

Investigative Foreshore Licence Application (Offshore Renewable Energy)

Please in	dicate project category as appropriate:
Wave:	
Tidal:	
Wind:	X
Other:	
	Please specify:

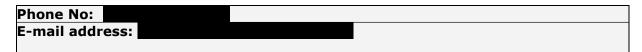
DATA PROTECTION

The Office of the Data Protection Commissioner states that the sending of marketing material to individuals without consent may result in action by the Data Protection Commissioner against the sender including prosecution. It is the responsibility of persons or entities wishing to use any personal data on an application form for direct marking purposes to be satisfied that they may do so legitimately under the requirements of the Data Protection Acts 1998 and 2003 and with regard to General Data Protection Regulation (2016/679) requirements.

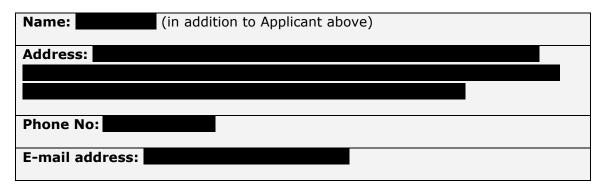
Applicant Name and Address:

Full Name of Applicant (not Agent): Wicklow Sea Wind Limited
Company/Organisation: Inis Offshore Wind Limited
Address:
Eircode:

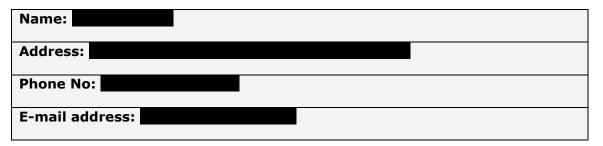
Applicant Contact Details:



Nominated Contact (Where different from above):



Applicant's Legal Advisor:



Part 1: Proposal Details (Attach additional documents as required)

1.1	Provide background information on the project including reason and objectives of the site investigations, the site selection process and any proposals for future works at the site.
	Inis Offshore Wind (funded by the Temporis Aurora Fund) with the support of Warwick Energy has identified projects that could support the Irish Government's Climate Action Plan and 5 GW capacity targeted for 2030. This same team is behind the applications for Kinsale, Leinster, Péarla, Kerry and Munster projects listed at 1.7 below.
	The Wicklow Export Cable Corridor Foreshore Licence Application area (herein the cable Area of Search (AoS)) was identified considering a variety of constraints (i.e. engineering and environmental constraints such as areas of high steep gradients, wrecks, dumping grounds and environmental designations such as SACs designated for benthic features).
	The foreshore licence application for Wicklow Sea Wind Limited is to survey an area suitable for the installation of an export cable corridor to connect a proposed fixed foundation offshore wind project (the "Wicklow Project") in the Celtic Sea (approximately 8km off the east coast of Wicklow) to the grid.
	The Foreshore Licence application is to undertake the surveys and investigations to inform the route of the export cable corridor.
	The cable AoS covers the transmission assets area only. A separate Foreshore Licence was submitted (Wicklow Foreshore Licence Application: Reference: FS007163) in 2021 to cover the offshore wind generation assets.
	Site Investigation Objectives
	The SI objectives are provided in the accompanying Schedule of Works document. However, the high-level objectives of the works proposed under this Foreshore Licence application are as follows:
	 To gather further information on seabed and sub-seabed conditions. To gather sufficient geotechnical data on the stability of soils, sediments, clays and gravels to allow the characterisation of the sub-seabed strata to inform design.
	• To provide the project team with baseline information on the environmental conditions along the export cable corridor, including marine ecology, bird, mammals and benthos.
	• To provide the project team with information on the archaeological conditions along the export cable corridor.
	In order to meet the above objectives various Site Investigation (SI) works and monitoring device deployments are required, for which a Foreshore Licence is required.

1.2	Possible MW output of final development:					
	The proposed export cable corridor will connect the proposed Wicklow Project to the grid. The Wicklow Project is expected to have capacity of up to 500MW. The capacity is not finalised and is subject to further detailed design work including investigation into grid and turbine technologies.					
1.3	Type of surveys proposed (e.g. geophysical, geotechnical, archaeological or benthic.					
	The proposed surveys are:					
	 Geophysical surveys e.g. multibeam echosounder (MBES), magnetometer, sub-bottom profiler, ultra short baseline (USBL), side scan sonar (SSS); Archaeological surveys (covered by geophysical surveys above); Subtidal surveys e.g. grab sampling for sediment type and sediment quality (contaminants) analysis; Marine benthic ecology flora and fauna surveys e.g. grab sampling at locations determined by the marine ecology survey, drop-down video, still photographs; and Geotechnical surveys and investigations (cone penetration testing and vibrocores or grab samples). Intertidal (including ecology and archaeology surveys) 					
1.4	Survey methodologies and equipment to be used for each survey type proposed:					
	Contracts have not yet been awarded for these surveys, however proposed and likely vessels, equipment, and methods are expected to be employed. Details of anticipated survey methodologies and equipment have been provided in the Schedule of Works which is contained with the Supporting Information submitted with this application.					

1.5	Describe the nature and scale of any structure to be erected on the foreshore for testing the suitability of the site. Is the structure proposed to be temporary or permanent?
	This application is for survey activities only. No permanent structure shall be erected as part of these works.
	Geophysical surveys will be conducted over an estimated period of up to 3 months and following this, a benthic survey campaign over a similar timeframe where sediment samples from the seabed will be taken.
	Exact details of the vessels to be used for surveys will not be determined until a subcontractor is confirmed, however likely and proposed vessels, equipment and methods expected to be employed are as described in the accompanying Schedule of Works .
	Given the potential for delays due to poor weather conditions and potential timing restrictions this application relates to the possibility of site investigations taking place over a five-year period.
	Further details of the proposed surveys are provided in the accompanying Supporting Information document.
1.6	Provide information on proposed mooring, marking and lighting arrangements for any proposed deployment of instrument arrays.
	n/a

7	Has the applicant held or does the applicant hold any previous Foreshore Licences, Leases or applications over the area sought or over any other area? (Give details including Department's file reference number(s)).					
	Five applications for foreshore licenses for surveys for windfarm arrays were submitted between 2020 and 2021:					
	 Wicklow Sea Wind Limited (FS007163) – Application to undertake offshore wind site investigation surveys. 					
	 Kinsale Offshore Wind Limited (FS007354) – Application to undertake offshore wind site investigation surveys. 					
	 Leinster Offshore Wind Limited (FS007162) – Application to undertake offshore wind site investigation surveys 					
	 Kerry Offshore Wind Limited (FS007363) – Application to undertake offshore wind site investigation surveys 					
	 Munster Sea Wind Limited (FS007366) – Application to undertake offshore wind site investigation surveys 					
	Five other applications for foreshore licences for surveys for export cable corridors were/will be submitted in 2022/23:					
	 Kinsale Offshore Wind Limited (FS007575)- Application to undertake offshore export cable corridor investigation surveys 					
	 Leinster Offshore Wind Limited (reference not currently available) – Application to undertake offshore export cable corridor investigation surveys 					
	 Péarla Offshore Wind Limited - (reference not currently available) - Application to undertake offshore export cable corridor investigation surveys 					
	 Kerry Offshore Wind Limited (reference not currently available) - Application to undertake offshore export cable corridor investigation surveys 					
	• Munster Sea Wind Limited (reference not currently available) - Application to undertake offshore export cable corridor investigation surveys					
	Indicative timing of the investigation works: (i) Start date (ii) Duration (iii) Any other information relevant to timing.					
	Indicative timings of the surveys are detailed in the Schedule of Works .					

1.9	Describe any likely interactions with activities of the public or other foreshore users during the investigative works (e.g. fishing, aquaculture, sailing, and surfing). Describe any measures proposed to minimise inconvenience to other users.
	The surveys will cover the export cable corridor area and will extend as far as Mean High Water Springs (MHWS). Due to the short-term nature of these surveys, no restrictions on public access, use of the beach or nearshore is anticipated.
	Vessel traffic is dense through the cable AoS due to traffic exiting/entering Dublin Port, with a defined route passing from Dublin across the Irish Sea into UK waters. Standard good practice will be followed including local Notice to Mariners and stakeholder consultation requesting that vessels keep a safe distance from the works. We will ensure that all vessels taking part in the survey works will comply with marine certification requirements.
	The proposed offshore export cable corridor area is used by the fishing industry. An experienced Fisheries Liaison Officer has been appointed to ensure that any inconvenience caused to either static and mobile fishing activity, or any other activity, is minimised. In addition to issuing a Notice to Mariners, we will notify the Sea Fisheries Protection Authority to inform small fishing vessels of the surveys.
1.10	Describe any consultations undertaken to date with other foreshore users.
	Irish Whale and Dolphin Group were contacted and we requested data from them to inform the applications for the offshore windfarm.
	A Fisheries Liaison Officer has been appointed and provided an introduction of the project to the fishing industry. Engagement with local fishermen will then continue once validation of this application is confirmed.
1.11	Describe any consultations undertaken to date with other consent authorities e.g. planning authority, Commission for Energy Regulation etc.
	A pre-application meeting with the Department of Housing, Local Government and Heritage was undertaken on the 4 th November 2021.

