



For Office Use

Ref. No. _____

Application date: _____

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**APPLICATION FOR A LEASE/LICENCE/CONSENT UNDER THE FORESHORE ACT
1933 (AS AMENDED)**

- Applications for Offshore renewable energy (ORE) projects should use an ORE specific form.
- Please complete the form electronically. Type details in the boxes provided, space will expand as you type.
- The enclosures checklist should also be completed
- Tá an leagan Gaeilge den fhoirm seo ar fáil ar iarratas.

**IT IS IMPORTANT TO NOTE THAT A CHANGE IN APPLICANT NAME WILL
REQUIRE A NEW APPLICATION.**

Applicant Address/Contact Details:

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| Full Name of Applicant (not Agent): Mr. Eoghan Tuite |
| Company/Organisation: EirGrid plc |
| Address: The Oval, 160 Shelbourne Road, Ballsbridge, Dublin |
| Eircode: D04 FW28 |
| Phone No: 01 677 1700 |
| E-mail address: Eoghan.Tuite@Eirgrid.com |

Agent (if any) Address/Contact Details:

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| Person/Agent acting on behalf of the Applicant: |
| Company: N/A |
| Address: N/A |
| Eircode: N/A |
| Phone No: N/A |
| E-mail address: N/A |

Applicant's Legal Advisor:

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|---|
| Name: Mr. Tom Finn, Company Secretary |
| Address: The Oval, 160 Shelbourne Road, Ballsbridge, Dublin |
| Eircode: D04 FW28 |
| Phone No: 01 677 1700 |
| E-mail address: Tom.Finn@Eirgrid.com |

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

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| 1.1 | <p>Description of proposed works/activity.</p> <p>EirGrid completed a feasibility study of a marine route between Ireland and France in 2016. As part of this study, geophysical, geotechnical and environmental marine surveys were undertaken along a route corridor between east Cork in Ireland and Brittany in France during 2014 and 2015 under two separate foreshore licences (FS 006243 & FS 006446). Following a review of the findings of these surveys, EirGrid decided to carry out further geophysical, geotechnical and environmental marine surveys to provide additional options for the proposed cable and to avoid areas of challenging geology that was identified on the approach to the east Cork coast.</p> <p>EirGrid completed the first phase of geophysical surveys of these additional options in October 2017 under foreshore licence FS 006722. This current foreshore licence application refers to the second phase of geotechnical and environmental marine surveys in order to complete the study of additional options. The proposed surveys are seaward of three landfalls (Ballinwilling Strand, Redbarn Beach and Claycastle Beach) within two survey corridors which converge with the 2014/15 marine survey corridors near the 12nm limit.</p> <p>The objective of the geotechnical survey is to evaluate the nature and mechanical properties of the superficial seabed sediments and inter-tidal sediments along the survey corridors. The aim of the environmental survey is to map the distribution and extent of marine benthic habitats from the interpretation of the geophysical survey for the cable route corridors. The proposed geotechnical and environmental survey is identical in nature and methodology to the previous geotechnical and environmental survey carried out in 2015. The geotechnical survey will include the acquisition of vibrocore (VB), cone penetrometer testing (CPT) and trial pits/borehole data, with the addition of optional rock coring should the CPT and VB testing fail to achieve sufficient penetration. The environmental survey will include the acquisition of benthic sampling and video/photography data.</p> <p>Data acquisition and coverage requirements are split according to the following survey areas:</p> <ul style="list-style-type: none">• Land/intertidal survey: from high water mark (HWM) to the charted low water mark (LWM) of each shore landing.• Shallow water survey: from LWM seawards to the first 10m LAT (Lowest Astronomical Tide) water depth.• Offshore survey: Seawards of the first 10m LAT water depth to 12nm limit. |
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| 1.2 | <p>Describe the nature and scale of any structure to be erected on the foreshore. Is the structure proposed to be temporary or permanent?</p> <p>No temporary or permanent structures to be constructed on the foreshore.</p> | | | | | | | | | | | | | | | | |
| 1.3 | <p>Indicative timing of the works/activity: (i) Start date (ii) Duration (iii) Any other information relevant to timing.</p> <p>The additional geotechnical and environmental survey works are planned to commence in May 2018 and last approximately 30 days. A contingency period will be required to allow for operational delays.</p> | | | | | | | | | | | | | | | | |
| 1.4 | <p>Primary usage for proposed development (please tick)</p> <table border="1" data-bbox="384 786 1235 1070"> <tr> <td>Use</td> <td></td> </tr> <tr> <td>Industrial</td> <td></td> </tr> <tr> <td>Commercial</td> <td style="text-align: center;">✓</td> </tr> <tr> <td>Within Fishery Harbour Centre</td> <td></td> </tr> <tr> <td>Sea Fisheries</td> <td></td> </tr> <tr> <td>Local Authority</td> <td></td> </tr> <tr> <td>Community/Co Op scheme</td> <td></td> </tr> <tr> <td>Other(specify)</td> <td></td> </tr> </table> | Use | | Industrial | | Commercial | ✓ | Within Fishery Harbour Centre | | Sea Fisheries | | Local Authority | | Community/Co Op scheme | | Other(specify) | |
| Use | | | | | | | | | | | | | | | | | |
| Industrial | | | | | | | | | | | | | | | | | |
| Commercial | ✓ | | | | | | | | | | | | | | | | |
| Within Fishery Harbour Centre | | | | | | | | | | | | | | | | | |
| Sea Fisheries | | | | | | | | | | | | | | | | | |
| Local Authority | | | | | | | | | | | | | | | | | |
| Community/Co Op scheme | | | | | | | | | | | | | | | | | |
| Other(specify) | | | | | | | | | | | | | | | | | |
| 1.5 | <p>Do the proposed works provide for public use, commercial use, restricted use or strictly private use? Provide Details</p> <p>Commercial – survey works to inform decision on Interconnector Project to trade electricity.</p> | | | | | | | | | | | | | | | | |
| 1.6 | <p>Might the proposed works restrict public use/enjoyment of the foreshore? Provide details.</p> <p>Surveyors will be present on the beaches using equipment to carry out survey activities for approximately 2-3 days per beach, at 3-4 sites per beach within limited exclusion zones. The 3-4 sites will be investigated independently of each other, therefore, it is not envisaged that the works will restrict public use/enjoyment of the beaches in question.</p> | | | | | | | | | | | | | | | | |

