIOS, S.A.	Planning application submitted	England/Wales															174.7	174.0	No	Yes	Yes	e	e	ga	e	e	c	f	e	e	ga	ga	e	ga	ga	ga	c
Isle of Man (Mooir Vannin)	Orsted & Isle of Man Government	Pre-planning application	Isle of Man															179.2	178.2	Yes	Yes	Yes	e	e	ga	e	e	c	f	e	c	ga	ga	e	ga	ga	ga	c
Burbo Bank Extension	Ørsted	Operational	England/Wales															180.6	179.8	Yes	Yes	Yes	e	e	ga	e	e	ga	b	e	a	ga	ga	e	ga	ga	ga	c
Walney Extension 3	Ørsted	Operational	England/Wales															187.1	186.1	Yes	Yes	Yes	e	e	ga	e	e	ga	b	e	a	ga	ga	e	ga	ga	ga	c
Walney Extension 4	Walney Extension Limited	Operational	England/Wales															189.5	188.5	Yes	Yes	Yes	e	e	ga	e	e	ga	b	e	a	ga	ga	e	ga	ga	ga	c
Burbo Bank	Ørsted	Operational	England/Wales															189.9	189.0	Yes	Yes	Yes	e	e	ga	e	e	ga	b	e	a	ga	ga	e	ga	ga	ga	c
Walney 2	Ørsted	Operational	England/Wales															196.5	195.5	Yes	Yes	Yes	e	e	ga	e	e	ga	b	e	a	ga	ga	e	ga	ga	ga	c
West of Duddon Sands	Scottish Power Renewables & Ørsted	Operational	England/Wales															196.9	195.9	Yes	Yes	Yes	e	e	ga	e	e	ga	b	e	a	ga	ga	e	ga	ga	ga	c
Walney 1	Ørsted	Operational	England/Wales															199.1	198.1	Yes	Yes	Yes	e	e	ga	e	e	ga	b	e	a	ga	ga	e	ga	ga	ga	c
North Channel Wind 2	North Channel Wind 2	Pre-planning application	Northern Ireland															204.0	203.1	Yes	Yes	Yes	e	e	ga	e	e	c	f	e	c	ga	ga	e	ga	ga	ga	c
Ormonde	Vattenfall	Operational	England/Wales															207.4	206.4	Yes	Yes	Yes	e	e	ga	e	e	ga	b	e	a	ga	ga	e	ga	ga	ga	c
Barrow	Ørsted	Operational	England/Wales															208.6	207.6	Yes	Yes	Yes	e	e	ga	e	e	ga	b	e	a	ga	ga	e	ga	ga	ga	c
North Channel Wind 1	North Channel Wind 1	Pre-planning application	Northern Ireland															227.9	227.0	Yes	Yes	Yes	e	e	ga	e	e	c	f	e	c	ga	ga	e	ga	ga	ga	c
Robin Rigg West	E.ON UK	Operational	Scotland															247.3	246.3	No	No	Yes	e	e	ga	e	e	ga	b	e	a	ga	ga	e	ga	ga	ga	c
Robin Rigg East	E.ON UK	Operational	Scotland															249.9	248.9	Yes	Yes	Yes	e	e	ga	e	e	ga	b	e	a	ga	ga	e	ga	ga	ga	c
TwinHub	Hexicon	Consented	England/Wales															256.2	255.6	No	Yes	Yes	e	e	ga	e	e	c	c	e	e	ga	ga	e	ga	ga	ga	c
Sceirde Rocks	Fuinneamh Sceirde Teoranta / GIG	Pre-planning application	Ireland															264.3	254.1	No	Yes	Yes	e	e	ga	e	e	c	ga	e	e	ga	ga	e	ga	ga	ga	c
Shearwater One	Shearwater energy limited	Pre-planning application	Scotland															310.7	309.8	No	No	Yes	e	e	ga	e	e	c	f	e	e	ga	ga	e	ga	ga	ga	c
Atlantic Marine Energy Test Site	Sustainable Energy Authority of Ireland (SEAI)	Consented	Ireland															314.3	308.8	No	Yes	Yes	e	e	ga	e	e	c	ga	e	e	ga	ga	e	ga	ga	ga	c
Machair	MachairWind SPR Ltd.	Pre-planning application	Scotland															326.0	325.1	No	Yes	Yes	e	e	ga	e	e	f	f	e	e	ga	ga	e	ga	ga	ga	c
Teesside	EDF Energy - Northern Offshore Windfarm Ltd	Operational	England/Wales															369.1	368.1	No	No	Yes	e	e	ga	e	e	ga	ga	e	e	ga	ga	e	ga	ga	ga	e
Blyth	Blyth Harbor Wind Ltd	Operational	England/Wales															379.6	378.6	No	No	Yes	e	e	ga	e	e	ga	ga	e	e	ga	ga	e	ga	ga	ga	e
Blyth Demo Phase 1	EDF Energy Renewables	Operational	England/Wales															382.9	382.0	No	No	Yes	e	e	ga	e	e	ga	ga	e	e	ga	ga	e	ga	ga	ga	e
Blyth Demonstration Site	EDF Energy Renewables	Consented	England/Wales															388.5	387.5	No	No	Yes	e	e	ga	e	e	ga	ga	e	e	ga	ga	e	ga	ga	ga	e
Forthwind	Cierco	Consented	Scotland															405.9	404.9	No	No	Yes	e	e	ga	e	e	ga	ga	e	e	ga	ga	e	ga	ga	ga	e
Methil Demo/Levenmouth	ORE Catapult Ltd	Operational	Scotland															407.5	406.5	No	No	Yes	e	e	ga	e	e	ga	ga	e	e	ga	ga	e	ga	ga	ga	e
Westermost Rough	Ørsted	Operational	England/Wales															410.5	409.7	No	No	Yes	e	e	ga	e	e	ga	ga	e	e	ga	ga	e	ga	ga	ga	e

Humber Gateway	E.ON Humber Wind Ltd / Balfour Beatty Investments and Equitix.	Operational	England/Wales															418.1	417.3	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Lynn	XceCo	Operational	England/Wales															424.9	424.2	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Inner Dowsing	XceCo	Operational	England/Wales															425.2	424.5	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Lincs	Ørsted	Operational	England/Wales															426.5	425.8	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Neart Na Gaoithe	Mainstream Renewable Power	Consented	Scotland															435.4	434.4	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Triton Knoll	Innogy	Operational	England/Wales															444.6	443.8	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Rampion	E.ON UK	Operational	England/Wales															445.7	445.0	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Berwick Bank	Scottish Southern Energy Renewables	Planning application submitted	Scotland															446.4	445.4	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Race Bank	Ørsted / Macquarie Group	Operational	England/Wales															448.3	447.5	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Rampion 2	Rampion 2 OWF	Planning application submitted	England/Wales															450.7	450.0	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Inch Cape	Red Rock Power (ICOL)	Under construction	Scotland															456.4	455.4	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Outer Dowsing	Green Investment Group - Total	Planning application submitted	England/Wales															465.5	464.7	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Sheringham Shoal Extension	Equinor	Pre-planning application	England/Wales															465.5	464.8	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Sheringham Shoal	Equinor	Planning application submitted	England/Wales															468.5	467.7	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Centre-Manche 1	EDF and Maple Power	Pre-planning application	France															468.9	468.2	No	No	Yes	e	e	g	e	e	c	f	e	e	g	g	e	g	g	g	e
Seagreen Phase 1	SSE / Seagreen Wind Energy Ltd	Operational	Scotland															474.6	473.6	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Dudgeon Extension	Equinor	Planning application submitted	England/Wales															475.2	474.5	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Hornsea Project Four	Ørsted	Consented	England/Wales															476.4	475.5	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Centre-Manche 2	TBC	Pre-planning application	France															476.8	476.1	No	No	Yes	e	e	g	e	e	c	f	e	e	g	g	e	g	g	g	e
Saint-Brieuc	Iberdrola	Under construction	France															480.6	479.9	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Dudgeon	Statoil / Statkraft	Operational	England/Wales															484.7	484.0	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Kentish Flats Extension	Vattenfall	Operational	England/Wales															498.0	497.4	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Kentish Flats	Vattenfall	Operational	England/Wales															499.3	498.7	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Hornsea Project Two	Ørsted	Operational	England/Wales															499.3	498.5	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Gunfleet Sands I	Ørsted	Operational	England/Wales															499.5	499.0	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Gunfleet Sands Demo	Ørsted	Operational	England/Wales															499.7	499.2	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Gunfleet Sands II	Ørsted	Operational	England/Wales															501.1	500.6	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Dogger Bank South (West)	RWE Renewables	Pre-planning application	England/Wales															504.9	504.0	No	No	Yes	e	e	g	e	e	c	f	e	e	g	g	e	g	g	g	e
Hornsea Project One	Ørsted	Operational	England/Wales															512.3	511.5	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Morven	Morven BP E1	Pre-planning application	Scotland															514.6	513.6	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Courseulles-sur-mer	Éolien Maritime France	Under construction	France															515.1	514.4	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
London Array	Siemens Gamesa Renewable Energy	Operational	England/Wales															517.1	516.6	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Scroby Sands	E.ON UK	Operational	England/Wales															518.0	517.4	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Kincardine	Grupo Cobra	Operational	Scotland															520.4	519.4	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Fécamp	Éolien Maritime France	Under construction	France															527.1	526.5	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Bowdun	Cluaran Deas Ear DEME E3	Pre-planning application	Scotland															528.0	527.0	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Dogger Bank South (East)	RWE Renewables	Pre-planning application	England/Wales															530.3	529.4	No	No	Yes	e	e	g	e	e	c	f	e	e	g	g	e	g	g	g	e
Dogger Bank - Creyke Beck B	SSE / Equinor	Under construction	England/Wales															530.9	530.0	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Ossian	SSE Renewables-Marubeni-CIP E1	Pre-planning application	Scotland															533.7	532.7	No	No	Yes	e	e	g	e	e	f	f	e	e	g	g	e	g	g	g	e
Thanet	Vattenfall	Operational	England/Wales															534.3	533.7	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Dogger Bank - Creyke Beck A	SSE / Equinor	Under construction	England/Wales															535.5	534.6	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Aberdeen (EOWDC)	Vattenfall	Operational	Scotland															536.2	535.3	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
North Falls	North Falls Offshore Wind Farm Limited	Pre-planning application	England/Wales															536.8	536.3	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Greater Gabbard	Airtricity / Fluor Ltd	Operational	England/Wales															538.8	538.3	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Galloper	RWE Npower Renewables	Operational	England/Wales															543.7	543.2	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
East Anglia Two	Scottish Power Renewables	Consented	England/Wales															548.4	547.8	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Hornsea Project Three	Ørsted	Consented	England/Wales															550.6	549.7	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Norfolk Vanguard West	RWE (formerly Vattenfall / Scottish Power Renewables)	Consented	England/Wales															551.6	550.9	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Five Estuaries	Five Estuaries Offshore Wind Farm Limited	Planning application submitted	England/Wales															553.3	552.8	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e

East Anglia One North	Scottish Power Renewables	Consented	England/Wales	556.0	555.4	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Dieppe Le Tréport	Ocean Winds	Consented	France	561.4	560.7	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Dogger Bank - Teesside B (Sofia)	RWE Renewables UK Limited	Under construction	England/Wales	565.3	564.3	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Bellrock	Bellrock Falck Renewables E1	Pre-planning application	Scotland	565.9	564.9	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
East Anglia ONE	Scottish Power Renewables	Operational	England/Wales	569.4	568.8	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Hywind	Statoil	Operational	Scotland	581.7	580.7	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Norfolk Vanguard East	RWE (formerly Vattenfall / Scottish Power Renewables)	Consented	England/Wales	582.4	581.7	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
East Anglia Three	Scottish Power Renewables	Under construction	England/Wales	583.4	582.7	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
BP	BP Alternative Energy Investments	Pre-planning application	Scotland	588.0	587.0	No	No	Yes	e	e	g	e	e	f	f	e	e	g	g	e	g	g	g	e
Dunkerque	EDF	Pre-planning application	France	590.0	589.5	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Moray West	EDPR	Under construction	Scotland	591.3	590.3	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Muir Mhòr	Muir Mhòr Fred Olsen E2	Pre-planning application	Scotland	597.7	596.7	No	No	Yes	e	e	g	e	e	c	f	e	e	g	g	e	g	g	g	e
Salamander	Simply Blue Energy (Scotland)	Pre-planning application	Scotland	598.4	597.4	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Groix et Belle-Île	Eolfi	Operational	France	600.2	599.6	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Dogger Bank C - Teesside A	SSE / Equinor	Under construction	England/Wales	600.8	599.9	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Campion	CampionWind Shell Wind Energy SPR E2	Pre-planning application	Scotland	600.9	599.9	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Northwester 2	Parkwind	Operational	Belgium	603.2	602.7	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Moray East	Diamond Green Limited, CTG & Ocean Winds	Operational	Scotland	603.5	602.6	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Borssele	Orsted	Operational	Netherlands	604.8	604.3	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Borssele Kavel IV	Blauwwind	Operational	Netherlands	604.8	604.3	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
OWF Borssele IV	Blauwwind	Operational	Netherlands	604.8	604.3	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Spiorad na Mara	Northland Power N4	Pre-planning application	Scotland	605.0	604.1	No	No	Yes	e	e	g	e	e	c	f	e	e	g	g	e	g	g	g	c
Caledonia	Caledonia Offshore Wind Farm Ocean WInds NE4	Pre-planning application	Scotland	606.6	605.7	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Belwind phase 2 (Nobelwind)	Belwind Offshore Energy	Operational	Belgium	607.2	606.7	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Belwind phase 1	Belwind Offshore Energy	Operational	Belgium	608.1	607.6	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Sud de la Bretagne	RTE	Pre-planning application	France	608.3	607.6	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Cedar	Cerulean Winds	Pre-planning application	Scotland	608.7	607.7	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Seamade	Otary	Pre-planning application	Belgium	611.4	610.9	No	Yes	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Beatrice	Scottish & Southern Energy (SSE) / Repsol / CIP	Operational	Scotland	613.2	612.3	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
IJmuiden Ver	TenneT	Pre-planning application	Netherlands	613.8	613.2	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
OWF Borssele III	Blauwwind	Operational	Netherlands	614.7	614.2	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Northwind	Colruyt Group and Aspiravi Offshore	Operational	Belgium	615.1	614.6	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Rentel	Otary	Operational	Belgium	617.3	616.8	Yes	Yes	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
OWF Borssele I	Orsted	Operational	Netherlands	618.3	617.8	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
C-Power (Zone A)	Blue Cluster	Operational	Belgium	618.5	618.0	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Borssele Kavel V	Blauwwind	Operational	Netherlands	620.6	620.1	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Norther	Elicio NV, Eneco Wind Belgium SA and Diamond Generating Europe BV	Operational	Belgium	623.1	622.6	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Hollandse Kust F	Vattenfall	Under construction	Netherlands	623.5	622.9	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
OWF Borssele II	Orsted	Operational	Netherlands	624.7	624.1	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Broadshore	Broadshore BlueFloat, Falck Renewables Ltd. NE6	Pre-planning application	Scotland	632.1	631.2	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Aspen	Cerulean Winds	Pre-planning application	Scotland	633.6	632.7	No	No	Yes	e	e	g	e	e	f	f	e	e	g	g	e	g	g	g	e
Green Volt	Flotation Energy	Pre-planning application	Scotland	635.0	634.0	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Hollandse Kust (West)	Ecowende	Consented	Netherlands	642.3	641.6	No	No	Yes	e	e	g	e	e	f	f	e	e	g	g	e	g	g	g	e
Scaraben	Bluefloat Energy/Renanis Partnership	Pre-planning application	Scotland	644.7	643.8	No	No	Yes	e	e	g	e	e	f	f	e	e	g	g	e	g	g	g	e
Sinclair	Bluefloat Energy/Renanis Partnership	Pre-planning application	Scotland	646.3	645.3	No	Yes	Yes	e	e	g	e	e	f	f	e	e	g	g	e	g	g	g	e
Talisk	Magnora-Technip N3	Pre-planning application	Scotland	646.7	645.8	No	Yes	Yes	e	e	g	e	e	c	f	e	e	g	g	e	g	g	g	c

Pentland Floating	Hexicon AB / COP	Consented	Scotland	649.3	648.5	No	Yes	Yes	e	e	g	e	e	c	f	e	e	g	g	e	g	g	g	c
Cenos	Flotation Energy	Pre-planning application	Scotland	649.6	648.6	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Saint-Nazaire	Éolien Maritime France	Operational	France	652.1	651.4	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Marram	MaramWind SPR Shell Wind Ltd. NE7	Pre-planning application	Scotland	652.4	651.4	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Havbredey	Northland Power N2	Pre-planning application	Scotland	653.3	652.4	No	Yes	Yes	e	e	g	e	e	g	f	e	e	g	g	e	g	g	g	c
Stromar	Stromar BlueFloat Energy,Falck Renewables Limited,Ørsted A/S NE3	Pre-planning application	Scotland	653.9	652.9	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
West of Orkney	West of Orkney Total Energies N1	Pre-planning application	Scotland	659.0	658.1	No	Yes	Yes	e	e	g	e	e	c	f	e	e	g	g	e	g	g	g	c
Buchan	Floating Energy Allyance Elicio nv, Baywar r.e., BW Ideol NE8	Pre-planning application	Scotland	661.1	660.1	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Hollandse Kust (Zuid)	Vattenfall	Under construction	Netherlands	668.2	667.6	No	No	Yes	e	e	g	e	e	c	e	e	e	g	g	e	g	g	g	e
Harbour Energy South	Harbour Energy	Pre-planning application	Scotland	668.3	667.3	No	No	Yes	e	e	g	e	e	f	f	e	e	g	g	e	g	g	g	e
Hollandse Kust (Noord)	Eneco	Operational	Netherlands	677.3	676.7	No	No	Yes	e	e	g	e	e	c	e	e	e	g	g	e	g	g	g	e
OWF Luchterduinen	Eneco	Operational	Netherlands	680.4	679.8	No	No	Yes	e	e	g	e	e	g	e	e	e	g	g	e	g	g	g	e
OWF Prinses Amalia	Eneco	Operational	Netherlands	681.5	680.9	No	No	Yes	e	e	g	e	e	g	e	e	e	g	g	e	g	g	g	e
Iles d'Yeu et de Noirmoutier	Eoliennes en Mer des îles d'Yeu et de Noirmoutier	Consented	France	682.7	682.0	No	No	Yes	e	e	g	e	e	c	e	e	e	g	g	e	g	g	g	e
Culzean	TotalEnergies E&P UK	Pre-planning application	Scotland	686.6	685.6	No	No	Yes	e	e	g	e	e	f	f	e	e	g	g	e	g	g	g	e
Ayre	Cluaran Ear-Thuath NE2	Pre-planning application	Scotland	690.5	689.5	No	Yes	Yes	e	e	g	e	e	c	f	e	e	g	g	e	g	g	g	c
OWF Egmond aan Zee	Shell	Operational	Netherlands	692.1	691.4	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Harbour Energy North	Harbour Energy	Pre-planning application	Scotland	711.9	710.9	No	No	Yes	e	e	g	e	e	f	f	e	e	g	g	e	g	g	g	e
Beech	Cerulean Winds	Pre-planning application	Scotland	721.0	720.0	No	No	Yes	e	e	g	e	e	c	f	e	e	g	g	e	g	g	g	e
Ten Noorden van de Wadden	TenneT	Pre-planning application	Netherlands	748.6	747.8	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
N-9.3	Not available	Pre-planning application	Germany	772.8	772.0	No	No	Yes	e	e	g	e	e	c	f	e	e	g	g	e	g	g	g	e
N-9.1	Not available	Pre-planning application	Germany	778.4	777.6	No	No	Yes	e	e	g	e	e	c	f	e	e	g	g	e	g	g	g	e
N-9.4	Not available	Pre-planning application	Germany	782.9	782.1	No	No	Yes	e	e	g	e	e	c	f	e	e	g	g	e	g	g	g	e
N-6.7	Not available	Pre-planning application	Germany	783.9	783.1	No	No	Yes	e	e	g	e	e	c	f	e	e	g	g	e	g	g	g	e
Deutsche Bucht	Northland Power	Operational	Germany	785.4	784.6	No	No	Yes	e	e	g	e	e	f	f	e	e	g	g	e	g	g	g	e
ZeeEnergie / Gemini II	Northland Power	Operational	Netherlands	787.3	786.5	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Veja Mate	Veja Mate Offshore Project	Operational	Germany	790.5	789.7	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
N-6.6	Not available	Pre-planning application	Germany	790.7	789.9	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
N-9.2	Not available	Pre-planning application	Germany	791.8	791.0	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
BARD Offshore 1	Ocean Breeze Energy	Operational	Germany	798.1	797.3	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Buitengaats / Gemini I	northland Power	Operational	Netherlands	798.9	798.1	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
N-10.2	Not available	Pre-planning application	Germany	799.0	798.2	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Borkum Riffgrund 3	Orsted	Under construction	Germany	804.7	803.9	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Sud Atlantique	RTE	Pre-planning application	France	805.4	804.7	No	No	Yes	e	e	g	e	e	f	g	e	e	g	g	e	g	g	g	e
Nordsren III vest	RWE	Pre-planning application	Denmark	807.8	806.9	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
N-10.1	Not available	Pre-planning application	Germany	808.1	807.2	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
N-7.2	Not available	Pre-planning application	Germany	809.7	808.9	No	No	Yes	e	e	g	e	e	c	f	e	e	g	g	e	g	g	g	e
EnBW He Dreiht	EnBW	Consented	Germany	811.0	810.2	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Albatros	EnBW	Operational	Germany	817.7	816.9	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
EnBW Hohe See	EnBW	Operational	Germany	820.9	820.1	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
GlobalTech I	Global Tech I Offshore Wind GmbH	Operational	Germany	825.3	824.5	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Riffgat	EWE	Operational	Germany	826.4	825.7	Yes	Yes	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Trianel Windpark Borkum Phase 2	Trianel	Operational	Germany	826.7	825.9	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Borkum Riffgrund 2	Orsted	Operational	Germany	826.7	825.9	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Trianel Windpark Borkum Phase 1	Trianel	Operational	Germany	826.9	826.1	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e

Nordsren II vest	Equinor	Pre-planning application	Denmark															829.8	828.9	No	No	Yes	e	e	g	e	e	c	f	e	e	g	g	e	g	g	g	e
Borkum Riffgrund 1	Orsted	Operational	Germany															831.2	830.4	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Merkur Offshore (MEG Offshore I)	GE Renewable Energy	Operational	Germany															832.3	831.5	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Alpha Ventus	Deutsche Offshore-Testfeld und Infrastruktur-GmbH & Co. KG	Operational	Germany															838.1	837.3	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Nordsee One	GmBH	Operational	Germany															848.0	847.2	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
N-3.6	Not available	Pre-planning application	Germany															848.2	847.4	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
N-3.5	Not available	Pre-planning application	Germany															852.5	851.7	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
N-3.8	Not available	Pre-planning application	Germany															853.6	852.8	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Gode Wind 01	Orsted	Operational	Germany															860.9	860.1	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Gode Wind 02	Orsted	Operational	Germany															861.5	860.7	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
N-3.7	Not available	Pre-planning application	Germany															866.2	865.4	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Arven	Mainstream Renewable Power / OceanWinds	Pre-planning application	Scotland															868.3	867.3	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Nordsren III	Not available	Pre-planning application	Denmark															868.4	867.5	No	No	Yes	e	e	g	e	e	f	f	e	e	g	g	e	g	g	g	e
Gode Wind 3	Orsted	Consented	Germany															869.0	868.2	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Sandbank	Vattenfall	Operational	Germany															870.7	869.8	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Nordsøen I	Not available	Pre-planning application	Denmark															885.5	884.6	No	No	Yes	e	e	g	e	e	f	f	e	e	g	g	e	g	g	g	e
Dan Tysk		Operational	Germany															889.6	888.7	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Stoura	ESB Asset Development	Pre-planning application	Scotland															906.2	905.3	No	Yes	Yes	e	e	g	e	e	f	f	e	e	g	g	e	g	g	g	e
Meerwind Sued/Ost	WindMW	Operational	Germany															909.3	908.5	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Nordsee Ost	RWE	Operational	Germany															909.7	908.9	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Kaskasi II	rWE	Operational	Germany															910.6	909.8	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Amrumbank West	E.ON Climate & Renewables	Operational	Germany															910.9	910.0	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Horns Rev II	Orsted	Operational	Denmark															923.8	922.9	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Butendiek	WPD	Operational	Germany															924.3	923.5	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Horns Rev III	Vattenfall	Operational	Denmark															928.7	927.8	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Thor	RWE	Pre-planning application	Denmark															933.1	932.2	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Horns Rev I	Vattenfall	Operational	Denmark															937.7	936.8	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Nordergruende	WPD	Operational	Germany															940.3	939.5	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Vesterhav Syd	Vattenfall	Operational	Denmark															961.1	960.2	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Vesterhav Nord	Vattenfall	Construction	Denmark															981.8	980.9	No	No	Yes	e	e	g	e	e	c	g	e	e	g	g	e	g	g	g	e
Renland	Harboøre Møllelaug I/S	Operational	Denmark															998	997	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Nissum Bredning	Jysk Energy & Nissum Brednings	Operational	Denmark															999.3	998.4	No	No	Yes	e	e	g	e	e	g	g	e	e	g	g	e	g	g	g	e
Jammerland Bay Nearshore Wind Farm	European Energy	Pre-planning application	Denmark															1069.2	1068.3	No	No	Yes	e	e	g	e	e	f	f	e	e	g	g	e	g	g	g	e

Offshore Cumulative Effects Assessment Matrix - Subsea Cables - Celtic Sea Region