1.12	Describe briefly any consultations undertaken with relevant authorities (e.g. county council, port/harbour authority etc) or State Agencies e.g. National Parks & Wildlife Service (NPWS), National Monuments Service (NMS) of Department of Arts, Heritage and the Gaeltacht:
	Data from the National Parks and Wildlife Service (NPWS) and Irish Whale and Dolphin Group was used to inform the Screening Natura Impact Statement for the related Wicklow Project foreshore licence application.
	A meeting has taken place with the National Monuments Service to discuss the requirements regarding archaeology and the licence requirements which are built into the applications documents.
	Further consultation will be undertaken in due course.
1.13	Describe briefly any support received or under application with the Sustainable Energy Authority of Ireland (SEAI) or other State Agency:
	N/A

Part 2: Proposed Site. (Attach additional documents as required)

2.1 Delineate the proposed site in red on a latest edition map at a scale of 1:10 000 or larger scale if more appropriate and available, indicating:

(i) the entire area;

Please see 'Foreshore Licence Map' for a map of the area being applied for.

(ii) the hectarage involved below the line of high water of medium tides clearly marked in RED and

Wicklow Area A: 9315.33 ha; Wicklow Area B: 10559.01 ha:

TOTAL AREA = 19,874.34ha

(iii) the area of foreshore involved in metric measurements (i.e. hectares, metres squared or square kilometres etc).

Wicklow Area A: 93.15km²; Wicklow Area B: 105.59km²

TOTAL AREA = 198.74km²

2.2

Geographic co-ordinates of the area under application, where the area can also be identified on the Ordnance Survey map, specify Ordnance Survey co-ordinates also