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| <p>1.7</p> | <p>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 including pending applications? (Give details including Department's file reference number(s)).</p> <p>Yes.</p> <p>FS 006722 Foreshore Licence for Geophysical Survey Works FS 006446 Foreshore Licence for Geotechnical and Environmental Survey Works FS 006243 Foreshore Licence for Geophysical Survey Works 2012/01120 (CSO Reference) 2010/00751 (CSO Reference) 2011/00796 (CSO Reference) 2009/06886 (CSO Reference)</p> |
| <p>1.8</p> | <p>Status of planning permission application: Pending/granted/not required.</p> <p>Consent Authority: Reference Number:</p> <p>(Please provide copies of consents granted)</p> <p>Not required.</p> |
| <p>1.9</p> | <p>Are any other consents required for this proposal? Please detail.</p> <p>Consent type: N/A Consent Authority: N/A Reference Number: N/A Status of application: N/A</p> <p>(Please provide copies of consents granted)</p> |
| <p>1.10</p> | <p>Employment Implications (if any)</p> <p>N/A - Insignificant and temporary employment implications.</p> |
| <p>1.11</p> | <p>Capital cost of proposed works (€ - Euro)</p> <p>N/A - No capital investment required, cost of survey subject to tender.</p> |

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| 1.12 | <p>Do the proposed works involve the draw down of European Union or State funding? If “Yes” give details, including any time restrictions, etc. applying</p> <p>The Celtic Interconnector was selected as a Project of Common Interest (PCI) in 2013 and retained this designation in subsequent lists published in 2015 and 2017. In addition, the Celtic Interconnector was “double labelled” as both a PCI and an “electrical highway” when it was accorded “electrical highway” status as a priority electricity corridor in November 2015. The e-Highway Initiative developed five energy scenarios setting out contrasting possibilities for the evolution of the European power system, while meeting the 2050 low carbon economy goals. The Celtic Interconnector was identified as one of 25 projects which add value under all five scenarios.</p> <p>An application for financial support from the Connecting Europe Facility (CEF) for the current development phase of the Celtic Interconnector (including the proposed marine survey) under the 2016 CEF Energy Call 2 was made in November 2016 and a grant of up to €4m was awarded by the CEF in February 2017. The grant covers activities up to the end of October 2018.</p> |
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Part 2: Proposed Site. (Attach additional documents as required)