Name	Company	Type	Status	Construction Period (red outline denotes the Proposed Development offshore construction period) 2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Ordered by distance: Distance to the Proposed Development Array Area (km)	Distance to the Proposed Development Cable Corridor and Working Area (km)	ICES Celtic Sea 7a	ICES Celtic Sea	Coastal Processes	Marine Water and Sediment Quality	Airborne Noise	Benthic-Subtidal and Intertidal Ecology	Fish, Shellfish and Sea Turtle Ecology	Marine Mammals	Offshore Ornithology	Offshore Bat Activity	Commercial Fisheries	Shipping and Navigation	Civil and Military Aviation	Seascape, Landscape & Visual Amenity	Marine Archaeology	Infrastructure and Other Users	Air Quality and Climate	Population and Human Health
Arklow Phase 1 Power Cable	GE	Power	Active															0.0	0.0	Yes	Yes	b	b	g	b	b	d	g	a	a	g	e	g	a	a	a	c
HIBERNIA ATLANTIC	HIBERNIA ATLANTIC	Telecom	Active															15.4	14.8	Yes	Yes	b	b	g	c	b	d	g	e	a	g	g	g	e	e	g	c
Mares Connect	Foresight Group's energy transition fund, Foresight Energy Infrastructure Partners and Etchea Energy	Power	Proposed															37.5	36.6	Yes	Yes	e	e	g	e	c	c	g	e	c	g	g	g	g	e	g	c
UK-IRELAND 2 CROSSING	CENTURY LINK	Telecom	Active															39.0	38.4	Yes	Yes	e	e	g	e	b	d	g	e	a	g	g	g	g	g	g	c
ESAT 2	BT	Telecom	Active															46.3	45.4	Yes	Yes	e	e	g	e	b	d	g	e	a	g	g	g	g	g	g	c
CeltixConnect - Sea Fibre Networks	AQUACOMMS	Telecom	In Construction															49.2	48.3	Yes	Yes	e	e	g	e	c	c	g	e	c	g	g	g	g	g	g	c
HIBERNIA 'C'	Hibernia Atlantic	Telecom	Active															54.8	53.9	Yes	Yes	e	e	g	e	b	d	g	e	a	g	g	g	a	a	g	c
ZAYO Emerald Bridge One	ZAYO	Telecom	Active															58.5	57.6	Yes	Yes	e	e	g	e	b	d	g	e	a	g	g	g	a	a	g	c
BT-TE1	BT	Telecom	Disused															58.6	57.7	Yes	Yes	e	e	g	e	b	d	g	e	a	g	g	g	g	g	g	c
SIRIUS SOUTH	Virgin Media	Telecom	Active															58.7	57.8	Yes	Yes	e	e	g	e	b	d	g	e	a	g	g	g	g	g	g	c
Rockabill Telecoms Cable	EUNETWORKS	Telecom	Active															64.9	64.0	Yes	Yes	e	e	g	e	b	d	g	e	a	g	g	g	g	g	g	c
UK-IRELAND CROSSING 1	CENTURY LINK	Telecom	Active															67.0	66.4	Yes	Yes	e	e	g	e	b	d	g	e	a	g	g	g	g	g	g	c
East West Interconnector	Eirgrid Interconnector Ltd	Power	Active															68.5	67.6	Yes	Yes	e	e	g	e	b	d	g	e	a	g	g	g	g	g	g	c
ESAT 1	BT	Telecom	Active															68.9	68.3	Yes	Yes	e	e	g	e	b	d	g	e	a	g	g	g	g	g	g	c
CELTIC	BT	Telecom	Disused															69.0	68.4	Yes	Yes	e	e	g	e	d	d	g	e	a	g	g	g	g	g	g	c
SOLAS	VODAFONE	Telecom	Active															69.0	68.4	Yes	Yes	e	e	g	e	b	d	g	e	a	g	g	g	g	g	g	c
Havhingsten Telecoms Cable	Aqua Comms	Telecom	Active															70.3	69.3	Yes	Yes	e	e	g	e	b	d	g	e	a	g	g	g	g	g	g	c
Greenlink Interconnector	Eirgrid	Power	In construction															79.6	79.0	Yes	Yes	e	e	g	e	c	c	g	e	a	g	g	g	g	g	g	c
Designated Area for cable route Wind T&D Site		Wind Export	Proposed															121.7	121	No	Yes	e	e	g	e	e	g	g	e	g	g	g	g	g	g	g	c
Erebus/Valorous Potential Cable Route	Total / Simply Blue	Power	Proposed															123.7	123.0	Yes	Yes	e	e	g	e	e	c	g	e	c	g	g	g	g	g	g	c
Western HVDC Link	National Grid and Scottish Power	Power	Active															124.9	123.9	Yes	Yes	e	e	g	e	e	d	g	e	a	g	g	g	g	g	g	c
HIBERNIA 'A'	Hibernia Atlantic	Telecom	Active															126.9	125.9	Yes	Yes	e	e	g	e	e	d	g	e	a	g	g	g	g	g	g	c
TATA ATLANTIC NORTH	TATA COMMUNICATIONS	Telecom	Active															140.9	140.3	Yes	Yes	e	e	g	e	e	d	g	e	a	g	g	g	g	g	g	c
GEMINI NORTH	VODAFONE	Telecom	Disused															144.6	144.0	Yes	Yes	e	e	g	e	e	d	g	e	a	g	g	g	g	g	g	c
Celtic Interconnector	RTE / EIRGRID	Power	In Construction															151.9	151.3	Yes	Yes	e	e	g	e	e	c	g	e	c	g	g	g	g	g	g	c
PTAT	CWC	Telecom	Disused															153.5	152.9	Yes	Yes	e	e	g	e	e	d	g	e	a	g	g	g	g	g	g	c
Hibernia Express	HIBERNIA EXPRESS	Telecom	Active															154.3	153.7	Yes	Yes	e	e	g	e	e	d	g	e	a	g	g	g	g	g	g	c
MANX-N.IRELAND	BT	Telecom	Active															154.7	153.9	Yes	Yes	e	e	g	e	e	d	g	e	a	g	g	g	g	g	g	c
TGN W.EUROPE UK-PORTUGAL	TATA COMMUNICATIONS	Telecom	Active															157.2	156.6	Yes	Yes	e	e	g	e	e	d	g	e	a	g	g	g	g	g	g	c
Rhyl Flats	Rhyl Flats Wind Farm Limited	Wind Export	Active/In Operation															157.7	156.8	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
LANIS 1	Vodafone	Telecom	Active															158.4	157.4	Yes	Yes	e	e	g	e	e	d	g	e	a	g	g	g	g	g	g	c
Gwynt y Mor	Gwynt-y-Môr OFTO plc	Wind Export	Active/In Operation															166.2	165.3	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
North Hoyle	North Hoyle Wind Farm Limited	Wind Export	Active/In Operation															166.2	165.3	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
LANIS 2	Vodafone	Telecom	Active															166.3	165.3	Yes	Yes	e	e	g	e	e	d	g	e	a	g	g	g	g	g	g	c
IOM/UK INTERCONNECTOR	Manx Electricity Authority	Power	Active															166.6	165.6	Yes	Yes	e	e	g	e	e	d	g	e	a	g	g	g	g	g	g	c
BT-MT1	BT	Telecom	Active															171.2	170.2	Yes	Yes	e	e	g	e	e	d	g	e	a	g	g	g	g	g	g	c
TAT 11	VODAFONE	Telecom	Disused															174.3	173.6	Yes	Yes	e	e	g	e	e	d	g	e	a	g	g	g	g	g	g	c
SWANSEA/BREAN	VODAFONE	Telecom	Active															175.2	174.5	Yes	Yes	e	e	g	e	e	d	g	e	a	g	g	g	g	g	g	c
APOLLO NORTH	VODAFONE	Telecom	Active															186.0	185.5	Yes	Yes	e	e	g	e	e	d	g	e	a	g	g	g	g	g	g	c
Burbo Bank Extension OFTO	Diamond Transmission Partners Walney Extension Limited	Wind Export	Active/In Operation															188.8	187.8	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Burbo Bank	Ørsted Burbo (UK) Limited	Wind Export	Active/In Operation															191.7	190.9	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
SCOTLAND-N.IRELAND 1	BT	Telecom	Active															191.7	190.8	Yes	Yes	e	e	g	e	e	d	g	e	a	g	g	g	g	g	g	c
XLinks	XLinks	Power	Proposed															192.3	191.6	Yes	Yes	e	e	g	e	e	c	g	e	c	g	g	g	g	g	g	c
TATA ATLANTIC SOUTH	TATA COMMUNICATIONS	Telecom	Active															193.8	193.1	Yes	Yes	e	e	g	e	e	d	g	e	a	g	g	g	g	g	g	c
SIRIUS NORTH	Virgin Media	Telecom	Active															195.9	195.0	Yes	Yes	e	e	g	e	e	d	g	e	a	g	g	g	g	g	g	c
TATA W.EUROPE	TATA COMMUNICATIONS	Telecom	Active															196.6	195.9	Yes	Yes	e	e	g	e	e	d	g	e	a	g	g	g	g	g	g	c
Walney 2 OFTO	Blue Transmission Walney 2 OFTO Limited	Wind Export	Active/In Operation															202.8	201.8	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Walney 1 OFTO	Blue Transmission Walney 2 OFTO Limited	Wind Export	Active/In Operation															203.9	202.9	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Walney Extension OFTO	Diamond Transmission Partners Walney Extension Limited	Wind Export	Active/In Operation															203.9	202.9	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
LANIS 3	Vodafone	Telecom	Active															204.6	203.7	Yes	Yes	e	e	g	e	e	d	g	e	a	g	g	g	g	g	g	c
West of Duddon Sands OFTO	WoDS Transmission Plc	Wind Export	Active/In Operation															204.6	203.6	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
LinkC		Power	Proposed															204.6	203.7	Yes	Yes	e	e	g	e	e	c	g	e	c	g	g	g	g	g	g	c
YELLOW	CENTURY LINK	Telecom	Active															207.2	206.6	Yes	Yes	e	e	g	e	e	d	g	e	a	g	g	g	g	g	g	c
Ormonde OFTO	TC Ormonde OFTO Limited	Wind Export	Active/In Operation															209.5	208.5	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
PTAT IRISH BRANCH	CWC	Telecom	Disused															210.6	210.0	Yes	Yes	e	e	g	e	e	d	g	e	a	g	g	g	g	g	g	c
Barrow OFTO	TC Barrow OFTO Limited	Wind Export	Active/In Operation															211.5	210.5	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
MOYLE INTERCONNECTOR SOUTH	Moyle Interconnector Ltd	Power	Active															214.8	213.9	Yes	Yes	e	e	g	e	e	d	g	e	a	g	g	g	g	g	g	c
MOYLE INTERCONNECTOR NORTH	Moyle Interconnector Ltd	Power	Active															215.0	214.1	Yes	Yes	e	e	g	e	e	d	g	e	a	g	g	g	g	g	g	c
TAT14	BT	Telecom	Disused															216.1	215.5	Yes	Yes	e	e	g	e	e	d	g	e	a	g	g	g	g	g	g	c
SCOTLAND-NI 2	BT	Telecom	Active															218.2	217.3	Yes	Yes	e	e	g	e	e	d	g	e	a	g	g	g	g	g	g	c
Amitie		Telecom	Active															221.0	220.4	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
TAT 8	BT	Telecom	Disused															221.8	221.1	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Globacom One	GLOBACOM LTD	Telecom	Active															222.7	222.0	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
EUROPE INDIA GATEWAY	VODAFONE	Telecom	Active															223.8	223.1	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Robin Rigg OFTO	TC Robin Rigg OFTO Limited	Wind Export	Active/In Operation															250	249	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
TwinHub	Hexicon AB	Power	In Development															258.2	257.6	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Aquacomms AE Connect Cable	AQUACOMMS	Telecom	Active															259.7	256.0	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Wave Hub	Wave Hub Limited	Wind Export	Active/In Operation															259.8	259.2	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Havfrue	Aqua Comms	Telecom	Active															273.5	266.3	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
FLAG ATLANTIC NORTH	RELIANCE GLOBALCOM	Telecom	Active															276.9	276.3	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
TAT 14	BT	Telecom	Disused															277.8	277.2	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
TAT 12	BT	Telecom	Active															279.3	278.7	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
BT-HIE Seg1.5	BT	Telecom	Active															285.3	284.4	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Isle of Scilly -	Western Power Distribution	Power	Active															287.3	286.7	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
ATLANTIC CROSSING 1	CENTURY LINK	Telecom	Active															288.5	287.9	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
FLAG ATLANTIC INTERLINK	GLOBAL CLOUD XCHANGE	Telecom	Active															293.4	292.8	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
TAT12-13	BT	Telecom	Active															293.4	292.8	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
FLAG	GLOBAL CLOUD XCHANGE	Telecom	Active															293.4	292.8	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
RIOJA 1	BT	Telecom	Disused															293.4	292.8	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
RIOJA 2	BT	Telecom	Disused															293.4	292.8	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
HUGO	VODAFONE	Telecom	Active															293.4	292.8	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
BT IOS1	BT	Telecom	Active															293.5	292.9	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Arran - Holy Island	SSEN	Power	Active															293.9	293.0	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
BT-HIE Seg1.8	BT	Telecom	Active															297.7	296.8	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Carradale Arran South	SSEN	Power	Active															299.4	298.5	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Carradale Arran North	SSEN	Power	Active															299.7	298.8	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
SEA-ME WE 3	BT	Telecom	Disused															301.9	301.3	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
UK-CH.ISLANDS 8	BT / JERSEY TELECOMS	Telecom	Active															302.0	301.3	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
SEA-ME-WE3	BT	Telecom	Active															302.0	301.4	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
UK-SPAIN 4	BT	Telecom	Disused															302.9	302.3	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
BT-HIE Seg1.6	BT	Telecom	Active															307.0	306.2	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
UK/CH.ISLANDS 7	BT / GUERNSEY TELECOMS	Telecom	Active															308.7	308.0	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
LIBERTY	JERSEY TELECOMS	Telecom	Active															309.1	308.4	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Kintyre to Hunterston 1 South	SSEN	Power	Active															310.7	309.8	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Kintyre to Hunterston 1 North	SSEN	Power	Active															311.2	310.4	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
GEMINI SOUTH	VODAFONE	Telecom	Disused															311.3	310.7	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
BRIDGEND - ISLAY	SSEN	Power	Active															316.9	316.0	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
TAT 9	BT	Telecom	Disused															318.2	317.5	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
BT-HIE Seg1.2	BT	Telecom	Active															320.2	319.3	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Bute - Cumbrae Centre 2	SSEN	Power	Active															321.1	320.2	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Jura-Islay	SSEN	Power	Active															322.5	321.6	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c

Bute - Cumbrae North	SSEN	Power	Active															322.7	321.8	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
BUTE - CUMBRAE 2	SSEN	Power	Active															323.8	322.9	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
BT-HIE Seg1.9	BT	Telecom	Active															325.3	324.4	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
BT-HIE Seg1.1	BT	Telecom	Active															326.0	325.1	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
BT-HIE Seg1.7	BT	Telecom	Active															326.2	325.3	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
BT HIE SEG1.3	BT	Telecom	Active															332.0	331.2	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Kames Bute South	SSEN	Power	Active															333.6	332.8	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Bute Ardyne South SSE	SSEN	Power	Active															334.1	333.2	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Islay-Colonsay	SSEN	Power	Active															334.2	333.3	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Bute Ardyne North SSE	SSEN	Power	Active															334.2	333.4	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
BT-HIE Seg1.4	BT	Telecom	Active															346.4	345.5	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Otter Ferry	SSEN	Power	Active															346.5	345.6	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Mainland - Jura	SSEN	Power	Disused															346.8	345.9	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Seil - Easdale (SSE)	SSEN	Power	Active															376.0	375.1	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Blyth Demo Phase 1	Blyth Offshore Demonstrator Limited	Wind Export	Active/In Operation															379.4	378.4	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Mainland Kerrera 2 (SSE)	SSEN	Power	Active															387.0	386.1	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Mainland Kerrera South Live (SSE)	SSEN	Power	Active															387.0	386.1	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Mainland Kerrera North Live (SSE)	SSEN	Power	Active															387.5	386.6	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Kerrera - Mull 2 (SSE)	SSEN	Power	Active															388.0	387.2	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Seagreen Phase 1 OFTO AFL	SeaGreen A&B Wind Energy Ltd	Wind Export	Proposed															388.2	387.3	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Inch Cape OFTO	Inch Cape Offshore Ltd	Wind Export	Proposed															388.3	387.3	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Kerrera - Mull Replacement (SSE)	SSEN	Power	Active															389.3	388.4	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
BT HIE Seg 1.11	BT	Telecom	Active															392.5	391.6	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
APOLLO SOUTH	VODAFONE	Telecom	Active															399.3	398.7	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Lochaline - Mull (SSE)	SSEN	Power	Active															400.4	399.5	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
BT - HIE Seg 1.17	BT	Telecom	Active															402.1	401.2	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Mainland - Lismore (SSE)	SSEN	Power	Active															406.0	405.1	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Coll - Tiree (SSE)	SSEN	Power	Active															407.1	406.2	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Neart na Gaoithe OFTO	Neart Na Gaoithe Offshore Wind	Wind Export	Construction															408.2	407.2	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
FLAG ATLANTIC SOUTH	GLOBAL CLOUD XCHANGE	Telecom	Active															410.0	409.4	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Mull - Coll (SSE)	SSEN	Power	Active															410.9	410.0	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Mull - Coll AB (SSE)	SSEN	Power	Active															410.9	410.0	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Loch a'Choire Outer (SSE)	SSEN	Power	Active															411.3	410.4	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Loch a'Choire Inner (SSE)	SSEN	Power	Active															411.3	410.4	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Mull - Calve Island (SSE)	SSEN	Power	Active															411.5	410.6	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
BT HIE Seg 1.10	BT	Telecom	Active															412.4	411.5	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Lynn	Lynn Wind Farm Limited	Wind Export	Active/In Operation															419.8	419.1	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Corran Narrows South Cable (SSE)	SSEN	Power	Active															425.8	424.9	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Corran Narrows Mid Cable (SSE)	SSEN	Power	Active															425.9	425.0	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
BT HIE Seg 1.12	BT	Telecom	Active															426.7	425.8	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Loch Eil Narrows (SSE)	SSEN	Power	Active															439.6	438.8	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
BT HIE - Seg 1.16	BT	Telecom	Active															456.0	455.1	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Barra - Vatersay (SSE)	SSEN	Power	Active															459.8	458.8	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
BT HIE - Seg 1.18B	BT	Telecom	Active															466.2	465.3	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
ERISKAY - BARRA 1	SSE	Power	Active															466.4	465.5	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
ERISKAY - BARRA 2	SSE	Power	Active															467.7	466.8	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
BT HIE - Seg1.18A	BT	Telecom	Active															472.0	471.1	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
SOUTH UIST - ERISKAY	SSE	Power	Active															472.4	471.4	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
LOCHALSH (SSE)	SSEN	Power	Active															483.5	482.6	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Kyle - Skye 2 (SOUTH) (SSE)	SSEN	Power	Active															484.5	483.6	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Kyle - Skye East (SSE)	SSEN	Power	Active															484.5	483.6	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Skye - Scalpay (SSE)	SSEN	Power	Active															484.6	483.7	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Kyle - Skye West (SSE)	SSEN	Power	Active															484.7	483.8	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Loch sligaghan - Skye 2 (SSE)	SSEN	Power	Active															489.6	488.7	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Skye Raasay (SSE)	SSEN	Power	Active															491.8	490.9	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
SKYE - S UIST	SSE	Power	Active															500.7	499.8	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
BT - HIE Seg 1.15	BT	Telecom	Active															502.8	501.9	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
NORTH UIST - BENBECULA WEST	SSE	Power	Active															515.8	514.9	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
NORTH UIST - BENBECULA EAST	SSE	Power	Active															515.8	514.9	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
NORTH UIST - BENBECULA CENTRE 2	SSE	Power	Active															515.9	515.0	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
NORTH UIST - BENBECULA CENTRE	SSE	Power	Active															516.3	515.4	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Skye - Uist Skye Shore End (SSE)	SSEN	Power	Active															518.3	517.3	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Skye - Harris (SSE)	SSEN	Power	Active															518.3	517.4	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
BT - HIE Seg 1.14	BT	Telecom	Active															526.8	525.9	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
North Uist - Berneray	SSEN	Power	Active															538.1	537.2	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Western Isles Link	SSE	Power	In Consultation															550.0	549.2	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Harris - Scalpay 2 (SSE)	SSEN	Power	Active															554.1	553.2	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Harris - Scalpay 1 (SSE)	SSEN	Power	Active															554.5	553.6	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Designated Area for cable route Buchan Deep Demo		Wind Export	Lease Marine															559.3	558.3	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
BT - HIE Seg 1.13	BT	Telecom	Active															559.4	558.5	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
TAT 14(K)	Telia Carrier	Telecom	Disused															565.2	562.0	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
SHEFA 2	FAROESE TELECOM	Telecom	Active															570.3	569.4	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Laxay Kershader (SSE)	SSEN	Power	Active															577.4	576.5	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
IceLink (Interco Iceland-UK)		Power	Proposed															629.6	628.7	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Atlantic Super Connection		Power	Proposed															635.9	635.0	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Orkney Caithness	SSE	Power	Proposed															642.8	641.9	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Shetland HVDC Link		Power	Construction Phase															643.1	642.2	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Orkney Interconnector		Power	Proposed															644.3	643.4	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
PENTLAND FIRTH NEW	SSE	Power	Active															651.7	650.8	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
FARICE	Farice ehf	Telecom	Active															651.8	650.9	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Peatland Firth East (SSE)	SSEN	Power	Active															652.3	651.4	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Pentland Firth West (SSE)	SSEN	Power	Active															652.5	651.6	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Northern Lights (BT)	BT	Telecom	Active															653.8	652.9	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
HOY Flotta (SSE)	SSEN	Power	Active															679.6	678.7	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Shefa 2 (FAROESE TELECOM)	Faroese Telecom	Telecom	Active															685.1	684.2	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Mainland - Orkney Hoy (SSE)	SSEN	Power	Active															686.3	685.4	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Hoy - Orkney 2 (SSE)	SSEN	Power	Active															686.3	685.4	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Hoy - Orney 3 (SSE)	SSEN	Power	Active															686.3	685.4	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Hoy - Orkney 1 (SSE)	SSEN	Power	Active															686.4	685.5	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Mainland - Orkney - Hoy North (SSE)	SSEN	Power	Active															686.4	685.5	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Mainland Orkney - Graemsay (SSE)	SSEN	Power	Active															689.8	688.9	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Holm of Grimbister (SSE)	SSEN	Power	Active															699.7	698.8	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Orkney Mainland - Shapinsay (SSE)	SSEN	Power	Active															703.1	702.2	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Shapinsay - Stronsay (SSE)	SSEN	Power	Active															708.8	707.9	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Rousay - Orkney Mainland (SSE)	SSEN	Power	Active															712.0	711.1	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Rousay - Orkney Mainland (Disused (SSE)	SSEN	Power	Disused															712.1	711.2	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
BT - HIE SEG 1.19	BT	Telecom	Active															712.3	711.4	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Rousay - Wyre (SSE)	SSEN	Power	Active															714.1	713.2	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Rousay - Egilsay	SSEN	Power	Active															717.2	716.3	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Rousay - Westray (SSE)	SSE	Power	Active															720.4	719.5	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
ROUSAY WESTRAY	SSE	Power	Disused															720.4	719.5	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Sanday to Stronsay (SSE)	SSEN	Power	Active															722.7	721.8	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Stronsay - Sanday (SSE)	SSEN	Power	Disused															722.9	722.0	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
EDAY - WESTRAY	SSE	Power	Active															723.8	722.8	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Eday - Westray Disused	SSE	Power	Disused															723.8	722.9	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Eday - Sanday (SSE)	SSEN	Power	Active															725.2	724.3	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Westray - Papa Westray (SSE)	SSEN	Power	Active															734.2	733.3	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
Sanday - North Ronaldsay (SSE)	SSEN	Power	Active															741.3	740.4	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
ATLANTIC CROSSING 1 (AC1) Seg A	Century Link	Telecom	Active															772.1	771.2	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
TAT 10B WEST SECTION	Deutsche Telekom AG	Telecom	Disused															783.7	782.8	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c
CANTAT 3	Faroese Telecom	Telecom	Active															824.3	823.4	No	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	c

Quad 204 FPSO (Power from Shore)		Power	Proposed															836.1	835.2	No	Yes													c
Cambo (FPSO (Power from Shore)		Power	Proposed															836.9	836.0	No	Yes													c
Rosebank FPSO (Power from Shore)		Power	In Development															837.4	836.5	No	Yes													c
Clair Oil Field (Power from Shore)		Power	Proposed															846.2	845.3	No	Yes													c
Clift Sound (SSE)	SSEN	Power	Active															847.4	846.4	No	Yes													c
DANICE SEG1 (Farice EHF)	Farice ehf	Telecom	Active															850.1	849.1	No	Yes													c
Shetland - Papa Stour (SSE)	SSEN	Power	Active															861.9	861.0	No	Yes													c
Papa Stour - Shetland (SSE)	SSEN	Power	Disused															861.9	861.0	No	Yes													c
Magnus field (Power from Shore)		Power	Proposed															871.2	870.3	No	Yes													c
Shetland - Yell 1 (SSE)	SSEN	Power	Active															887.8	886.8	No	Yes													c
Shetland - Yell 2 (SSE)	SSEN	Power	Active															887.9	887.0	No	Yes													c

Offshore Cumulative Effects Assessment Matrix - Oil and Gas Pipelines - Celtic Sea Subsection 7a

Pipeline name	Infrastructure Type	Representative group	Construction Period (red outline denotes the Proposed Development offshore construction period) 2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Ordered by distance: Distance to the Proposed Development Array Area (km)	Distance to the Proposed Development Cable Corridor and Working Area (km)	ICES Celtic Sea 7a
INTERCONNECTOR 1 SCOTLAND TO IRELAND IC1	PIPELINE	GAS NETWORKS IRELAND															69.6	68.7	Yes
INTERCONNECTOR 2 SCOTLAND TO IRELAND IC2	PIPELINE	GAS NETWORKS IRELAND															82.9	82.0	Yes
DD-POA GAS EXPORT	PIPELINE	ENI UK LIMITED															164.5	163.6	Yes
POA-DD CONDENSATE	PIPELINE	ENI UK LIMITED															164.5	163.6	Yes
POA-DD METHANOL	PIPELINE	ENI UK LIMITED															164.5	163.6	Yes
CONWY TO DOUGLAS OIL EXPORT	PIPELINE	ENI UK LIMITED															168.2	167.3	Yes
DOUGLAS TO CONWY CONDENSATE INJECTION	PIPELINE	ENI UK LIMITED															168.2	167.3	Yes
DOUGLAS TO CONWY UMBILICAL	UMBILICAL	ENI UK LIMITED															168.2	167.3	Yes
DOUGLAS TO CONWY WATER INJECTION	PIPELINE	ENI UK LIMITED															168.2	167.3	Yes
DOUGLAS TO CACM	PIPELINE	ENI UK LIMITED															169.6	168.7	Yes
HAMILTON NORTH TO DOUGLAS GAS LINE	PIPELINE	ENI UK LIMITED															169.6	168.7	Yes
DOUGLAS TO HAMILTON NORTH	PIPELINE	ENI UK LIMITED															169.6	168.7	Yes
LENNOX TO DOUGLAS GAS LINE	PIPELINE	ENI UK LIMITED															169.7	168.8	Yes
LENNOX TO DOUGLAS OIL LINE	PIPELINE	ENI UK LIMITED															169.7	168.8	Yes
HAMILTON TO DOUGLAS GAS LINE	PIPELINE	ENI UK LIMITED															169.7	168.8	Yes
DOUGLAS TO LENNOX CHEM LINE	PIPELINE	ENI UK LIMITED															169.7	168.8	Yes
DOUGLAS TO LENNOX CHEM LINE	PIPELINE	ENI UK LIMITED															169.7	168.8	Yes
DOUGLAS TO LENNOX GAS LINE	PIPELINE	ENI UK LIMITED															169.7	168.8	Yes
DOUGLAS TO LENNOX GAS LINE (PL1036A)	PIPELINE	ENI UK LIMITED															169.7	168.8	Yes
DOUGLAS TO HAMILTON	PIPELINE	ENI UK LIMITED															169.7	168.8	Yes
ISLE OF MAN CONTROL UMBILICAL (IOMCU)	UMBILICAL	GAS NETWORKS IRELAND															173.5	172.5	Yes
ISLE OF MAN SPUR (IOMS)	PIPELINE	GAS NETWORKS IRELAND															173.5	172.5	Yes
RIVERS ONSHORE TERMINAL TO CALDER	PIPELINE	HARBOUR ENERGY PLC															178.9	177.9	Yes
CALDER TO RIVERS ONSHORE TERMINAL	PIPELINE	HARBOUR ENERGY PLC															178.9	177.9	Yes
HAMILTON EAST UMBILICAL	UMBILICAL	ENI UK LIMITED															180.7	179.8	Yes
HAMILTON EAST PIPELINE	PIPELINE	ENI UK LIMITED															180.7	179.8	Yes
DALTON PLEM TO DALTON WELLHEAD R2	UMBILICAL	HARBOUR ENERGY PLC															181.1	180.1	Yes
WELLHEAD R2 TO DALTON PLEM	PIPELINE	HARBOUR ENERGY PLC															181.1	180.1	Yes
DALTON WELLHEAD R1 TO DALTON PLEM	PIPELINE	HARBOUR ENERGY PLC															181.7	180.7	Yes
DALTON PLEM TO DALTON WELLHEAD R1	UMBILICAL	HARBOUR ENERGY PLC															181.7	180.7	Yes

