

For Office Use

Ref. No._____

Application date:_____

Comhshaol, Pobal agus Rialtas Áitiúil Environment, Community and Local Government

Date of receipt.

Date Validated:_____

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

- Applications for <u>Offshore renewable energy</u> (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

Applicant Details:

Contact Name: Paul O'Sullivan

Company/Organisation: Frazer Ferries Ltd

Address: 23 Howleys Quay, Limerick, Ireland

Phone No: 0035361316390

E-mail address: paul@carlingfordferries.com

Nominated Contact/Agent (Where different from above):

Name: Diarmuid O'Loan

Company: RPS

Address: Elmwood House, 74 Boucher Road, Belfast, Northern Ireland, BT12 6RZ Phone No: 02890 667914

E-mail address: diarmuid.oloan@rpsgroup.com

Applicant's Legal Advisor:

Name: Tughans Solicitors, c/o Tracey Schofield

Address: Marlborough House, 30 Victoria Street, Belfast, BT1 3GS

Phone No: 00 44 (0) 28 9055 3300

E-mail address: Tracey.Schofield@tughans.com

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

1.1	Description of proposed works/activity.
	Desemption of proposed norms, detriegt

The proposed development includes:

- a reinforced concrete slipway at Greenore with vertical fender piles on one side to absorb berthing forces from the ferry with a parking and queuing area on land;
- floating navigational marks anchored to the bed of the Lough and laid at the edges of the navigable channel to delineate appropriate channel boundaries or to mark shallow rock outcrops and provide for safety of navigation;

The proposed ferry vessel to be used once the development is operational; it will be a typical Roll-On and Roll-Off vessel (RO-RO), powered by four diesel engines and capable of accommodating approximately 40 cars. This form of vessel uses hydraulically operated ramps at either side of the vessel to allow for easy boarding and disembarkation of vehicles. Vehicles will drive over one ramp to access the vessel and drive straight through, exiting on the opposite ramp when the crossing is complete. This vessel would be approximately 48m long excluding ramps and have a top speed of approximately 8-12 knots, depending on specification and weather conditions. The ferry is expected to operate on an hourly basis from each side commencing around 7am and finishing around 9pm during the summer season.

1.2 Describe the nature and scale of any structure to be erected on the foreshore. Is the structure proposed to be temporary or permanent?

The structure will be permanent. The key elements comprise:

- a concrete slipway at approximately 1:9 gradient and 60m long to allow a double ended car ferry to drop its vehicular ramp and permit access for through traffic. The slipway will "point" south-eastwards and will be bounded on the three outer sides by a sheet piled wall to ensure stability and retain the fill within. The top surface will comprise a reinforced concrete slab.
- a series of seven vertical tubular piles of approx 1219mm diameter driven into the seabed on the southern side of the slipway with 500mm wide x 500mm breadth fenders mounted vertically on the berthing side to act as a guide for the vessel approaching the ramp. Both fenders and piles will be black in colour. The most seaward pile will have a single navigation light mounted 5.3m above high water level. There will be no walkway or bollards along the berthing face at Greenore, the ferry will simply berth on the slipway and not tie up. In the event of an emergency, mooring ropes may be slung around the fender piles to hold the ferry at the Greenore slipway.
- a small ancillary portacabin to be used for ticket sales for the vehicular ferry and toilet facilities. The toilet waste will be drained into the sewer in the Port of Greenore that is connected to the public sewerage system, the details of which should be agreed with the planning authority (An Bord Pleanala planning condition No.3 PL15.243191).
- a hardstanding area will be created at similar levels as exist at present over Greenore Point using a paved surface to be used as an off-road queuing area for traffic of approx 1,900m². The drainage will be collected via gullies and diverted through an oil interceptor and subsequently through a percolation area using herringbone drainage. Thus no drainage outfalls are proposed in these works. The seaward perimeter will have a footpath and kerbing added along the top of the existing rock armour to facilitate pedestrians along the seafront and improve access for fishing stands.
- the gable ends of the existing warehouse building at Greenore Point will be demolished to allow improved traffic flow entering the site and fire them to form a queue at the northern end of the site. The concrete slab of approx 540m3 within the warehouse will be retained. New bracing of the gable frames at each end of the building...