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| 2.1 | County: County Cork |
| 2.2 | <p>Location name and nearest townland name:</p> <p>Two separate marine cable route corridors are proposed to be surveyed, with landfalls at Ballinwilling Strand, Townland of Ballycrenane, Co. Cork, Redbarn Beach, Townland of Redbarn, Co. Cork and Claycastle Beach, Townland of Summerfield, Co. Cork.</p> |
| 2.3 | <p>Geographic co-ordinates of the area under application in degrees minutes and seconds WGS84 for offshore developments and where the area can also be identified on the Ordnance Survey map and /or is connected to the seashore/mainland , specify Ordnance Survey map no and Irish National Grid co-ordinates</p> <p>Coordinates for the proposed survey areas (WGS84 UTM Zone 29)</p> |

Ballinwilling Strand

500m wide corridor from landfall to intersection with previous marine survey extent near 12nm limit (250m either side of below coordinates)

| | |
|--------------------|-------------------|
| 51° 51' 57.4300" N | 7° 58' 45.7500" W |
| 51° 51' 25.4822" N | 7° 58' 37.3707" W |
| 51° 50' 53.5343" N | 7° 58' 28.9946" W |
| 51° 50' 21.5862" N | 7° 58' 20.6218" W |
| 51° 50' 08.3632" N | 7° 58' 17.1573" W |
| 51° 49' 51.7183" N | 7° 58' 02.4680" W |
| 51° 49' 38.6735" N | 7° 57' 50.9581" W |
| 51° 49' 31.1426" N | 7° 57' 47.7839" W |
| 51° 49' 21.6307" N | 7° 57' 50.9805" W |
| 51° 49' 18.2226" N | 7° 57' 52.1257" W |
| 51° 48' 49.3556" N | 7° 57' 50.4706" W |
| 51° 48' 44.4465" N | 7° 57' 50.1891" W |
| 51° 48' 28.8423" N | 7° 57' 55.6547" W |
| 51° 48' 18.8406" N | 7° 58' 04.7666" W |
| 51° 48' 00.9628" N | 7° 58' 21.0507" W |
| 51° 47' 50.7510" N | 7° 58' 25.1641" W |
| 51° 47' 49.4429" N | 7° 58' 25.2692" W |
| 51° 47' 41.1028" N | 7° 58' 25.9392" W |
| 51° 47' 30.4735" N | 7° 58' 31.8952" W |
| 51° 47' 20.6945" N | 7° 58' 45.1220" W |
| 51° 47' 16.4515" N | 7° 58' 50.8603" W |
| 51° 47' 10.8035" N | 7° 58' 54.8795" W |
| 51° 46' 52.9365" N | 7° 59' 11.5896" W |
| 51° 46' 52.3976" N | 7° 59' 12.0936" W |
| 51° 46' 46.0677" N | 7° 59' 14.9820" W |
| 51° 46' 29.3787" N | 7° 59' 27.3371" W |
| 51° 46' 24.8897" N | 7° 59' 27.8620" W |
| 51° 46' 22.6884" N | 7° 59' 26.7893" W |
| 51° 46' 04.0631" N | 7° 59' 17.7135" W |
| 51° 45' 54.0935" N | 7° 59' 04.4967" W |
| 51° 45' 47.4576" N | 7° 58' 55.7005" W |
| 51° 45' 31.9454" N | 7° 58' 26.6665" W |
| 51° 45' 21.0340" N | 7° 58' 06.2491" W |
| 51° 45' 10.4519" N | 7° 57' 47.6817" W |
| 51° 45' 07.2491" N | 7° 57' 42.0629" W |
| 51° 44' 44.8917" N | 7° 57' 15.9028" W |
| 51° 44' 34.8410" N | 7° 57' 04.1454" W |
| 51° 44' 19.6151" N | 7° 56' 43.3921" W |
| 51° 43' 54.9051" N | 7° 56' 09.7228" W |
| 51° 43' 30.1925" N | 7° 55' 36.0636" W |
| 51° 43' 05.4772" N | 7° 55' 02.4146" W |
| 51° 42' 40.7592" N | 7° 54' 28.7758" W |
| 51° 42' 16.0387" N | 7° 53' 55.1472" W |
| 51° 41' 51.3154" N | 7° 53' 21.5287" W |
| 51° 41' 26.5896" N | 7° 52' 47.9204" W |
| 51° 41' 01.8611" N | 7° 52' 14.3223" W |
| 51° 40' 37.1299" N | 7° 51' 40.7342" W |
| 51° 40' 30.0003" N | 7° 51' 31.0538" W |
| 51° 40' 10.8090" N | 7° 51' 10.5595" W |
| 51° 39' 43.8432" N | 7° 50' 41.7726" W |
| 51° 39' 21.9600" N | 7° 50' 18.4200" W |

