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

| **Investigative Foreshore Licence Application (Offshore Renewable Energy)** | |
|---|---|
| **Please indicate project category as appropriate:** | |
| **Wave:** | |
| **Tidal:** | |
| **Wind:** | **X** |
| **Other:** | **Please specify:** |

## DATA PROTECTION

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## Applicant Name and Address:

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| **Full Name of Applicant (not Agent):** Energia Offshore Wind Ltd. |
| **Company/Organisation:** Energia Offshore Wind Ltd. |
| **Address:** The Liberty Centre, Blanchardstown Retail Park, Dublin 15 |
| **Eircode**: D15 YT2H |

## Applicant Contact Details:

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| **Phone No:** 087 738 7400 |
| **E-mail address:** caroline.roche@energia.ie |

## Nominated Contact (Where different from above):

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| **Name:** |
| **Address:** |
| **Phone No:** |
| **E-mail address:** |

## Applicant's Legal Advisor:

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| **Name:** Arthur Cox |
| **Address:** Ten, Earlsfort Terrace, Dublin 2 D02 T380 |
| **Phone No:** 353 1 920 1000 |
| **E-mail address:** alex.mclean@arthurcox.com |

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

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| **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.**<br><br>The project is to develop an offshore wind farm off the east coast of Ireland. A Foreshore Licence is needed to investigate the site and obtain baseline data in order to determine the optimum wind farm layout design, the offshore foundation locations, the offshore substation location, the cable design and development of cabling laying methodologies, the inter-array cabling routes, the cable route to shore and the optimum location for the landfall site. Baseline data will also be required to determine the wind resource in the area and environmental conditions in the area.<br><br>A site selection study was carried out for offshore wind potential around the Irish coast. This study considered water depth, available area, distance from shore, seabed substrata, ecological constraints, conservation sites, access to grid, port facilities, navigational channels, existing infrastructure, existing foreshore leases (and lease applications). This assessment identified two preferred sites for consideration as potential offshore wind farm locations, one of these is off the Co. Wexford coast from Raven Point to Arklow. |
| **1.2** | **Possible MW output of final development:**<br><br>600 - 1330MW |

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| **1.3** | **Type of surveys proposed (e.g. geophysical, geotechnical, archaeological or benthic.**<br><br>• **Geophysical** to include for example magnetometer survey, multibeam echosounder, side scan sonar, sub-bottom profiler (sparker/boomer)<br>• **Geotechnical** investigations to include for example grab sampling, cone penetration testing (CPT) and vibrocores.<br>• **Archaeological** assessment to include assessment of archaeological significance of identified targets, identification and assessment of metallic and other targets recorded during marine survey.<br>• **Ecological** surveys to include benthic ecology, intertidal ecology, mammals and birds, fisheries, water quality<br>• **Oceanographic and meteorological** surveys to include for example ADCP, AWAC, wind measurement device, metocean buoy |
| **1.4** | **Survey methodologies and equipment to be used for each survey type proposed:**<br>**Geophysical**<br>• Bathymetry (seabed levels, water depths): Multibeam echocsounder (MBES) Indicative examples include K*onsberg GeoAcoustics GeoSwath Plus interferometric echo sounder*, *Kongsberg EM710*, Teledyne Reson SeaBat T50-R or similar<br>• Seabed Type and targets: Side scan sonar - Indicative example is a *GeoAcoustics 160 system, Klein Hydro Scan or similar*<br>• Seabed Geology: Indicative examples include Sub-bottom profiler *GeoAcoustics 5430A profiling system, Edgetech 3100* or similar 'pinger' system, Ultra High Resolution Seismic (UHRS) (sparker/boomer) *Applied acoustics boomer plate AA251/AA301* or similar*,* Seismic Energy Source *Applied acoustics CSP-L or similar.*<br>• Marine archaeology/wrecks/UXO targets, cables and pipelines: Magnetometry (Total magnetic field survey) *Geometrics G-882 caesium vapour magnetometer, Seaspy or similar.*<br>**Geotechnical**<br>• Indicative locations of intrusive geotechnical survey locations required for the preliminary geotechnical survey can be seen in Drawing No. 003 in Appendix 1. Following completion of the preliminary geotechnical campaign, the locations for the completion geotechnical campaign will be determined. These will be forwarded on to the Foreshore Unit in advance.<br>• Grab / Vibro Core samples (up to 40) at representative locations along the inshore cable route corridors and the offshore wind farm area. Locations subject to results of the geophysical survey and archaeological survey. Indicative locations can be seen in Drawing No. 003 in Appendix 1. While 69 locations are shown in the map, only 40 will be realised. Indicative equipment to be used is a modular vibrocorer or similar and or grab sampler.<br>• CPT's (Up to 30) at representative locations along the inshore cable route corridors and the offshore wind farm area. Locations subject to results of the geophysical survey and archaeological survey. Indicative locations can be seen in Drawing No. 003 in Appendix 1. While 69 locations are shown in the map, only 30 will be realised. Indicative equipment to be used is a seacalf seabed CPT system or similar and a deck-mounted CPT. |