1 Wicklow - Area A 6° 2' 10.951'W 53° 4' 55.638'N 731551.2004 705306.2659 3 Wicklow - Area A 6° 2' 3.280'W 53° 4' 55.888'N 731591.7295 705516.1642 4 Wicklow - Area A 5° 57' 40.627'W 53° 4' 55.881'N 731591.7295 705516.642.721 6 Wicklow - Area A 5° 57' 2.477'W 53° 4' 55.832'N 736575.4743 705646.8262 7 Wicklow - Area A 5° 57' 2.477'W 53° 4' 59.163'N 737287.9517 705574.2215 8 Wicklow - Area A 5° 56' 14.965'W 53° 4' 52.892'N 738186.4977 705406.066 11 Wicklow - Area A 5° 55' 12.964'W 53° 4' 42.378'N 7395574.22 705425.4285 10 Wicklow - Area A 5° 55' 55' 29.604'W 53° 4' 42.378'N 739578.422 705426.22738 11 Wicklow - Area A 5° 55' 14.95'W 53° 4' 44.35'N 739578.422 705426.22738 12 Wicklow - Area A 5° 55' 14.95'W 53° 4' 44.35'N 739058.4182 704972.6242 13 Wicklow - Area A 5° 55' 51.495'W 53° 4' 13.798'N 741456.3007 739658.4182	ID	Name	Longitude (WGS84)	Latitude (WGS84)	Easting (ITM)	Northing (ITM)
3 Wicklow - Area A 6° 2' 3.280° W 53° 4' 55.888° N 73 693.7295 705316.1642 4 Wicklow - Area A 5° 58' 10.666° W 53° 5' 3.32° N 736015.5113 705666.9262 5 Wicklow - Area A 5° 57' 21.29° W 53° 5' 2.164° N 736936.2413 705616.2265 7 Wicklow - Area A 5° 56' 21.29° W 53° 5' 6.6832° N 737671.6897 705513.1327 9 Wicklow - Area A 5° 56' 24.294° W 53° 4' 45.6832° N 737671.6897 70551.3127 9 Wicklow - Area A 5° 56' 24.2931° W 53° 4' 45.6832° N 738778.7542 70564.223 10 Wicklow - Area A 5° 55' 1.496° W 53° 4' 47.13° N 738778.7542 704576.4368 11 Wicklow - Area A 5° 55' 1.495° W 53° 4' 43.254° N 739029.276 705166.362 13 Wicklow - Area A 5° 55' 1.495° W 53° 4' 43.0353° N 740437.8089 704568.316 14 Wicklow - Area A 5° 52' 51.495° W 53° 4' 43.026° N 744454.3007 703606.2531 17 Wicklow - Area A <t< td=""><td>1</td><td>Wicklow - Area A</td><td>6° 2' 10.951" W</td><td>53° 4' 55.638" N</td><td>731551.2004</td><td>705304.5183</td></t<>	1	Wicklow - Area A	6° 2' 10.951" W	53° 4' 55.638" N	731551.2004	705304.5183
4 Wicklow - Area A 5° 58' 10.666" W 53° 5' 3.332" N 736015.5313 705666.9262 5 Wicklow - Area A 5° 57' 21.29" W 53° 5' 2.164" N 736575.4743 705646.7271 6 Wicklow - Area A 5° 57' 2.477" W 53° 4' 59.163" N 737671.6897 705574.2215 7 Wicklow - Area A 5° 56' 2.477" W 53° 4' 59.463" N 737671.6897 705513.1327 9 Wicklow - Area A 5° 56' 2.477" W 53° 4' 56.4893" N 737867.5727 705454.358 10 Wicklow - Area A 5° 55' 42.931" W 53° 4' 44.357" N 739029.276 705166.4362 11 Wicklow - Area A 5° 55' 42.931" W 53° 4' 44.357" N 739029.276 704762.856 12 Wicklow - Area A 5° 55' 25' 21.307" W 53° 4' 30.353" N 740437.8089 704762.856 14 Wicklow - Area A 5° 52' 21.713" W 53° 4' 30.78" N 741454.3007 703863.8674 17 Wicklow - Area A 5° 52' 21.713" W 53° 3' 3.796" N 744250.0612 703863.8674 17 Wicklow - Area A	2	Wicklow - Area A	6° 2' 9.844" W	53° 4' 55.676" N	731571.7698	705306.2659
5 Wicklow - Area A 5° 57' 40.627" W 53° 5' 2.164" N 736575.4743 705646.7271 6 Wicklow - Area A 5° 57' 2.297" W 53° 5' 0.859" N 739936.2413 705616.265 7 Wicklow - Area A 5° 57' 2.297" W 53° 4' 59.463" N 737287.9517 705574.2215 8 Wicklow - Area A 5° 56' 2.644" W 53° 4' 54.693" N 73767.16897 705513.1327 9 Wicklow - Area A 5° 56' 29.604" W 53° 4' 52.892" N 738166.4977 70546.066 10 Wicklow - Area A 5° 55' 29.604" W 53° 4' 43.594" N 739767.7542 70546.0768 12 Wicklow - Area A 5° 55' 29.604" W 53° 4' 37.594" N 73958.4182 704972.6242 14 Wicklow - Area A 5° 54' 35.700" W 53° 4' 30.759" N 741454.3007 704762.8566 15 Wicklow - Area A 5° 54' 32.71.30" W 53° 4' 30.78" N 741454.3007 7039563.811 16 Wicklow - Area A 5° 52' 51.713" W 53° 3' 30.706" N 744207.898 703543.8674 17 Wicklow - Area A	3	Wicklow - Area A	6° 2' 3.280" W	53° 4' 55.888" N	731693.7295	705316.1642
6 Wicklow - Area A 5° 57' 21.299" W 53° 5' 0.859" N 736936.2413 705616.6265 7 Wicklow - Area A 5° 57' 2.477" W 53° 4' 56.163" N 737287.9517 705573.1327 9 Wicklow - Area A 5° 56' 24.264" W 53° 4' 56.832" N 737671.6897 705513.1327 9 Wicklow - Area A 5° 56' 26.264" W 53° 4' 56.832" N 737865.727 705455.4358 10 Wicklow - Area A 5° 55' 62.064" W 53° 4' 47.173" N 738778.7542 705166.4362 11 Wicklow - Area A 5° 55' 1.495" W 53° 4' 47.173" N 73978.7542 705166.4362 13 Wicklow - Area A 5° 55' 1.495" W 53° 4' 43.375" N 73929.276 705166.4362 13 Wicklow - Area A 5° 53' 21.004" W 53° 4' 30.353" N 74044.9693 704762.8566 14 Wicklow - Area A 5° 52' 21.713" W 53° 3' 43.078" N 741454.3007 703980.5831 16 Wicklow - Area A 5° 52' 1.737" W 53° 3' 3.796" N 74217.998 703543.6874 19 Wicklow - Area A	4	Wicklow - Area A	5° 58' 10.666" W	53° 5' 3.332" N	736015.5313	705666.9262
7 Wicklow - Area A 5° 57' 2.477' W 53° 4' 59.163'' N 737287.9517 705574.2215 8 Wicklow - Area A 5° 56' 41.965'' W 53° 4' 56.82'' N 737671.689'' 705513.1327 9 Wicklow - Area A 5° 56' 22.264'' W 53° 4' 56.82'' N 738186.4977 705435.4358 10 Wicklow - Area A 5° 55' 22.604'' W 53° 4' 44.357' N 739029.276 705166.4362 11 Wicklow - Area A 5° 55' 29.604'' W 53° 4' 44.357' N 739029.276 705166.4362 12 Wicklow - Area A 5° 55' 14.95' W 53° 4' 37.594' N 739029.276 704762.8566 15 Wicklow - Area A 5° 54' 14.912' W 53° 4' 13.035'' N 740043.9693 7044762.8566 16 Wicklow - Area A 5° 52' 51.713'' W 53° 4' 10.06'' N 742017.9997 703960.5831 18 Wicklow - Area A 5° 52' 21.571'' W 53° 3' 37.96'' N 74217.9997 702593.913 20 Wicklow - Area A 5° 52' 21.57'' W 53° 1' 23.37'' M 737330.4046 69457.3131 20 Wicklow - Area A <	5	Wicklow - Area A	5° 57' 40.627" W	53° 5' 2.164" N	736575.4743	705646.7271
8 Wicklow - Area A 5° 56' 41.965° W 53° 4' 56.832° N 737671.6897 705513.1327 9 Wicklow - Area A 5° 56' 26.264° W 53° 4' 56.693° N 737965.7272 705456.4586 10 Wicklow - Area A 5° 56' 24.264° W 53° 4' 52.892° N 738186.497° 70540.636 11 Wicklow - Area A 5° 55' 29.604° W 53° 4' 44.357° N 739029.276 705166.4362 13 Wicklow - Area A 5° 55' 1.495° W 53° 4' 30.353° N 739029.276 705166.4362 13 Wicklow - Area A 5° 54' 35.700° W 53° 4' 30.353° N 74044.9693 704752.8566 15 Wicklow - Area A 5° 53' 21.304° W 53° 4' 3.078° N 7404437.8089 704569.8316 16 Wicklow - Area A 5° 52' 1.713° W 53° 3' 3.078° N 741454.3007 703960.5831 18 Wicklow - Area A 5° 52' 1.571° W 53° 3' 1.364° N 744043.0297 702593.913 21 Wicklow - Area A 5° 50' 4.0.151° W 53° 3' 0.5657° N 742048.0297 702593.913 21 Wicklow - Area A 5° 450' 5	6	Wicklow - Area A	5° 57' 21.299" W	53° 5' 0.859" N	736936.2413	705616.6265
9 Wicklow - Area A 5° 56' 26.264" W 53° 4' 54.693" N 737965.7272 705455.4358 10 Wicklow - Area A 5° 56' 14.486" W 53° 4' 52.892" N 738186.497" 705406.066 11 Wicklow - Area A 5° 55' 29.604" W 53° 4' 47.173" N 738778.7542 705262.276 12 Wicklow - Area A 5° 55' 29.604" W 53° 4' 47.173" N 739029.276 705166.4362 13 Wicklow - Area A 5° 54' 15.700" W 53° 4' 30.353" N 74044.9037 704762.8566 15 Wicklow - Area A 5° 52' 14.912" W 53° 4' 23.741" N 74044.9037 70459.8316 16 Wicklow - Area A 5° 52' 14.713" W 53° 4' 3.078" N 741454.3007 703960.5831 18 Wicklow - Area A 5° 52' 15.713" W 53° 3' 4' 3.060" N 74250.0612 703087.3431 20 Wicklow - Area A 5° 51' 57.941" W 53° 3' 13.06" N 742017.998 70354.6874 19 Wicklow - Area A 5° 52' 15.73" W 52° 50' 4.006" N 74066.02415 694869.5705 22 Wicklow - Area A	7	Wicklow - Area A	5° 57' 2.477" W	53° 4' 59.163" N	737287.9517	705574.2215
10 Wicklow - Area A 5° 56' 14.486' W 53° 4' 52.892' N 738186.4977 705406.066 11 Wicklow - Area A 5° 55' 29.604' W 53° 4' 47.173' N 73778.7542 705246.2738 12 Wicklow - Area A 5° 55' 29.604' W 53° 4' 44.357' N 739029.276 705166.4362 13 Wicklow - Area A 5° 55' 14.95' W 53° 4' 30.353' N 74044.963 70472.6242 14 Wicklow - Area A 5° 54' 14.912' W 53° 4' 30.353' N 740443.9689 704569.8316 16 Wicklow - Area A 5° 55' 21.304' W 53° 4' 30.768' N 741454.3007 703960.5831 18 Wicklow - Area A 5° 55' 21.713' W 53° 3' 49.060' N 742017.898 702593.913 20 Wicklow - Area A 5° 51' 57.941' W 53° 3' 49.060' N 742676.0241 696554.1735 22 Wicklow - Area A 5° 50' 51.57 53' 30' 0.509' N 744679.3061 696554.1735 23 Wicklow - Area A 5° 51' 51.369' W 53° 51' 20.657' N 740734.1502 694647.8301 24 Wicklow - Area A 5° 51' 51.370' W 52° 551' 2.555' N 742842.3666 694706.8818 <td>8</td> <td>Wicklow - Area A</td> <td>5° 56' 41.965" W</td> <td>53° 4' 56.832" N</td> <td>737671.6897</td> <td>705513.1327</td>	8	Wicklow - Area A	5° 56' 41.965" W	53° 4' 56.832" N	737671.6897	705513.1327
11 Wicklow - Area A 5° 55' 42.931" W 53° 4' 47.173" N 738778.7542 705246.2738 12 Wicklow - Area A 5° 55' 29.604" W 53° 4' 43.55" N 739029.276 705166.4362 13 Wicklow - Area A 5° 55' 14.95" W 53° 4' 37.594" N 739558.4182 704972.6242 14 Wicklow - Area A 5° 54' 14.912" W 53° 4' 37.594" N 74044.9693 704569.8316 16 Wicklow - Area A 5° 55' 21.713" W 53° 4' 23.741" N 740437.8089 704569.8316 17 Wicklow - Area A 5° 52' 51.713" W 53° 3' 43.005" N 741454.3007 703960.5831 18 Wicklow - Area A 5° 52' 51.71" W 53° 3' 33.766" N 742071.8998 703543.6874 19 Wicklow - Area A 5° 50' 40.151" W 53° 3' 17.364" N 74250.0612 703965.4871 20 Wicklow - Area A 5° 50' 40.151" W 53° 0' 0.509" N 744679.3061 696554.1735 22 Wicklow - Area A 5° 64' 51.380" W 52° 55' 50.567" T 74034.1502 694647.8301 24 Wicklow - Area A 5° 54' 53.3975" W 53° 1.23.17" N 740990.9782 699005.8193<	9	Wicklow - Area A	5° 56' 26.264" W	53° 4' 54.693" N	737965.7272	705455.4358
12 Wicklow - Area A 5° 55' 29.604" W 53° 4' 44.357" N 739029.276 705166.4362 13 Wicklow - Area A 5° 55' 1.495" W 53° 4' 37.594" N 739558.4182 704972.6242 14 Wicklow - Area A 5° 55' 1.495" W 53° 4' 30.353" N 740044.9693 704762.82666 15 Wicklow - Area A 5° 53' 48.516" W 53° 4' 14.262" N 740937.6532 704291.3045 16 Wicklow - Area A 5° 53' 21.304" W 53° 4' 30.78" N 741454.3007 703960.5831 18 Wicklow - Area A 5° 52' 23.87" W 53° 3' 30.796" N 74250.0612 703087.3431 20 Wicklow - Area A 5° 51' 57.941" W 53° 3' 17.664" N 743048.0297 702593.913 21 Wicklow - Area A 5° 50' 40.151" W 53° 0' 10.509" N 744679.3061 696554.1735 22 Wicklow - Area A 5° 5' 21.537" W 52° 59' 2.555" N 742842.3686 694706.8818 25 Wicklow - Area A 5° 5' 51.539" W 52° 51' 2.337" N 730369.704 699005.8193 24 Wicklow - Area A 5° 5' 51.537" W 52° 51' 52.55" N 742842.3686 694706.8818 <td>10</td> <td>Wicklow - Area A</td> <td>5° 56' 14.486" W</td> <td>53° 4' 52.892" N</td> <td>738186.4977</td> <td>705406.066</td>	10	Wicklow - Area A	5° 56' 14.486" W	53° 4' 52.892" N	738186.4977	705406.066
13 Wicklow - Area A 5° 55' 1.495" W 53° 4' 37.594" N 739558.4182 704972.6242 14 Wicklow - Area A 5° 54' 35.700" W 53° 4' 30.353" N 740044.9693 704762.8566 15 Wicklow - Area A 5° 54' 14.912" W 53° 4' 23.741" N 74037.8089 704569.8316 16 Wicklow - Area A 5° 53' 48.516" W 53° 4' 30.78" N 741454.3007 703960.5831 17 Wicklow - Area A 5° 52' 51.713" W 53° 3' 43.060" N 74217.8998 703543.6874 19 Wicklow - Area A 5° 52' 51.713" W 53° 3' 17.364" N 744049.0297 702593.913 20 Wicklow - Area A 5° 51' 57.941" W 53° 0' 0.509" N 744670.2415 694869.5705 22 Wicklow - Area A 5° 50' 40.151" W 53° 0' 0.060" N 746760.2415 694869.5705 23 Wicklow - Area A 5° 48' 51.380" W 52° 59' 2.555" N 742842.3686 694706.8818 25 Wicklow - Area A 5° 5' 21.537" W 53° 1' 23.317" N 733330.4046 689990.8193 26 Wicklow - Area B 5° 54' 58.997" W N 742015.9769 690828.3334	11	Wicklow - Area A	5° 55' 42.931" W	53° 4' 47.173" N	738778.7542	705246.2738
14 Wicklow - Area A 5° 54' 35.700" W 53° 4' 30.353" N 740044.9693 704762.8566 15 Wicklow - Area A 5° 54' 14.912" W 53° 4' 23.741" N 74037.6089 704569.8316 16 Wicklow - Area A 5° 53' 48.516" W 53° 4' 14.262" N 740937.6532 704291.3045 17 Wicklow - Area A 5° 52' 51.713" W 53° 3' 3.076" N 7421017.8998 703543.6874 19 Wicklow - Area A 5° 52' 23.877" W 53° 3' 3.796" N 742550.0612 703087.3431 20 Wicklow - Area A 5° 51' 57.941" W 53° 3' 17.364" N 744679.3061 696554.1735 21 Wicklow - Area A 5° 51' 57.941" W 53° 3' 17.364" N 744670.2415 694869.5705 23 Wicklow - Area A 5° 48' 57.366" W N 747034.1502 694647.8301 24 Wicklow - Area A 5° 51' 57.97" W 53° 51' 23.317" N 740909.9782 699005.8193 23 Wicklow - Area A 5° 51' 58.96" W N 73330.4046 68997.8281 26 1 Follow MHWS 52° 56' 69.832" 740015.9769 690828.3334 27	12	Wicklow - Area A	5° 55' 29.604" W	53° 4' 44.357" N	739029.276	705166.4362
15 Wicklow - Area A 5° 54' 14.912" W 53° 4' 23.741" N 740437.8089 704569.8316 16 Wicklow - Area A 5° 53' 21.304" W 53° 4' 3.778" N 741454.3007 703960.5831 17 Wicklow - Area A 5° 52' 21.713" W 53° 4' 3.778" N 741454.3007 703960.5831 18 Wicklow - Area A 5° 52' 51.713" W 53° 3' 49.060" N 74250.0612 703087.3431 20 Wicklow - Area A 5° 51' 57.941" W 53° 3' 33.796" N 744679.3061 696554.1735 21 Wicklow - Area A 5° 50' 40.151" W 53° 0' 0.509" N 744679.3061 696554.1735 22 Wicklow - Area A 5° 52' 21.537" W 52° 59' 2.555" N 742842.3686 694706.8818 25 Wicklow - Area A 5° 52' 21.537" W 52° 59' 2.555" N 742842.3686 694706.8818 25 Wicklow - Area A 5° 53' 53.975" W 53° 1' 23.317" N 740990.9782 699005.8193 26 Wicklow - Area B 6° 5' 58.997" W N 733330.4046 68997.8281 27 Wicklow - Area B 5° 52' 18.713" W N 742152.9256 692719.0011	13	Wicklow - Area A	5° 55' 1.495" W	53° 4' 37.594" N	739558.4182	704972.6242
16 Wicklow - Area A 5° 53' 48.516" W 53° 4' 14.262" N 740937.6532 704291.3045 17 Wicklow - Area A 5° 53' 21.304" W 53° 4' 3.078" N 741454.3007 703960.5831 18 Wicklow - Area A 5° 52' 23.877" W 53° 3' 49.060" N 742017.8998 703543.6874 19 Wicklow - Area A 5° 52' 23.877" W 53° 3' 3796" N 742550.0612 703087.3431 20 Wicklow - Area A 5° 51' 57.941" W 53° 3' 0.509" N 744679.3061 696554.1735 21 Wicklow - Area A 5° 48' 51.380" W 52° 59' 4.006" N 742842.3686 694469.5705 23 Wicklow - Area A 5° 48' 51.380" W 52° 59' 2.555" N 742842.3686 694768.818 25 Wicklow - Area A 5° 48' 37.068" W N 7303869.5042 697482.4126 26 Hicklow - Area A 5° 52' 21.537" W 52° 59' 2.555" N 742842.3686 694706.8818 25 Wicklow - Area B 6° 0' 58.149" W N 7303809.5042 697482.4126 26 1 Follow MHWS 52° 55' 58.927" W N 742366.5896 692908.0405 27	14	Wicklow - Area A	5° 54' 35.700" W	53° 4' 30.353" N	740044.9693	704762.8566
17 Wicklow - Area A 5° 53' 21.304" W 53° 4' 3.078" N 741454.3007 703660.5831 18 Wicklow - Area A 5° 52' 23.877" W 53° 3' 49.060" N 742017.8998 703543.6874 19 Wicklow - Area A 5° 52' 23.877" W 53° 3' 3.796" N 742550.0612 703087.3431 20 Wicklow - Area A 5° 51' 57.941" W 53° 3' 31.7364" N 743048.0297 702593.913 21 Wicklow - Area A 5° 50' 40.151" W 53° 0' 0.509" N 7446760.2415 694869.5705 22 Wicklow - Area A 5° 48' 51.380" W 52° 59' 4.066" N 746760.2415 694869.5705 23 Wicklow - Area A 5° 48' 37.068" W N 747034.1502 694647.8301 24 Wicklow - Area A 5° 52' 21.537" W 52° 59' 2.555" N 742842.3686 694706.8818 25 Wicklow - Area A 6° 2' 58.990" W 53° 0' 43.306" N 730869.5042 697482.4126 26 - 1 Follow MHWS 52° 56' 59.832" 740015.9769 690828.3334 52° 55' 58.910" 743330.4046 689997.8281 27 Wicklow - Area B 5° 52' 49.874" W 52° 56' 59.832" 740015.9769 <td>15</td> <td>Wicklow - Area A</td> <td>5° 54' 14.912" W</td> <td>53° 4' 23.741" N</td> <td>740437.8089</td> <td>704569.8316</td>	15	Wicklow - Area A	5° 54' 14.912" W	53° 4' 23.741" N	740437.8089	704569.8316