Redbarn Beach

500m wide corridor from landfall to intersection with new corridor from Claycastle Beach (250m either side of below coordinates)

| | |
|--------------------|-------------------|
| 51° 55' 28.1700" N | 7° 52' 19.5400" W |
| 51° 55' 11.3832" N | 7° 51' 34.7863" W |
| 51° 54' 54.5918" N | 7° 50' 50.0419" W |
| 51° 54' 37.7957" N | 7° 50' 05.3068" W |
| 51° 54' 37.7132" N | 7° 50' 05.0872" W |
| 51° 54' 26.2309" N | 7° 49' 37.5365" W |

Claycastle Beach

500m wide corridor from landfall to intersection with previous marine survey extent near 12nm limit (250m either side of below coordinates)

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|--------------------|-------------------|
| 51° 56' 02.7700" N | 7° 51' 35.7800" W |
| 51° 55' 38.4586" N | 7° 51' 01.2193" W |
| 51° 55' 14.1443" N | 7° 50' 26.6690" W |
| 51° 55' 08.5674" N | 7° 50' 18.7462" W |
| 51° 54' 53.9818" N | 7° 50' 07.9812" W |
| 51° 54' 46.6095" N | 7° 49' 59.8921" W |
| 51° 54' 19.8265" N | 7° 49' 30.5123" W |
| 51° 54' 12.4227" N | 7° 49' 22.3927" W |
| 51° 53' 50.5000" N | 7° 49' 09.0787" W |
| 51° 53' 20.2016" N | 7° 48' 50.6842" W |
| 51° 52' 49.9024" N | 7° 48' 32.2966" W |
| 51° 52' 19.6023" N | 7° 48' 13.9157" W |
| 51° 51' 49.3015" N | 7° 47' 55.5416" W |
| 51° 51' 18.9999" N | 7° 47' 37.1743" W |
| 51° 50' 48.6975" N | 7° 47' 18.8138" W |
| 51° 50' 44.0911" N | 7° 47' 16.0234" W |
| 51° 50' 19.9431" N | 7° 46' 54.9655" W |
| 51° 49' 51.4650" N | 7° 46' 30.1407" W |
| 51° 49' 22.9855" N | 7° 46' 05.3246" W |
| 51° 48' 54.5045" N | 7° 45' 40.5171" W |
| 51° 48' 28.9017" N | 7° 45' 18.2250" W |
| 51° 48' 25.6999" N | 7° 45' 17.1363" W |
| 51° 47' 54.0302" N | 7° 45' 06.3689" W |
| 51° 47' 49.4199" N | 7° 45' 04.8019" W |
| 51° 47' 33.7861" N | 7° 45' 04.9528" W |
| 51° 47' 22.2704" N | 7° 45' 10.5083" W |
| 51° 46' 51.2622" N | 7° 45' 25.4635" W |
| 51° 46' 40.1244" N | 7° 45' 30.8336" W |
| 51° 46' 21.2656" N | 7° 45' 44.7488" W |
| 51° 45' 51.8353" N | 7° 46' 06.4572" W |
| 51° 45' 22.4038" N | 7° 46' 28.1575" W |
| 51° 44' 52.9711" N | 7° 46' 49.8500" W |
| 51° 44' 23.5372" N | 7° 47' 11.5346" W |
| 51° 44' 22.4754" N | 7° 47' 12.3166" W |
| 51° 43' 53.3621" N | 7° 47' 30.3788" W |
| 51° 43' 23.1584" N | 7° 47' 49.1099" W |
| 51° 42' 52.9537" N | 7° 48' 07.8340" W |
| 51° 42' 22.7482" N | 7° 48' 26.5511" W |
| 51° 41' 52.5417" N | 7° 48' 45.2612" W |
| 51° 41' 22.3344" N | 7° 49' 03.9643" W |
| 51° 40' 52.1261" N | 7° 49' 22.6605" W |
| 51° 40' 21.9169" N | 7° 49' 41.3496" W |
| 51° 39' 51.7068" N | 7° 50' 00.0317" W |
| 51° 39' 21.9600" N | 7° 50' 18.4200" W |

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| 2.4 | Please indicate the size of the Foreshore area (Ha²) or (M2) or (KM2) Approximately 3,292 Hectares (32.92km ²) |
| 2.5 | If offshore please indicate distance from shore (Km): The survey corridor extends to the 12nm limit (22.2 kilometres) |
| 2.6 | Is any of the foreshore in the proposed site in private ownership? If yes please provide documentary evidence of same (e.g. folio) N/A |
| 2.7 | Any other site details considered relevant: None |

Part 3. Maps and Drawings, Please refer to Guidance on map and drawing requirements.