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| | • Boreholes (Up to 20) at representative locations within the offshore wind farm area. A small quantity may also be required at the yet to be identified landfall sites (max. of 3). Locations subject to results of the geophysical survey and archaeological survey. Indicative locations can be seen in Drawing No. 003 in Appendix 1. While 69 locations are shown in the map, only 20 will be realised. Indicative equipment to be used is a traditional API drill string or a triple corebarrel system (e.g. GEOBORE/s) or similar.<br>• Trial Pits (Up to 30) –At representative intertidal locations at yet to be identified landfall sites within the cable route corridor. Locations subject to results of the geophysical survey and archaeological survey. It is envisaged that no more than 3 locations will be sampled. At each location up to 10 trial pits may be excavated. The Trial Pits will be machine dug using an excavator.<br>• Appendix 2 contains the SI Schedule of Works. Further details on methods and equipment can be found here.<br>**Archaeological**<br>• Desk-based Assessment<br>• Identification and assessment of metallic and other targets recorded during marine magnetometer survey<br>• Assessment of archaeological significance of identified targets to include sidescan and analysis and diving as required.<br>**Ecological**<br>• Intertidal floral and faunal surveys at proposed cable landfall locations (to include transects, quadrats and core sampling). Locations to be determined in part from marine surveys. Assume Intertidal survey at each of the 9 landfall options.<br>• Subtidal benthic floral and faunal survey in proposed offshore wind farm area and proposed inshore cable route area (to include grab sampling, dredge sampling, Sediment Profile Imagery (SPI) survey, drop-down video, diver survey. Locations to be determined in part from marine surveys.<br>• Fisheries and shellfish surveys<br>• Boat-based marine mammals/reptile and seabird surveys<br>• Marine mammal acoustic monitoring using CPODs which can be deployed using Sonardyne LRT Acoustic Releases with sacrificial mooring or standard bottom mooring with surface marker buoy. These CPODs will be attached to a clump chain and raised approximately 3m off the seabed. A sound-trap (ST 300 Digital Sound Recorder) may be deployed alongside one of the CPODs for periods throughout the monitoring campaign. The exact locations of the CPODs has not being determined yet. Either 4 permanent sites will be selected or the 4 sites will be relocated every 3 months (during battery change) based on a 4x4km survey grid across the site. The strong currents in parts of the site may make some areas unsuitable for deployment. Drawing No. 004 in Appendix 1 shows 4 indicative CPOD locations. The exact locations are subject to archaeological survey results.<br>• Coastal vantage point bird and mammal surveys will also be carried out from a number of shore sites. |