18 Wicklow - Area A 5° 52' 51.713" W 53° 3' 49.060" N 742017.8998 703543.6874 19 Wicklow - Area A 5° 52' 23.877" W 53° 3' 33.796" N 742550.0612 703087.3431 20 Wicklow - Area A 5° 50' 40.151" W 53° 3' 17.364" N 743048.0297 702593.913 21 Wicklow - Area A 5° 50' 40.151" W 53° 0' 0.509" N 744679.3061 696554.1735 22 Wicklow - Area A 5° 48' 51.380" W 52° 59' 4.006" N 747676.0.2415 694869.5705 23 Wicklow - Area A 5° 50' 21.537" W 52° 59' 2.555" N 742842.3686 694706.8818 25 Wicklow - Area A 5° 53' 53.975" W 53° 1' 23.317" N 740990.9782 699005.8193 26 Wicklow - Area A 6° 2' 58.990" W 53° 0' 43.306" N 733330.4046 689997.8281 27 Wicklow - Area B 5° 51' 51.414" W N 742152.9256 69219.0011 30 Wicklow - Area B 5° 52' 52.432" W N 742015.9769 690828.3334 29 Wicklow - Area B 5° 52' 52.432" W N 742152.9256 69219.0011 30 <td>16</td> <td>Wicklow - Area A</td> <td>5° 53' 48.516" W</td> <td>53° 4' 14.262" N</td> <td>740937.6532</td> <td>704291.3045</td>	16	Wicklow - Area A	5° 53' 48.516" W	53° 4' 14.262" N	740937.6532	704291.3045
19 Wicklow - Area A 5° 52' 23.877" W 53° 3' 33.766" N 742550.0612 703087.3431 20 Wicklow - Area A 5° 51' 57.941" W 53° 3' 17.364" N 743048.0297 702593.913 21 Wicklow - Area A 5° 50' 40.151" W 53° 0' 0.509" N 744679.3061 696554.1735 22 Wicklow - Area A 5° 48' 51.380" W 52° 59' 4.006" N 746760.2415 694869.5705 23 Wicklow - Area A 5° 48' 37.068" W N 747034.1502 694647.8301 24 Wicklow - Area A 5° 52' 51' 53.975" W 52° 59' 2.555" N 742842.3686 694706.8818 25 Wicklow - Area A 5° 53' 53.975" W 53° 1' 23.317" N 740909.9782 699005.8193 26 Wicklow - Area B 6° 0' 58.149" W N 733330.4046 68997.8281 26' 56' 59.832" N 740015.9769 690828.3334 52° 56' 59.832" 740015.9769 690828.3334 29 Wicklow - Area B 5° 52' 52' 49.874" W 52° 58' 4.849" N 742366.5896 692908.0405 31 Wicklow - Area B 5° 52' 52' 49.874" W 52° 54' 25.595" 743148.8291 686150.0	17	Wicklow - Area A	5° 53' 21.304" W	53° 4' 3.078" N	741454.3007	703960.5831
20 Wicklow - Area A 5° 51' 57.941" W 53° 3' 17.364" N 743048.0297 702593.913 21 Wicklow - Area A 5° 50' 40.151" W 53° 0' 0.509" N 744679.3061 696554.1735 22 Wicklow - Area A 5° 48' 51.380" W 52° 59' 4.006" N 746760.2415 694869.5705 23 Wicklow - Area A 5° 48' 37.068" W N 747034.1502 694647.8301 24 Wicklow - Area A 5° 52' 21.537" W 52° 59' 2.555" N 742842.3686 694706.8818 25 Wicklow - Area A 6° 2' 58.990" W 53° 0' 43.306" N 730869.5042 697482.4126 26 - 1 Follow MHWS 52° 56' 39.104" N 733330.4046 689997.8281 27 Wicklow - Area B 6° 0' 58.149" W N 740015.9769 690828.3334 52° 56' 39.104" S2° 56' 4.849" N 742366.5896 692719.0011 30 Wicklow - Area B 5° 52' 18.713" W N 742366.5896 692908.0405 31 Wicklow - Area B 5° 52' 18.713" W N 742366.5896 692908.0405 32 Wicklow - Area B 5° 52' 52.432" W N 742366	18	Wicklow - Area A	5° 52' 51.713" W	53° 3' 49.060" N	742017.8998	703543.6874
21 Wicklow - Area A 5° 50' 40.151" W 53° 0' 0.509" N 744679.3061 696554.1735 22 Wicklow - Area A 5° 48' 51.380" W 52° 59' 4.006" N 746760.2415 694869.5705 23 Wicklow - Area A 5° 48' 37.068" W N 747034.1502 694647.8301 24 Wicklow - Area A 5° 52' 21.537" W 52° 59' 2.555" N 742842.3686 694706.8818 25 Wicklow - Area A 5° 53' 53.975" W 53° 1' 23.317" N 740990.9782 699005.8193 26 Wicklow - Area A 6° 2' 58.990" W 53° 0' 43.306" N 730869.5042 697482.4126 26 - 1 Follow MHWS 52° 56' 39.104" 733330.4046 689997.8281 27 Wicklow - Area B 5° 53' 1.615" W N 742152.9256 692719.0011 30 Wicklow - Area B 5° 52' 49.874" W 52° 57 58.941" 742366.5896 692908.0405 31 Wicklow - Area B 5° 52' 18.713" W N 742152.9256 692719.0011 32 Wicklow - Area B 5° 55' 52.432" W N 739304.3728 686168.9623 33 Wicklow - Area B 5° 55' 52.140" W	19	Wicklow - Area A	5° 52' 23.877" W	53° 3' 33.796" N	742550.0612	703087.3431
22 Wicklow - Area A 5° 48' 51.380" W 52° 59' 4.006" N 746760.2415 694869.5705 23 Wicklow - Area A 5° 48' 37.068" W N 747034.1502 694647.8301 24 Wicklow - Area A 5° 52' 21.537" W 52° 59' 2.555" N 742842.3686 694706.8818 25 Wicklow - Area A 5° 53' 53.975" W 53° 1' 23.317" N 740990.9782 699005.8193 26 Wicklow - Area A 6° 2' 58.990" W 53° 0' 43.306" N 730869.5042 697482.4126 26 - 1 Follow MHWS 52° 56' 59.832" 730869.5042 697482.4126 28 Wicklow - Area B 5° 53' 1.615" W N 742152.9256 692719.0011 30 Wicklow - Area B 5° 52' 24.9874" W 52° 56' 59.832" 740015.9769 690828.3334 29 Wicklow - Area B 5° 53' 1.615" W N 742152.9256 692719.0011 30 Wicklow - Area B 5° 52' 18.713" W N 742152.9256 692908.0405 31 Wicklow - Area B 5° 55' 52.432" W N 743148.8291 6861650.0344 32 Wicklow - Area B 5° 55' 52.2140" W N	20	Wicklow - Area A	5° 51' 57.941" W	53° 3' 17.364" N	743048.0297	702593.913
23 Wicklow - Area A 5° 48' 37.068" W N 747034.1502 694647.8301 24 Wicklow - Area A 5° 52' 21.537" W 52° 59' 2.555" N 742842.3686 694706.8818 25 Wicklow - Area A 5° 53' 53.975" W 53° 1' 23.317" N 740990.9782 699005.8193 26 Wicklow - Area A 6° 2' 58.990" W 53° 0' 43.306" N 730869.5042 697482.4126 26 - 1 Follow MHWS 52° 56' 39.104" N 733330.4046 689997.8281 27 Wicklow - Area B 5° 54' 58.997" W N 740015.9769 690828.3334 29 Wicklow - Area B 5° 52' 49.874" W 52° 56' 59.832" 742366.5896 692719.0011 30 Wicklow - Area B 5° 52' 49.874" W 52° 54' 25.595" 742366.5896 692908.0405 31 Wicklow - Area B 5° 52' 52.432" W N 742517.7832 686168.9623 32 Wicklow - Area B 5° 55' 52.140" W N 739155.3342 686265.3468 34 Wicklow - Area B 5° 55' 58.217" W N 739155.3342 686127.0731 35 Wicklow - Area B 5° 55' 58.217" W </td <td>21</td> <td>Wicklow - Area A</td> <td>5° 50' 40.151" W</td> <td>53° 0' 0.509" N</td> <td>744679.3061</td> <td>696554.1735</td>	21	Wicklow - Area A	5° 50' 40.151" W	53° 0' 0.509" N	744679.3061	696554.1735
24 Wicklow - Area A 5° 52' 21.537" W 52° 59' 2.555" N 742842.3686 694706.8818 25 Wicklow - Area A 5° 53' 53.975" W 53° 1' 23.317" N 740990.9782 699005.8193 26 Wicklow - Area A 6° 2' 58.990" W 53° 0' 43.306" N 730869.5042 697482.4126 26 - 1 Follow MHWS 52° 56' 39.104" N 733330.4046 689997.8281 28 Wicklow - Area B 5° 54' 58.997" W N 740015.9769 690828.3334 29 Wicklow - Area B 5° 52' 49.874" W 52° 56' 59.832" 740015.9769 690828.3334 30 Wicklow - Area B 5° 52' 49.874" W 52° 57' 58.941" 742152.9256 692719.0011 30 Wicklow - Area B 5° 52' 18.713" W N 742152.9256 69208.0405 31 Wicklow - Area B 5° 52' 52.432" W N 742517.7832 686168.9623 32 Wicklow - Area B 5° 55' 52.140" W N 739155.3342 686265.3468 33 Wicklow - Area B 5° 55' 52.140" W N 739155.3342 686247.4588 34 Wicklow - Area B 5° 55' 52.140" W <td>22</td> <td>Wicklow - Area A</td> <td>5° 48' 51.380" W</td> <td></td> <td>746760.2415</td> <td>694869.5705</td>	22	Wicklow - Area A	5° 48' 51.380" W		746760.2415	694869.5705
25 Wicklow - Area A 5° 53' 53.975" W 53° 1' 23.317" N 740990.9782 699005.8193 26 Wicklow - Area A 6° 2' 58.990" W 53° 0' 43.306" N 730869.5042 697482.4126 26 - 1 Follow MHWS 52° 56' 39.104" N 733330.4046 689997.8281 27 Wicklow - Area B 6° 0' 58.149" W N 740015.9769 690828.3334 28 Wicklow - Area B 5° 53' 1.615" W N 742152.9256 692719.0011 30 Wicklow - Area B 5° 52' 49.874" W 52° 54' 25.955" 743148.8291 686150.0344 32 Wicklow - Area B 5° 55' 52.432" W N 742517.7832 686168.9623 33 Wicklow - Area B 5° 55' 52.432" W N 742517.7832 686168.9623 33 Wicklow - Area B 5° 55' 52.140" W N 739304.3728 686265.3468 34 Wicklow - Area B 5° 55' 58.217" W N 739155.3342 686247.4588 35 Wicklow - Area B 5° 55' 58.217" W N 739155.3342 686206.4483 36 Wicklow - Area B 5° 56' 5.415" W N 7	23	Wicklow - Area A	5° 48' 37.068" W		747034.1502	694647.8301
26 Wicklow - Area A 6° 2' 58.990" W 53° 0' 43.306" N 730869.5042 697482.4126 26 - 1 Follow MHWS 52° 56' 39.104" N 52° 56' 39.104" 733330.4046 689997.8281 27 Wicklow - Area B 6° 0' 58.149" W N 52° 56' 59.832" 740015.9769 690828.3334 28 Wicklow - Area B 5° 53' 1.615" W N 742152.9256 692719.0011 30 Wicklow - Area B 5° 52' 49.874" W 52° 54' 25.595" 742366.5896 692908.0405 31 Wicklow - Area B 5° 52' 18.713" W N 742152.9256 686165.0344 32 Wicklow - Area B 5° 52' 52.432" W N 742517.7832 686168.9623 33 Wicklow - Area B 5° 55' 52.2140" W N 739304.3728 686265.3468 52° 54' 32.519" N 52° 54' 32.519" 739155.3342 686247.4588 34 Wicklow - Area B 5° 55' 58.217" W N 739042.8861 686206.4483 36 Wicklow - Area B 5° 56' 5.415" W N 738910.5942 686127.0731 37 Wicklow - Area B 5° 56' 12.117" W	24	Wicklow - Area A	5° 52' 21.537" W	52° 59' 2.555" N	742842.3686	694706.8818
26 - 1 Follow MHWS 52° 56' 39.104" 733330.4046 689997.8281 27 Wicklow - Area B 6° 0' 58.149" W N 733330.4046 689997.8281 28 Wicklow - Area B 5° 54' 58.997" W N 740015.9769 690828.3334 29 Wicklow - Area B 5° 53' 1.615" W N 742152.9256 692719.0011 30 Wicklow - Area B 5° 52' 49.874" W 52° 54' 25.595" 742366.5896 692908.0405 31 Wicklow - Area B 5° 52' 52.432" W N 742152.9256 692908.0405 32 Wicklow - Area B 5° 52' 52.432" W N 742517.7832 686168.9623 33 Wicklow - Area B 5° 55' 52.140" W N 739304.3728 686265.3468 34 Wicklow - Area B 5° 55' 52.140" W N 739155.3342 686247.4588 52° 54' 28.854" N 52° 54' 24.903" 738910.5942 686127.0731 35 Wicklow - Area B 5° 56' 5.415" W N 738788.8856 686001.3958 36 Wicklow - Area B 5° 56' 12.117" W N 738788.8856 686001.3958	25	Wicklow - Area A	5° 53' 53.975" W	53° 1' 23.317" N	740990.9782	699005.8193
27Wicklow - Area B 6° 0' 58.149" W 52° 56' 39.104" N733330.4046 689997.8281 52° 56' 59.832" 740015.976928Wicklow - Area B 5° 54' 58.997" WN740015.9769 690828.3334 52° 57' 58.941"29Wicklow - Area B 5° 53' 1.615" WN742152.9256 692719.0011 30Wicklow - Area B 5° 52' 49.874" W 52° 58' 4.849" N 52° 54' 25.595"743148.8291 686150.0344 31Wicklow - Area B 5° 52' 18.713" WN743148.8291 686150.0344 32Wicklow - Area B 5° 52' 52.432" WN742517.7832 686168.9623 33Wicklow - Area B 5° 55' 52.140" WN739304.3728 686265.3468 34Wicklow - Area B 5° 55' 58.217" WN739155.3342 686247.4588 35Wicklow - Area B 5° 56' 5.415" WN739042.8861 686206.4483 36Wicklow - Area B 5° 56' 5.415" WN738910.5942 686127.0731 37Wicklow - Area B 5° 56' 12.117" WN738788.8856 686001.3958	26	Wicklow - Area A	6° 2' 58.990" W	53° 0' 43.306" N	730869.5042	697482.4126
28 Wicklow - Area B 5° 54' 58.997" W N 740015.9769 690828.3334 29 Wicklow - Area B 5° 53' 1.615" W N 742152.9256 692719.0011 30 Wicklow - Area B 5° 52' 49.874" W 52° 58' 4.849" N 742366.5896 692908.0405 31 Wicklow - Area B 5° 52' 18.713" W N 742152.9256 686150.0344 32 Wicklow - Area B 5° 52' 52.432" W N 742517.7832 686168.9623 33 Wicklow - Area B 5° 55' 52.432" W N 742517.7832 686265.3468 34 Wicklow - Area B 5° 55' 52.140" W N 739304.3728 686247.4588 35 Wicklow - Area B 5° 55' 58.217" W N 739155.3342 686206.4483 36 Wicklow - Area B 5° 56' 5.415" W N 738910.5942 686127.0731 37 Wicklow - Area B 5° 56' 12.117" W N 738788.8856 686001.3958	26 - 1	Follow MHWS		52° 56' 39.104"		
29 Wicklow - Area B 5° 53' 1.615" W N 742152.9256 692719.0011 30 Wicklow - Area B 5° 52' 49.874" W 52° 58' 4.849" N 742366.5896 692908.0405 31 Wicklow - Area B 5° 52' 18.713" W N 743148.8291 686150.0344 32 Wicklow - Area B 5° 52' 52.432" W N 742517.7832 686168.9623 33 Wicklow - Area B 5° 55' 52.432" W N 742517.7832 686168.9623 34 Wicklow - Area B 5° 55' 52.140" W N 739304.3728 686265.3468 35 Wicklow - Area B 5° 55' 58.217" W N 739155.3342 686247.4588 36 Wicklow - Area B 5° 56' 58.217" W N 738910.5942 686127.0731 37 Wicklow - Area B 5° 56' 5.415" W N 738788.8856 686001.3958 37 Wicklow - Area B 5° 56' 12.117" W N 738788.8856 686001.3958					733330.4046	689997.8281
30 Wicklow - Area B 5° 52' 49.874" W 52° 58' 4.849" N 742366.5896 692908.0405 31 Wicklow - Area B 5° 52' 18.713" W N 743148.8291 686150.0344 32 Wicklow - Area B 5° 52' 52.432" W N 742517.7832 686168.9623 33 Wicklow - Area B 5° 55' 44.141" W N 739304.3728 686265.3468 34 Wicklow - Area B 5° 55' 52.140" W N 739155.3342 686247.4588 35 Wicklow - Area B 5° 55' 58.217" W N 739042.8861 686206.4483 52° 54' 28.854" N 52° 54' 24.903" 738910.5942 686127.0731 36 Wicklow - Area B 5° 56' 5.415" W N 738788.8856 686001.3958 37 Wicklow - Area B 5° 56' 12.117" W N 738788.8856 686001.3958	-			52° 57' 58.941"		
31 Wicklow - Area B 5° 52' 18.713" W N 743148.8291 686150.0344 32 Wicklow - Area B 5° 52' 52.432" W N 742517.7832 686168.9623 33 Wicklow - Area B 5° 55' 52.432" W N 743148.8291 686168.9623 33 Wicklow - Area B 5° 55' 52.432" W N 743148.8291 686168.9623 34 Wicklow - Area B 5° 55' 52.140" W N 739304.3728 686265.3468 52° 54' 32.519" N 739155.3342 686247.4588 686206.4483 52° 54' 28.854" N 739042.8861 686206.4483 52° 54' 28.854" N 738910.5942 686127.0731 52° 54' 22.385" 738788.8856 686001.3958						
32 Wicklow - Area B 5° 52' 52.432" W N 742517.7832 686168.9623 33 Wicklow - Area B 5° 55' 44.141" W N 739304.3728 686265.3468 34 Wicklow - Area B 5° 55' 52.140" W N 739155.3342 686247.4588 35 Wicklow - Area B 5° 55' 58.217" W N 739042.8861 686206.4483 36 Wicklow - Area B 5° 56' 5.415" W N 738910.5942 686127.0731 37 Wicklow - Area B 5° 56' 12.117" W N 738788.8856 686001.3958				52° 54' 25.595"		
33 Wicklow - Area B 5° 55' 44.141" W N 739304.3728 686265.3468 34 Wicklow - Area B 5° 55' 52.140" W N 739155.3342 686247.4588 35 Wicklow - Area B 5° 55' 58.217" W N 739042.8861 686206.4483 36 Wicklow - Area B 5° 56' 5.415" W N 738910.5942 686127.0731 37 Wicklow - Area B 5° 56' 12.117" W N 738788.8856 686001.3958				52° 54' 26.810"		
34 Wicklow - Area B 5° 55' 52.140" W N 739155.3342 686247.4588 35 Wicklow - Area B 5° 55' 58.217" W N 739042.8861 686206.4483 36 Wicklow - Area B 5° 56' 5.415" W N 738910.5942 686127.0731 37 Wicklow - Area B 5° 56' 12.117" W N 738788.8856 686001.3958				52° 54' 32.958"		
35 Wicklow - Area B 5° 55' 58.217" W N 739042.8861 686206.4483 36 Wicklow - Area B 5° 56' 5.415" W N 738910.5942 686127.0731 37 Wicklow - Area B 5° 56' 12.117" W N 738788.8856 686001.3958 52° 54' 22.385" 52° 54' 22.385" 738788.8856 686001.3958	34	Wicklow - Area B	5° 55' 52.140" W	Ν	739155.3342	686247.4588
36 Wicklow - Area B 5° 56' 5.415" W N 738910.5942 686127.0731 37 Wicklow - Area B 5° 56' 12.117" W N 738788.8856 686001.3958 52° 54' 22.385" 52° 54' 22.385" 738788.8856 686001.3958	35	Wicklow - Area B	5° 55' 58.217" W	Ν	739042.8861	686206.4483
37 Wicklow - Area B 5° 56' 12.117" W N 738788.8856 686001.3958 52° 54' 22.385"	36	Wicklow - Area B	5° 56' 5.415" W	Ν	738910.5942	686127.0731
38 Wicklow - Area B 5° 56' 14.998" W N 738737.2917 685922.0206	37	Wicklow - Area B	5° 56' 12.117" W	Ν	738788.8856	686001.3958
	38	Wicklow - Area B	5° 56' 14.998" W	Ν	738737.2917	685922.0206