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| 3.1 | Site location map attached? Please include reference no(s). Please refer to Attachment B (Site Location Map) |
| 3.2 | Foreshore Lease/Licence map attached? Please include reference no(s). Please refer to Attachment C (Foreshore Licence Map) |
| 3.3 | Drawings of structures to be used and or layout (if required) attached? Please detail and include reference no(s). N/A |
| 3.4 | Admiralty Chart attached? Please refer to Attachment C (Foreshore Licence Map) |
| 3.5 | Other maps/drawings attached ?– please detail and include reference numbers Please refer to Attachment D (Protected Sites within 10km of project site) |

Part 4: Pre- application consultations

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| 4.1 | <p>Describe briefly any consultations undertaken with the following bodies:</p> <ul style="list-style-type: none">• National Parks & Wildlife Service (NPWS) of the Department of Arts, Heritage, Regional, Rural and Gaeltacht Affairs Contact has been established with Development Applications Unit of the Department of Arts, Heritage, Regional, Rural and Gaeltacht Affairs regarding the current survey and as part of previous foreshore licence applications (FS 006243, FS 006446 & FS 006722). EirGrid intends to maintain contact with the DAU regarding the nature of upcoming works.• National Monuments Service (NMS) of the Department of Arts, Heritage, Regional, Rural and Gaeltacht Affairs Contact has been established with Development Applications Unit of the Department of Arts, Heritage, Regional, Rural and Gaeltacht Affairs regarding the current survey and as part of previous foreshore licence applications (FS 006243, FS 006446 & FS 006722). EirGrid intends to maintain contact with the DAU regarding the nature of upcoming works.• Inland Fisheries Ireland Contact has been established with Inland Fisheries Ireland regarding the current survey and as part of previous foreshore licence applications (FS 006243, FS 006446 & FS 006722). EirGrid intends to maintain contact with Inland Fisheries Ireland regarding the nature of upcoming works.• Sea Fisheries Protection Authority Contact has been established with the Sea Fisheries Protection Authority regarding the current survey and as part of previous foreshore licence applications (FS 006243, FS 006446 & FS 006722). EirGrid intends to maintain contact with the Sea Fisheries Protection Authority regarding the nature of upcoming works.• Marine Institute Contact has been established with the Marine Institute regarding the current survey and as part of previous foreshore licence applications (FS 006243, FS 006446 & FS 006722). EirGrid intends to maintain contact with the Marine Institute regarding the nature of upcoming works.• Marine Survey Office Contact has been established with the Marine Survey Office regarding the current survey and as part of previous foreshore licence applications (FS 006243, FS 006446 & FS 006722). EirGrid intends to maintain contact with the Marine Survey Office regarding the nature of upcoming works.• Others Contact has also been established with the Department of Agriculture, Food and the Marine and Cork County Council regarding the current survey and as part of previous foreshore licence applications (FS 006243, FS 006446 & FS 006722). EirGrid intends to maintain contact with the Department of Agriculture, Food and the Marine and Cork County Council regarding the nature of upcoming works. <p>Please also provide copies of correspondence.</p> <p>Please refer to Attachment H (Pre-Application Consultation)</p> |
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| 4.2 | <p>Describe briefly any consultations undertaken with other relevant authorities (e.g. Local Authority, Port/Harbour authority etc) or State Agencies.</p> <p>N/A</p> |
| 4.3 | <p>Describe any consultations undertaken to date with other foreshore users.</p> <p>As part of the execution of the previous geophysical survey, consultation was carried out with local fisheries interests with regard to the geophysical survey that was completed in November 2017 and also with regard to the upcoming geotechnical and environmental surveys to be carried out in May 2018. Further consultation will be undertaken with local fisheries interests in preparation for the geotechnical and environmental surveys.</p> |
| 4.4 | <p>Describe any likely interactions with activities of the public or other foreshore users during the construction and operational phases of the works/activities (e.g. fishing, aquaculture, sailing, and surfing swimming, walking). Describe any measures proposed to minimise inconvenience to other users.</p> <p>All three beaches are of high amenity value all year round, popular with walkers and bathers.</p> <p>Survey equipment and personnel will be present on each beach for a short duration (approximately 2-3 days each). An overview of the equipment to be deployed is provided in the Attachment A - Schedule of Survey Works. It is possible that the works will cause localised disturbance to beach users and may be a minor inconvenience. However given the short duration of these works and the restricted survey area it is not anticipated that the disturbance will be significant.</p> <p>The main recreational activities relating to the offshore area are sailing and sea angling. Whale and dolphin watching is also popular along the Cork coast and other water sports including diving, water skiing and surfing take place along the south coast. Prior to the offshore works Notifications to Mariners will be issued and local sailing/diving clubs informed of the survey works programme. Prior to the offshore works Notifications to Mariners will be issued and local sailing/angling clubs informed of the offshore survey works programme.</p> <p>EirGrid will ensure all relevant notices will be posted ahead of any survey works.</p> |
| 4.5 | <p>Have adjacent land owners, whose properties may be affected by these works been consulted? Please provide details/permissions as appropriate.</p> <p>It is not envisaged that any adjacent properties will be affected.</p> |