Pipeline name	Coastal Processes	Marine Water and Sediment Quality	Airborne Noise	Benthic Subtidal and Intertidal Ecology	Fish, Shellfish and Sea Turtle Ecology	Marine Mammals	Offshore Ornithology	Offshore Bat Activity	Commercial Fisheries	Shipping and Navigation	Civil and Military Aviation	Seascape, Landscape & Visual Amenity	Marine Archaeology	Infrastructure and Other Users	Air Quality and Climate	Population and Human Health
INTERCONNECTOR 1 SCOTLAND TO IRELAND IC1	e	e	g	e	g	d	g	e	e	g	g	g	g	g	g	g
INTERCONNECTOR 2 SCOTLAND TO IRELAND IC2	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
DD-POA GAS EXPORT	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
POA-DD CONDENSATE	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
POA-DD METHANOL	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
CONWY TO DOUGLAS OIL EXPORT	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
DOUGLAS TO CONWY CONDENSATE INJECTION	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
DOUGLAS TO CONWY UMBILICAL	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
DOUGLAS TO CONWY WATER INJECTION	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
DOUGLAS TO CACM	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
HAMILTON NORTH TO DOUGLAS GAS LINE	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
DOUGLAS TO HAMILTON NORTH	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
LENNOX TO DOUGLAS GAS LINE	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
LENNOX TO DOUGLAS OIL LINE	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
HAMILTON TO DOUGLAS GAS LINE	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
DOUGLAS TO LENNOX CHEM LINE	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
DOUGLAS TO LENNOX CHEM LINE	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
DOUGLAS TO LENNOX GAS LINE	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
DOUGLAS TO LENNOX GAS LINE (PL1036A)	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
DOUGLAS TO HAMILTON	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
ISLE OF MAN CONTROL UMBILICAL (IOMCU)	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
ISLE OF MAN SPUR (IOMS)	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
RIVERS ONSHORE TERMINAL TO CALDER	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
CALDER TO RIVERS ONSHORE TERMINAL	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
HAMILTON EAST UMBILICAL	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
HAMILTON EAST PIPELINE	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
DALTON PLEM TO DALTON WELLHEAD R2	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
WELLHEAD R2 TO DALTON PLEM	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
DALTON WELLHEAD R1 TO DALTON PLEM	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
DALTON PLEM TO DALTON WELLHEAD R1	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g

MORECAMBE DPPA TO DALTON PLEM	UMBILICAL	HARBOUR ENERGY PLC	181.7	180.7	Yes	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
DALTON PLEM TO DPPA	PIPELINE	HARBOUR ENERGY PLC	181.7	180.7	Yes	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
MILLOM WEST TO MILLOM PLEM	PIPELINE	HARBOUR ENERGY PLC	183.2	182.3	Yes	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
MILLOM PLEM TO MILLOM WEST	PIPELINE	HARBOUR ENERGY PLC	183.2	182.3	Yes	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
MORECAMBE CPP1 TO DP6	PIPELINE	SPIRIT ENERGY	184.8	183.8	Yes	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
MORECAMBE DP6 TO CPP1	PIPELINE	SPIRIT ENERGY	184.9	183.9	Yes	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
MORECAMBE CPP1 TO DP3	PIPELINE	SPIRIT ENERGY	185.0	184.0	Yes	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
MORECAMBE DP3 TO CPP1	PIPELINE	SPIRIT ENERGY	185.0	184.1	Yes	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
MORECAMBE CPP1 TO DP8	PIPELINE	SPIRIT ENERGY	185.6	184.6	Yes	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
MORECAMBE DP8 TO CPP1	PIPELINE	SPIRIT ENERGY	185.6	184.7	Yes	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
MORECAMBE CPP1 TO DP4	PIPELINE	SPIRIT ENERGY	185.7	184.7	Yes	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
SMT TRUNKLINE	PIPELINE	SPIRIT ENERGY	185.7	184.7	Yes	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
MORECAMBE DP4 TO CPP1	PIPELINE	SPIRIT ENERGY	185.7	184.7	Yes	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
BAINS TO MORECAMBE DP1	PIPELINE	SPIRIT ENERGY	185.8	184.8	Yes	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
MORECAMBE DP1 TO BAINS	UMBILICAL	SPIRIT ENERGY	185.8	184.8	Yes	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
MILLOM PLEM TO DPPA	PIPELINE	HARBOUR ENERGY PLC	186.4	185.4	Yes	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
MILLOM WELLHEAD Q3 TO MILLOM PLEM	PIPELINE	HARBOUR ENERGY PLC	186.4	185.5	Yes	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
MILLOM PLEM TO MILLOM WELLHEAD Q3 CHEM	UMBILICAL	HARBOUR ENERGY PLC	186.4	185.5	Yes	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
MILLOM PLEM TO MILLOM WELLHEAD Q1	UMBILICAL	HARBOUR ENERGY PLC	186.5	185.5	Yes	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
MILLOM WELLHEAD Q1 TO MILLOM PLEM	PIPELINE	HARBOUR ENERGY PLC	186.5	185.5	Yes	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
MILLOM WELLHEAD Q2 TO MILLOM PLEM	PIPELINE	HARBOUR ENERGY PLC	186.5	185.5	Yes	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
MILLOM PLEM TO MILLOM WELLHEAD Q2 CHEM	UMBILICAL	HARBOUR ENERGY PLC	186.5	185.5	Yes	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
MORECAMBE DPPA TO MILLOM PLEM	UMBILICAL	HARBOUR ENERGY PLC	186.5	185.5	Yes	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
RHYL-DPPA IMPORT PRODUCTION FLEX PIPE	PIPELINE	SPIRIT ENERGY	188.1	187.1	Yes	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
RHYL-DPPA CONTROL/CHEM INJ UMBILICAL	UMBILICAL	SPIRIT ENERGY	188.1	187.1	Yes	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
NMT METHANOL	PIPELINE	SPIRIT ENERGY	188.1	187.1	Yes	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
NMT TRUNKLINE	PIPELINE	SPIRIT ENERGY	188.1	187.1	Yes	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
BELFAST LOUGH CROSSING (BLC)	PIPELINE	MUTUAL ENERGY LIMITED	191.6	190.7	Yes	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
LARNE LOUGH CROSSING (LLC)	PIPELINE	MUTUAL ENERGY LIMITED	213.8	212.9	Yes	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g
SCOTLAND TO N IRELAND PIPELINE (SNIP)	PIPELINE	MUTUAL ENERGY LIMITED	215.7	214.8	Yes	e	e	g	e	e	d	g	e	e	g	g	g	g	g	g	g

Offshore Cumulative Effects Assessment Matrix - Dumping at Sea - Celtic Sea region

Permit Number	Permit holder	Method	Construction Period (red outline denotes the Proposed Development offshore construction period) 2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Ordered by distance: Distance to the Proposed Development Array Area (km)	Distance to the Proposed Development Cable Corridor and Working Area (km)	ICES Celtic Sea 7a	ICES Celtic Sea	Coastal Processes	Marine Water and Sediment Quality	Airborne Noise	Benthic Subtidal and Intertidal Ecology	Fish, Shellfish and Sea Turtle Ecology	Marine Mammals	Offshore Ornithology	Offshore Bat Activity	Commercial Fisheries	Shipping and Navigation	Civil and Military Aviation	Seascape, Landscape & Visual Amenity	Marine Archaeology	Infrastructure and Other Users	Air Quality and Climate	Population and Human Health
S0027-01	Arklow Energy Limited	Plough Dredging															0	0.8	Yes	Yes	d	d	g	d	d	g	g	e	e	a	g	g	c	c	g	g
S0024-02	Dublin Port Company	Release of 1,102,723 tonnes (wet weight) of dredged material through the hull of the vessel while the vessel is in motion															45.1	44.2	Yes	Yes	e	e	g	e	c	g	g	e	e	g	g	g	g	g	g	g
S0004-03	Dublin Port Company	Release of dredged material through the hull of the vessel while the vessel is in motion															45.2	44.3	Yes	Yes	e	e	g	e	c	g	g	e	e	g	g	g	g	g	g	g
S0016-01	Iarnrod Eireann (Rosslare Europort)	Release of dredge material from maintenance dredging through the hull of the vessel															46.9	46.4	Yes	Yes	e	e	g	e	d	g	g	e	e	g	g	g	g	g	g	g
S0031-01	Malahide Marina Village Limited	Water Injection Dredging															61.3	60.4	Yes	Yes	e	e	g	e	d	g	g	e	e	g	g	g	g	g	g	g
S0030-01	Wexford County Council	Release of dredge material through the hull of the vessel while the vessel is in motion.															75.9	75.3	Yes	Yes	e	e	g	e	c	g	g	e	e	g	g	g	g	g	g	g
S0012-03	Port of Waterford Company	Plough dredging															90.4	89.8	No	Yes	e	e	g	e	d	g	g	e	e	g	g	g	g	g	g	g
S0012-03	Port of Waterford Company	Plough dredging															90.4	89.8	No	Yes	e	e	g	e	d	g	g	e	e	g	g	g	g	g	g	g
S0012-03	Port of Waterford Company	Plough dredging															90.4	89.8	No	Yes	e	e	g	e	d	g	g	e	e	g	g	g	g	g	g	g
S0012-03	Port of Waterford Company	Plough dredging															90.4	89.8	No	Yes	e	e	g	e	d	g	g	e	e	g	g	g	g	g	g	g
S0012-03	Port of Waterford Company	Plough dredging															90.4	89.8	No	Yes	e	e	g	e	d	g	g	e	e	g	g	g	g	g	g	g
S0012-03	Port of Waterford Company	Plough dredging															90.4	89.8	No	Yes	e	e	g	e	d	g	g	e	e	g	g	g	g	g	g	g
S0012-03	Port of Waterford Company	Plough dredging															90.4	89.8	No	Yes	e	e	g	e	d	g	g	e	e	g	g	g	g	g	g	g
S0012-03	Port of Waterford Company	Plough dredging															90.4	89.8	No	Yes	e	e	g	e	d	g	g	e	e	g	g	g	g	g	g	g
S0012-03	Port of Waterford Company	Plough dredging															90.4	89.8	No	Yes	e	e	g	e	d	g	g	e	e	g	g	g	g	g	g	g
S0012-03	Port of Waterford Company	Plough dredging															90.4	89.8	No	Yes	e	e	g	e	d	g	g	e	e	g	g	g	g	g	g	g
S0012-03	Port of Waterford Company	Plough dredging															90.4	89.8	No	Yes	e	e	g	e	d	g	g	e	e	g	g	g	g	g	g	g
S0012-03	Port of Waterford Company	Plough dredging															90.4	89.8	No	Yes	e	e	g	e	d	g	g	e	e	g	g	g	g	g	g	g
S0012-03	Port of Waterford Company	Plough dredging															90.4	89.8	No	Yes	e	e	g	e	d	g	g	e	e	g	g	g	g	g	g	g
S0012-03	Port of Waterford Company	Plough dredging															90.4	89.8	No	Yes	e	e	g	e	d	g	g	e	e	g	g	g	g	g	g	g
S0012-03	Port of Waterford Company	Plough dredging															90.4	89.8	No	Yes	e	e	g	e	d	g	g	e	e	g	g	g	g	g	g	g
S0012-03	Port of Waterford Company	Plough dredging															90.4	89.8	No	Yes	e	e	g	e	d	g	g	e	e	g	g	g	g	g	g	g
S0012-03	Port of Waterford Company	Release of dredge material through the hull of the vessel while the vessel is in motion at low speed															90.4	89.8	No	Yes	e	e	g	e	d	g	g	e	e	g	g	g	g	g	g	g
S0015-03	Drogheda Port Company	Dumping site A1 Release of the material through the hull of the vessel while the vessel is in motion (2,816,000 tonnes)															95.5	94.6	No	Yes	e	e	g	e	d	g	g	e	e	g	g	g	g	g	g	g
S0015-03	Drogheda Port Company	Dumping site A2 Release of the material through the hull of the vessel while the vessel is in motion (2,816,000 tonnes)															95.5	94.6	No	Yes	e	e	g	e	d	g	g	e	e	g	g	g	g	g	g	g
S0009-03	Shannon Foynes Port Company	Plough Dredging															178.9	171.6	No	Yes	e	e	g	e	d	g	g	e	e	g	g	g	g	g	g	g
S0009-03	Shannon Foynes Port Company	Plough dredging															178.9	171.6	No	Yes	e	e	g	e	d	g	g	e	e	g	g	g	g	g	g	g
S0009-03	Shannon Foynes Port Company	Release of dredge material through the hull of the vessel while the vessel is in motion															178.9	171.6	No	Yes	e	e	g	e	d	g	g	e	e	g	g	g	g	g	g	g
S0009-03	Shannon Foynes Port Company	Release of dredge material through the hull of the vessel while the vessel is in motion															178.9	171.6	No	Yes	e	e	g	e	d	g	g	e	e	g	g	g	g	g	g	g
S0009-03	Shannon Foynes Port Company	Plough dredging															178.9	171.6	No	Yes	e	e	g	e	d	g	g	e	e	g	g	g	g	g	g	g
S0009-03	Shannon Foynes Port Company	Release of dredge material through the hull of the vessel while the vessel is in motion															178.9	171.6	No	Yes	e	e	g	e	d	g	g	e	e	g	g	g	g	g	g	g
S0026-01	Aughanish Alumina Limited	Plough dredging - silt and fine sand															207.2	200	No	Yes	e	e	g	e	d	g	g	e	e	g	g	g	g	g	g	g
S0026-01	Aughanish Alumina Limited	Plough dredging - silt and fine sand															207.2	200	No	Yes	e	e	g	e	d	g	g	e	e	g	g	g	g	g	g	g
S0026-01	Aughanish Alumina Limited	Plough dredging - silt and fine sand															207.2	200	No	Yes	e	e	g	e	d	g	g	e	e	g	g	g	g	g	g	g
S0023-01	Sligo County Council	Water Injection Dredging															227.5	225.6	No	Yes	e	e	g	e	d	g	g	e	e	g	g	g	g	g	g	g
S0023-01	Sligo County Council	Release of dredge material through hull of vessel															227.5	225.6	No	Yes	e	e	g	e	d	g	g	e	e	g	g	g	g	g	g	g
S0020-02	L&M Keating Maritime Limited	Plough Dredging															237.4	230	No	Yes	e	e	g	e	d	g	g	e	e	g	g	g	g	g	g	g
S0011-03	Donegal County Council	Plough Dredging															265.2	264.3	No	Yes	e	e	g	e	d	g	g	e	e	g	g	g	g	g	g	g
S0007-03	Kerry County Council	Plough dredging															267.6	262.2	No	Yes	e	e	g	e	d	g	g	e	e	g	g	g	g	g	g	g
S0007-03	Kerry County Council	Release of dredge material through the hull of the vessel while the vessel is in motion															267.6	262.2	No	Yes	e	e	g	e	d	g	g	e	e	g	g	g	g	g	g	g
S0007-03	Kerry County Council	Release of dredge material through the hull of the vessel while the vessel is in motion															267.6	262.2	No	Yes	e	e	g	e	d	g	g	e	e	g	g	g	g	g	g	g
S0007-03	Kerry County Council	Plough dredging															267.6	262.2	No	Yes	e	e	g	e	d	g	g	e	e	g	g	g	g	g	g	g
S0007-03	Kerry County Council	Plough dredging															267.6	262.2	No	Yes	e	e	g	e	d	g	g	e	e	g	g	g	g	g	g	g
S0007-03	Kerry County Council	Plough dredging															267.6	262.2	No	Yes	e	e	g	e	d	g	g	e	e	g	g	g	g	g	g	g
S0032-01	PSE Kinsale Energy Limited Cork	Dumping at sea (leaving in situ) of a redundant gas export pipeline, in-field gas pipelines and in-field umbilicals associated with the decommissioning of the Kinsale Head gas fields and facilities. In total, approximately 92km of pipelines, varying in size from 273–610mm and 21km of umbilicals, varying in diameter from 82–98mm will be left in situ.															276.1	275.6	No	Yes	e	e	g	e	d	g	g	e	e	g	g	g	g	g	g	g
S0035-01	PSE Seven Heads Limited	Dumping at sea (leaving in situ) of a redundant gas export pipeline, in-field gas pipelines and in-field umbilicals associated with the decommissioning of the Seven Heads gas fields and facilities. In total, 61km of pipelines, of either 8 inch or 18inch in diameter will be left in situ. In total 61km of umbilicals will be left in situ, of either 93.2mm or 123.5mm in diameter.															288.3	287.8	No	Yes	e	e	g	e	d	g	g	e	e	g	g	g	g	g	g	g

Offshore Cumulative Effects Assessment Matrix - Disposal - Celtic Sea subsection 7a

Area	Site number	Status	Construction Period (red outline denotes the Proposed Development offshore construction period) 2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Ordered by distance: Distance to the Proposed Development Array Area (km)	Distance to the Proposed Development Cable Corridor and Working Area (km)	ICES Celtic Sea 7a	Coastal Processes	Marine Water and Sediment Quality	Airborne Noise	Benthic Subtidal and Intertidal Ecology	Fish, Shellfish and Sea Turtle Ecology	Marine Mammals	Offshore Ornithology	Offshore Bat Activity	Commercial Fisheries	Shipping and Navigation	Civil and Military Aviation	Seascape, Landscape & Visual Amenity	Marine Archaeology	Infrastructure and Other Users	Air Quality and Climate	Population and Human Health
HOLYHEAD DEEP	IS040	Closed															82.3	81.3	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
HOLYHEAD SOUTH	IS041	Closed															82.3	81.3	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
Holyhead North	IS043	Open															85.6	84.7	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
HOLHEAD EAST	IS042	Closed															86.2	85.3	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
FISHGUARD	IS010	Closed															98.1	97.4	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
TREMADOC BAY	IS020	Closed															104.2	103.6	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
MENAI STRAIT	IS030	Closed															110.6	109.8	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
WARRENPOINT B	IS671	Open															115.9	115.0	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
WARRENPOINT	IS670	Closed															119.0	118.1	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
Shell Lagoon, Llanbedr	IS018	Open															119.2	118.6	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
NEW QUAY TRACK	IS015	Open															120.2	119.6	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
Dolau Beach	IS014	Open															120.4	119.8	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
POINT LYNAS	IS050	Closed															122.2	121.3	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
Kilkeel	IS650	Open															123.1	122.2	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
South Beach	IS017	Open															125.0	124.4	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
Spending Harbour	IS016	Open															125.4	124.8	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
CARLINGFORD	IS660	Closed															127.7	126.8	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
Aberystwyth South Beach	IS013	Open															130.5	130.0	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
CONWY BAY	IS055	Closed															131.3	130.4	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
PUFFIN ISLAND	IS060	Closed															134.2	133.4	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
NEWCASTLE (NI)	IS640	Closed															140.8	139.9	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
ARDGLASS	IS635	Closed															142.6	141.7	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
DUNDRUM BAY	IS630	Closed															142.6	141.7	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
CONWY BENEFICIAL USE	IS065	Open															144.2	143.4	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
CONWY BENEFICIAL USE	IS066	Open															144.3	143.4	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
DEGANWY BENEFICIAL USE	IS035	Open															144.7	143.8	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
ARDGLASS B	IS636	Disused															145.0	144.1	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
CASTLETOWN BAY (I.O.M)	IS440	Closed															146.6	145.7	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
PORT ST. MARY (I.O.M)	IS430	Closed															150.4	149.4	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
MANX WATERS	IS134	Closed															150.4	149.4	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
MANX WATRS (fish waste)	IS435	Closed															150.4	149.4	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
DOUGLAS (I.O.M)	IS400	Open															164.2	163.2	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
PEEL (I.O.M)	IS420	Open															164.2	163.2	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
LIVERPOOL BAY (SLUDGE) B	IS071	Closed															164.4	163.5	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
LIVERPOOL BAY (SLUDGE)	IS070	Closed															164.5	163.6	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
LIVERPOOL BAY (INDUSTRIAL)	IS080	Closed															166.6	165.7	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
SITE I (NW LIGHT FLOAT)	IS090	Closed															167.4	166.5	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
Douglas Harbour (I.O.M)	IS445	Open															167.5	166.5	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
ARDMILLON	IS610	Closed															174.2	173.4	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
LAXEY BAY (I.O.M)	IS450	Closed															174.7	173.7	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
PORTAVOGIE	IS620	Open															175.2	174.3	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
SITE Y	IS150	Open															178.2	177.2	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
BHP PIPELINE ROUTE	IS149	Closed															178.5	177.6	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
POINT OF AYR FORESHORE	IS095	Closed															179.9	179.0	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
MOSTYN DEEP	IS101	Closed															180.5	179.7	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
MOSTYN DEEP (MAINTENANCE)	IS102	Open															180.5	179.7	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
Burbo Bank Extension OWF	IS135	Open															180.6	179.8	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
Mostyn Breakwater	IS103	Open															182.4	181.6	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
DEE ESTUARY	IS100	Closed															183.1	182.3	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
ISLE OF MAN SITE C	IS460	Closed															183.1	182.2	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
Walney OWF	IS215	Closed															187.3	186.3	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
SITE Z	IS140	Open															187.9	187.0	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
RAMSEY (I.O.M)	IS410	Closed															188.9	187.9	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
BHP PIPELINE ROUTE	IS148	Closed															189.0	188.1	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
SITE Z (ORIGINAL AREA)	IS145	Closed															191.6	190.8	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
BEAUFORTS DYKE, SCOTLAND	IS280	Closed															192.3	191.4	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
BELFAST DREDGINGS	IS540	Closed															192.5	191.6	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
Formby & Taylors Point	IS132	Closed															193.1	192.3	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
GATEWAY GAS STORAGE PROJECT	IS195	Closed															193.4	192.4	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
BEAUFORTS DYKE	IS260	Closed															194.1	193.2	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
BHP PIPELINE ROUTE	IS147	Closed															194.8	193.9	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
BANGOR	IS580	Closed															194.8	193.9	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
FOLLY ROAD	IS530	Closed															196.1	195.2	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
COPELAND ISLAND	IS600	Closed															196.3	195.4	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
Broughton	IS099	Open															198.9	198.1	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
CARRICKFERGUS	IS520	Closed															199.3	198.4	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
WALLASEY	IS130	Closed															200.2	199.4	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
BELFAST DREDGINGS B	IS595	Closed															200.2	199.4	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
BURROW HEAD B	IS300	Closed															200.4	199.4	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
MERSEY (MID-RIVER 2)	IS125	Closed															200.5	199.7	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
MERSEY (MID-RIVER SITE)	IS120	Open															200.7	199.8	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
EDEN	IS510	Closed															201.1	200.2	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
MERSEY (Liverpool Marina)	IS129	Open															201.6	200.8	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
MERSEY OF BROMBOROUGH	IS127	Closed															202.3	201.5	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
PRESTON	IS160	Closed															202.7	201.8	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
MERSEY OF BROMBOROUGH2	IS128	Disused															202.9	202.1	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
BELFAST SLUDGE	IS590	Closed															203.2	202.3	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
MIDDLE DEEP, MERSEY	IS270	Closed															203.8	203.0	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
MERSEY (GARSTON SITE)	IS110	Open															204.6	203.8	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
BLACK HEAD	IS500	Closed															205.7	204.8	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
BELFAST DREDGINGS C	IS591	Open															206.0	205.2	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
DRUMMORE	IS285	Closed															208.6	207.6	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
DRUMMORE A	IS286	Closed															208.7	207.7	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
DRUMMORE C	IS288	Closed															208.8	207.9	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
DRUMMORE B	IS287	Closed															208.9	207.9	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
BARROW D	IS205	Open															211.7	210.7	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
BARROW B	IS210	Closed															212.3	211.3	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
BARROW A	IS180	Disused															216.0	215.1	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
LARNE	MA600	Closed															216.7	215.8	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
BURROW HEAD A	IS310	Closed															217.4	216.4	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
LARNE B	MA601	Closed															218.3	217.4	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
LARNE A	MA605	Disused															218.3	217.4	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
MORECAMBE BAY: LUNE DEEP	IS170	Open															219.5	218.6	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
PORTPATRICK	IS290	Closed															220.2	219.3	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g
FLEETWOOD CHANNEL	IS171	Closed															223.2	222.2	Yes	e	e	g	e	e	e	e	e	e	g	g	g	g	g	g	g	g

STRANRAER	MA015	Closed															223.2	222.4	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
RIVER WYRE ESTUARY	IS175	Closed															223.3	222.3	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
NORTH CHANNEL, SCOTLAND	MA010	Disused															223.4	222.6	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
MORECAMBE BAY B	IS200	Open															224.0	223.0	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
CARNLOUGH B	MA585	Closed															230.4	229.5	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
CARNLOUGH A	MA581	Closed															230.7	229.8	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
CARNLOUGH	MA580	Closed															230.9	230.0	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
LUNE RIVER	IS190	Closed															234.1	233.2	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
LUNE RIVER B	IS192	Open															234.4	233.4	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
WHITEHAVEN	IS230	Closed															234.8	233.8	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
SALTOM BAY	IS220	Closed															235.3	234.3	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
HARRINGTON HARBOUR	IS231	Closed															243.4	242.4	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
Kirkcudbright	MA012	Open															245.9	244.9	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
WORKINGTON ANCHORAGE	IS241	Open															246.0	245.0	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
West Balnapaling	IS320	Open															246.1	245.1	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
SOLWAY FIRTH	IS240	Open															246.5	245.5	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
MARYPORT HARBOUR DISPERSIVE SITE B	IS244	Closed															254.8	253.8	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
MARYPORT HARBOUR DISPERSIVE	IS245	Closed															255.0	254.0	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
SILLOTH B	IS251	Open															270.7	269.7	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g
SILLOTH	IS250	Closed															273.1	272.1	Yes	e	e	g	e	e	e	g	e	e	g	g	g	g	g	g	g

Offshore Cumulative

			Construction Period (red outline denotes the Proposed Development offshore construction period)														Ordered by distance			
Project/Provisional licence	Developer	Status of Development	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Distance to the Proposed Development Array (km)	Distance to the Proposed Development Cable Corridor and Working Area (km)	ICES Celtic Sea 7a	ICES Celtic Sea
EIS Area 1	dCarbonX	10 year NSTA Licence															180.4	179.4	Yes	Yes
CCS Cork Project	Ervia Gas Networks Ireland	In Planning															181.1	180.54	No	Yes