 40 41 42 43 43 44 45 46 47 48 49 	Wicklow - Area B Wicklow - Area B	5° 56' 17.895" W 5° 58' 46.266" W 5° 59' 2.440" W 5° 59' 20.978" W 5° 59' 37.627" W 5° 59' 55.922" W 6° 0' 13.297" W 6° 0' 35.730" W 6° 0' 57.711" W 6° 5' 43.389" W	52° 54' 18.396" N 52° 50' 41.437" N 52° 50' 22.431" N 52° 50' 6.820" N 52° 49' 55.286" N 52° 49' 44.807" N 52° 49' 35.852" N 52° 49' 27.495" N 52° 49' 20.026" N 52° 49' 20.026" N 52° 48' 1.193" N 52° 47' 58.242" N	738686.7044 736103.1998 735817.0755 735483.6998 735182.0742 734848.6985 734531.1979 734118.4471 733713.3644 728430.1626	685797.13 679014.03 678418.24 677926.13 677561.0 677227.63 676941.84 676672.0 676429.83 673849.04
41 \ 42 \ 43 \ 44 \ 45 \ 46 \ 46 \ 47 \ 48 \ 49 \	Wicklow - Area B Wicklow - Area B	5° 59' 2.440" W 5° 59' 20.978" W 5° 59' 37.627" W 5° 59' 55.922" W 6° 0' 13.297" W 6° 0' 35.730" W 6° 0' 57.711" W 6° 5' 43.389" W	N 52° 50' 22.431" N 52° 50' 6.820" N 52° 49' 55.286" N 52° 49' 44.807" N 52° 49' 35.852" N 52° 49' 27.495" N 52° 49' 20.026" N 52° 48' 1.193" N 52° 47' 58.242" N	735817.0755 735483.6998 735182.0742 734848.6985 734531.1979 734118.4471 733713.3644 728430.1626	678418.24 677926.13 677561.0 677227.63 676941.84 676672.0 676429.83
41 \ 42 \ 43 \ 44 \ 45 \ 46 \ 46 \ 47 \ 48 \ 49 \	Wicklow - Area B Wicklow - Area B	5° 59' 2.440" W 5° 59' 20.978" W 5° 59' 37.627" W 5° 59' 55.922" W 6° 0' 13.297" W 6° 0' 35.730" W 6° 0' 57.711" W 6° 5' 43.389" W	52° 50' 22.431" N 52° 50' 6.820" N 52° 49' 55.286" N 52° 49' 44.807" N 52° 49' 35.852" N 52° 49' 27.495" N 52° 49' 20.026" N 52° 48' 1.193" N 52° 47' 58.242" N	735817.0755 735483.6998 735182.0742 734848.6985 734531.1979 734118.4471 733713.3644 728430.1626	678418.24 677926.13 677561.0 677227.63 676941.84 676672.0 676429.83
42 \ 43 \ 44 \ 45 \ 46 \ 47 \ 48 \ 49 \	Wicklow - Area B Wicklow - Area B	5° 59' 20.978" W 5° 59' 37.627" W 5° 59' 55.922" W 6° 0' 13.297" W 6° 0' 35.730" W 6° 0' 57.711" W 6° 5' 43.389" W	N 52° 50' 6.820" N 52° 49' 55.286" N 52° 49' 44.807" N 52° 49' 35.852" N 52° 49' 27.495" N 52° 49' 20.026" N 52° 48' 1.193" N 52° 47' 58.242" N	735483.6998 735182.0742 734848.6985 734531.1979 734118.4471 733713.3644 728430.1626	677926.13 677561.0 677227.63 676941.83 676672.0 676429.83
43 \ 44 \ 45 \ 46 \ 47 \ 48 \ 49 \	Wicklow - Area B Wicklow - Area B	5° 59' 37.627" W 5° 59' 55.922" W 6° 0' 13.297" W 6° 0' 35.730" W 6° 0' 57.711" W 6° 5' 43.389" W	52° 49' 55.286" N 52° 49' 44.807" N 52° 49' 35.852" N 52° 49' 27.495" N 52° 49' 20.026" N 52° 48' 1.193" N 52° 47' 58.242" N	735182.0742 734848.6985 734531.1979 734118.4471 733713.3644 728430.1626	677561.0 677227.6 676941.8 676672.0 676429.8
44 \ 45 \ 46 \ 47 \ 48 \ 49 \	Wicklow - Area B Wicklow - Area B Wicklow - Area B Wicklow - Area B Wicklow - Area B	5° 59' 55.922" W 6° 0' 13.297" W 6° 0' 35.730" W 6° 0' 57.711" W 6° 5' 43.389" W	N 52° 49' 44.807" N 52° 49' 35.852" N 52° 49' 27.495" N 52° 49' 20.026" N 52° 48' 1.193" N 52° 47' 58.242" N	734848.6985 734531.1979 734118.4471 733713.3644 728430.1626	677227.6 676941.8 676672.0 676429.8
45 \ 46 \ 47 \ 48 \ 49 \	Wicklow - Area B Wicklow - Area B Wicklow - Area B Wicklow - Area B Wicklow - Area B	6° 0' 13.297" W 6° 0' 35.730" W 6° 0' 57.711" W 6° 5' 43.389" W	N 52° 49' 35.852" N 52° 49' 27.495" N 52° 49' 20.026" N 52° 48' 1.193" N 52° 47' 58.242" N	734531.1979 734118.4471 733713.3644 728430.1626	676941.8 676672.0 676429.8
46 \ 47 \ 48 \ 49 \	Wicklow - Area B Wicklow - Area B Wicklow - Area B Wicklow - Area B	6° 0' 35.730" W 6° 0' 57.711" W 6° 5' 43.389" W	52° 49' 27.495" N 52° 49' 20.026" N 52° 48' 1.193" N 52° 47' 58.242" N	734118.4471 733713.3644 728430.1626	676672.0 676429.8
47 \ 48 \ 49 \	Wicklow - Area B Wicklow - Area B Wicklow - Area B	6° 0' 57.711" W 6° 5' 43.389" W	52° 49' 20.026" N 52° 48' 1.193" N 52° 47' 58.242" N	733713.3644 728430.1626	676429.8
48 \ 49 \	Wicklow - Area B Wicklow - Area B	6° 5' 43.389" W	52° 48' 1.193" N 52° 47' 58.242" N	728430.1626	
49 \	Wicklow - Area B		52° 47' 58.242" N		673849.0
-		6° 5' 58.853" W	Ν		
50 \	Wicklow - Area B		52° 47' 57.009"	728142.9473	673750.2
		6° 6' 10.274" W	N 52° 47' 56.551"	727930.051	673706.4
	Wicklow - Area B	6° 6' 18.092" W	N 52° 47' 56.661"	727784.0007	673688.4
	Wicklow - Area B	6° 6' 31.020" W	N 52° 47' 57.514"	727541.7742	673685.5
53 \	Wicklow - Area B	6° 6' 44.226" W	N	727293.7268	673705.3
54 \	Wicklow - Area B	6° 7' 4.060" W	52° 48' 0.291" N	726920.0021	673781.
55 \	Wicklow - Area B	6° 7' 17.008" W	52° 48' 3.064" N	726675.262	673860.8
56 \	Wicklow - Area B	6° 7' 30.630" W	52° 48' 6.598" N 52° 48' 11.431"	726417.2928	673963.3
57 \	Wicklow - Area B	6° 7' 45.256" W	N 52° 48' 16.885"	726139.4797	674105.5
	Wicklow - Area B	6° 7' 58.621" W	N 52° 48' 20.826"	725884.8178	674267.6
59 \	Wicklow - Area B	6° 8' 6.563" W	Ν	725732.9285	674385.5
59 - 60	Follow MHWS				
60 \	Wicklow - Area B	6° 6' 13.890" W	52° 50' 19.445" N 52° 51' 20.702"	727746.2253	678106.2
61	Wicklow - Area B	6° 3' 35.164" W	N	730665.274	680078.4
	Wicklow - Area B	5° 57' 54.350" W	52° 55' 5.194" N 52° 55' 27.277"	736843.6142	687191.9
63 \	Wicklow - Area B	6° 1' 22.705" W	N	732933.1665	687765.5
	Follow MHWS				
55 EI					