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| | **Oceanographic and meteorological**<br>• Deployment of up to 4 ADCPs to measure currents and waves at up to four locations shown in Drawing No. 004 in Appendix 1.<br>• Deployment of a Seawatch / EOLOS (or similar) wind lidar buoy (with metocean capabilities) or similar at up to three locations shown in Drawing No. 004 in Appendix 1.<br>• Deployment of a Marker buoy next to the Lidar buoy at up to three locations shown Drawing No. 004 in Appendix 1.<br><br>Appendix 2 contains the SI Schedule of Works. Further information on these devices can be found there. |
| **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?**<br><br>No structures will be erected on the foreshore. |
| **1.6** | **Provide information on proposed mooring, marking and lighting arrangements for any proposed deployment of instrument arrays.**<br><br>CIL standard navigational safety requirements will be adhered to with regards to lighting, positioning and mooring of all relevant buoys. |
| **1.7** | **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)).**<br><br>Energia have applied for a Site Investigation Foreshore Licence for a site off the Waterford coast (FS0006982) |
| **1.8** | **Indicative timing of the investigation works: (i) Start date (ii) Duration (iii) Any other information relevant to timing.**<br><br>Provision programme of works (subject to weather conditions) is:<br>1. Geophysical Surveys (including Archaeology) – Spring/Summer 2020 (4 month campaign)<br>2. Preliminary Geotechnical Surveys – Summer/Autumn 2020 (2 months)<br>3. Completion Campaign – Spring/Summer 2021 (4 – 5 months)<br>4. Ecological Surveys –Winter 2019 (2 years duration, seasonal)<br>5. Wind resource monitoring – On award of Foreshore Licence Q1 2020 (Min 12 months, Max 36 months)<br>6. Oceanographic monitoring - Spring/Summer 2020 (period of up to 24 months) |

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| **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.**<br><br>Geophysical and geotechnical surveys may interfere with fishing activities while the surveys are being carried out. A Fisheries Liaison Officer (FLO) will be appointed in advance of the surveys and the FLO will carry out consultations with SFPA, BIM and with local fisheries groups (e.g. South & East Regional Inshore Fisheries Forum and Irish South and East Fish Producers Organisation) in advance of the surveys being carried out to provide further baseline data on the fisheries occurring in the area and to assess the possibility of adverse impacts and determine mitigation options where possible. In addition consultations will be carried out with local harbour authorities to assess possibility of adverse impacts and determine mitigation options where possible, a Marine Notice will be issued prior to the commencement of the geophysical and geotechnical surveys and the developer will comply fully with the Irish Coast Guard with respect to Navigational Safety Radio broadcasts and with the Commissioners of Irish Lights regarding IALA compliance. |
| **1.10** | **Describe any consultations undertaken to date with other foreshore users.**<br><br>Consultation letters sent to National Parks and Wildlife Service and National Monuments Service of DCHG, DAFM, SFPA, BIM, IFI, CIL, Wexford, Rosslare, Wicklow and Arklow Harbour Authorities, the Irish Coastguard and MSO informing them of the project and proposed works. |
| **1.11** | **Describe any consultations undertaken to date with other consent authorities e.g. planning authority, Commission for Energy Regulation etc.**<br><br>None |

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| **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:**<br><br>The following consultations were carried out to inform of the project and proposed works.<br><br>A consultation letter was sent to Wexford County Council and Wexford Harbour. A consultation meeting was held with Wexford County Council where Energia representatives met with the Senior Executive Scientist, the Senior Engineer, the Marine Officer and the Kilmore Quay Manager on August 30th 2019. Navigation, environment, noise and local benefits were all discussed.<br><br>During the preparation of this document, a consultation letter was sent to Development Applications Unit of the Department of Arts, Heritage and the Gaeltacht (DAHG) to inform them of the proposal and welcome any advice or commentary that they may have. A response was received on September 2nd, stating that the Department can only accept pre-application consultations under the planning legislation and is not in a position to offer this service in the case of pre-application for a foreshore licence application. Foreshore licences are referred to this Department for observation at the application review stage.<br><br>A consultation letter was also sent to Marine Survey Office of the Dept. Transport, Tourism & Sport. Response Received 20th August 2019 making recommendations with regards to local consultations, marine notices and adhering to CIL lightings and markings. Further communication was received on October 3rd 2019 in response to a revised application area being issued. Concerns were raised in relation to the Tuskar Rocks TSS and the South Arklow Bank Buoy. Energia have committed to discussing these concerns with MSO at the earliest opportunity.<br><br>A consultation letter was also sent to Commissioner of Irish Lights and the Irish Coastguard. No responses have been received to date.<br><br>A consultation letter was sent to Wicklow Harbour Authority and Arklow Harbour Authority. A response was received form Arklow on August 21st advising that they had sent the information to Wicklow Co. Co. Senior Marine Officer. No further response was received.<br><br>A consultation letter was sent to Rosslare Harbour. A response was received on August 28th stating that Rosslare Europort fully supports the opportunity that off shore energy can potentially bring both nationally and to the port and advised that their Chief Engineer would make further contact. No further communication has been received to date. |
| **.13** | **Describe briefly any support received or under application with the Sustainable Energy Authority of Ireland (SEAI) or other State Agency:**<br><br>None |