Project/Provisional licence	Coastal Processes	Marine Water and Sediment Quality	Airborne Noise	Benthic Subtidal and Intertidal Ecology	Fish, Shellfish and Sea Turtle Ecology	Marine Mammals	Offshore Ornithology	Offshore Bat Activity	Commercial Fisheries	Shipping and Navigation	Civil and Military Aviation	Seascape, Landscape & Visual Amenity	Marine Archaeology	Infrastructure and Other Users	Air Quality and Climate	Population and Human Health
EIS Area 1	e	e	g	e	e	g	g	e	e	g	g	g	g	g	g	g
CCS Cork Project	e	e	g	e	e	g	g	e	e	g	g	g	g	g	g	g

Offshore Cumulative Effects Assessment Matrix - Shipping & Ports - Celtic sea region

		Construction Period (red outline denotes the Proposed Development offshore construction period)														Ordered by distance																	
Feature	Area/Country	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Distance to the Proposed Development Array Area (km)	Distance to the Proposed Development Cable Corridor and Working Area (km)	ICES Celtic Sea 7a	ICES Celtic Sea	Coastal Processes	Marine Water and Sediment Quality	Airborne Noise	Benthic Subtidal and Intertidal Ecology	Fish, Shellfish and Sea Turtle Ecology	Marine Mammals	Offshore Ornithology	Offshore Bat Activity	Commercial Fisheries	Shipping and Navigation	Civil and Military Aviation	Seascape, Landscape & Visual Amenity	Marine Archaeology	Infrastructure and Other Users	Air Quality and Climate	Population and Human Health
Port	Dublin															52.5	51.6	Yes	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g	g
Port	Rosslare															52.9	52.3	Yes	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g	g
Port	Bremore															80.6	79.7	Yes	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g	g
Traffic Separation Scheme Lanes	Off Skerries															84.7	83.7	Yes	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g	g
Traffic Separation Zones	Off Skerries															85.7	84.7	Yes	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g	g
Traffic Separation Scheme Lanes	Off Skerries															85.7	84.7	Yes	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g	g
Traffic Separation Scheme Lanes	Off Skerries															86.8	85.8	Yes	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g	g
Traffic Separation Zones	Off Smalls															90.9	90.3	Yes	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g	g
Port	FISHGUARD															99.1	98.4	Yes	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g	g
Traffic Separation Scheme Lanes	Off Skerries															105.2	104.2	Yes	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g	g
Areas to be Avoided	Between the Smalls Lighthouse and Grassholme Island															105.7	105	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g	g
Port	KILKEEL															126.0	125.1	Yes	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g	g
Traffic Separation Scheme Lanes	In Liverpool Bay															161.3	160.4	Yes	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g	g
Traffic Separation Zones	In Liverpool Bay															162.5	161.6	Yes	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g	g
Traffic Separation Scheme Lanes	In Liverpool Bay															163.3	162.4	Yes	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g	g
Port	DOUGLAS															167.0	166.0	Yes	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g	g
Areas to be Avoided	In Liverpool Bay															168.5	167.6	Yes	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g	g
Traffic Separation Zones	In Liverpool Bay															170.2	169.3	Yes	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g	g
Port	LIVERPOOL BAY TERMINAL															171.2	170.3	Yes	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g	g
Port	CORK															180.4	179.8	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g	g
Port	RAMSEY															186.0	185.0	Yes	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g	g
Port	BELFAST															189.1	188.2	Yes	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g	g
Port	PORT TALBOT															190.7	190	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g	g
Port	KILROOT															202.6	201.7	Yes	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g	g
Port	FOYNES															211.4	204.3	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g	g
Port	HEYSHAM															233.8	232.8	Yes	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g	g
Port	WORKINGTON															236.9	235.9	Yes	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g	g
Port	KILRUSH															237.3	229.8	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g	g
Port	LONDONDERRY															248.9	248	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g	g
Traffic Separation Scheme Lanes	In the North Channel															257	256.1	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g	g
Traffic Separation Zones	In the North Channel															259.1	258.2	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g	g
Traffic Separation Zones	Off Land's End, Between Seven Stones and Longships															260.4	259.9	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g	g
Traffic Separation Scheme Lanes	Off Land's End, Between Seven Stones and Longships															260.5	260	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g	g
Traffic Separation Zones	Off Land's End, Between Seven Stones and Longships															260.5	259.9	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g	g
Traffic Separation Scheme Lanes	South of the Scilly Isles															260.5	335.7	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g	g
Traffic Separation Zones	South of the Scilly Isles															260.5	332	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g	g
Traffic Separation Scheme Lanes	Off Land's End, Between Seven Stones and Longships															260.6	260	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g	g
Traffic Separation Scheme Lanes	In the North Channel															261.2	260.3	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g	g
Traffic Separation Scheme Lanes	In the North Channel															269.3	268.4	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g	g

Traffic Separation Scheme Lanes	In the North Channel																275.7	274.8	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g
Inshore Traffic Zones	Off Land's End, Between Seven Stones and Longships																279.1	278.5	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g
Inshore Traffic Zones	Isles of Scilly																282.9	282.3	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g
Port	AYR																295.8	294.9	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g
Traffic Separation Zones	West of the Scilly Isles																295.9	295.4	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g
Traffic Separation Scheme Lanes	West of the Scilly Isles																296.1	295.6	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g
Traffic Separation Zones	West of the Scilly Isles																296.6	296.1	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g
Traffic Separation Scheme Lanes	West of the Scilly Isles																297	296.5	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g
Traffic Separation Zones	South of the Scilly Isles																324.2	323.7	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g
Traffic Separation Scheme Lanes	South of the Scilly Isles																327	326.5	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g
Traffic Separation Zones	Off Casquets																358.3	357.6	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g
Traffic Separation Scheme Lanes	Off Casquets																361.8	361.1	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g
Traffic Separation Zones	Off Casquets																370.6	369.8	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g
Traffic Separation Scheme Lanes	Off Casquets																379.3	378.6	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g
Traffic Separation Scheme Lanes	Off Casquets																390.7	389.9	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g
Traffic Separation Zones	Off Casquets																390.7	389.9	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g
Deep Water Route Part	Deep Water route west of the Hebrides																450.9	450	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g
Traffic Separation Scheme Lanes	Off Neist Point in The Minches																501.7	500.8	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g
Traffic Separation Scheme Lanes	Off Neist Point in The Minches																501.7	500.8	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g
Traffic Separation Zones	Off Neist Point in The Minches																502.3	501.4	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g
Traffic Separation Scheme Lanes	Off Neist Point in The Minches																505.5	504.6	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g
Traffic Separation Scheme Lanes	Off Neist Point in The Minches																507.2	506.3	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g
Areas to be Avoided	In the Region of the Orkney Islands																672.8	671.9	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g
Areas to be Avoided	Area to be avoided 2 - In the region of the Shetland Islands																805.2	804.2	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g
Precautionary Areas	Precautionary area 3 - In the region of the Shetland Islands																807.3	806.3	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g
Precautionary Areas	Precautionary area 1 - In the region of the Shetland Islands																897.1	896.2	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g
Areas to be Avoided	Area to be avoided 2 - In the region of the Shetland Islands																902	901.1	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g
Areas to be Avoided	Area to be avoided 1 - In the region of the Shetland Islands																904.3	903.3	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g
Areas to be Avoided	Area to be avoided 1 - In the region of the Shetland Islands																904.3	903.3	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g
Areas to be Avoided	Area to be avoided 1 - In the region of the Shetland Islands																908.9	908	No	Yes	g	e	g	e	g	e	e	e	e	g	g	g	g	g	g

Offshore Cumulative Effects Assessment Matrix - Aquaculture - Celtic Sea region

Site ID	Licence Holder	County	Product	Construction Period (red outline denotes the Proposed Development offshore construction period) 2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Ordered by distance: Distance to the Proposed Development Array Area (km)	Distance to the Proposed Development Cable Corridor and Working Area (km)	ICES Celtic Sea 7a	ICES Celtic Sea	Coastal Processes	Marine Water and Sediment Quality	Airborne Noise	Benthic Subtidal and Intertidal Ecology	Fish, Shellfish and Sea Turtle Ecology	Marine Mammals	Offshore Ornithology	Offshore Bat Activity	Commercial Fisheries	Shipping and Navigation	Civil and Military Aviation	Seascape, Landscape & Visual Amenity	Marine Archaeology	Infrastructure and Other Users	Air Quality and Climate	Population and Human Health
T32-027A	Irish Mussel Seed Company Ltd	Wicklow	Shellfish															9.9	5.3	Yes	Yes	g	c	g	c	g	e	g	a	a	g	g	g	c	e	g	g
T03-035C	Wexford Mussels Ltd	Wexford	Shellfish															45.0	44.4	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T03-055F&C	Crescent Seafoods Ltd	Wexford	Shellfish															45.1	44.5	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T03-052A	WD Shellfish Ltd	Wexford	Shellfish															45.2	44.6	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T03-049B	River Bank Mussels Ltd	Wexford	Shellfish															45.6	45.0	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T03-046B	Fjord Fresh Mussels Ltd	Wexford	Shellfish															45.8	45.2	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T03-030F	T.L. Mussels Ltd	Wexford	Shellfish															45.8	45.3	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T03-035F&G	Wexford Mussels Ltd.	Wexford	Shellfish															45.9	45.3	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T03-046A	Fjord Fresh Mussels Ltd	Wexford	Shellfish															46.0	45.5	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T03-030E	T.L. Mussels Ltd	Wexford	Shellfish															46.2	45.6	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T03-071A	River Bank Mussels Ltd	Wexford	Shellfish															46.2	45.6	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T03-048A	Noel & Sheila Scallan	Wexford	Shellfish															46.3	45.7	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T03-052B	WD Shellfish Ltd	Wexford	Shellfish															46.7	46.1	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T03-035A	Wexford Mussels Ltd	Wexford	Shellfish															46.7	46.1	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T03-035B	Wexford Mussels Ltd	Wexford	Shellfish															47.2	46.6	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T03-047C	Loch Garman Harbour Mussels Ltd	Wexford	Shellfish															47.4	46.9	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T03-055E	Crescent Seafoods Ltd	Wexford	Shellfish															47.6	47.1	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T03-030B	T.L. Mussels Ltd	Wexford	Shellfish															47.6	47.1	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T03-049A	River Bank Mussels Ltd	Wexford	Shellfish															47.7	47.1	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T03-049D	River Bank Mussels Ltd	Wexford	Shellfish															47.8	47.2	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T03-030D	T.L. Mussels Ltd	Wexford	Shellfish															48.3	47.7	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T03-030A2	T.L. Mussels Ltd	Wexford	Shellfish															48.3	47.8	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T03-046C	Fjord Fresh Mussels Ltd	Wexford	Shellfish															48.6	48.0	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T03-047A	Loch Garman Harbour Mussels Ltd	Wexford	Shellfish															48.6	48.0	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T03-049C	River Bank Mussels Ltd	Wexford	Shellfish															48.9	48.3	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T03-092A	Patrick Cullen	Wexford	Shellfish															49.2	48.6	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T03-047B	Loch Garman Harbour Mussels Ltd	Wexford	Shellfish															49.5	48.9	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T03-030C	T.L. Mussels Ltd	Wexford	Shellfish															49.6	49.1	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T03-079A	Paddy Cullen	Wexford	Shellfish															49.7	49.1	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T03-049C1	River Bank Mussels Ltd	Wexford	Shellfish															50.0	49.4	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T03-095A	Johnny Neville and Jeannette Brugman	Wexford	Shellfish															68.5	67.9	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T03-038A	Ballyteigue Oysters Ltd	Wexford	Shellfish															68.5	68.0	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T03-032B	Special Bannow Bay Shellfish Ltd	Wexford	Shellfish															72.1	71.5	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T03-032-1	Special Bannow Bay Shellfish Ltd	Wexford	Shellfish															72.3	71.7	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T03-041-1A	Eugene Fitzpatrick	Wexford	Shellfish															72.3	71.7	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T03-041B	Eugene Fitzpatrick	Wexford	Shellfish															72.4	71.8	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T03-041-1B	Eugene Fitzpatrick	Wexford	Shellfish															72.5	71.9	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T03-031B	Bannow Island Shellfish Ltd	Wexford	Shellfish															72.5	71.9	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T03-032A	Special Bannow Bay Shellfish Ltd	Wexford	Shellfish															72.5	71.9	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T03-031A	Bannow Island Shellfish Ltd	Wexford	Shellfish															72.5	71.9	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T03-031-1	Sean Ffrench, Bannow Island Shellfish Ltd	Wexford	Shellfish															72.5	71.9	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T03-025-1	Hookhead Shellfish Ltd	Wexford	Shellfish															72.7	72.2	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T03-041A	Eugene Fitzpatrick	Wexford	Shellfish															72.9	72.3	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T03-025B	Hookhead Shellfish Ltd	Wexford	Shellfish															73.2	72.6	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T03-025A	Hookhead Shellfish Ltd	Wexford	Shellfish															73.7	73.1	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-037D	South East Shellfish Co-Op Ltd	Waterford	Shellfish															81.0	80.5	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-151A	Oceanus Fishing Ltd	Waterford	Shellfish															81.2	80.6	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-037A	South East Shellfish Co-Op Ltd	Waterford	Shellfish															81.2	80.7	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-123A	Woodstown Bay Shellfish Ltd	Waterford	Shellfish															81.6	81.0	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-123B	Woodstown Bay Shellfish Ltd	Waterford	Shellfish															82.3	81.7	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-152A	Oceanus Fishing Ltd	Waterford	Shellfish															82.8	82.3	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-140	S.B.S. Ltd	Waterford	Shellfish															83.7	83.1	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-139	Patrick Dwyer	Waterford	Shellfish															83.9	83.3	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-134	William Joseph Dwyer	Waterford	Shellfish															84.0	83.4	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-136	Bells Isle Seafood Ltd and PKD Oysters Ltd	Waterford	Shellfish															84.2	83.7	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-137	Patrick Moran	Waterford	Shellfish															84.3	83.8	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-135	Philip Walsh	Waterford	Shellfish															84.4	83.8	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-133	Paul Bennett	Waterford	Shellfish															84.5	83.9	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-138	Patrick Moran & Anthony Fortune	Waterford	Shellfish															84.6	84.0	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-044	Woodstown Bay Shellfish Ltd	Waterford	Shellfish															84.8	84.2	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-131	Woodstown Bay Shellfish Ltd	Waterford	Shellfish															84.9	84.3	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-037E	South East Shellfish Co-Op Ltd	Waterford	Shellfish															85.3	84.7	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-044-1	Woodstown Bay Shellfish Ltd	Waterford	Shellfish															85.3	84.7	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-156A	Irish Seed Mussel Company Ltd	Waterford	Shellfish															85.8	85.2	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-155A	Irish Seed Mussel Company Ltd	Waterford	Shellfish															86.2	85.6	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-154A	Irish Seed Mussel Company Ltd	Waterford	Shellfish															86.6	86.0	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-153A	Irish Seed Mussel Company Ltd	Waterford	Shellfish															87.1	86.5	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T01-101A	Ciarán Traynor	Louth	Shellfish															121.9	121.0	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T01-100A	Keenan Oysters Ltd	Louth	Shellfish															122.5	121.6	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T01-025C	Carlingford Oyster Company Ltd	Louth	Shellfish															122.5	121.6	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T01-102A	Gary Lamph & Charm Louet-Feisser	Louth	Shellfish															122.7	121.8	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T01-018A	Cooley Oysters Ltd	Louth	Shellfish															123.0	122.1	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T01-108A	Cooley Oysters Ltd	Louth	Shellfish															123.2	122.3	Yes	Yes	g	e	g	e	g	e	g	e	e	g	g	g	e	e	g	g
T01-021	Cooley Oysters Ltd	Louth	Shellfish															123.5	122.6	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T01-107A	Cooley Oysters Ltd	Louth	Shellfish															123.7	122.8	Yes	Yes	g	e	g	e	g	e	g	e	e	g	g	g	e	e	g	g
T01-121A	Cooley Oysters Ltd	Louth	Shellfish															123.7	122.8	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T01-018B	Cooley Oysters Ltd	Louth	Shellfish															124.0	123.1	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T01-094A	Cooley Oysters Ltd	Louth	Shellfish															124.1	123.2	Yes	Yes	g	e	g	e	g	e	g	e	e	g	g	g	e	e	g	g
T01-118A	Keenan Oysters Ltd	Louth	Shellfish															124.4	123.5	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T01-026A	Keenan Oysters Ltd	Louth	Shellfish															124.6	123.7	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T01-089A	Keenan Oysters Ltd	Louth	Shellfish															124.7	123.7	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T01-117A	Keenan Oysters Ltd	Louth	Shellfish															124.7	123.8	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T01-044A	Carlingford Oyster Company Ltd	Louth	Shellfish															124.8	123.9	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T01-043A	Kian Louet-Feisser	Louth	Shellfish															124.9	124.0	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T01-020	Cooley Oysters Ltd	Louth	Shellfish															125.0	124.0	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T01-025A	Carlingford Oyster Company Ltd	Louth	Shellfish															125.0	124.1	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T01-019	Cooley Oysters Ltd	Louth	Shellfish															125.0	124.1	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T01-043C	Charm Louet-Feisser	Louth	Shellfish															125.1	124.2	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T01-024	Keenan Oysters Ltd	Louth	Shellfish															125.3	124.4	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T01-120A	Conan Lamph	Louth	Shellfish															125.3	124.4	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g

T01-043B	Charm Louet-Feisser	Louth	Shellfish															125.4	124.5	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T01-060A1	Hugh McCrum	Louth	Shellfish															125.4	124.5	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T01-044B	Carlingford Oyster Company Ltd	Louth	Shellfish															125.6	124.7	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T01-008A	Carlingford Oyster Company Ltd	Louth	Shellfish															125.7	124.8	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T01-023A	Keenan Oysters Ltd	Louth	Shellfish															126.0	125.1	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T01-004	Keenan Oysters Ltd	Louth	Shellfish															126.2	125.3	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T01-009	Cooley Oysters Ltd	Louth	Shellfish															126.3	125.4	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T01-071A	HolLand Based Shellfish International BV	Louth	Shellfish															126.4	125.5	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T01-012	Cooley Oysters Ltd	Louth	Shellfish															126.4	125.5	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T01-072B1	Fresco Seafoods Ltd	Louth	Shellfish															126.5	125.6	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-020-1	Green Oysters Ltd	Waterford	Shellfish															126.8	126.2	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-023B	PKA Ltd	Waterford	Shellfish															126.8	126.2	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T01-050A1	Carlingford Lough Shellfish Co-op Society ltd	Louth	Shellfish															126.8	125.9	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-004A	Iasc Sliogach Dún Garbhán Teoranta	Waterford	Shellfish															126.8	126.3	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-017B	Bia Mara (Deise) Teo	Waterford	Shellfish															126.9	126.4	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-066	Odhrán MacMurchadha	Waterford	Shellfish															127.2	126.6	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-017A	Bia Mara (Deise) Teo	Waterford	Shellfish															127.2	126.6	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-021	David J Cullinan	Waterford	Shellfish															127.2	126.7	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-057	Green Oysters Ltd	Waterford	Shellfish															127.2	126.7	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-141A	Green Oysters Ltd	Waterford	Shellfish															127.2	126.7	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-059A	Green Oysters Ltd	Waterford	Shellfish															127.2	126.7	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-004B	Iasc Sliogach Dún Garbhán Teoranta	Waterford	Shellfish															127.3	126.7	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-023A	PKA Ltd	Waterford	Shellfish															127.4	126.8	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-038	Bia Mara (Deise) Teo	Waterford	Shellfish															127.5	126.9	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-147A	PKA Ltd	Waterford	Shellfish															127.5	126.9	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-014A	James Harty	Waterford	Shellfish															127.5	126.9	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T01-105A	Down Mussels Ltd	Louth	Shellfish															127.5	126.6	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-018B	Patrick Cullen	Waterford	Shellfish															127.5	127.0	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-032	Tom Barron	Waterford	Shellfish															127.6	127.0	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-129A	Bia Mara (Deise) Teo	Waterford	Aquatic Plant, Shellfish															127.6	127.1	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-011A	PKA Ltd	Waterford	Shellfish															127.7	127.1	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-020A	Criostóir O'Cionnfhaolaidh	Waterford	Shellfish															127.7	127.2	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-146	PKA Ltd	Waterford	Shellfish															127.7	127.2	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-143A	Mark Steele	Waterford	Shellfish															127.7	127.2	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-049	Bia Mara (Deise) Teo	Waterford	Shellfish															127.7	127.2	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-014-1A	James Harty	Waterford	Shellfish															127.7	127.2	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-017F	Bia Mara (Deise) Teo	Waterford	Shellfish															127.8	127.2	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-053A	Seamus Hayes	Waterford	Shellfish															127.8	127.2	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-129B	Bia Mara (Deise) Teo	Waterford	Aquatic Plant, Shellfish															127.8	127.2	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-054B	PRODUCTION CHIRON ATD LTD.	Waterford	Shellfish															127.8	127.2	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-033	Bia Mara (Deise) Teo	Waterford	Shellfish															127.8	127.3	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-032-1	Tom Barron	Waterford	Shellfish															127.8	127.3	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-065A	Tadhg O'Maoileoin	Waterford	Shellfish															127.9	127.3	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-060A	Tadhg O'Maoileoin Teo	Waterford	Shellfish															127.9	127.3	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-048A	APA Shellfish Farming Ltd	Waterford	Shellfish															127.9	127.3	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-047A	Tadhg O'Maoileoin	Waterford	Shellfish															127.9	127.3	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-058A	APA Shellfish Farming Ltd	Waterford	Shellfish															127.9	127.3	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-064	Tadhg O'Maoileoin	Waterford	Shellfish															127.9	127.3	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-060C	Tadhg O'Maoileoin	Waterford	Shellfish															127.9	127.3	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-060B	Tadhg O'Maoileoin	Waterford	Shellfish															127.9	127.3	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-017D	Bia Mara (Deise) Teo	Waterford	Shellfish															127.9	127.3	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-017C	Bia Mara (Deise) Teo	Waterford	Shellfish															127.9	127.4	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-018C	PKA Ltd	Waterford	Shellfish															127.9	127.4	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-017E	Bia Mara (Deise) Teo	Waterford	Shellfish															127.9	127.4	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-055A	Bia Mara (Deise) Teo	Waterford	Shellfish															127.9	127.4	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-127A	PKA Ltd	Waterford	Shellfish															128.0	127.5	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-126B2	Tadhg O'Maoileoin Teo	Waterford	Shellfish															128.1	127.5	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-126C	Tadhg O'Maoileoin Teo	Waterford	Shellfish															128.1	127.5	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-126A	Tadhg O'Maoileoin Teo	Waterford	Shellfish															128.1	127.5	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-126B1	Tadhg O'Maoileoin Teo	Waterford	Shellfish															128.1	127.5	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-129D	Bia Mara (Deise) Teo	Waterford	Aquatic Plant, Shellfish															128.1	127.6	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-150A	James Harty	Waterford	Shellfish															128.1	127.6	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-125A	PKA Ltd	Waterford	Shellfish															128.1	127.6	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-054-1	PRODUCTION CHIRON ATD LTD.	Waterford	Shellfish															128.1	127.6	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-054A	PRODUCTION CHIRON ATD LTD.	Waterford	Shellfish															128.3	127.8	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T01-103A	A. McCarthy Mussels Ltd	Louth	Shellfish															128.4	127.5	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-129C	Bia Mara (Deise) Teo	Waterford	Aquatic Plant, Shellfish															128.4	127.8	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T04-142A	Bia Mara (Deise) Teo	Waterford	Shellfish															128.4	127.8	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T01-050C	Carlingford Lough Shellfish Co-op Society Ltd	Louth	Shellfish															129.4	128.5	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T01-029B	Liam O'Connor	Louth	Shellfish															129.4	128.5	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T01-066A	Emerald Mussels Ltd	Louth	Shellfish															130.1	129.2	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T01-061A1	Ciaran Morgan	Louth	Shellfish															130.4	129.5	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T01-070A1	HOLLAND SHELLFISH IRELAND	Louth	Shellfish															130.5	129.6	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T01-074A2	Emerald Mussels Ltd	Louth	Shellfish															130.5	129.6	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T01-090A	Fresco Seafoods Ltd	Louth	Shellfish															132.1	131.2	Yes	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-491A	Baile Mhic Coda Iascliogáin Teo	Cork	Shellfish															155.1	154.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-482A	Baile Mhic Coda Iascliogáin Teo	Cork	Shellfish															155.2	154.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-395	Marc Perdriel	Cork	Shellfish															155.4	154.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-002OFO	Atlantic Shellfish Ltd	Cork	Shellfish															174.1	173.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-017OFO	Atlantic Shellfish Ltd	Cork	Shellfish															175.8	175.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-294A	Fota Oyster Farm Ltd	Cork	Aquatic Plant, Shellfish															178.2	177.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-522A	Atlantic Shellfish Ltd	Cork	Finfish															179.5	178.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-231	PKC Oysters Ltd	Cork	Shellfish															199.1	198.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-392	PKC Oysters Ltd	Cork	Shellfish															199.3	198.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-081	Jamie Dwyer T/A Haven Shellfish	Cork	Shellfish															200.2	199.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-588A	Jamie Dwyer T/A Haven Shellfish	Cork	Shellfish															200.4	199.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-589A	Jamie Dwyer T/A Haven Shellfish	Cork	Shellfish															200.6	200.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-007AOFO	Oyster Fishery Company	Galway	Shellfish															201.3	191.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-065	William Moran	Galway	Shellfish															202.6	192.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-018	Crushoa Oyster Rights	Galway	Shellfish															203.3	193.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-005A	St George Fishery Co-Op	Galway	Shellfish															203.4	193.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-472A	Woodstown Bay Shellfish Ltd	Cork	Shellfish															203.5	202.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-241	Rainer Krause	Galway	Shellfish															204.1	193.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-463A	Mattie Larkin	Galway	Shellfish															204.1	194.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-020	Rainer Krause	Galway	Shellfish															204.3	194.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-387	Beobio Teoranta	Galway	Shellfish															204.4	194.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g