2.3	Delineate proposed site on relevant Admiralty Chart.
	Please see 'Foreshore Licence Map'.
2.4	Relevant Local Authority:
	Wicklow County Council
	Wexford County Council
2.5	Location name and nearest townland name:
	Wicklow Town
2.6	Distance from nearest other developments, including any offshore renewable energy developments on the foreshore:
	'Area A' lies to the west of the Codling Wind Park and 'Area B' partially overlaps the north of the Arklow Bank Phase 2 Offshore Wind Farm (Figure 7 in the Non-Statutory Environmental Report).
2.7	Distance from shore:
	The cable AoS is adjacent to the shore.
2.8	Distance from nearest aquaculture operation:
	The closest licenced aquaculture operation is located approximately 5.08km south of the cable AoS.
2.9	Distance from any other sensitive location e.g. fish spawning ground, designated Shellfish Growing Waters,
	Data available from the Marine Institute, Ellis <i>et al.</i> , 2010 and Coull <i>et al.</i> , 1998 shows that there are spawning grounds for ling, sprat, lemon sole, sole, mackerel, cod, plaice, sandeel, whiting, haddock, and nursery grounds for,lemon sole, haddock, whiting, herring, sandeel, anglerfish, tope shark, spotted ray, thornback, plaice, spotted ray, cod, mackerel, and horse mackerel
2.10	Any other site details considered relevant:
	The baseline environment and potential impacts to receptors are outlined in the Non Statutory Environmental Report provided as part of this application.