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

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| **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:**<br><br>(i) the entire area;<br><br>(ii) the hectarage involved below the line of high water of medium tides clearly marked in RED and<br><br>(iii) the area of foreshore involved in metric measurements (i.e. hectares, metres squared or square kilometres etc).<br><br>See Drawing No. 001 in Appendix 1 |

**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.**

| ID | Longitude | Latitude | Easting ITM | Northing ITM |
|---|---|---|---|---|
| A | -6.113857 | 52.82919 | 727100.5 | 677026.6 |
| B | -6.087911 | 52.82922 | 728848.6 | 677076.4 |
| C | -5.968476 | 52.7871 | 737028.5 | 672611.0 |
| D | -5.999093 | 52.67115 | 735322.2 | 659655.2 |
| E | -5.962415 | 52.66778 | 737813.0 | 659349.5 |
| F | -5.931328 | 52.78665 | 739535.3 | 672633.2 |
| G | -5.755157 | 52.78361 | 751427.3 | 672650.7 |
| H | -5.758679 | 52.77496 | 751219.8 | 671681.1 |
| I | -5.812476 | 52.73054 | 747740.9 | 666628.2 |
| J | -5.842656 | 52.65168 | 745965.7 | 657794.0 |
| K | -5.88121 | 52.61698 | 743470.9 | 653856.6 |
| L | -5.866772 | 52.55766 | 744643.7 | 647287.4 |
| M | -5.897101 | 52.47845 | 742844.2 | 638415.9 |
| N | -5.920722 | 52.44859 | 741335.5 | 635047.7 |
| O | -5.95853 | 52.41644 | 738866.9 | 631398.0 |
| P | -6.001822 | 52.37656 | 736045.0 | 626879.2 |
| Q | -6.029744 | 52.34621 | 734236.1 | 623450.9 |
| R | -6.032148 | 52.33352 | 734110.7 | 622035.0 |
| S | -6.008712 | 52.30998 | 735779.8 | 619460.9 |
| T | -6.00161 | 52.2811 | 736352.7 | 616260.8 |
| U | -6.185199 | 52.28114 | 723827.1 | 615936.1 |
| V | -6.185108 | 52.34584 | 723652.9 | 623133.0 |
| W | -6.13118 | 52.52076 | 726823.6 | 642684.9 |
| X | -6.140082 | 52.52396 | 726210.3 | 643025.4 |
| Y | -6.194143 | 52.56574 | 722425.9 | 647580.2 |
| Z | -6.157308 | 52.71978 | 724484.6 | 664778.9 |
| AA | -6.129509 | 52.71933 | 726363.7 | 664777.5 |
| BB | -6.129493 | 52.74501 | 726290.6 | 667634.0 |
| CC | -6.147111 | 52.745 | 725101.2 | 667602.2 |

**2.3** **Delineate proposed site on relevant Admiralty Chart.**

See Drawing No. 001 in Appendix 1

**2.4** **Relevant Local Authority:**

Wexford County Council

**2.5** **Location name and nearest townland name:**

The proposed wind farm area is 11.8km from Cahore Point, Co. Wexford in the townland of Cahore.