T05-007	Kinsale Harbour Comm	Cork	Shellfish	204.8	204.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-346	David Krause	Galway	Shellfish	204.8	194.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-309	Daniel Krause	Galway	Shellfish	205.1	194.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-453A	Eugene Dillon	Galway	Shellfish	205.2	195.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-530A	Kinsale Oysterhaven Seafood Ltd	Cork	Shellfish	205.3	204.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-482A	James Linnane	Galway	Shellfish	205.4	195.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-530C	Kinsale Oysterhaven Seafood Ltd	Cork	Shellfish	205.6	205.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-500A	Thomas Connolly	Galway	Shellfish	205.6	195.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-414	Thomas Connolly	Galway	Shellfish	205.7	195.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-530B	Kinsale Oysterhaven Seafood Ltd	Cork	Shellfish	205.9	205.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-470A	Patrick J Martyn	Galway	Shellfish	206.1	196.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T07-007	Shannon Shellfish Ltd	Limerick	Shellfish	206.2	199.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-373B	Declan Ashe	Galway	Shellfish	207.1	197.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-332	Brian Martyn	Galway	Shellfish	207.2	197.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-374A	Michael Irwin	Galway	Shellfish	207.6	197.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-504A	Michael Irwin	Galway	Shellfish	207.6	197.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-373A	Declan Ashe	Galway	Shellfish	207.6	197.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-375A	De Burca Oysters Ltd	Galway	Shellfish	207.7	198.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-376B	Keanes Seafood Ltd	Galway	Shellfish	208.0	198.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-501A	Thomas Connolly	Galway	Shellfish	208.0	197.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-377A	Galway Gourmet Oysters Ltd	Galway	Shellfish	208.3	198.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-376A	Keanes Seafood Ltd	Galway	Shellfish	208.6	198.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-520A	Galway Gourmet Oysters Ltd	Galway	Shellfish	208.7	198.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-424	Rainer Krause	Galway	Shellfish	209.4	199.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-512A	Dara Vaughan	Galway	Aquatic Plant, Shellfish	209.7	199.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T08-004AOFO	Atlantic Shellfish Ltd	Clare	Shellfish	212.1	205.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T08-063	Pouldoody Aquaculture Ltd	Clare	Shellfish	212.1	201.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T08-114A	Cartron Point Shellfish Ltd	Clare	Aquatic Plant	212.4	202.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T08-112A	Eamonn Chesser	Clare	Shellfish	212.5	202.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T08-111A	Eamonn Chesser	Clare	Shellfish	212.5	202.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T08-084B	Dolphin Seafarms Ltd	Clare	Shellfish	212.6	202.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T08-016	Feargal Langley	Clare	Shellfish	212.9	202.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T08-002OFO	Irish Oyster Aqua Ltd	Clare	Shellfish	213.2	202.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T08-074	Clareaqua Ltd.	Clare	Shellfish	214.4	204.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T11-003C	John Farr	Sligo	Shellfish	228.3	225.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T11-002A	Noelle Woodsen	Sligo	Shellfish	228.8	226.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T11-003B	John Farr	Sligo	Shellfish	229.0	226.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T11-056B	Dorrins Shellfish Ltd	Sligo	Shellfish	229.1	227.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T11-003A	John Farr	Sligo	Shellfish	229.1	226.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T11-041A	Ongrow Shellfish Ltd	Sligo	Shellfish	229.2	227.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T11-056A	Dorrins Shellfish Ltd	Sligo	Shellfish	229.3	227.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T11-002B	Noelle Woodsen	Sligo	Shellfish	229.3	226.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T11-041B	Ongrow Shellfish Ltd	Sligo	Shellfish	229.3	227.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T11-057B	Lurgan Green Shellfish Ltd	Sligo	Shellfish	229.4	227.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T11-081A	Lurgan Green Shellfish Ltd	Sligo	Shellfish	229.4	227.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-603A	AC Oyster Ltd	Cork	Shellfish	229.5	228.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T11-082A	Ongrow Shellfish Ltd	Sligo	Shellfish	229.5	227.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T11-084A	Patrick Carter	Sligo	Shellfish	229.5	227.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T11-057A	Lurgan Green Shellfish Ltd	Sligo	Shellfish	229.6	227.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T11-011A	Alexander Crichton	Sligo	Shellfish	229.8	227.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T11-083A	Coney Island Shellfish Ltd	Sligo	Shellfish	230.3	228.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T11-002C	Noelle Woodsen	Sligo	Shellfish	230.3	228.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T11-030D	Coney Island Shellfish Ltd	Sligo	Shellfish	230.3	228.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T11-030B	Coney Island Shellfish Ltd	Sligo	Shellfish	230.3	228.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T11-088A	Eoin Carter	Sligo	Shellfish	231.0	229.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T11-005A	Jan W Prinz	Sligo	Shellfish	231.1	228.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T08-004BOFO	Atlantic Shellfish Ltd	Clare	Shellfish	231.2	224.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T11-086A	Eamonn Caffrey	Sligo	Shellfish	231.2	229.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T11-089A	Mark Wirtz	Sligo	Shellfish	231.4	229.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T11-090A	Glen Hunter	Sligo	Shellfish	231.7	229.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T11-075A	Coney Island Shellfish Ltd	Sligo	Shellfish	232.3	230.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T11-078A	David Fowley	Sligo	Shellfish	232.4	230.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T11-050A	Sea Trawl Ltd.	Sligo	Shellfish	232.8	231.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T11-016A	Armada Shellfish Company Ltd	Sligo	Shellfish	233.1	231.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T11-009BOFO	Jocelyn Gore-Booth	Sligo	Shellfish	233.2	231.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T11-009AOFO	Jocelyn Gore-Booth	Sligo	Shellfish	233.5	231.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T11-076A	Atlantic Clams Ireland Ltd	Sligo	Shellfish	234.3	232.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T11-025A	Atlantic Clams Ireland Ltd	Sligo	Shellfish	234.3	232.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-233	Cromane Seafoods Ltd	Kerry	Shellfish	234.5	227.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T11-076B	Atlantic Clams Ireland Ltd	Sligo	Shellfish	235.2	233.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T11-076C	Atlantic Clams Ireland Ltd	Sligo	Shellfish	235.2	233.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-331A	Ballylongford Shellfish Producers Group	Kerry	Shellfish	236.5	229.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-331-A	Ballylongford Shellfish Producers Group	Kerry	Shellfish	236.5	229.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-009	Donegal Shellfish Ltd	Donegal	Shellfish	237.9	237.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-463A	Paul McHugh	Donegal	Shellfish	238.0	237.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-350A	Paul & George McHugh	Donegal	Shellfish	238.0	237.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-465A	Paul McHugh	Donegal	Shellfish	238.2	237.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-350B	Paul & George McHugh	Donegal	Shellfish	238.3	237.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-370A	Peter Tighe	Kerry	Shellfish	238.4	231.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-374A	Seabreeze Ltd	Donegal	Shellfish	238.5	237.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-463B	Paul McHugh	Donegal	Shellfish	238.5	237.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-092C	Seabreeze Ltd	Donegal	Shellfish	238.6	237.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-092B	Seabreeze Ltd	Donegal	Shellfish	238.8	237.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-467D	Seabreeze Ltd	Donegal	Shellfish	238.8	238.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-402D	Seabreeze Ltd	Donegal	Shellfish	238.8	238.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-467C	Seabreeze Ltd	Donegal	Shellfish	239.4	238.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-402B	Seabreeze Ltd	Donegal	Shellfish	239.4	238.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-092A	Seabreeze Ltd	Donegal	Shellfish	239.5	238.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-347C	Peter Tighe	Kerry	Shellfish	239.5	232.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-467B	Seabreeze Ltd	Donegal	Shellfish	239.7	238.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-401C	Eugene Doherty, Conor Reid & Greg McGroary	Donegal	Shellfish	239.8	239.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-347B	Peter Tighe	Kerry	Shellfish	239.9	232.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-347A	Racoo Shellfish Ltd & Bells Isle Seafood Ltd	Donegal	Shellfish	240.1	239.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-467A	Seabreeze Ltd	Donegal	Shellfish	240.1	239.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T08-095C	Michael McMahon	Clare	Shellfish	240.1	232.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T08-008OFO	Mr & Mrs Glen Driver	Clare	Shellfish	240.2	232.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-401B	Eugene Doherty, Conor Reid & Greg McGroary	Donegal	Shellfish	240.2	239.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T08-101B	Aiden F Casey	Clare	Shellfish	240.2	232.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T08-095B	Michael McMahon	Clare	Shellfish	240.2	232.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T08-097B	Poulnasherry Oysters Ltd	Clare	Shellfish	240.2	232.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g

T08-096B	Moyasta Oysters Ltd	Clare	Shellfish															240.2	232.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T08-099B	Mairead Mahoney	Clare	Shellfish															240.3	232.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T08-097A	Poulnasherry Oysters Ltd	Clare	Shellfish															240.3	232.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T08-099A	Mairead Mahoney	Clare	Shellfish															240.3	232.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T08-096A	Moyasta Oysters Ltd	Clare	Shellfish															240.3	232.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T08-101A	Aiden F Casey	Clare	Shellfish															240.4	232.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-402C	Seabreeze Ltd	Donegal	Shellfish															240.4	239.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T08-102B	Michael Egan	Clare	Shellfish															240.4	232.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T08-095A	Michael McMahon	Clare	Shellfish															240.4	232.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-401A	Eugene Doherty, Conor Reid & Greg McGroary	Donegal	Shellfish															240.4	239.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T08-095D	Michael McMahon	Clare	Shellfish															240.4	232.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T08-102A	Michael Egan	Clare	Shellfish															240.5	232.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-347A	Peter Tighe	Kerry	Shellfish															240.5	233.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T08-094B	THOMAS BLUNNIE	Clare	Shellfish															240.5	233.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T08-086A	Thomas Blunnie	Clare	Shellfish															240.6	233.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T08-097C	Poulnasherry Oysters Ltd	Clare	Shellfish															240.7	233.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T08-098A	Brendan Garvey	Clare	Shellfish															240.7	233.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-346A	Donegal Oysters Ltd	Donegal	Shellfish															240.7	239.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T08-096C-E	Moyasta Oysters Ltd	Clare	Shellfish															240.7	233.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T08-097E	Poulnasherry Oysters Ltd	Clare	Shellfish															240.8	233.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T08-098B	Brendan Garvey	Clare	Shellfish															240.8	233.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T08-097D	Poulnasherry Oysters Ltd	Clare	Shellfish															240.8	233.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-243D	Donegal Oysters Ltd	Donegal	Shellfish															240.9	240.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T08-096D	Moyasta Oysters Ltd	Clare	Shellfish															240.9	233.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T08-096E	Moyasta Oysters Ltd	Clare	Shellfish															240.9	233.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T08-098C	Brendan Garvey	Clare	Shellfish															240.9	233.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T08-096F	Moyasta Oysters Ltd	Clare	Shellfish															240.9	233.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T08-096C-W	Moyasta Oysters Ltd	Clare	Shellfish															240.9	233.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-243C	Donegal Oysters Ltd	Donegal	Shellfish															240.9	240.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T08-099C	Mairead Mahoney	Clare	Shellfish															240.9	233.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-349A	Donegal Oceandeep Oysters Ltd	Donegal	Shellfish															241.0	240.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-145B	Donegal Oceandeep Oysters Ltd	Donegal	Shellfish															241.1	240.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T08-106A	Moyasta Oysters Ltd	Clare	Shellfish															241.1	233.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T08-108A	Brendan Garvey	Clare	Shellfish															241.2	233.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-011A	Brendan Kingston	Cork	Shellfish															241.2	240.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-243A	Donegal Oysters Ltd	Donegal	Shellfish															241.3	240.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-243B	Donegal Oysters Ltd	Donegal	Shellfish															241.3	240.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-446A	Donegal Aquaculture Services Ltd	Donegal	Shellfish															241.4	240.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-371A	Enda Travers	Donegal	Shellfish															241.4	240.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-145A	Donegal Oceandeep Oysters Ltd	Donegal	Shellfish															241.5	240.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-396	Donegal Oceandeep Oysters Ltd & Donegal Oysters Ltd	Donegal	Shellfish															241.6	240.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-443A	Rory McHugh	Donegal	Shellfish															242.6	241.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-428A	Kieran, Michael, Paul & Thomas McHugh	Donegal	Echinoderm															243.5	242.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-63	Mr Joe Rose	Donegal	Finfish															245.3	244.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-063A	Comhlucht Iascaireachta Fanad Teoranta	Donegal	Finfish															245.4	244.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-063B	Comhlucht Iascaireachta Fanad Teoranta	Donegal	Finfish															245.5	244.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-276A	Ocean Farm Ltd	Donegal	Finfish															246.3	245.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-535A	Damien Kennedy	Donegal	Aquatic Plant, Echinoderm, Shellfish															246.3	245.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-276B	Ocean Farm Ltd	Donegal	Finfish															246.4	245.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-538A	Gary Kennedy	Donegal	Aquatic Plant, Echinoderm, Shellfish															246.4	245.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-96	Comhlucht Iascaireacht Fanad Teoranta	Donegal	Finfish															246.4	245.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-096A	Comhlucht Iascaireachta Fanad Teoranta	Donegal	Finfish															246.4	245.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-078-1	Udaras na Gaeltachta	Galway	Shellfish															246.5	237.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-096B	Comhlucht Iascaireachta Fanad Teoranta	Donegal	Finfish															246.5	245.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-381D	Ocean Farm Ltd	Donegal	Shellfish															246.8	246.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-381C	Ocean Farm Ltd	Donegal	Shellfish															246.9	246.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-318B	Ocean Farm Ltd	Donegal	Finfish															247.0	246.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-318B	Ocean Farm Ltd	Donegal	Finfish															247.0	246.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-318B	Ocean Farm Ltd	Donegal	Finfish															247.0	246.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-318A	Ocean Farm Ltd	Donegal	Finfish															247.1	246.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-381B	Ocean Farm Ltd	Donegal	Shellfish															247.1	246.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-381A	Ocean Farm Ltd	Donegal	Shellfish															247.2	246.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-276C	Ocean Farm Ltd	Donegal	Finfish															247.4	246.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-266E	Ocean Farm Ltd	Donegal	Finfish															248.6	247.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-404A	Natura Mussels Ltd	Donegal	Shellfish															249.2	248.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-404B	Natura Mussels Ltd	Donegal	Shellfish															249.2	248.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-266F	Ocean Farm Ltd	Donegal	Finfish															249.6	248.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-266D	Ocean Farm Ltd	Donegal	Finfish															249.7	248.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-266C	Ocean Farm Ltd	Donegal	Finfish															250.1	249.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-064A	Gerard McMenamin	Donegal	Shellfish															250.2	249.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-425A	Natura Mussels Ltd	Donegal	Shellfish															250.3	249.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-456A	Ballyloughan Shellfish Ltd	Donegal	Shellfish															250.5	249.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-266A	Ocean Farm Ltd	Donegal	Finfish															250.5	249.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-425B	Natura Mussels Ltd	Donegal	Shellfish															250.6	249.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-266B	Ocean Farm Ltd	Donegal	Finfish															250.6	249.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-062B	Ballyloughan Shellfish Ltd	Donegal	Shellfish															250.7	249.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T08-116A	Gerry Keyes	Clare	Shellfish															251.1	243.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T08-117A	Rinemac Shellfish Ltd	Clare	Shellfish															251.2	244.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T08-078	Gearoid Lyons	Clare	Shellfish															251.3	244.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T08-055A	Martin McKeown	Clare	Shellfish															253.8	246.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-010OFO	Beirtreach Teoranta	Galway	Shellfish															255.1	245.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-149A	Bradán Beo Teoranta	Galway	Finfish															255.4	245.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-009OFO	Beirtreach Teoranta	Galway	Shellfish															255.4	245.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-119C	Bradán Beo Teoranta	Galway	Finfish															256.0	245.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-141A	Bradán Beo Teoranta	Galway	Finfish															256.0	246.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-539A	Francis McHugh & Andrew McHugh	Donegal	Aquatic Plant															256.0	255.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-146A	Bradán Beo Teoranta	Galway	Finfish															256.8	246.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-037B2	Lough Swilly Shellfish Growers Co-op Society Ltd	Donegal	Shellfish															257.9	257.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-004	Tralee Oyster Fisheries Society Ltd	Kerry	Shellfish															258.0	253.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-105C	Bradán Beo Teoranta	Galway	Finfish															258.0	248.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-037B4	Lough Swilly Shellfish Growers Co-op Society Ltd	Donegal	Shellfish															258.1	257.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-136A	Bradán Beo Teoranta	Galway	Finfish															258.1	248.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-119B	Bradán Beo Teoranta	Galway	Finfish															258.5	248.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-119A	Bradán Beo Teoranta	Galway	Finfish															258.9	248.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-343A	Alan O'Sullivan	Donegal	Shellfish															259.0	258.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g

T10-326A	Dinsdale Raddatz	Mayo	Shellfish															259.0	255.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-309A	PKM Oysters Ltd	Mayo	Shellfish															259.2	255.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-037A1	Lough Swilly Shellfish Growers Co-op Society Ltd	Donegal	Shellfish															259.4	258.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-125N2	Bantry Harbour Mussels Ltd	Cork	Shellfish															259.4	258.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-325A	Sean Bourke	Mayo	Shellfish															259.8	255.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-005	Clew Bay Oyster CO-OP Society Ltd	Mayo	Shellfish															259.8	253.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-114A	Bradán Beo Teoranta	Galway	Finfish															259.8	250.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-069N2	Saltspray Mussel Technology Ltd	Cork	Shellfish															260.0	259.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-060N6	Bantry Harbour Mussels Ltd	Cork	Shellfish															260.1	259.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-203A	Bradán Beo Teoranta	Galway	Finfish															260.2	250.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-053N1	SALTSPRAY MUSSEL TECHNOLOGY	Cork	Shellfish															260.4	259.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-069N3	Saltspray Mussel Technology Ltd	Cork	Shellfish															260.4	259.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-214N3	Fundy Shellfish Products Ltd	Cork	Shellfish															260.5	259.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-067N5	Southward Ltd	Cork	Shellfish															260.5	260.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-037B1	Lough Swilly Shellfish Growers Co-op Society Ltd	Donegal	Shellfish															260.7	259.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-060N5	Bantry Harbour Mussels Ltd	Cork	Shellfish															260.7	260.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-203B	Bradán Beo Teoranta	Galway	Finfish															260.9	251.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-069N1	Saltspray Mussel Technology Ltd	Cork	Shellfish															260.9	260.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-067N4	Southward Ltd	Cork	Shellfish															261.1	260.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-037A2	Lough Swilly Shellfish Growers Co-op Society Ltd	Donegal	Shellfish															261.2	260.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-069N4	Saltspray Mussel Technology Ltd	Cork	Shellfish															261.5	260.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-125N1	Bantry Harbour Mussels Ltd	Cork	Shellfish															261.5	261.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-069N7	Saltspray Mussel Technology Ltd	Cork	Shellfish															261.5	261.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-069N8	Saltspray Mussel Technology Ltd	Cork	Shellfish															261.6	261.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-060N1	Bantry Harbour Mussels Ltd	Cork	Shellfish															261.6	261.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-067N6	Southward Ltd	Cork	Shellfish															261.6	261.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-053N2	SALTSPRAY MUSSEL TECHNOLOGY	Cork	Shellfish															261.6	261.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-251A	Conor Blake	Donegal	Shellfish															261.6	260.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-293	Carrowholly Shellfish Ltd	Mayo	Shellfish															261.7	254.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-060N3	Bantry Harbour Mussels Ltd	Cork	Shellfish															261.7	261.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-299A	Irish Oysters Harvest Ltd	Mayo	Shellfish															261.7	254.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-053N6	SALTSPRAY MUSSEL TECHNOLOGY	Cork	Shellfish															261.7	261.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-053N5	SALTSPRAY MUSSEL TECHNOLOGY	Cork	Shellfish															261.7	261.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-069N5	Saltspray Mussel Technology Ltd	Cork	Shellfish															261.7	261.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-604A	Bantry Harbour Mussels Ltd	Cork	Shellfish															261.8	261.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-053N3	SALTSPRAY MUSSEL TECHNOLOGY	Cork	Shellfish															261.8	261.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-059N1	SALTSPRAY MUSSEL TECHNOLOGY	Cork	Shellfish															261.9	261.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-245	Carrowholly Shellfish Ltd	Mayo	Shellfish															261.9	255.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-060N2	Bantry Harbour Mussels Ltd	Cork	Shellfish															262.0	261.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-059N2	SALTSPRAY MUSSEL TECHNOLOGY	Cork	Shellfish															262.0	261.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-069N6	Saltspray Mussel Technology Ltd	Cork	Shellfish															262.2	261.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-067N2	Southward Ltd	Cork	Shellfish															262.2	261.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-214N2	Fundy Shellfish Products Ltd	Cork	Shellfish															262.3	261.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-053N4	Fastnet Mussels Ltd	Cork	Shellfish															262.4	261.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-067N3	Southward Ltd	Cork	Shellfish															262.4	261.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-067N1	Southward Ltd	Cork	Shellfish															262.4	261.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-060N4	Bantry Harbour Mussels Ltd	Cork	Shellfish															262.5	261.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-214N1	Fundy Shellfish Products Ltd	Cork	Shellfish															262.5	262.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-388A	Sam Lowes	Kerry	Shellfish															262.7	261.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-298B	Sean O'Grady	Mayo	Shellfish															262.7	255.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-600A	Whiddy Scallops Ltd	Cork	Shellfish															262.9	262.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-276N2	Denis Hourihan	Cork	Shellfish															263.1	262.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-292B	Padraic Gannon	Mayo	Shellfish															263.1	256.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-336	Charles O'Malley	Mayo	Shellfish															263.1	256.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-058N8	Seal Harbour Enterprises Ltd	Cork	Shellfish															263.2	262.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-278E	Sean O'Grady	Mayo	Shellfish															263.2	256.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-599A	Whiddy Scallops Ltd	Cork	Shellfish															263.3	262.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-114B	Bradán Beo Teoranta	Galway	Finfish															263.3	253.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-335A	Rosmoney Shellfish Ltd	Mayo	Shellfish															263.3	256.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-251B	Conor Blake	Donegal	Shellfish															263.3	262.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-278D	Sean O'Grady	Mayo	Shellfish															263.4	256.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-302B	Connemara Seafoods Ltd	Mayo	Shellfish															263.5	256.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-276N1	Denis Hourihan	Cork	Shellfish															263.5	263.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-058N7	Seal Harbour Enterprises Ltd	Cork	Shellfish															263.5	263.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-020OFO	Glengarriff Fish Farming Co-op	Cork	Shellfish															263.5	262.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-278C	Sean O'Grady	Mayo	Shellfish															263.5	256.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-058N6	Seal Harbour Enterprises Ltd	Cork	Shellfish															263.6	263.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-292A	Padraic Gannon	Mayo	Shellfish															263.6	257.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-302A	Connemara Seafoods Ltd	Mayo	Shellfish															263.6	257.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-298A	Donegal Aquaculture Services Ltd	Mayo	Shellfish															263.7	256.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-202-1	Sean O'Grady	Mayo	Shellfish															263.7	256.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-278B	Sean O'Grady	Mayo	Shellfish															263.7	256.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-298C	Sean O'Grady	Mayo	Shellfish															263.8	256.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-278A	Sean O'Grady	Mayo	Shellfish															263.9	257.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-460A	Charlie McHugh	Donegal	Shellfish															264.1	263.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-284	Atlantic Crab Ltd.	Donegal	Shellfish															264.2	263.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-161A	Charles McHugh	Donegal	Shellfish															264.4	263.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-403A	Charles McHugh	Donegal	Shellfish															264.4	263.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-304D	Maitias Burke	Mayo	Shellfish															264.4	257.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-304C	Maitias Burke	Mayo	Shellfish															264.5	257.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-058N2	Seal Harbour Enterprises Ltd	Cork	Shellfish															264.7	264.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-058N1	Seal Harbour Enterprises Ltd	Cork	Shellfish															264.7	264.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-073B	Rosmoney Shellfish Ltd	Mayo	Shellfish															264.7	258.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-058N3	Seal Harbour Enterprises Ltd	Cork	Shellfish															264.9	264.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-162A	Charles McHugh	Donegal	Shellfish															264.9	264.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-058N4	Seal Harbour Enterprises Ltd	Cork	Shellfish															265.0	264.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-305A	Rosmoney Shellfish Ltd	Mayo	Shellfish															265.0	258.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-311N1	Colin Whooley	Cork	Shellfish															265.0	264.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-565	Loughros Beg Specials Ltd	Donegal	Shellfish															265.0	264.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-255N1	Michael Crowley	Cork	Shellfish															265.2	264.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-093A	Marine Institute	Galway	Finfish															265.3	256.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-255N3	Michael Crowley	Cork	Shellfish															265.3	264.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-175B	Killary Fjord Shellfish Ltd	Galway	Shellfish															265.3	257.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-392B	Black Pearl Shellfish Ltd	Galway	Shellfish															265.4	257.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-172N1	Michael O'Neill	Cork	Shellfish															265.5	264.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-211N1	Patrick & Daniel Murphy	Cork	Shellfish															265.5	264.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-172N2	Michael O'Neill	Cork	Shellfish															265.5	265.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-244N1	Patrick Leonard	Cork	Shellfish															265.5	265.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-011AOFO	Beirtreach Teoranta	Galway	Shellfish															265.6	255.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-568N1	Frank O'Dwyer	Cork	Shellfish															265.6	265.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g