Part 5: Environmental Considerations
(your consultations with National Parks and Wildlife Service and National Monuments Service may inform your answers. Attach additional reports as required and mark under the R column)

www.epa.ie/downloads/advice/ea/guidelines/

www.environ.ie/en/DevelopmentHousing/PlanningDevelopment/EnvironmentalAssessment/

<http://www.npws.ie/protectedsites/appropriateassessment/>

<http://webgis.npws.ie/npwsviewer/>

| | Environmental Legislative Requirements | Yes | No | R |
|------------|---|------------|-----------|---|
| 5.1 | Is an Environmental Impact Statement required for this proposal? | | N | |
| 5.2 | Is a Natura Impact Statement required for this proposal? Screening for Appropriate Assessment has been carried out by EirGrid and the survey will not result in likely significant impacts on the conservation objectives of any Natura 2000 site, alone or in combination with other projects. | | N | Refer to: Attachment E – Appropriate Assessment Screening |
| 5.3 | Is the area within or adjacent to a NHA, pNHA, SAC, SPA, or National Park? Specify site names and code(s). <ul style="list-style-type: none"> • 000076 Ballycotton, Ballynamora and Shanagarry pNHA • 0004022 Ballycotton Bay SPA • 0004023 Ballymacoda Bay SPA • 000078 Ballyvergan Marsh pNHA • 000077 Ballymacoda (Clonpriest and Pillmore) SAC & pNHA • 000072 Blackwater River and Estuary pNHA • 0004028 Blackwater Estuary SPA • 0002170 Blackwater River (Cork/Waterford) SAC | Y | | Refer to: Attachment E – Appropriate Assessment Screening Section 3.2 |
| 5.4 | 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 list with planning reference numbers (where available). | | N | Refer to: Attachment E – Appropriate Assessment Screening Cumulative impacts Section |

| | Environmental Considerations | Yes | No | R |
|------------|---|------------|-----------|---|
| 5.5 | <p>Will the proposal have any potential environmental impacts? If yes, please describe</p> <p>The survey methods proposed include minor investigative excavations which are temporary in nature and will not result in any significant environmental impacts. Potential ecological impacts as they relate to sites designated for Nature Conservation are examined in the Screening for AA. Potential impacts to marine mammals have been assessed as not significant and a marine mammal risk assessment has been completed.</p> <p>No potential impacts are predicted for water quality, marine geology or benthic habitats.</p> | | N | <p>Refer to:</p> <p>Attachment E – Appropriate Assessment Screening</p> <p>Attachment F – Marine Mammal Risk Assessment</p> |
| 5.6 | <p>Are you proposing any measures to mitigate the potential environmental impacts? If yes, please describe</p> <p>The environmental examination of the proposed surveys does not identify any impacts that require detailed mitigation measures. As discussed in Attachment F Marine Mammal Risk Assessment it is considered unlikely that the proposed geotechnical and environmental survey works will present a risk to marine mammals. The survey works will also be undertaken in accordance with best practice guidelines. Therefore no mitigation measures will be required.</p> | Y | | |
| 5.7 | <p>Are there public health/safety implications arising from the proposed works? (e.g. effluent disposal, removal of derelict or dangerous structures etc.) If yes, please describe</p> | | N | |
| 5.8 | <p>Will the works involve the storage and/or disposal of waste? If "Yes" please give details of the type of waste and the proposed method of storage and/or disposal (including location)</p> <ul style="list-style-type: none"> • Disposal of grey water from survey vessel(s). • The vessel(s) will comply with the International Convention for the Prevention of Pollution from Ships (MARPOL) regulations. | Y | | |
| 5.9 | <p>Any other Environmental Considerations? If yes, please specify.</p> | | N | |