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| **2.6** | **Distance from nearest other developments, including any offshore renewable energy developments on the foreshore:**<br><br>The closest turbine from the Arklow Bank Wind Farm is located 1km to the west |
| **2.7** | **Distance from shore:**<br><br>The proposed wind farm area will be a minimum of 11.8km from shore. |
| **2.8** | **Distance from nearest aquaculture operation:**<br><br>There is a licenced aquaculture site located within the cable corridor approximately 700m northeast of Kilmichael Point, Co. Wexford. |
| **2.9** | **Distance from any other sensitive location e.g. fish spawning ground, designated Shellfish Growing Waters,**<br><br>Wexford Harbour Outer Shellfish Waters is 21.7km inshore of the proposed wind farm area<br><br>Wexford Harbour Inner Shellfish Waters is 27.8km inshore of proposed wind farm area<br><br>The proposed cable route corridor, along its southwestern boundary, overlaps 15.65km$^2$ of the Curracloe Bivalve Mollusc Production Area.<br><br>Rosslare Bay Bivalve Mollusc Production Area is 19.5km inshore of the proposed wind farm area.<br><br>Wexford Harbour Outer Bivalve Mollusc Production Area is 20.5km inshore of the proposed wind farm area.<br><br>Wexford Harbour Inner Bivalve Mollusc Production Area is 26.9km inshore of the proposed wind farm area.<br><br>Drawing No. 005 in Appendix 1 shows the above features.<br><br>The proposed wind farm area and cable route corridor overlaps whiting, cod, mackerel, horse mackerel and anglerfish nursery grounds. The southwestern portion of the proposed wind farm area overlaps a herring nursery area. The cable route corridor and northern two thirds of the proposed wind farm area overlaps tope shark and spotted ray nursery areas and all bar the southeastern part of the proposed wind farm area overlaps sandeel nursery grounds. The cable route corridor also overlaps thornback ray nursery grounds.<br><br>Appendix 3 contains further details on fisheries in the area and an impact assessment. |
| **2.10** | **Any other site details considered relevant:**<br><br>There are some known shipwrecks within and close to the proposed wind farm and cable route corridor areas. All known archaeological features can be seen in Drawings 003 and 004 in Appendix 1. A 200m buffer zone was applied to each site and no intrusive works will be carried out within the buffer zone. |

## Considerations (Attach additional documents as required)

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| **3.1** | **Distance from nearest Natura 2000 sites (i.e. Special Protection Area (SPA) or Special Area of Conservation (SAC):**<br><br>The proposed wind farm area and inshore cable route corridor do not overlap any Natura 2000 sites. Two SACs border the proposed wind farm area; the Blackwater Bank SAC (IE002953) which borders the southwestern side of the proposed wind farm area and the Carnsore Point SAC (IE002269) which borders the southwestern tip of the proposed wind farm area. |
| **3.2** | **Name and location of Natura 2000 sites in or around the project area:**<br><br>The proposed site does not overlap with any Natura 2000 site.<br><br>The following marine/coastal Natura 2000 sites occur within 25km of the proposed windfarm area and cable route corridor:<br><br>• Cahore Polders and Dunes SAC (IE000700) along the Co. Wexford coastline, 450m south of proposed cable route corridor.<br>• Kilpatrick Sandhills SAC (IE001742) along the Co. Wexford coastline, 600m north of proposed cable route corridor.<br>• Buckroney – Brittas Dunes and Fen SAC (IE000729) along the Co. Wicklow coastline, 650m northof proposed cable route corridor.<br>• Cahore Marshes SPA (IE004143) along the Co. Wexford coastline, 1km south of proposed cable route corridor.<br>• Kilmukridge – Tinnaberna Sandhills SAC (IE001741) along the Co. Wexford coastline, 6.9km southwest of proposed cable route corridor.<br>• The Magherabeg Dunes SAC (IE001766) along the Co. Wicklow coastline, 9.9km north of proposed wind farm area.<br>• The Long Bank SAC (IE002161), off the Co. Wexford coastline, 13.8km west of proposed wind farm area.<br>• The Raven SPA (IE004019) along the Co. Wexford coastline, 14.9km west of proposed wind farm area.<br>• The Wicklow Head SPA (IE004127) along the Co. Wicklow coastline, 15.1km north of proposed wind farm area.<br>• The Wicklow Reef SAC (IE002274) off the coast of Co. Wicklow, 15.8km northeast of proposed cable route corridor.<br>• The Carnsore Point SAC (IE002269) along the Co. Wexford coastline, 16.3km southwest of the proposed wind farm area.<br>• The Murrough SPA (IE004186) along the Co. Wicklow coastline, 17.2km north of proposed cable route corridor.<br>• The Murrough Wetlands SAC (IE002249) along the Co. Wicklow coastline, 17.9km north of proposed cable route corridor.<br>• The Raven Point Nature Reserve SAC (IE000710) along the Co. Wexford coastline, 19.5km west of proposed wind farm area.<br>• The Slaney River Valley SAC (IE000781) in Wexford Harbour, 20.3km west of proposed wind farm area.<br>• The Wexford Harbour and Slobs SPA (IE004076) in Wexford Harbour, 20.9km west of proposed wind farm area. |