T05-212N1	Patrick Murphy	Cork	Shellfish															265.6	265.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-135	Coleman McDonagh	Galway	Shellfish															265.6	257.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-396B	Brian Spellman	Galway	Shellfish															265.6	257.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-572N1	Brian Murnane & John O'Leary	Cork	Shellfish															265.6	265.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-254N3	Turkhead Enterprises Ltd	Cork	Shellfish															265.7	265.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-239N1	Michael, Ann & Dominic Casey	Cork	Shellfish															265.8	265.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-357A	Skibbereen Shellfish Ltd	Cork	Shellfish															265.8	265.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-422A	Online Mussels Ltd	Galway	Shellfish															265.8	257.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-422-1A	Online Mussels Ltd	Galway	Shellfish															265.8	257.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-317B	Purple Spade Ltd	Galway	Shellfish															265.8	257.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-313B	Online Mussels Ltd	Galway	Shellfish															265.9	257.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-082N4	Greenline Shellfish Ltd	Cork	Shellfish															265.9	265.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-311N2	Colin Whooley	Cork	Shellfish															266.0	265.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-184B	Kevin Lydon	Galway	Shellfish															266.0	257.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-498A	Barry McGuiness	Donegal	Shellfish															266.0	265.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-172N3	Michael O'Neill	Cork	Shellfish															266.0	265.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-199B	Killary Fish Farming Co-operative Society Ltd	Galway	Shellfish															266.0	257.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-201	Rosemary Purcell	Kerry	Shellfish															266.1	264.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-005	Tralee Bay Shellfish Co-Op Society Ltd	Kerry	Shellfish															266.2	261.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-244N2	Patrick Leonard	Cork	Shellfish															266.2	265.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-211C	Inishowen Mussels Ltd	Donegal	Shellfish															266.2	265.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-353NI	Raymond Duggan	Cork	Shellfish															266.2	265.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-051B	Brid Kavanagh	Galway	Shellfish															266.2	258.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-002	Beirtreach Teoranta	Donegal	Shellfish															266.3	265.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-341B	Kevin Lydon	Galway	Shellfish															266.3	258.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-308B	Michael Lydon	Galway	Shellfish															266.3	258.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-296B	Online Mussels Ltd	Galway	Shellfish															266.3	258.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-082N1	Greenline Shellfish Ltd	Cork	Shellfish															266.4	265.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-255N2	Michael Crowley	Cork	Shellfish															266.4	265.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-334N1	Frank McCarthy	Kerry	Shellfish															266.4	262.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-254N5	Turkhead Enterprises Ltd	Cork	Shellfish															266.4	265.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-171B	LETTERGESH MUSSELS LTD	Galway	Shellfish															266.4	258.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-295A	Templenoe Oysters Ltd	Kerry	Shellfish															266.5	264.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-389B	Black Pearl Shellfish Ltd	Galway	Shellfish															266.5	258.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-241N1	Michael Collins	Cork	Shellfish															266.6	266.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-361B	Jim O'Malley	Galway	Shellfish															266.6	258.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-372B	Bartley O'Malley	Galway	Shellfish															266.6	258.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-239N3	Michael, Ann & Dominic Casey	Cork	Shellfish															266.6	266.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-363	Eddie Nee	Galway	Shellfish															266.6	258.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-549A	Frank O'Dwyer	Cork	Shellfish															266.6	266.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-179B	Kush Seafarms Ltd	Kerry	Shellfish															266.6	264.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-388B	Peter Nee	Galway	Shellfish															266.8	258.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-014AOFO	Michael Joseph Moran	Mayo	Shellfish															266.8	260.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-311N3	Colin Whooley	Cork	Shellfish															266.8	266.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-394B	Edward Nee Jnr	Galway	Shellfish															266.8	258.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-281N1	Ronan O'Neill	Cork	Shellfish															266.8	266.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-385B	Purple Spade Ltd	Galway	Shellfish															266.8	258.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-076B	Michael Lydon	Galway	Shellfish															266.8	258.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-340B	Owen & P Teahan Shellfish Ltd	Kerry	Shellfish															266.9	262.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-211N2	Patrick & Daniel Murphy	Cork	Shellfish															266.9	266.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-498A	Patrick Murphy	Cork	Shellfish															267.0	266.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-243N1	Denis Whooley	Cork	Shellfish															267.0	266.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-301B	Sullivan, McCarthy Mussel Development Ltd	Kerry	Shellfish															267.0	263.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-311N5	Colin Whooley	Cork	Shellfish															267.0	266.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-005OFO	Atlantic Shellfish Ltd	Cork	Shellfish															267.0	266.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-401B	Michael James Laffey	Galway	Shellfish															267.0	258.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-239N2	Michael, Ann & Dominic Casey	Cork	Shellfish															267.2	266.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-301C	Blackshell Farm Ltd	Mayo	Shellfish															267.2	260.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-357D	Skibbereen Shellfish Ltd	Cork	Shellfish															267.2	266.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-326N2	Atlantic Seafarms Ltd	Cork	Shellfish															267.2	266.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-198	Patrick Gavin	Mayo	Shellfish															267.3	260.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-005B	Skibbereen Shellfish Ltd	Cork	Shellfish															267.3	266.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-483B	Frank O'Dwyer	Cork	Shellfish															267.4	266.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-301B	Blackshell Farm Ltd	Mayo	Shellfish															267.4	260.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-254N2	Turkhead Enterprises Ltd	Cork	Shellfish															267.5	267.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-005D	Skibbereen Shellfish Ltd	Cork	Shellfish															267.5	267.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-341	BLACKSHELL FARM LTD	Mayo	Shellfish															267.5	261.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-301A	Blackshell Farm Ltd	Mayo	Aquatic Plant, Shellfish															267.5	261.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-155	Comhlacht Bradain Chonamara Teo	Galway	Finfish															267.6	258.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-005C	Skibbereen Shellfish Ltd	Cork	Shellfish															267.6	267.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-433	Saltspray Mussel Technology Ltd	Cork	Shellfish															267.6	267.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-277B	Michael Scannell	Kerry	Shellfish															267.7	263.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-311A	Michael Scannell	Kerry	Shellfish															267.7	263.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-311N4	Colin Whooley	Cork	Shellfish															267.7	267.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-483C	Skibbereen Shellfish Ltd	Cork	Shellfish															267.7	267.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-614A	Atlantic Sea Farm Ltd	Cork	Shellfish															267.7	267.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-082N3	Greenline Shellfish Ltd	Cork	Shellfish															267.7	267.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-319N1	Atlantic Seafarms Ltd	Cork	Shellfish															267.7	267.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-127B	Sliogeisc Baigh Gaothbarra Teo	Donegal	Shellfish															267.8	267.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-357B	Skibbereen Shellfish Ltd	Cork	Shellfish															267.8	267.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-326N1	Atlantic Seafarms Ltd	Cork	Shellfish															267.9	267.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-107	Comhlucht Bradain Chonamara Teo	Galway	Finfish															267.9	258.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-546A	Sliogeisc Baigh Gaothbarra Teo	Donegal	Shellfish															267.9	267.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-343A	Teahan Partners	Kerry	Shellfish															267.9	263.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-254N4	Turkhead Enterprises Ltd	Cork	Shellfish															268.0	267.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-254N1	Turkhead Enterprises Ltd	Cork	Shellfish															268.0	267.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-357C	Skibbereen Shellfish Ltd	Cork	Shellfish															268.0	267.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-474B	Sherkin Oysters Ltd	Cork	Shellfish															268.1	267.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-058N5	Seal Harbour Enterprises Ltd	Cork	Shellfish															268.1	267.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-311N6	Colin Whooley	Cork	Shellfish															268.1	267.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-311N7	Colin Whooley	Cork	Shellfish															268.1	267.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-474A	Sherkin Oysters Ltd	Cork	Shellfish															268.2	267.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-277A	Michael Scannell	Kerry	Shellfish															268.2	264.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-495A-N	Saltspray Mussel Technology Ltd	Cork	Shellfish															268.2	267.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-277C	Michael Scannell	Kerry	Shellfish															268.3	264.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-082N2	Greenline Shellfish Ltd	Cork	Shellfish															268.3	267.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-252B	Sherkin Oysters Ltd	Cork	Shellfish															268.3	267.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-506N1	Jonathon Harmon	Cork	Shellfish															268.3	267.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-301A	Sullivan, McCarthy Mussel Development Ltd	Kerry	Shellfish															268.4	264.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g

T09-317A	Purple Spade Ltd	Galway	Shellfish	268.4	260.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-342A	Liam O'Connor	Kerry	Shellfish	268.5	264.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-310B	John O'Sullivan	Kerry	Shellfish	268.5	264.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-291A	John Sammon and Michael Sammon	Mayo	Shellfish	268.5	261.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-313A	Online Mussels Ltd	Galway	Shellfish	268.5	260.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-288B	Inishowen Mussels Ltd	Donegal	Shellfish	268.5	267.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-252A	Sherkin Oysters Ltd	Cork	Shellfish	268.6	268.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-304A	Teahan Partners	Kerry	Shellfish	268.6	264.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-171A	LETTERGESH MUSSELS LTD	Galway	Shellfish	268.6	260.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-291B	Cromane Oysters Ltd	Kerry	Shellfish	268.7	264.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-310A	John O'Sullivan	Kerry	Shellfish	268.7	264.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-259A	Pat Costello	Kerry	Shellfish	268.7	264.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-483A	Sliogeisc Ba Traigheanna Teo	Donegal	Shellfish	268.7	267.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-296A	Online Mussels Ltd	Galway	Shellfish	268.9	260.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-440	Turk Head Enterprises	Cork	Aquatic Plant	268.9	268.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-482A	Sliogeisc Ba Traigheanna Teo	Donegal	Shellfish	268.9	268.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-252D	Sherkin Oysters Ltd	Cork	Shellfish	268.9	268.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-67A	Feirm Farraige Oilean Chliara Teo	Mayo	Finfish	269.0	262.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-291A	Cromane Oysters Ltd	Kerry	Shellfish	269.0	265.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-308A	SEAFAYRE LTD	Mayo	Aquatic Plant, Shellfish	269.0	262.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-388A	Peter Nee	Galway	Shellfish	269.0	260.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-598A	Michael Crowley	Cork	Shellfish	269.0	268.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-557N1	Michael Collins	Cork	Shellfish	269.0	268.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-554N1	Atlantic Seafarms Ltd	Cork	Shellfish	269.0	268.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-361A	Jim O'Malley	Galway	Shellfish	269.0	260.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-559N1	Jonathan Harmon	Cork	Shellfish	269.0	268.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-562N1	Patrick J Leonard	Cork	Shellfish	269.0	268.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-507A	Killary Fjord Shellfish Ltd	Galway	Shellfish	269.1	260.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-484A	Sliogeisc Ba Traigheanna Teo	Donegal	Shellfish	269.2	268.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-067A	Feirm Farraige Oilean Chliara Teo	Mayo	Finfish	269.2	262.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-339A	Cromane Point Oysters Ltd	Kerry	Shellfish	269.2	265.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-267C	Cromane Point Oysters Ltd	Kerry	Shellfish	269.3	265.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-490A	Oisiri Min An Chairn Teoranta	Donegal	Shellfish	269.3	268.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-429A	Dingle Bay Shellfish Ltd	Kerry	Shellfish	269.3	265.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-408B	Black Pearl Shellfish Ltd	Galway	Shellfish	269.4	261.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-340A	Dingle Bay Shellfish Ltd	Kerry	Shellfish	269.4	265.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-217A	Martin Brennan	Donegal	Shellfish	269.4	268.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-412A	Sliogeisc Ba Traigheanna Teo	Donegal	Shellfish	269.4	268.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-054B	Feirm Farraige Oilean Chliara Teo	Mayo	Finfish	269.5	262.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-076A	CLUGGAM MUSSELS LTD	Galway	Shellfish	269.5	261.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-380A	Martin Brennan	Donegal	Shellfish	269.6	268.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-408A	Black Pearl Shellfish Ltd	Galway	Shellfish	269.6	261.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-351A	Frank & Daniel McCarthy	Kerry	Shellfish	269.6	265.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-259B	Pat Costello	Kerry	Shellfish	269.6	265.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-306A	John O'Sullivan	Kerry	Shellfish	269.7	265.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-377A	Sliogeisc Ba Traigheanna Teo	Donegal	Shellfish	269.7	268.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-491A	Oisiri Min An Chairn Teoranta	Donegal	Shellfish	269.7	268.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-252G	Sherkin Oysters Ltd	Cork	Shellfish	269.7	269.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-252J	Sherkin Oysters Ltd	Cork	Shellfish	269.8	269.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-398A	Martin Nee	Galway	Shellfish	269.8	261.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-128A	Sliogeisc na Rossan Teoranta	Donegal	Shellfish	269.9	269.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-208	Sliogeisc Ba Traigheanna Teo	Donegal	Shellfish	269.9	269.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-372A	Bartley O'Malley	Galway	Shellfish	269.9	261.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-014OFO	Matt Murphy	Cork	Shellfish	270.0	269.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-128	Sliogeisc na Rossan	Donegal	Shellfish	270.0	269.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-054A	Feirm Farraige Oilean Chliara Teo	Mayo	Finfish	270.0	263.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-462A	Derek Diver	Donegal	Shellfish	270.1	269.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-489A	Oisiri Min An Chairn Teoranta	Donegal	Shellfish	270.1	269.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-128E	Sliogeisc na Rossan	Donegal	Shellfish	270.1	269.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-448A	Sliogeisc Na Rossan	Donegal	Shellfish	270.2	269.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-252F	Sherkin Oysters Ltd	Cork	Shellfish	270.2	269.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-313B	Reilly Shellfish Ltd.	Kerry	Shellfish	270.3	266.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-550N1	Mannin Seafoods Ltd	Cork	Shellfish	270.3	269.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-394A	Edward Nee Jnr	Galway	Shellfish	270.3	262.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-308A	Michael Lydon	Galway	Shellfish	270.3	262.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-313A	Reilly Shellfish Ltd.	Kerry	Shellfish	270.3	266.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-085B	Hydro Seafood Fanad	Donegal	Finfish	270.3	269.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-354A	Patrick O'Sullivan	Kerry	Shellfish	270.3	266.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-314A	Liam O'Connor	Kerry	Shellfish	270.4	266.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-499A	Mulroy Bay Mussels Ltd	Donegal	Shellfish	270.4	269.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-155-1	Comhluct Bradain Chonemara Teo Co. Ltd.	Galway	Finfish	270.4	260.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-268A	Michael Moroney	Kerry	Shellfish	270.4	266.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-329A	John Moran	Mayo	Shellfish	270.4	264.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-202C	Hector McIlwaine	Donegal	Shellfish	270.4	269.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-289	Liam O'Connor	Kerry	Shellfish	270.5	266.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-054C	Feirm Farraige Oilean Chliara Teo	Mayo	Finfish	270.5	263.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-255A	Cromane Seafoods Ltd.	Kerry	Shellfish	270.5	266.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-353A	Daniel McCarthy	Kerry	Shellfish	270.5	266.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-316A	Patrick J & Martin J Riordan	Kerry	Shellfish	270.5	266.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-196A	Dunmanus Bay Mussels Ltd	Cork	Shellfish	270.6	270.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-321A	SOFI Shellfish Ltd	Mayo	Shellfish	270.6	264.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-303A	McNulty Oyster Farms Ltd	Mayo	Shellfish	270.6	264.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-352A	Castlemaine Harbour Co-operative Society Ltd	Kerry	Shellfish	270.6	266.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-299A	Caragh Clams Ltd	Kerry	Shellfish	270.6	266.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-300A	Thomas Muldoon	Mayo	Shellfish	270.6	264.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-270B	Frank McCarthy	Kerry	Shellfish	270.6	266.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-202-1B	Hector McIlwaine	Donegal	Shellfish	270.6	269.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-389A	Black Pearl Shellfish Ltd	Galway	Shellfish	270.6	262.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-184A	Kevin Lydon	Galway	Shellfish	270.6	262.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-335A	John J Reilly T/A O'Reilly Shellfish	Kerry	Shellfish	270.7	266.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-547A	Bantry Marine Research Station Ltd	Cork	Aquatic Plant	270.7	270.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-278A	Arthur McCarthy	Kerry	Shellfish	270.7	266.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-439A	Cathal Daly	Cork	Shellfish	270.7	270.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-016A	Castlemaine Harbour Co-operative Society Ltd	Kerry	Shellfish	270.8	266.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-339A	Kevin Kilroy	Mayo	Shellfish	270.9	264.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-196B	Dunmanus Bay Mussels Ltd	Cork	Aquatic Plant, Echinoderm, Shellfish	270.9	270.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-267A	Cromane Point Oysters Ltd	Kerry	Shellfish	270.9	267.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-267D	Gerard O'Reilly	Kerry	Shellfish	270.9	267.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g

T05-122	Murphy's Irish Seafood Ltd	Cork	Finfish															271.0	270.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-342B	Atlantic Greenway Oysters Ltd	Mayo	Shellfish															271.0	264.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-385A	Purple Spade Ltd	Galway	Shellfish															271.0	262.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-309A	Jermiah & Denis Costello	Kerry	Shellfish															271.0	267.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-051A	Brid Kavanagh	Galway	Shellfish															271.0	262.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-067B	Feirm Farraige Oilean Chliara Teo	Mayo	Finfish															271.1	264.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-260A	John McManamon	Mayo	Shellfish															271.1	264.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-499N1	Patrick Murphy	Cork	Shellfish															271.2	270.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-342A	Atlantic Greenway Oysters Ltd	Mayo	Shellfish															271.2	264.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-473A	Jean Paul Mestre	Cork	Shellfish															271.2	270.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-288A	SOFI Shellfish Ltd	Mayo	Shellfish															271.2	264.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-366	Purple Spade Ltd	Galway	Shellfish															271.3	263.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-305A	Derek O'Sullivan	Kerry	Shellfish															271.3	267.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-007M	Castlemaine Harbour Co-operative Society Ltd	Kerry	Shellfish															271.4	267.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-279A	Anthony Legg	Mayo	Shellfish															271.4	264.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-262A	Teahan Partners	Kerry	Shellfish															271.5	267.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-392A	Black Pearl Shellfish Ltd	Galway	Shellfish															271.5	263.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-341A	CLUGGAM MUSSELS LTD	Galway	Shellfish															271.6	263.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-528N1	Colin Whooley	Cork	Shellfish															271.6	271.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-333A	Joseph McManamon	Mayo	Shellfish															271.7	265.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-556A	Trabay Ltd	Donegal	Shellfish															271.7	270.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-241	Tomás Hayes	Kerry	Shellfish															271.7	267.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-267B	Cromane Point Oysters Ltd	Kerry	Shellfish															271.8	267.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-334A	Padraig McManamon	Mayo	Shellfish															271.8	265.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-391A	Ciaran Coyne	Galway	Shellfish															271.8	263.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-199A	Killary Fish Farming Co-operative Society Ltd	Galway	Shellfish															271.9	263.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-294A	Fergal Guilfoyle	Mayo	Shellfish															271.9	265.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-290A	Michael Fahey	Mayo	Shellfish															271.9	265.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-394A	Trabay Ltd	Donegal	Shellfish															271.9	271.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-340	John McManamon	Mayo	Shellfish															272.0	265.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-268B	Michael Moroney	Kerry	Shellfish															272.0	268.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-128C	Sliogeisc na Rossan	Donegal	Shellfish															272.1	271.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-122A	Murphy's Irish Seafood Ltd	Cork	Finfish															272.1	271.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-525A	Ryan Moore	Donegal	Shellfish															272.1	271.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-276	SOFI Shellfish Ltd	Mayo	Shellfish															272.1	265.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-400	Liam Gerard Laffey	Galway	Shellfish															272.2	264.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-449A	Sliogeisc Na Rossan	Donegal	Shellfish															272.2	271.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-401A	Michael James Laffey	Galway	Shellfish															272.2	264.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-338A	SOFI Shellfish Ltd	Mayo	Shellfish															272.3	265.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-128D	Sliogeisc na Rossan	Donegal	Shellfish															272.3	271.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-389B	David Gallagher	Donegal	Shellfish															272.3	271.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-285A	Peter McManamon	Mayo	Shellfish															272.4	265.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-295A	Fergal Guilfoyle	Mayo	Shellfish															272.4	265.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-337	Atlantic Greenway Oysters Ltd	Mayo	Shellfish															272.4	266.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-283A	Thomas Muldoon	Mayo	Shellfish															272.4	265.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-477A	Sliogeisc Na Rossan	Donegal	Shellfish															272.5	271.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-399	Black Pearl Shellfish Ltd	Galway	Shellfish															272.5	264.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-397A	Online Mussels Ltd	Galway	Shellfish															272.5	264.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-389A	David Gallagher	Donegal	Shellfish															272.5	271.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-558N1	Atlantic Seafarms Ltd	Cork	Shellfish															272.6	272.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-527	Cathal McCauley	Donegal	Shellfish															272.7	271.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-480A	Lee Hunter	Donegal	Shellfish															272.8	271.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-053B	Mulroy Bay Mussels Ltd	Donegal	Shellfish															272.8	272.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-053C	Mulroy Bay Mussels Ltd	Donegal	Shellfish															272.8	272.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-479A	Jago Moulton	Donegal	Shellfish															272.9	272.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-288C	Inishowen Mussels Ltd	Donegal	Shellfish															272.9	272.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-536N1	Michael Casey	Cork	Shellfish															273.1	272.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-260B	Iasc Sliogach Uisce Leathan Teo	Donegal	Shellfish															273.3	272.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-209B	Iasc Sliogach Uisce Leathan Teo	Donegal	Shellfish															273.5	272.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-497N1	Turkhead Enterprises Ltd	Cork	Shellfish															273.5	272.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-209	Iasc Sliogach Uisce Leathan Teo	Donegal	Shellfish															273.6	272.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-430A	West Cork Seafoods Ltd	Cork	Shellfish															273.6	273.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-143	Mr. Padraic Doherty (in trust)	Galway	Finfish															273.6	265.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-212	Iasc Sliogach Uisce Leathan Teo	Donegal	Shellfish															273.6	272.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-203E	North West Shell Fish Ltd	Donegal	Shellfish															273.7	272.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-209A	Iasc Sliogach Uisce Leathan Teo	Donegal	Shellfish															273.7	272.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-056	Blackshell Farm Ltd	Mayo	Shellfish															273.8	267.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-252B	Martin Coll	Donegal	Shellfish															273.9	273.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-252A	Martin Coll	Donegal	Shellfish															273.9	273.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-252	Martin Coll	Donegal	Shellfish															273.9	273.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-011	Hector McIlwaine	Donegal	Shellfish															274.1	273.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-387A	North West Shell Fish Ltd	Donegal	Shellfish															274.1	273.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-011-1	Hector McIlwaine	Donegal	Shellfish															274.1	273.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-260C	Iasc Sliogach Uisce Leathan Teo	Donegal	Shellfish															274.2	273.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-555A	Bradan Fanad Teoranta	Cork	Finfish															274.3	273.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-260A	Iasc Sliogach Uisce Leathan Teo	Donegal	Shellfish															274.4	273.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-387B	North West Shell Fish Ltd	Donegal	Shellfish															274.4	273.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-203J	North West Shell Fish Ltd	Donegal	Shellfish															274.5	273.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-039A	Sneem Fishermens Co-Op Society Ltd	Kerry	Shellfish															274.5	272.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-77 (78)	Comhlucht Iascaireachta Fanad Teoranta	Donegal	Finfish															274.7	273.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-077F	Hydro Seafood Fanad	Donegal	Finfish															274.8	273.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-203C	North West Shell Fish Ltd	Donegal	Shellfish															274.9	274.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-203D	North West Shell Fish Ltd	Donegal	Shellfish															274.9	274.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-497A	Lorraine Gallagher	Donegal	Aquatic Plant															275.4	274.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-356A	Sneem Fishermens Co-Op Society Ltd	Kerry	Shellfish															275.5	273.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-625A	Dan O'Shea	Cork	Shellfish															275.7	275.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-203K	North West Shell Fish Ltd	Donegal	Shellfish															275.8	274.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-387G 3	North West Shell Fish Ltd	Donegal	Shellfish															276.4	275.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-77 E	Comhlucht Iascaireachta Fanad Teoranta	Donegal	Finfish															276.4	275.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-077E	Hydro Seafood Fanad	Donegal	Finfish															276.5	275.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-143A	Mr. Padraic Doherty (in trust)	Galway	Finfish															276.5	268.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-387G 2	North West Shell Fish Ltd	Donegal	Shellfish															276.7	275.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-623A	Dan O'Shea	Cork	Shellfish															276.8	276.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-205A	Ostre' An Teoranta	Donegal	Shellfish															277.2	276.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-203G	North West Shell Fish Ltd	Donegal	Shellfish															277.3	276.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-287A	David Gallagher	Donegal	Shellfish															277.3	276.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-387G 1	North West Shell Fish Ltd	Donegal	Shellfish															277.4	276.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-506A	Ostre' An Teoranta	Donegal	Shellfish															277.4	276.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-205C	Ostre' An Teoranta	Donegal	Shellfish															277.4	276.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-423A	Ostre' An Teoranta	Donegal	Shellfish															277.4	276.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-315A	Ostre' An Teoranta	Donegal	Shellfish															277.5	276.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g

T12-575	Oisirí Oileán Cróine Teoranta	Donegal	Shellfish															277.5	276.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-205B	Ostre' An Teoranta	Donegal	Shellfish															277.5	276.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-077D	Hydro Seafood Fanad	Donegal	Finfish															277.5	276.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-303A	Conal Hunter	Donegal	Shellfish															277.5	276.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-315N1	Caragh Clams Ltd	Kerry	Shellfish															277.6	273.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-304A	Charlie Doherty	Donegal	Shellfish															277.6	276.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-399A	Conal Hunter	Donegal	Shellfish															277.6	276.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-280B	Jean Yves Letanneur	Kerry	Shellfish															277.7	275.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-302A	Patrick Hunter	Donegal	Shellfish															277.7	276.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-400A	Philip Doherty	Donegal	Shellfish															277.7	276.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-302B	CONNOR HUNTER	Donegal	Shellfish															277.8	276.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-576	Scaladóir Na Doire Eadarúil Teoranta	Donegal	Shellfish															277.8	277.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-424A	Ostre' An Teoranta	Donegal	Shellfish															277.8	277.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-203F	North West Shell Fish Ltd	Donegal	Shellfish															277.8	276.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-287	David Gallagher	Donegal	Shellfish															277.8	277.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-399B	Conal Hunter	Donegal	Shellfish															277.9	277.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-084B	Dan O'Shea	Cork	Shellfish															277.9	277.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-422A	Ostre' An Teoranta	Donegal	Shellfish															278.0	277.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-77 B&D	Comhlucht Iascaireachta Fanad Teoranta	Donegal	Finfish															278.0	277.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-415A	Stephen Kearney	Donegal	Shellfish															278.0	277.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-420A	Anthony Kearney	Donegal	Shellfish															278.0	277.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-406A	Shaun McDaid	Donegal	Shellfish															278.0	277.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-077B	Hydro Seafood Fanad	Donegal	Finfish															278.1	277.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-360A	Patrick McDaid	Donegal	Shellfish															278.1	277.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-85B	Comhlucht Iascaireachta Fanad Teoranta	Donegal	Finfish															278.1	277.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-523A	Kearney Oysters Ltd	Donegal	Shellfish															278.1	277.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-418A	Stephen Kearney	Donegal	Shellfish															278.1	277.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-530A	John Friel (Friel Agri Marine)	Donegal	Shellfish															278.1	277.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-332A	Sneem Fishermens Co-Op Society Ltd	Kerry	Shellfish															278.2	276.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-231	Stephen Kearney	Donegal	Shellfish															278.2	277.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-084C	Dan O'Shea	Cork	Shellfish															278.2	277.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-549A	ASK Oysters Ltd	Donegal	Shellfish															278.3	277.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-429A	Stephen Kearney	Donegal	Shellfish															278.3	277.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-316A	Inish Sal Teoranta	Donegal	Shellfish															278.3	277.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-493A	Inish Sal Teoranta	Donegal	Shellfish															278.3	277.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-215	Anthony Kearney	Donegal	Shellfish															278.4	277.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-427B	Philip C Doherty	Donegal	Shellfish															278.4	277.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-522A	Oran Kearney	Donegal	Shellfish															278.4	277.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-550A	ASK Oysters Ltd	Donegal	Shellfish															278.4	277.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-624A	Dan O'Shea	Cork	Shellfish															278.4	277.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-281B	Philip Doherty	Donegal	Shellfish															278.4	277.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-084A	Dan O'Shea	Cork	Shellfish															278.4	277.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-427A	Philip C Doherty	Donegal	Shellfish															278.4	277.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-280A	Jean Yves Letanneur	Kerry	Shellfish															278.4	276.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-560A	Hurrikayn Oysters Ltd	Donegal	Shellfish															278.4	277.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-280-2	Jean Yves Letanneur	Kerry	Shellfish															278.4	276.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-528A	Hurrikayn Oysters Ltd	Donegal	Shellfish															278.4	277.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-520A	Kearney Oysters Ltd	Donegal	Shellfish															278.5	277.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-439A	James Ball	Donegal	Shellfish															278.5	277.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-203H	North West Shell Fish Ltd	Donegal	Shellfish															278.6	277.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-447A	Patrick McDaid	Donegal	Shellfish															278.6	277.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-359A	Bells Isle Seafoods Ltd	Donegal	Shellfish															278.6	277.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-390A	Sarah Walker	Kerry	Shellfish															278.6	277.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-367A	James Ball	Donegal	Shellfish															278.6	277.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-322A	James Ball	Donegal	Shellfish															278.6	277.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-363A	Bells Isle Seafoods Ltd	Donegal	Shellfish															278.6	277.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-436D	Danny McDermott	Donegal	Shellfish															278.6	277.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-333A	Danny McDermott	Donegal	Shellfish															278.6	277.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-436C	Danny McDermott	Donegal	Shellfish															278.7	277.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-375A	Barr Oysters Ltd	Donegal	Shellfish															278.7	277.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-332A	Barr Oysters Ltd	Donegal	Shellfish															278.7	277.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-345A	Derek Diver	Donegal	Shellfish															278.8	277.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-190A	Derek Diver	Donegal	Shellfish															278.8	277.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-345A-1	Derek Diver	Donegal	Shellfish															278.8	277.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-351A	Gerry Diver	Donegal	Shellfish															278.8	277.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-436B	Danny McDermott	Donegal	Shellfish															278.8	277.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-358A	Danny McDermott	Donegal	Shellfish															278.8	277.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-149B	Ross Shellfish Ltd	Kerry	Shellfish															278.8	277.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-368A	Crocknagee Oysters Ltd	Donegal	Shellfish															278.8	277.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-459A	Derek Diver	Donegal	Shellfish															278.8	277.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-486A	Martin Boyle	Donegal	Shellfish															278.8	278.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-457A	Derek Diver	Donegal	Shellfish															278.8	277.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-408A	Bantry Bay Mussels Ltd	Cork	Shellfish															278.8	278.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-436A	Danny McDermott	Donegal	Shellfish															278.8	277.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-492A	Derek Diver	Donegal	Shellfish															278.8	277.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-468A	Danny McDermott	Donegal	Shellfish															278.8	277.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-345B-1	Derek Diver	Donegal	Shellfish															278.8	277.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-386A	Alan Rankin	Donegal	Shellfish															278.9	278.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-547A	Daniel McGonigle	Donegal	Shellfish															278.9	278.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-384A	Philip Doherty	Donegal	Shellfish															278.9	278.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-454A	William Coffey	Donegal	Shellfish															278.9	278.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-473A	Michael Farren	Donegal	Shellfish															279.0	278.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-227	Alan & Cara Byrne	Donegal	Shellfish															279.0	278.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-370A	Anthony Coyne	Galway	Shellfish															279.0	270.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-353A	William Coffey	Donegal	Shellfish															279.0	278.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-064B	St. Killians Harvest Ltd.	Cork	Finfish															279.1	277.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-244A	Hurrikayn Oysters Ltd	Donegal	Shellfish															279.1	278.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-555A	Northern Bay Oysters Ltd	Donegal	Shellfish															279.1	278.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-383A	Hurrikayn Oysters Ltd	Donegal	Shellfish															279.2	278.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-553A	William Coffey	Donegal	Shellfish															279.2	278.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-387E	North West Shell Fish Ltd	Donegal	Shellfish															279.3	278.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-385A	John McKinney	Donegal	Shellfish															279.3	278.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-004OFO	Cleggan Lobster Fisheries	Galway	Shellfish															279.3	270.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-190	Declan O'Sullivan	Kerry	Shellfish															279.3	278.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-177	John McKinney	Donegal	Shellfish															279.4	278.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-437B	John McKinney	Donegal	Shellfish															279.4	278.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-557A	Oceanic Organic Oysters Ltd	Donegal	Shellfish															279.4	278.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-548A	Eamonn Scott	Donegal	Shellfish															279.4	278.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-355A	Shaun McKinney	Donegal	Shellfish															279.5	278.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-543A	Oceanic Organic Oysters Ltd	Donegal	Shellfish															279.5	278.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-558A	Oceanic Organic Oysters Ltd	Donegal	Shellfish															279.5	278.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-544A	Oceanic Organic Oysters Ltd	Donegal	Shellfish															279.5	278.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-336A	John McKinney	Donegal	Shellfish															279.5	278.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g