Part 3: Nature Conservation Considerations (Attach additional documents as required)

3.1	Distance from nearest Natura 2000 sites (i.e. Special Protection Area (SPA) or Special Area of Conservation (SAC):				
	 Wicklow Head SPA approximately 1.04km away; 				
	The Murrough SPA approximately 0km away;				
	 Wicklow Reef SAC approximately 1km away; and Magherabeg Dunes SAC approximately 0km away. 				
	Magherabeg Dunes SAC approximately 0km away.				
3.2	Name and location of Natura 2000 sites in or around the project area:				
	Please see the Supporting Information for Screening for Appropriate				
	Assessment (SISAA) provided with this Licence Application where connectivity with European sites is identified.				
3.3	Describe potential impacts of the site investigations on Natura 2000 sites.				
	A SISAA and Natura Impact Statement (NIS) has been undertaken for this foreshore licence application to determine the likely significant effects, if any, of the proposed site investigation survey work, alone and in combination with other plans or projects, on European sites and their conservation objectives. The SISAA and NIS are provided in the Supporting Information document.				
3.4	Describe any measures proposed to mitigate possible impacts on Natura 2000 sites and other key marine receptors.				
	Please see the Schedule of Works for full details of requirements and measures to reduce possible impacts.				
3.5	Describe any other projects or plans for the area, anticipated or developed, that in combination with this proposal, may have a significant effect on a Natura 2000 site:				
	Please see Section 7 of the SISAA where other plans and projects are identified and a review of potential plans and projects including project programmes (where known) was undertaken to identify plans and projects that could have the potential for in combination effects due to the timeframes and spatial nature of the works (which are taken account of in the Non-Statutory Environmental Report, SISAA and NIS).				
	Due to the temporal and spatial scale in combination effects on Natura 2000 sites are not anticipated.				