| | Built Heritage Considerations | Yes | No | R |
|-------------|---|------------|-----------|----------|
| 5.10 | <p>Does the area contain an archaeological site or feature? If yes, please specify.</p> <p>Preliminary marine cable routing took into account the presence of known wrecks as identified in SeaZone Hydrospatial data and subsequently the proposed cable routes were adjusted to avoid these locations where possible. SeaZone and INFOMAR shipwreck data were also considered for the revised cable routing. The locations of known wrecks, other archaeological features and, as yet, unidentified sites within the survey corridor have been confirmed through archaeological review of the marine geophysical survey. Potential palaeo-environmental evidence has also been identified in the intertidal zone and the proposed surveys would add to our knowledge and understanding of these deposits.</p> | Y | | |
| 5.11 | <p>Does the area contain or adjoin a listed archaeological site or monument? If yes, please specify.</p> <p>As per the above – marine cable routing took into account the presence of known wrecks as identified within SeaZone Hydrospatial data and INFOMAR shipwreck data and subsequently the proposed cable routes were adjusted to avoid these locations.</p> | | N | |
| 5.12 | <p>Will the proposal have any potential impacts on the archaeological integrity of the site? If yes please describe</p> <p>The geotechnical and environmental surveys will avoid any potential archaeological features within the survey area.</p> | | N | |
| 5.13 | <p>Are you proposing any measures to mitigate potential archaeological impacts? If yes, please describe?</p> <p>Consultation has been previously undertaken with Underwater Archaeology Unit (UAU) as part of the previous foreshore licence applications on the requirements to mitigate potential impacts to archaeology. Measures to be implemented as part of the previous surveys were previously confirmed by the UAU.</p> <p>Further consultation will take place with the UAU with regard to the proposed additional geotechnical and environmental survey. In any case the survey will be conducted to archaeological standards and archaeological exclusion zones will be put in place around known sites to ensure that the vessels' survey works do not impact on any archaeological sites. It is intended that the collected data will be reviewed by geo-archaeological specialists. If during the course of the geo-archaeological assessment of the results, it is found that anomalies or areas warrant further investigation, UAU may require that more detailed surveys be carried out.</p> | Y | | |

Part 6: Navigational Safety Considerations. (Your consultations with relevant stakeholders may inform your answers. Attach additional documents as required and mark under the R column)

| | Navigational Safety Considerations. | Yes | No | R |
|------------|--|------------|-----------|----------|
| 6.1 | Are there public navigational safety implications arising from the proposed works? | | N | |
| 6.2 | What marine activity is there in the area? The types of marine activity that will occur in the area of the offshore marine survey corridor are generally limited to those relating to shipping, fisheries and leisure/sports traffic category. | | | |
| 6.3 | How will the marine activity be affected by the proposed works? The execution of the proposed offshore surveys will increase the volume of shipping traffic by a negligible amount. Therefore there will be no additional navigational safety implications. However, established marine navigation practices will be adhered to and maintained by the survey vessel(s) involved. | | | |
| 6.4 | What mitigating measures will be put in place? Well established marine survey activity procedures will be followed for the survey works. These will include: <ul style="list-style-type: none"> • “Notice to Mariners” will be issued to the Maritime Safety Directorate of the Department of Tourism, Transport and Sport • A Fisheries Liaison Officer will be appointed As the works are temporary there will be no effect on marine navigation once the survey has been completed. | | | |
| 6.5 | How will the proposed works affect Marine Navigation in the future? There will be no permanent negative effects to marine navigation as a result of the works. | | | |