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| **3.3** | **Describe potential impacts of the site investigations on Natura 2000 sites.**<br><br>None – A Natura Impact Statement was carried out for the proposed works (see Appendix 4). A Marine Mammal Risk Assessment was also carried out for the proposed works (see Appendix 4 [Appendix 3 of the NIS]). |
| **3.4** | **Describe any measures proposed to mitigate possible impacts on Natura 2000 sites and other key marine receptors.**<br><br>In line with best practice guidelines (DAHG, 2014[1]), which are now being incorporated into the standard operating procedures for geophysical surveys carried out in Irish waters, a qualified and experienced MMO will be employed during all multibeam, single beam, side-scan sonar and sub-bottom profiling. MMO monitoring will include pre-start monitoring and ramp-up procedures 'soft-start'. |
| **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:**<br><br>All surveys and site investigation works proposed as part of this application are outside any designated Natura 2000 site.<br><br>The Arklow Wind Farm Phase 2 site borders the northeastern edge of the proposed wind farm area. It is not known what surveys are planned as part of the Arklow Phase 2 expansion or when they might be carried out.<br><br>Hibernian Wind Power have a site investigation Foreshore licence which overlaps the northern section of the proposed wind farm area and most of the proposed cable route corridor. Their application stated that the geophysical and geotechnical surveys would be completed in 2018 and therefore will not overlap with the proposed Energia surveys.<br><br>There are no other known projects or plans for the area, anticipated or developed that in combination with this proposal, could have a significant effect on a Natura 2000 site. |

## Part 4: Navigational Safety Considerations.

[1] DAHG. 2014. Guidance to manage the risk to marine mammals from man-made sound sources in Irish waters. January 2014.

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| **4.1** | **Distance from shipping lanes at nearest point. Illustrate on the appropriate marine charts accompanying the application.**<br><br>There is a navigational channel just north of the proposed wind farm area from Arklow Port running in an east-west direction and there is a navigational channel *c.* 13km to the south of the proposed wind farm area from Rosslare Harbour running in a southeast-northwest direction. In addition, there is a shipping route running south from Dublin towards a number of UK ports, which passes through the northeastern part of the proposed wind farm survey area and there is an inshore navigation channel used mainly by fishing vessels and recreational vessels (see Drawing No. 005 in Appendix 1).<br><br>The Off Tuskar Rock Traffic Separation Zone is located just south of the proposed wind farm area. The South Arklow Light south cardinal buoy is situated at the southern extent of Arklow Bank (and northeastern portion of proposed wind farm area) and carries a Radar Beacon (Racon) in addition to AIS. Additionally, the Southeast Blackwater Light cardinal buoy is situated 6.4km to the west of the proposed wind farm area. There are 7 additional CIL Aids to Navigation within the proposed cable route corridor and a further 6 inshore and to the southwest of the proposed wind farm area. The Tuskar Rock Lighthouse is located *c.* 18.9km southwest of the proposed wind farm area. There are also a number of sandbanks inshore of the proposed wind farm area.<br><br>These will all be considered during the surveys, investigations and monitoring works. |
| **4.2** | **If a safety zone for passage of shipping (including fishing and leisure boats) is sought, supply details and give reasons.**<br><br>Not Applicable |
| **4.3** | **If an 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.**<br><br>Not Applicable |

**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

**Signed for and on behalf of the applicant:**

**Name of Signatory (block letters):**

**CAROLINE ROCHE**

**Position Held:**

**Offshore Environmental & Consents Manager**

**Date 04/10/2019**

**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