T12-437A	John McKinney	Donegal	Shellfish															279.5	278.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-466A	James Ball	Donegal	Shellfish															279.5	278.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-504A	James Ball	Donegal	Shellfish															279.6	278.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-77 C	Comhlucht Iascaireachta Fanad Teoranta	Donegal	Finfish															279.6	278.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-114	Kush Seafarms Ltd	Kerry	Shellfish															279.6	278.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-051	Curraun Fisheries Ltd	Mayo	Finfish															279.6	273.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-617A	Paul Cobb	Cork	Aquatic Plant															279.6	279.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-571A	James Ball	Donegal	Shellfish															279.6	278.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-203B	North West Shell Fish Ltd	Donegal	Shellfish															279.6	278.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-450B	Patrick Porteous	Donegal	Shellfish															279.6	278.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-229	Patrick Porteous	Donegal	Shellfish															279.6	278.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-488A	Lorcan Folan	Galway	Shellfish															279.7	271.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-077C	Hydro Seafood Fanad	Donegal	Finfish															279.7	278.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-540A	Philip Doherty	Donegal	Shellfish															279.7	278.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-450A	Patrick Porteous	Donegal	Shellfish															279.7	278.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-444A	Philip Doherty	Donegal	Shellfish															279.7	278.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-352A	Philip Doherty	Donegal	Shellfish															279.7	278.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-301	Philip Doherty	Donegal	Shellfish															279.8	278.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-064A	St. Killians Harvest Ltd	Kerry	Finfish															279.8	278.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-387F	North West Shell Fish Ltd	Donegal	Shellfish															279.8	279.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-453A	Oceanic Organic Oysters Ltd	Donegal	Shellfish															279.9	279.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-131	Patrick Cronin	Kerry	Shellfish															279.9	278.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-570A	Oceanic Organic Oysters Ltd	Donegal	Shellfish															279.9	279.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-568A	Oceanic Organic Oysters Ltd	Donegal	Shellfish															279.9	279.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-230A	Oceanic Organic Oysters Ltd	Donegal	Shellfish															279.9	279.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-562A	Atlantic Crab Ltd	Donegal	Shellfish															279.9	279.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-563A	Atlantic Crab Ltd	Donegal	Shellfish															279.9	279.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-106	Shamrock Shellfish Ltd	Kerry	Shellfish															279.9	278.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-475A	Michael & Eunan McLaughlin	Donegal	Shellfish															279.9	279.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-274A	Alan McGlinchey	Donegal	Shellfish															280.0	279.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-566A	Oceanic Organic Oysters Ltd	Donegal	Shellfish															280.0	279.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-426A	James Ball	Donegal	Shellfish															280.0	279.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-035A	Shamrock Shellfish Co.	Kerry	Shellfish															280.0	278.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-369A	Atlantic Crab Ltd	Donegal	Shellfish															280.0	279.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-561A	James Ball	Donegal	Shellfish															280.0	279.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-587A	Allihies Seafood Ltd	Cork	Aquatic Plant															280.0	279.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-434A	Michael Barr	Donegal	Shellfish															280.1	279.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-414A	John Coll	Donegal	Shellfish															280.1	279.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-471A	Marjorie Doherty	Donegal	Shellfish															280.2	279.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-607A	Dingle Bay Seaweed Ltd	Cork	Aquatic Plant															280.3	279.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-542A	Cathal McCorkell	Donegal	Shellfish															280.4	279.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-470A	Eunan McLaughlin	Donegal	Shellfish															280.5	279.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-043A	Curraun Fisheries Ltd	Mayo	Shellfish															280.5	274.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-572A	Foylantic Ltd	Donegal	Shellfish															280.6	279.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-033A	Carl Daly	Kerry	Shellfish															280.7	279.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-622A	Dan O shea	Cork	Shellfish															280.8	280.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-387D	North West Shell Fish Ltd	Donegal	Shellfish															280.8	279.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-370	Anthony Coyne	Galway	Shellfish															280.8	272.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-024	Muskerry Seafoods (Kerry) Ltd	Kerry	Shellfish															280.8	279.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-444E	Comhlucht Iascaireachta Fanad Teoranta	Cork	Finfish															280.8	280.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-387C	North West Shell Fish Ltd	Donegal	Shellfish															280.9	280.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-417B	Josie King	Galway	Shellfish															281.0	271.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-267	Michael O'Malley	Galway	Shellfish															281.1	272.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-404A	Michael O'Malley	Galway	Shellfish															281.1	272.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-552B	Manus Heraghty	Donegal	Shellfish															281.2	280.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-552A	Manus Heraghty	Donegal	Shellfish															281.2	280.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-428A	Michael O'Malley	Galway	Shellfish															281.2	272.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-154	Paul Kelly	Kerry	Shellfish															281.2	279.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-327A	Declan O'Sullivan	Kerry	Shellfish															281.2	279.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-521	Joseph King	Galway	Shellfish															281.2	272.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-77-7	Comhlucht Iascaireachta Fanad Teoranta	Donegal	Finfish															281.2	280.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-203A	North West Shell Fish Ltd	Donegal	Shellfish															281.3	280.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-085	Hydro Seafood Fanad	Donegal	Finfish															281.3	280.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-426-1A	Josie King	Galway	Shellfish															281.4	272.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-417A	Josie King	Galway	Shellfish															281.4	272.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-095A	Tully Mountain Salmon Farm Ltd.	Galway	Finfish															281.4	272.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-586A	Allihies Seafood Ltd	Cork	Aquatic Plant															281.4	280.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-417C	Josie King	Galway	Shellfish															281.5	272.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-77A	Comhlucht Iascaireachta Fanad Teoranta	Donegal	Finfish															281.5	280.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-521A	Josie King	Galway	Shellfish															281.5	272.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-077A	Hydro Seafood Fanad	Donegal	Finfish															281.6	280.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-432D	Crookhaven Fishermen's Association Ltd	Cork	Aquatic Plant, Shellfish															281.7	281.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-517A	Josie King	Galway	Shellfish															281.7	272.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-58-04	Comhlucht Iascaireachta Fanad Teoranta	Mayo	Finfish															281.8	274.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-369	Lorcan Folan	Galway	Shellfish															281.8	273.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-444D	Comhlucht Iascaireachta Fanad Teoranta	Cork	Finfish															281.9	281.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-008OFO	Ardbear Sea Farms Ltd	Galway	Shellfish															282.0	273.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-058A	Feirm Farraige Oilean Chliara Teo	Mayo	Finfish															282.0	274.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-096B	Ardbear Sea Farms Ltd	Galway	Finfish															282.2	273.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-522A	Josie King	Galway	Shellfish															282.5	273.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-591A	Wild Atlantic Sea Products Ltd	Cork	Aquatic Plant															283.0	282.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-258	Kush Seafarms Ltd	Cork	Shellfish															283.2	281.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-492A	Michael O'Malley	Galway	Shellfish															283.2	274.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-365A	Celtic Kerber Ltd	Donegal	Shellfish															283.4	282.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-039C	Sneem Fishermens Co-Op Society Ltd	Kerry	Shellfish															283.4	281.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-127	Ardbear Sea Farms Ltd	Galway	Finfish															283.4	274.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-160A	Ardgroom Shellfish Ltd	Cork	Shellfish															283.5	282.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-132A	Gerry O'Donoghue	Galway	Finfish															283.5	275.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-348A	Pallas Fish Farms Ltd	Cork	Shellfish															283.5	282.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-364B	John Boyle	Donegal	Shellfish															283.6	282.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-364A	John Boyle	Donegal	Shellfish															283.6	282.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-338A	John O'Brien and Timmy McCarthy	Kerry	Shellfish															283.7	281.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-365B	Celtic Kerber Ltd	Donegal	Shellfish															283.7	282.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-640A	Bantry Marine Research Station Ltd	Cork	Aquatic Plants															283.7	283.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-044	Kush Seafarms Ltd	Cork	Shellfish															283.8	282.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-365C	Celtic Kerber Ltd	Donegal	Shellfish															283.8	283.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-317A	John O'Shea	Cork	Shellfish															283.9	282.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-305B	Celtic Kerber Ltd	Donegal	Shellfish															284.1	283.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-317B	John O'Shea	Cork	Shellfish															284.2	282.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-160B	Ardgroom Shellfish Ltd	Cork	Shellfish															284.2	282.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-225	Patricia & Seán Daly	Cork	Shellfish															284.2	282.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-140	Mannin Bay Salmon Company Ltd	Galway	Finfish															284.2	275.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g

T05-348B	Pallas Fish Farms Ltd	Cork	Shellfish															284.5	283.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-129	Kush Seafarms Ltd	Cork	Shellfish															284.5	283.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-041A	Patricia & Séan Daly	Cork	Shellfish															284.6	283.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-193A	Owen Curran	Donegal	Shellfish															284.7	283.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-157	Pallas Fish Farms Ltd	Cork	Shellfish															284.9	283.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-305A	Celtic Kerber Ltd	Donegal	Shellfish															285.0	284.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T12-326A	John Boyle	Donegal	Shellfish															285.2	284.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-588B	Feirm Farraige Oilean Chliara Teo	Mayo	Finfish															285.3	278.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-601A	G & B Barge Operators Ltd	Cork	Shellfish															285.4	284.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-535A	Rodeen Fish Farm Ltd	Cork	Shellfish															285.5	284.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-058B	Feirm Farraige Oilean Chliara Teo	Mayo	Finfish															285.6	278.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-315A	Brendan Calvey	Mayo	Shellfish															285.6	279.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-427-2	Comhlucht Iascaireachta Fanad Teoranta	Cork	Finfish															285.8	285.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-332A	Michael McTigue	Mayo	Shellfish															286.2	279.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-534B	Cormorant Mussel Ltd	Cork	Shellfish															286.2	285.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-065N1	Cormorant Mussel Ltd	Cork	Shellfish															286.3	285.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-594A	Dingle Bay Seaweed Ltd	Cork	Aquatic Plant, Echinoderm, Shellfish															286.3	285.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-534A	Cormorant Mussel Ltd	Cork	Shellfish															286.5	285.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-314A	Brendan Calvey	Mayo	Shellfish															286.6	280.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-297A	Padraic Gannon	Mayo	Shellfish															286.8	280.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-212-2	Sciana Mara Teo	Mayo	Shellfish															286.9	280.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-012OFO	An Runai, Comharchumann Forbartha an Leith	Kerry	Shellfish															286.9	281.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-340-1	Pallas Fish Farms Ltd	Cork	Shellfish															287.0	285.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-274	Sciana Mara Teo	Mayo	Shellfish															287.0	280.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-212	Sciana Mara Teo	Mayo	Shellfish															287.1	280.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-282A	Aisling O'Leary	Mayo	Shellfish															287.2	280.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-212-1	Sciana Mara Teo	Mayo	Shellfish															287.2	280.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-313A	Thomas Henry	Mayo	Shellfish															287.4	280.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-432C	Crookhaven Fishermen's Association Ltd	Cork	Aquatic Plant, Shellfish															287.4	286.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-054	Marine Harvest Ireland Ltd	Mayo	Finfish															287.5	280.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-129C	Joseph Healy	Mayo	Shellfish															287.5	280.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-317A	Neil Kilbane	Mayo	Shellfish															287.5	280.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-318A	Neil Kilbane	Mayo	Shellfish															287.6	281.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-129B	Joseph Healy	Mayo	Shellfish															287.7	281.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-129A	Joseph Healy	Mayo	Shellfish															287.7	281.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-432B	Crookhaven Fishermen's Association Ltd	Cork	Aquatic Plant, Shellfish															287.8	287.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-312A	Kieran Grealis	Mayo	Shellfish															287.9	281.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-524A	Connor O'Malley	Galway	Shellfish															288.3	279.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-284B	Michael Kilbane	Mayo	Shellfish															288.3	281.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-311	Kieran Grealis	Mayo	Shellfish															288.3	282.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-464	Rodeen Fish Farm Ltd	Cork	Shellfish															288.4	287.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-284A	Michael Kilbane	Mayo	Shellfish															288.5	281.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-369	Gerard J Lynch	Cork	Shellfish															288.5	287.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T09-434	Cleggan Seaweed Ltd	Galway	Aquatic Plant															288.6	280.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-307C	Francis Sweeney	Mayo	Shellfish															288.9	282.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-399	John O'Shea	Cork	Shellfish															288.9	287.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-425B	G & B Barge Operators Ltd	Cork	Shellfish															289.0	288.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-327A	Dooriel Fisheries Ltd	Mayo	Shellfish															289.1	282.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-577N1	Dean Murphy	Cork	Shellfish															289.3	288.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-432A	Crookhaven Fishermen's Association Ltd	Cork	Aquatic Plant, Shellfish															289.4	288.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-634A	Dean Murphy	Cork	Shellfish															289.5	288.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-330A	Hugh O'Malley	Mayo	Shellfish															290.6	284.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-331A	Hugh O'Malley	Mayo	Shellfish															290.7	284.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-064-7	Murphy's Irish Seafood Ltd	Kerry	Finfish															290.9	289.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-231	Kathleen Davitt	Mayo	Shellfish															290.9	284.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-310B	Irish Oysters Harvest Ltd	Mayo	Shellfish															291.5	285.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-323A	Michael Kilbane	Mayo	Shellfish															291.7	285.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-324A	Michael Kilbane	Mayo	Shellfish															291.7	285.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-310A	Irish Oysters Harvest Ltd	Mayo	Shellfish															291.8	285.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-233	Comhlucht Iascaireachta Fanad Teoranta	Cork	Finfish															294.0	292.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-233	Silver King Seafoods Ltd	Cork	Finfish															294.4	293.1	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T05-523A	Coulagh Bay Sea Farms	Cork	Aquatic Plant, Echinoderm, Shellfish															296.5	295.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-416A	Brian McCarthy	Kerry	Shellfish															297.2	294.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-081B	Tony McGrath	Mayo	Shellfish															297.3	292.5	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-081A	Tony McGrath	Mayo	Shellfish															297.5	292.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-320	Redrose Development Ltd	Mayo	Aquatic Plant															298.6	292.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-237	Gerard Heneghan	Mayo	Shellfish															299.5	294.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-319A	Redrose Development Ltd	Mayo	Aquatic Plant															299.7	294.6	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-518A	VH Shellfish Litd	Kerry	Shellfish															301.0	297.8	No	Yes	g	e	g	e	g	e	g	e	e	g	g	g	e	e	g	g
T06-450A	B.C. Shellfish Ltd	Kerry	Shellfish															301.7	298.5	No	Yes	g	e	g	e	g	e	g	e	e	g	g	g	e	e	g	g
T06-366A	B.C. Shellfish Ltd	Kerry	Shellfish															302.0	298.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-509A	B.C. Shellfish Ltd	Kerry	Shellfish															302.0	298.9	No	Yes	g	e	g	e	g	e	g	e	e	g	g	g	e	e	g	g
T06-365A	B.C. Shellfish Ltd	Kerry	Shellfish															302.1	298.9	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-389A	B.C. Shellfish Ltd	Kerry	Shellfish															302.2	299.0	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-461A	Realt Na Mara Ltd	Kerry	Shellfish															302.4	299.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-517A	VH Shellfish Litd	Kerry	Shellfish															302.5	299.3	No	Yes	g	e	g	e	g	e	g	e	e	g	g	g	e	e	g	g
T06-521A	Nigel Sheehan	Kerry	Shellfish															302.5	299.5	No	Yes	g	e	g	e	g	e	g	e	e	g	g	g	e	e	g	g
T10-028B	North Mayo Oyster Development Co-op Society Ltd	Mayo	Shellfish															302.6	297.2	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-515A	Brian McCarthy and Daniel O'Mahony	Kerry	Shellfish															302.7	299.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-502A	Brian McCarthy and Daniel O'Mahony	Kerry	Shellfish															302.7	299.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-514A	Brian McCarthy and Daniel O'Mahony	Kerry	Shellfish															302.8	299.8	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-372A	Paul Flannery	Kerry	Aquatic Plant, Echinoderm, Shellfish															302.8	298.4	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-374A	Brian McCarthy & Daniel O'Mahony	Kerry	Shellfish															303.3	300.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-503A	Brian McCarthy and Daniel O'Mahony	Kerry	Shellfish															303.3	300.3	No	Yes	g	e	g	e	g	e	g	e	e	g	g	g	e	e	g	g
T10-028A	North Mayo Oyster Development Co-op Society Ltd	Mayo	Shellfish															304.8	299.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T10-296A	Dulra Iorrais Teoranta	Mayo	Aquatic Plant															305.0	299.3	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g
T06-202	Silver King Seafoods Ltd	Kerry	Finfish															306.6	304.7	No	Yes	g	e	g	e	g	e	g	e	a	g	g	g	e	e	g	g

Offshore Cumulative Effects Assessment Matrix - Coastal Assets - Celtic Sea region

Project	Developer	Licence	Status of Development	Construction Period (red outline denotes the Proposed Development offshore construction period) 2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Ordered by distance: Distance to the Proposed Development Array Area (km)	Distance to the Proposed Development Cable corridor and Working Area (km)	ICES Celtic Sea 7a	ICES Celtic Sea	Coastal Processes	Marine Water and Sediment Quality	Airborne Noise	Benthic Subtidal and Intertidal Ecology	Fish, Shellfish and Sea Turtle Ecology	Marine Mammals	Offshore Ornithology	Offshore Bat Activity	Commercial Fisheries	Shipping and Navigation	Civil and Military Aviation	Seascape, Landscape & Visual Amenity	Marine Archaeology	Infrastructure and Other Users	Air Quality and Climate	Population and Human Health
Arklow OGI: Proposed development will comprise of onshore grid infrastructure including 220kV export cable circuits and fibre optic cables, new 220kV GIS substation at Shelton Abbey and overhead line connection and all associated ancillary works.	Sure Partners limited	VA27.310090	Approved															10.2	0	Yes	Yes	c	c	g	d	g	g	g	c	g	g	g	g	g	g	g	g
Irish Water Connection	Sure Partners limited/Irish water	VA27.310090	Not in planning as of March 19th but necessary works for the Proposed Development															10.2	3.4	Yes	Yes	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g	g
Arklow Waste Water Treatment Plant	Irish Water	FS006862	Approved															10.8	3.4	Yes	Yes	c	c	g	c	g	g	g	g	g	g	g	g	g	g	g	g
Dredging at Arklow Harbour	Wicklow County Council	FS005762	Application submitted															11.4	3.9	Yes	Yes	f	f	g	f	g	g	g	e	g	g	g	g	e	e	g	g
Flood relief scheme Arklow	Wicklow County Council	Reference: YA27.310368.	Approved															11.5	4.0	Yes	Yes	c	c	g	g	g	g	g	e	g	g	g	g	e	e	g	g
Arklow Bank Wind Park 2 Operations and Maintenance Facility Onshore and Nearshore infrastructure and associated works	Sure Partners Limited	Reference: 21/1316.	Approved															11.9	4.3	Yes	Yes	c	c	g	c	g	g	g	c	c	c	g	c	e	e	g	g
Permission to Reconnect Wicklow Town Centre and South Quay	Wicklow County Council	Reference: 221133	Approved															9.9	9.1	Yes	Yes	e	e	e	e	e	e	e	e	g	g	g	g	e	e	g	g
Permission for installation of floating pontoon Wicklow town	Wicklow County Council	Reference: 20471	Approved															9.1	9.9	Yes	Yes	d	d	g	d	e	e	e	a	g	g	g	g	e	e	g	g
Eirgrid Upgrade works, Grid upgrade works including a new 220 kV substation at Ballybeg and the stringing of new conductors on the currently unused side of 220 kV pylons between the proposed Arklow Bank Wind Park 2 OGI substation and the existing Arklow 220 kV substation	EIRGRID	CP1196 / CP1238	Not in planning as of March 19th but necessary works for the Proposed Development															13.6	12.5	Yes	Yes	e	e	g	g	g	g	g	e	g	g	g	g	e	e	g	g
Arklow Sewerage Scheme - South Quay Wall	Irish Water	FS006715	Approved															27.7	23.0	Yes	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Coast Guard Station Wicklow	The Commissioners of Public Works in Ireland	Reference: 2035	Approved															27.3	26.4	Yes	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Permission for alteration to Plan for integrated harbour / marina mixed development	Wicklow County Council	Reference: 18371 (previous ref: 17664)	Ended															28.1	27.1	Yes	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Process for the Bray Sustainable Transport Bridge Project	Wicklow County Council	Reference: 21869	Approved															34.3	33.4	Yes	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
EXTENSION OF APPROPRIATE PERIOD	Shankill Property Investments Limited	Reference: 20672	Validated															34.4	33.5	Yes	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Dun Laoghaire Rathdown County Council - Corbawn Lawn	Dun Laoghaire Rathdown County Council - Corbawn Lawn	FS006826	Completed															37.5	36.6	Yes	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Shanganagh Waste Water Treatment Plant	Dun Laoghaire-Rathdown County Council	D0038-01	Operational															38.3	37.4	Yes	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Development & refurbishment & internal alterations to dwelling	Sorrento HGT Unlimited Company	Reference: D22A/0566	Permission granted and refused															40.6	39.6	Yes	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Dun Laoghaire Rathdown Co.Co. - Dalkey Island	Dun Laoghaire Rathdown Co.Co. - Dalkey Island	FS006077	Approved															40.9	39.9	Yes	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Development at Howth Fishery Harbour Centre	Minister for Agriculture, Food and the Marine	F21A/0368	Application submitted															42.3	41.4	Yes	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Irish Water - Dun Laoghaire	Irish Water	FS006543	Application submitted															43.4	42.5	Yes	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Dun Laoghaire Rathdown Co Co - Baths	Dun Laoghaire Rathdown Co Co - Baths	FS005832	Approved															43.5	42.6	Yes	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
River Slaney (Enniscorthy) Drainage Scheme	Commissioners of Public Works	DPE063-015-2020	Application submitted															43.2	42.6	Yes	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Development and extension and associated site woks at the National Yacht Club	The National Yacht Club	Reference: D22A/0758	Approved															43.8	42.9	Yes	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Permission for Retention of a steel mesh fence and associated structural posts	Dun Laoghaire Harbour Company	Reference: D18A/0206	Approved															43.9	43.0	Yes	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Urban Beach and Floating Pool Facility at Dun Laoghaire	Dun Laoghaire Harbour Company	Reference: D13A/0682	On hold															43.9	43.0	Yes	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Dun Laoghaire Harbour Company	Dun Laoghaire Harbour Company	FS006786	Approved															44.2	43.2	Yes	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Stena Line Linkspan removal	Stena Line	FS006557	Approved															44.2	43.3	Yes	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Dun Laoghaire Harbour East Pier Revetment Repair Works	Dún Laoghaire-Rathdown County Council	DLH-003-23	Approved															44.4	43.5	Yes	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Dun Laoghaire Harbour Company	Dun Laoghaire Harbour Company	FS006713	Submitted															44.5	43.6	Yes	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Permission for Retention	POD Marine Ltd	Reference: D18A/1123	Approved															44.6	43.7	Yes	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Permission for Retention	Brendan Farrell	Reference: D11A/0301	Approved															44.6	43.7	Yes	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Dublin Port maintenance dredging	Dublin Port Company	FS007132	Ended															45.6	44.7	Yes	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Dublin Port Masterplan (3FM Plan)	Dublin Port Company	FS 006893	Licence valid															47.0	46.1	Yes	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Techworks Marine Monitoring Buoys	Techworks Marine	FS006758	Approved															47.1	46.1	Yes	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Alexandra Basin Redevelopment Project	Dublin Port Company	FS005699	Ended															48.2	47.3	Yes	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Construction/ installation of an OCGT generating unit and associated plant and equipment	ESB	ABP-314365-22	Application submitted															49.8	48.9	Yes	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Greater Dublin Area Agglomeration Wastewater Discharge	Uisce Éireann	D0034-02	Application submitted															49.9	49.0	Yes	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Dublin Port Masterplan (MP2 Plan)	Dublin Port Company	FLA: FS006893 Reference: ABP-304888-19	Application submitted															50.0	49.0	Yes	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Dublin Port Company MP2 Project	Dublin Port Company	FS006893	Application submitted															50.0	49.1	Yes	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Ringsend Wastewater Treatment Works Extension	Irish Water	D0034-01	Approved															50.1	49.2	Yes	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g