Part 7: Fishing/Aquaculture considerations (your consultations with IFI, SFPA, DAFM may inform your answers. Attach additional documents as required and mark under the R column)

| | Fishing/Aquaculture considerations | Yes | No | R |
|------------|---|------------|-----------|----------|
| 7.1 | <p>Is the proposal located in proximity to any of the following:</p> <ul style="list-style-type: none"> • aquaculture operation • designated Shellfish Growing Waters • fish spawning ground • other sensitive fisheries location <p>Please Illustrate on appropriate chart including distance in Km.</p> <p>The proposed survey areas are not within any designated shellfish waters. The closest shellfish waters are the following proposed designations: Ballymacoda (approximately 8km to Ballinwilling and 4km to Redbarn) Four areas within Cork Harbour (>15km from Ballinwilling):</p> <ul style="list-style-type: none"> • Rostellan North • Rostellan South • Rostellan West • Cork Great Island North Channel <p>The proposed survey areas are located within approximately 3km of a proposed aquaculture area at Ballynamona within Ballycotton Bay SPA.</p> <p>The proposed survey areas are located within the Biologically Sensitive Area (BSA) off the south west of Ireland (Council Regulation (EC) No 1954/2003). This is an important area for fish spawning and as a juvenile fish nursery for many species. The geotechnical and environmental survey is not an activity that will impact on the integrity of the spawning or nursery grounds. The short duration of the survey will minimise any potential temporary local disturbance of juvenile/adult fish.</p> | Y | | |
| 7.2 | <p>Are there other potential impacts of the proposal on fishing/aquaculture in the area? If yes, please describe.</p> | | N | |
| 7.3 | <p>Are there any measures proposed to mitigate potential impacts on fisheries or aquaculture? If yes, please describe.</p> | | N | |

Part 8 – Additional information

| | |
|------------|--|
| 8.1 | Please detail any additional relevant information. N/A |
|------------|--|


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.

I give consent to the Minister and his servants to copy this application and to make it 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.

Signature of Applicant (or his or her Agent):



Name of above Signatory (block letters):

EOGHAN TUITE (EIRGRID PLC)

Position Held:

Senior Project Engineer

Date: 21/12/2017

Return completed applications to:

Marine Planning 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

Enclosures Checklist

One hard copy of every document is required unless otherwise stated. Electronic versions of documentation must also be provided in searchable PDF format (no single file to be greater than 30mb) so that the Department can make them available on its website.

| Item No. | Description | No. of copies Required | |
|-----------|---|------------------------|---------------------------------------|
| 1 | Application Form. With original signature | 4 | ✓ |
| 2 | Mapping (see guidelines document) (i) Site Location map (ii) Foreshore Lease/licence map | 4 4 | ✓ |
| 3 | British Admiralty Chart (largest available scale) | 1 | ✓ |
| 4 | Drawings of the structures to be used and/or layout | 4 | N/A |
| 5 | Pre-application correspondence with stakeholders. | 1 | ✓ |
| 6 | Other statutory permissions: (i) Planning permission (ii) Effluent Discharge Licence (iii) Other consent (Please specify) | 1 1 1 | N/A |
| 7 | Company documentation (1): Certified copy of the Company's Memorandum and Articles of Association | 1 | ✓ |
| 8 | Company documentation (2) Certificate of Incorporation of a Limited Liability, or Company/Rule Book/Constitution for a Club or Co-Operative Society as appropriate | 1 | ✓ |
| 9 | Environmental Impact Statement (EIS). (i) Hard copy (ii) CDs | 5 25 | N/A |
| 10 | Natura Impact Statement (NIS) (i) Hard copy (ii) CDs | 5 4 | N/A |
| 11 | Property-related owner permissions/wayleaves (i) Folio – (or other evidence of private ownership) (ii) Wayleave/consent from other property owners (iii) Other (Please specify) | 2 1 1 | N/A |
| 12 | Other – Please specify | 1 | Full list of attachments below |

LIST OF ATTACHMENTS

| | |
|----------------------|---|
| ATTACHMENT A: | SCHEDULE OF SURVEY WORKS |
| ATTACHMENT B: | SITE LOCATION MAP |
| ATTACHMENT C: | FORESHORE LICENCE MAP |
| ATTACHMENT D: | PROTECTED SITES WITHIN 10KM MAP |
| ATTACHMENT E: | STAGE 1 – SCREENING FOR APPROPRIATE |
| ASSESSMENT | |
| ATTACHMENT F: | MARINE MAMMAL RISK ASSESSMENT REPORT |
| ATTACHMENT G: | COMPANY INFORMATION |
| ATTACHMENT H: | PRE-APPLICATION CONSULTATION |