An Roinn Tithíochta, Pleanála agus Rialtais Áitiúil Department of Housing, Planning and Local Government

Part 4: Navigational Safety Considerations.

4.1	Distance from shipping lanes at nearest point. Illustrate on the appropriate marine charts accompanying the application.
	The nearest designated Traffic Separation Scheme is located at Dublin Bay 20.8km from the proposed cable AoS. There is significant shipping including passenger vessels through the proposed cable AoS and some to the east. The passenger vessel routes from Dublin sail south to destinations including Cherbourg and Zeebrugge/Rotterdam.
4.2	If a safety zone for passage of shipping (including fishing and leisure boats) is sought, supply details and give reasons. No safety zones are sought. A Notice to Mariners will request that vessels remain
	at least 500m radial distance from the survey vessels and any instruments.
4.3	If a temporal /spatial restrictions are sought on the use of any type of fishing gear or leisure activity within the area, provide details and justification for such restrictions and indicate location(s) on appropriate marine charts.
	No formal restrictions are sought. Mariners and local fishermen will be notified of the details of temporary vessels surveys and deployment of any instruments in the area and requested to maintain a safe distance of at least 500m.

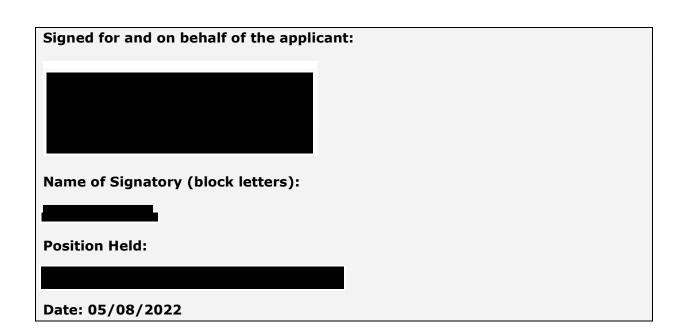
Declaration and Consent:

The details provided here are correct to the best of my knowledge.

I understand that no works will be commenced, by me or my agents on the proposed site, without the prior written consent of the Minister. The granting or refusal of any foreshore investigation licence will not give rise on the part of the applicant to any expectation whatsoever for, right or entitlement to a grant of any future foreshore permission in respect of all or any part of any area of foreshore.

By submitting this application form, I agree that the details provided (with personal contact details redacted) are to be published on the Department of Housing website and also that the full information provided including contact details are to be processed and retained by the Department of Housing, Planning and Local Government and shared with all appropriate Prescribed Bodies (as part of the Prescribed Bodies Consultation process) in furtherance of consideration for a foreshore Consent under the Foreshore Act 1933 (and Foreshore Amendment Act 2011).

I give consent to the Minister and his servants to copy this application and to make (a redacted) copy available for inspection and copying by the public. This consent relates to this application, to any further information, or submission provided by me or on my behalf and to the publication of the licence document



Return completed applications to:
Marine Environment and Foreshore Section Department of Housing, Planning and Local Government Newtown Road Wexford Y35 AP90
Enquiries to: Foreshore@housing.gov.ie (Other contact details to be included in Guidance materials) Email a copy of application documents: Foreshore@housing.gov.ie