Permission for Construction and development adjacent to Pigeon House Road	Dublin Port Company	Reference: 3711/18	Licence valid															50.4	49.5	Yes	Yes										
Dublin Port maintenance dredging	Dublin Port Company	FS007132	Approved															48.9	49.8	Yes	Yes										
New pontoon at Berth 50 for Tug boats	Dublin Port Company	FS006806	Approved															51.1	50.2	Yes	Yes										
Temporary emergency electricity generating plan within the existing North Wall Power Generating Station	Minister of the Environment, Climate and Communications	ABP-313918	Application submitted															51.4	50.5	Yes	Yes										
North Wall Emergency Power Generation Plant	ESB	ABP-313918-22	Licence valid															51.4	50.5	Yes	Yes										
Ravensburg Ltd	Ravensburg Ltd	FS006433	Approved															52.0	51.1	Yes	Yes										
Various Sites along Bond Drive Extension, Dublin Port, Dublin 3	Minister for Public Expenditure and Reform	ABP-307352-20	Application submitted															52.1	51.2	Yes	Yes										
Foreshore licence application for the Installation of a 200mm welded steel pipeline under the Tolka River using trenchless techniques. The pipeline will be used to transport aviation fuel from Dublin Port to Dublin airport.	Ireland	FS005704	Approved															52.9	52.0	Yes	Yes										
Dublin City Council - Cycleway	Dublin City Council	FS006503	Application submitted															53.0	52.0	Yes	Yes										
Gas pipeline trenchless crossing	Bord Gais	FS006104	Approved															53.0	52.1	Yes	Yes										
RNLI Lifeboat Station Pontoon construction	RNLI	Reference: F15A/0512	Approved															53.2	52.3	Yes	Yes										
Extension of marine facilities Howth	Howth Yacht Club	Reference: F10A/0353/E1	Approved															53.4	52.4	Yes	Yes										
Middle Pier development Howth	Mins. for Agri., Food & the Marine	Reference: F19A/0296	Approved															53.7	52.7	Yes	Yes										
The Trawler Basin	Minister for Agr., Food & Marine	Reference: F16A/0063	Approved															52.7	53.6	Yes	Yes										
Irish Water Bentic Survey	Irish Water	FS007605	Licence valid															55.7	54.8	Yes	Yes										
Greater Dublin Drainage Sea Outfall Pipe	Irish Water	FS 006843	Licence valid															55.8	54.8	Yes	Yes										
Repairs on Rock armour at Portmarnock Golf Club	The Trustees of Portmarnock Golf Club	F21A/0566	Completed															55.8	54.9	Yes	Yes										
Coastal asset/infra	The Trustees of Portmarnock Golf Club	Reference: F21A/0566	Approved															55.8	54.9	Yes	Yes										
Maintenance and repair of rock armour revetment	The Trustees of Portmarnock Golf Club	Reference: F23A/0215	Approved															55.8	54.9	Yes	Yes										
Fingal County Council	Fingal County Council	FS006845	Completed															57.2	56.3	Yes	Yes										
Permission of erection of fence	Alistair Thompson	Reference: 1950899	Ended															58.8	58.3	No	Yes										
Permission for the construction in Malahide Marina Village	View Office Space Limited	Reference: F22A/0026	Approved															61.5	60.6	Yes	Yes										
Change of use from restaurant to office in Malahide Marina Village	View Office Space Ltd.	Reference: F19A/0219	Approved															61.5	60.6	Yes	Yes										
Malahide Marina Village Ltd	Malahide Marina Village Ltd	FS006731	Approved															61.7	60.8	Yes	Yes										
Carnsore Wind Farm Project	Hibernian wind power ltd	Application No.: 20211222	Application submitted															61.5	61.0	Yes	Yes										
Irish Water - Swords	Irish Water	FS005738	Approved															63.7	62.8	Yes	Yes										
Broadmeadow Way	Fingal County Council	ABP-304624-19	Application submitted															63.7	62.8	Yes	Yes										
Reinstatement and repair of the current rock armour weir under UBB36 bridge back	ByrneLooby Partners (Irl)	Reference: F23A/0451	Application submitted															66.5	65.6	Yes	Yes										
Construction of a new disability access landing pontoon	Rush Sailing Club	Reference: F21A/0239 (Fingal County council - Approved in 2021) FS006984 (foreshore licence)	Consultation															67.1	66.2	Yes	Yes										
Irish Water - Lusk	Irish Water	FS005745	Approved															67.4	66.5	Yes	Yes										
Permission for the continuation of sand and gravel extraction and processing from an existing registered quarry (ref: Q11)	Inish Pebble Company Ltd		Licence valid															68.0	67.5	Yes	Yes										
Irish Water -Loughshinny	Irish Water	FS005749	Completed															70.7	69.8	Yes	Yes										
Permission for Extension	Brian Hennessey	Reference: 221068	Licence valid															86.6	86.0	Yes	Yes										
Rock armour Laytown Beach, Ninch	Meath County Council	FS006602	Approved															87.2	86.3	Yes	Yes										
Waterford City Public Infrastructure Project-Flood Defences West	Waterford City and County Council	ABP-311746-21	Application submitted															88.8	88.2	Yes	Yes										
RIVER SUIR SUSTAINABLE TRANSPORT BRIDGE	Waterford City & County Council	ABP-303274-18	Application submitted															89.0	88.4	Yes	Yes										
Maintenance dredging River Boyne, Dogheda	Drogheda Port Company Dredging of River Boyne	FS007028	Approved															91.5	90.6	Yes	Yes										
Maintenance dredging River Boyne, Dogheda	Drogheda Port Company	FS005747	Approved															91.8	90.9	Yes	Yes										
Outfall and works at South Bank River Boyne, Drogheda	Talebury Holdings	FS005255	Consultation															92.8	91.9	Yes	Yes										
Greenlink Interconnector	Greenlink Interconnector limited	FS007050	Licence valid															96.4	95.8	Yes	Yes										
Coastal protection works Annagassan	Louth County Council	FS006560	Approved															109.7	108.8	Yes	Yes										
Maintenance dredging at Soldiers Point, Dundalk Harbour	O'Hanlon and Sons Ltd	FS006425	Approved															124.4	123.5	Yes	Yes										
Development at Greenore Port	Greenore Port	FS006748	Approved															124.9	124.0	Yes	Yes										
Slipway construction at Greenore Port	Frazer Ferries Ltd	FS005705	Application submitted															124.9	124.0	Yes	Yes										
Capital dredging at Greenore Port	Greenore Port	FS006676	Application submitted															124.9	124.0	Yes	Yes										
Permission for refurbishment of existing slipway	Department of Agriculture, Food and the Marine	Reference: 18547	Ended															127.4	126.9	No	Yes										
Greenway from Omeath Pier to the County Bridge	LLC	Reference: 20504	Approved															128.3	127.3	Yes	Yes										
Omeath Sewerage Scheme	Irish Water	FS006575	Application submitted															131.8	130.9	Yes	Yes										
Installation of a pontoon & anchorage system in the River Boyne	Drogheda Borough Council	Reference: 14207	Approved															146.9	146.1	Yes	Yes										

Review of a Waste Water Discharge Licence	Youghal Wastewater Treatment Plant Mudlands Youghal Co. Cork	D0139-03	Application submitted															150.4	149.8	No	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Installation of the EirGrid Celtic Interconnector Electricity Cable	EirGrid PLC	Ref: FS006916	Licence valid															151.6	151.1	Yes	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Permission for construction of sewage system at Ballycotton	Uisce Eireann - Irish Water	Reference: 214483	Approved															165.8	166.4	No	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Permission for the construction of new cheese production facility	Dairygold Co-operative Society Ltd.	Reference: 167031	Approved															174.3	173.8	No	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Strategic Infrastructure Development (Electricity Transmission Interconnector Development)	EirGrid PLC	ABP-310798-21	Approved															173.5	174.0	No	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Fendering replacement at Carlisle Pier	Dun Laoghaire Rathdown County Council	FS007290	Application submitted															176.2	175.4	Yes	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Permission for construction at Lower Aghada Tennis and Sailing Club	Lower Aghada Tennis and Sailing Club	Reference: 215729	Approved															177.6	177.1	No	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Permission for development at a 10.22 hectares site within ESB Aghad a Generating Station	ESB	23/5104	Licence valid															179.0	178.4	No	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Permission for demolition site infrastructure improvements, and utility upgrade works at the Belvelly Port Facility	Belvelly Marino Development Company DAC	Reference: 196783	Granted conditionally - appealed															182.6	182.1	No	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Extension of construction of marina	Monkstown Bay Marina Company Ltd.	Reference: 154446	Approved															184.7	184.1	No	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Permission for refurbishment works to existing coastal defence embankments	Shannon Airport Authority	Reference: 191006	Licence valid															198.1	190.5	No	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Jetty extension	Shannon Foynes Port Company	FS006837	Approved															210.4	203.3	No	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Port capacity extension	Shannon Foynes Port Company	PL91 .301561	Approved															210.8	203.7	No	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Permission to carry out development related to surfacewater drainage culvert	Clare County Council	Reference: 218003	Application submitted															235.7	227.1	No	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Decommissioning of certain facilities within the Seven Heads Gas Field	PSE Seven Heads Limited	Consent Application No.1 253993-00-REP-16	Approved															228.9	228.3	No	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Permission to develop proposed works	Bád Chlós Ros a' Mhíl Teo	Reference: 201633	Licence valid															245.7	235.9	No	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Permission for small craft harbour -Rossaveel	Minister of Agriculture, Food & the Marine	Reference: 21300	Licence valid															245.8	236.0	No	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Killybegs Quay extension	Department of Agriculture, Food and the Marine	Reference: 17/51385	Approved															252.2	251.3	No	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Permission to develop Castle pumping station	Uisce Eireann- Irish Water	Reference: 21264	Approved															252.4	251.9	No	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Construction of a pedestrian bridge and associated works.	Westport House/Inishoo Management, Westport House Estate, Westport	MAC20230002	Approved															259.7	252.9	No	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Permission for rehabilitation and removal of sediment	Irish Water	Reference: 18100	Licence valid															258.6	254.7	No	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Permission to construct a boat storage area	Mayo Sailing Club	Reference: 207	Licence valid															265.2	258.5	No	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Permission for development of Inner Bantry Harbour	Port of Cork Company Limited	Reference: 16640	Approved															261.5	261.0	No	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Permission for demolition of the existing three span bridge and construction of a new single span bridge	Iarnród Éireann	Reference: 181236	Approved															266.3	261.1	No	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Permission for installation of new diving boards	Fenit Development Association	Reference: 181176	Approved															267.2	262.2	No	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Retention Permission for breakwater and coastal defence wall	Peter Casey	Reference: 2250538	Licence valid															264.2	263.2	No	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Retention Permission for slipway development works	Peter Casey	Reference: 1951651	Licence valid															264.2	263.3	No	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Permission to install fencing and remove/replace sections	Gurteen Bay & Dog's Bay Conservation Group	Reference: 2260606	Licence valid															274.4	264.9	No	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Permission for erection of Wind Turbine	Paul & Francesca Doonan	Reference: 12623	Approved															272.4	271.8	No	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Permission for wharf extension at Dinish Island	The Minister for Agriculture Food and the Marine	Reference: 17637	Operational															290.5	289.8	No	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Permission is sought for components to the Castletownbere Sewerage Scheme	Irish Water	Reference: 19813	Approved															291.6	290.8	No	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Permission for developmet of small craft harbour - AN DAINGEAN FISHERY HARBOUR CENTRE	DEPARTMENT OF AGRICULTURE, FOOD AND THE MARINE	Reference: 23871	Application submitted															297.4	292.9	No	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Dursey Island Cable Car and visitor centre (cable car crosses HWM).	Cork County Council	Reference: YA04.305442	Approved															305.4	304.4	No	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g
Permission for construction of extension to production facility	Wyeth Nutritionals Ireland Ltd	Reference: 18915	Ended															325.3	318.7	No	Yes	e	e	g	e	g	g	g	e	g	g	g	g	e	e	g	g

Offshore Cumulative Effects Assessment Matrix - Surveys - Celtic Sea subsection 7a

Project	Developer	Status of Development	Licence	Construction Period (red outline denotes the Proposed Development offshore construction period) 2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Ordered by distance: Distance to the Proposed Development Array Area (km)	Distance to the Proposed Development Cable Corridor and Working Area (km)	ICES Celtic Sea 7a	Coastal Processes	Marine Water and Sediment Quality	Airborne Noise	Benthic Subtidal and Intertidal Ecology	Fish, Shellfish and Sea Turtle Ecology	Marine Mammals	Offshore Ornithology	Offshore Bats Activity	Commercial Fisheries	Shipping and Navigation	Civil and Military Aviation	Seascape, Landscape & Visual Amenity	Marine Archaeology	Infrastructure and Other Users	Air Quality and Climate	Population and Human Health
Sure Partners Arklow Bank Wind Park Phase 2 Site Investigations	Sure Partners Limited	Determination	FS007339															0.03	0.00	Yes																
Sure Partners Site Investigations at Arklow Bank	Sure Partners/SSE	Ended	FS007049															0.15	0.00	Yes																
Arklow Bank Wind Park off coast of County Wicklow	Sure Partners Limited	Application submitted	FS007555															0.54	0.04	Yes																
Deployment of passive acoustic monitoring devices to describe seasonal and diurnal occurrence of whales, dolphins and porpoises (cetaceans) in the Irish Sea and the Celtic Sea as part of the CETUS research project.	University College Cork	Approved	LIC230006															2.20	1.70																	
Hibernian Wind Power - Kilmichael Point	Hibernian Wind Power	Approved	FS006788															5.71	0.00	Yes																
Wicklow Sea Wind Ltd., Site Investigations for the proposed Wicklow Project offshore wind farm, off County Wicklow	Wicklow Sea Wind Limited	Consultation	FS007163															7.83	6.97	Yes																
Irish Water - Arklow	Irish Water	Application submitted	FS006614															10.82	3.39	Yes																
A Geotechnical Investigation (GI) and Geophysical site investigation surveys to inform design options for the proposed East Coast Rail Infrastructure Protection Projects (ECRIPP). The purpose of ECRIPP is to implement protection measures to at risk sections of the Dublin to Wexford railway line from the effects of climate change and coastal erosion.	Iarnród Éireann	Application submitted	LIC230028															11.11	10.32	Yes																
Site investigation	RWE Renewables Ireland	Approved	FS007188															11.80	10.90	Yes																
Energia Site Investigation off Wexford Coast	Energia Offshore Wind Ltd.	Approved	FS007048															11.94	11.44	Yes																
Banba Wind Ltd., Site Investigations for proposed Offshore Wind Farm, off Counties Wicklow and Dublin	Banba Wind Limited	Consultation	FS007283															13.91	13.41	Yes																
Sunrise Wind Ltd., Site Investigations for the proposed Sunrise Offshore Wind Farm, off Counties Dublin and Wicklow	Sunrise Wind Limited	Consultation	FS007151															17.7	16.8	Yes																
Site investigation surveys to inform potential offshore wind farm development	RWE	Determined 2019	FS0007029															25.8	30.5	Yes																
Providence Resources P.L.C.	Providence Resources P.L.C.	Approved	FS006192															34.9	34.0	Yes																
Environmental survey and ground investigation works in order to inform the design of proposed Point Bridge and Tom Clarke Widening Project.	Dublin City Council	Application submitted	LIC230007															51.4	50.5	Yes																
Dublin Port Company Site Investigations	Dublin Port Company	Approved	FS006497															51.5	50.6	Yes																
Geophysical survey and site investigations for a proposed subsea fibre optic cable having a landfall in Dublin Port, County Dublin and to evaluate options for the route traversing Dublin Bay, across the Irish Sea to Anglesey, Wales.	Microsoft Ireland Operations Ltd	Application submitted	LIC230016															51.8	51.0	Yes																
Bord Gais Networks - Dublin	Bord Gais Network	Approved	FS006104															53.0	52.0	Yes																
Greater Dublin Drainage Project	Irish Water	Ended	FS006292															56.8	55.9	Yes																
UCD Soil and Vegetation Sampling - Baldoyle	University College Dublin	Consultation	FS007192															57.3	56.4	Yes																
GEO Networks Ltd	Geo Networks Ltd	Approved	FS006262															58.6	57.7	Yes																
Rockabill Cable Systems Ltd	Rockabill Cable Systems Ltd	Approved	FS006842															65.1	64.2	Yes																
Codling Wind Park 11 Ltd	Codling Wind Park Ltd	Application submitted	FS006460															67.1	66.1	Yes																
Codling Wind Park Ltd	Codling Wind Park Ltd	Consultation	FS006241															67.1	66.1	Yes																
Codling Wind Park Ltd.	Codling Wind Park Ltd	Approved	FS007045															67.1	66.1	Yes																
Codling Wind Park Ltd. Site Investigations for proposed Offshore Wind Farm, off Counties Wicklow and Dublin	Codling Wind Park Limited	Approved	FS007546															67.1	66.1	Yes																
Geophysical survey and site investigations for a proposed subsea fibre optic cable having a landfall in Portmarnock, County Dublin to evaluate options for the route traversing the Irish Sea to Abergele, Wales.	Microsoft Ireland Operations Ltd	Application submitted	LIC230018															69.1	68.1	Yes																
America Europe Connect Ltd	America Europe Connect Ltd	Approved	FS006746															71.8	70.9	Yes																

Site investigation activities to inform the development of the North Irish Sea Array (NISA) offshore windfarm (OWF) and export cable, off the coasts of counties Dublin, Meath and Louth.	North Irish Sea Array Windfarm Limited	Consultation	LIC230001															78.5	77.6	Yes	e	e	g	e	g	g	g	e	e	g	g	g	e	e	g	g
Greenwire Ltd - Skerries	Greenwire Ltd - Skerries	Application submitted	FS005722															78.7	77.8	Yes	e	e	g	e	g	d	g	e	e	g	g	g	e	e	g	g
MaresConnect Electricity Interconnector Site Investigation	Maresconnect Ltd	Consultation	FS007635															81.8	80.9	Yes	e	e	g	e	g	e	g	e	e	g	g	g	e	e	g	g
America Europe Connect Ltd	America Europe Connect Ltd	Approved	FS006631															82.9	82.0	Yes	e	e	g	e	g	d	g	e	e	g	g	g	e	e	g	g
Geotechnical investigation required to support the design of a proposed 250m Offshore Renewable Energy (ORE) capable quay extension in the River Suir at the Port of Waterford, Belview, Co. Kilkenny	Port of Waterford	Application submitted	LIC230013															83.6	83.1	Yes	e	e	g	e	g	g	g	e	e	g	g	g	e	e	g	g
PiPiper Infrastructure Ltd	PiPiper Infrastructure Ltd	Consultation	FS006762															85.1	84.2	Yes	e	e	g	e	g	d	g	e	e	g	g	g	e	e	g	g
Statkraft North Irish Sea Array (NISA) Site Investigations for Export Cable Route	North Irish Sea Array (NISA) Windfarm Limited	Approved	FS007358															86.6	85.7	Yes	e	e	g	e	g	d	g	e	c	g	g	g	e	e	g	g
Lir Offshore Array Ltd., Site Investigations for the proposed Lir Offshore Array, off Counties Louth, Meath and Dublin	Lir Offshore Array Limited	Application submitted	FS007392															87.2	86.3	Yes	e	e	g	e	g	d	g	e	e	g	g	g	e	e	g	g
Cooley Point	Hibernian Wind Power	Approved	FS006852															91.8	90.9	Yes	e	e	g	e	g	d	g	e	e	g	g	g	e	e	g	g
North Irish Sea Array (NISA) Site Investigations	Statkraft	Approved	FS007031															95.7	94.8	Yes	e	e	g	e	g	e	g	e	c	g	g	g	e	e	g	g
Braymore Point	SSE Renewables	Approved	FS006973															104.5	103.5	Yes	e	e	g	e	g	d	g	e	e	g	g	g	e	e	g	g
Clogher Head	Hibernian Wind Power	Approved	FS006787															108.3	107.4	Yes	e	e	g	e	g	d	g	e	e	g	g	g	e	e	g	g
Oriel Windfarm Ltd	Oriel Windfarm Ltd	Application	FS006459															108.4	107.5	Yes	e	e	g	e	g	e	g	c	c	g	g	g	e	e	g	g
Oriel Windfarm Limited, Site Investigations for the proposed offshore Oriel Wind Farm	Oriel Windfarm Ltd	Approved	FS007383															111.7	110.8	Yes	e	e	g	e	g	e	g	e	c	g	g	g	e	e	g	g
Foreshore Licence application for geophysical, geotechnical, ecological and metocean site investigation works. Dundalk	Oriel Windfarm Ltd	Approved	FS006840															115.1	114.2	Yes	e	e	g	e	g	d	g	e	c	g	g	g	e	e	g	g
Site investigation in the maritime area including reclaimed dockland and surrounding nearshore to aid the design of increased port facilities in support of the ORE industry.	Doyle Shipping Group	Applied	LIC230019															183.7	183.2	Yes	e	e	g	e	g	d	g	e	e	g	g	g	e	e	g	g
Maintenance dredging at four sites around the Aughinish Alumina Ltd (AAL) jetty, Shannon Estuary, Co. Limerick, and dumping of dredge material at a dump site off Foynes Island	Aughinish Alumina Ltd	Application submitted	LIC230004															207.6	200.3	Yes	e	e	g	e	g	d	g	e	e	g	g	g	e	e	g	g
Site investigation to support the preliminary and detailed engineering design of the deep water terminal development on Foynes island.	Shannon Foynes	Application submitted	LIC230014															209.8	202.7	Yes	e	e	g	e	g	d	g	e	e	g	g	g	e	e	g	g
ESB intends to undertake a survey campaign at the Moneypoint Generating Station site to inform the engineering design of the proposed Moneypoint Hub Project. The marine surveys will include geophysical, geotechnical, environmental, and met ocean surveys.	Electricity Supply Board	Application submitted	LIC230008															229.5	222.4	Yes	e	e	g	e	g	d	g	e	e	g	g	g	e	e	g	g
Proposed installation and operation of the 2Africa Submarine Cable System within the Irish Exclusive Economic Zone (EEZ). The planned cable will extend from Widemouth Bay in Cornwall to a number of countries in Europe, Africa, and the Middle East.	Apollo Submarine Cable System Limited	Application submitted	LIC230033															279.3	278.7	Yes	e	e	g	e	g	d	g	e	e	g	g	g	e	e	g	g

Offshore Cumulative Effects Assessment Matrix - Future Leasing Round or Plan

			Ordered by distance																		
Planning Authority	**Leasing round / plan**	**Details**	**Distance to the Proposed Development Array Area (km)**	**Distance to the Proposed Development Cable Corridor and Working Area (km)**	**Coastal Processes**	**Marine Water and Sediment Quality**	**Airborne Noise**	**Benthic Subtidal and Intertidal Ecology**	**Fish, Shellfish and Sea Turtle Ecology**	**Marine Mammals**	**Offshore Ornithology**	**Offshore Bat Activity**	**Commercial Fisheries**	**Shipping and Navigation**	**Civil and Military Aviation**	**Seascape, Landscape & Visual Amenity**	**Marine Archaeology**	**Infrastructure and Other Users**	**Air Quality and Climate**	**Population and Human Health**
Minister for Housing, Planning and Local Government	No competent authority reference - Application by Dublin Port Company	The Dublin Harbour Capital Dredging Project brings forward for consent key elements of the capital dredging works required to create the required depth of the navigation channel, basins and berthing pockets. Uploaded 2022	50.8	49.9	e	e	e	e	e	g	g	f	f	g	g	g	e	e	g	g
Dublin Port Masterplan	3FM project	Main elements: 2.2km Southern Port Access Road (SPAR) Development of the largest container terminal in Ireland Construction of a major new Ro-Ro terminal 325 metre ship turning circle 1 hectare Utility Area New Maritime Community facilities Complete by 2040	50.9	50.0	e	e	e	e	e	g	g	f	f	g	g	g	e	e	g	g
Dublin Port Masterplan	ABR Project	Alexandra Basin Redevelopment (ABR) Project constrtuction of ~3km of quay walls, deepening of harbour basin and channel - works 2016-present	51.3	50.4	e	e	e	e	e	g	g	f	f	g	g	g	e	e	g	g
Rosslare Europort Materplan	Rosslare Europort	The overall masterplan will see an investment circa €30 million with construction expected to begin late 2023 subject to planning permission. The strategic plan includes significant investment of circa €1.5 million in the digitisation of the port and will transform Rosslare Europort into a smart port capable of meeting the needs of a post Brexit Ireland as our closest port to mainland Europe. This will include vehicle recognition systems, trailer tracking systems, compound management and check-in and check-out systems. The plan has identified opportunities for the port to make better use of available capacity, improve efficiencies and target specific sectors, while promoting the benefits of congestion-free access to European and UK markets.	52.4	51.9	e	e	e	e	e	g	g	f	f	g	g	g	e	e	g	g
MARA	South Coast Renewable Energy DMAP (Ireland)	700 MW and 900 MW of offshore wind capacity - anticipated to be ONE project. Delivery by 2030 but no details on actual construction timescales and a number of things would need to happen before any further details and/or certainty on timescales (MAC application/decision, ORESS process, grid connection agreement, consent process) - none of these steps have commenced	61.4	61.4	e	e	e	e	e	g	g	f	f	f	g	g	e	e	g	g
Bremore Ireland Port	Bremore Port Project	A new deep-water port development in Bremore focusing on the offshore wind sector, and the port would be equipped with specialised quays for wind turbine assembly, and facilities for bulk, break-bulk and ferries. In Masterplan: The project aims to submit a comprehensive planning application by 2026/2027	80.6	79.7	e	e	e	e	e	g	g	f	f	g	g	g	e	e	g	g
Planning Inspectorate	Celtic Sea (UK Round 5)	New leasing opportunity in the Celtic Sea for the first generation of commercial-scale floating offshore windfarms. 4.5GW made up of 3 Project Development Areas (located within one 'zone'). AfLs to be signed in autumn 2025	139.7	139.7	e	e	e	e	e	g	g	f	f	f	g	g	e	e	g	g
MARA	East Coast Renewable Energy DMAP IReland	There will be a significant and formal announcement on east coast DMAPs before the end of the year (2024).	N/A	N/A	g	g	e	g	g	g	g	f	f	f	g	g	e	e	g	g
Department of the Environment, Climate and Communications	OREDP 2	The OREDP II assessment encompasses the maritime area covering all of Ireland's Exclusive Economic Zone (EEZ), which reaches up to 200 nautical miles or 370 km off the coast. The plan will consider advances in technology to assess the offshore renewable energy (ORE) potential in Irish waters. It will seek to map areas most suitable for ORE using the latest data available on a range of themes including other maritime activities and marine biodiversity. The OREDP II will assist in delivering the Programme for Government commitment to develop a long-term plan to take advantage of a potential of at least 30GW of floating wind off the Atlantic coast and become a major contributor to a pan-European renewable energy generation and transmission system.	N/A	N/A	g	g	e	g	g	g	g	f	f	g	g	g	c	e	g	g
Department of Housing, Local Government and Heritage	NMPF	The National Marine Planning Framework (NMPF) brings together all marine-based human activities for the first time, outlining the Government's vision, objectives and marine planning policies for each marine activity.	N/A	N/A	g	g	e	g	g	g	g	f	f	g	g	g	g	e	g	g
DAERA	Northern Ireland Draft Marine Plan	The Marine Plan for Northern Ireland will inform and guide the regulation, management, use and protection of the relevant marine area. It is a single document made up of two plans, one for the inshore region and one for the offshore region.	N/A	N/A	g	g	e	g	g	g	g	f	f	g	g	g	e	e	g	g