..will be required to ensure the stability of the portal framed building and a combination of steel 'X' bracing and partial blockwork walls will be used to provide this stability;

- the existing gates, security hut for the Port and its weighbridge will be demolished and relocated further back into the port area to facilitate the new entrance configuration. The Port entrance gates will be pushed back by 15m and comprise 3 new palisade gates to allow incoming, outgoing and weighbridge traffic.
- the palisade fencing at the northern end of the Louth County Council car-park will be removed to allow pedestrian access from the car-park into the ferry terminal. This boundary will be demarcated by pedestrian bollards located approximately 1.2m apart. The existing port boundary wall at the northern end of the council car park will be retained;
- The existing 20m high lighting column near the southern end of the warehouse will be retained and complemented by additional lighting columns of 8m height with directional light fittings to minimise light pollution spreading outside the site located around the boundary of the hardstanding area as shown on accompanying drawings

The works comprise both land based and marine construction with some activities requiring divers to undertake construction works – particularly at the outer end of the slipways. There is no dredging associated with these proposals. No blasting or explosives will be required for the construction of the slipways or jetty. The works were conceived to minimise disturbance to water flows and to minimise potential disruption to the natural sediment transport regime in Carlingford Lough. The proposals are designed to fit within the natural seabed depths as found on site.

The site at Greenore has a naturally steep beach gradient which is most suitable for construction of a slipway aligned with the natural beach gradient over the main tidal range and with limited piling at the outer end to retain the submerged part of the slipway. There is thus little impedance to the flow of tidal water from construction of the slipway which will largely be aligned with current beach levels.

Should additional navigation marker buoys be deemed necessary by the Carlingford Lough Commission, these will be provided and located as per their requirements. It is anticipated that deadweight concrete or ships anchors would be deployed on the seabed to restrain these navigation buoys.

1.3	Indicative timing of the works/activitinformation relevant to timing.	i) Duration (iii) Any other				
	It is expected that the duration of works and programme at Greenore will be as in the table below. Overlapping elements are shown as parallel activities programmed week column. These durations are given as a guide only and sl be taken as definitive or restricting the build programme.					
	Construction Task	Duration	Programmed Weeks			
	Set up site	1 week	wk 1			
	Piling incl fender piles	10 weeks	wk 1 to 10			
	Stone infill within sheet piling	3 weeks	wk 8 to 10			
	Precast concrete off site	6 weeks	wk 4 to 9			
	In situ concrete deck	10 weeks	wk 6 to 15			
	Precast concrete deck and stitch pours	8 weeks	wk 6 to 13			
	Install fenders	3 weeks	wk 8 to 10			
	Site hardstanding	8 weeks	wk 11 to 18			
	Site services, drainage	3 weeks	wk 18 to 20			
	Port gate and access improvements	5 weeks	wk 6 to 10			
	Within Fishery Harbour Centr Sea Fisheries Local Authority Community/Co Op scheme Other(specify)	'e	√ Ferry - Marine			
			Tourism			
1.5	Do the proposed works provide for use or strictly private use? Provid The proposed works provide for comm slipway may be used for restricted pub	le Details	rry operation. However, the			
1.6	 slipway may be used for restricted public use outside of ferry operational times. Might the proposed works restrict public use/enjoyment of the foreshore? Provide details. The beach and foreshore in the vicinity of the proposed slipway lie at the very northern extent of accessible foreshore for the public before Greenore Port interrupts the coastline. There is thus limited access currently though many fishermen enjoy the access to Greenore Point for fishing. This access will be enhanced by the proposals and a specific walkway along the top of the revetment is included in the works. The beach will become more accessible by virtue of the slipway extending down from ground level at a shallow gradient and will only be restricted during berthing of the ferry. 					

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 including pending applications? (Give details including Department's file reference number(s)). No
1.8	Status of planning permission application: Pending/granted/not required.
	Consent Authority: Louth County Council; An Bord Pleanala Reference Number: 13/241; PL15.243191
	(Please provide copies of consents granted) Planning Permission from Louth County Council enclosed. Planning Permission from An Bord Pleanala enclosed.
1.9	Are any other consents required for this proposal? Please detail.
	Sanction from the Commissioners of Irish Lights for erection of aids to navigation (nav. lights) will be required following approval of Foreshore Licensing.
	Consent type: Sanction for Aids to navigation Consent Authority: Commissioners of Irish Lights Reference Number: Application not yet submitted. Status of application: Application not yet submitted.
	(Please provide copies of consents granted)
1.10	Employment Implications (if any) Employment opportunities during construction – approx 5-8 full time equivalent jobs. Employment during operation – approx 8-10 full time equivalent jobs directly linked to the ferry operation. And wider employment opportunities exist from increased tourism activity in the general area.
1.11	Capital cost of proposed works (€ - Euro) €0.8 – €1.0M at Greenore for slipway, berthing piles, hardstanding areas and access provision/upgrade. (and approx €1.5M at Greencastle to facilitate the matching ferry terminal on opposite shore)
1.12	Do the proposed works involve the draw down of European Union or State funding? If "Yes" give details, including any time restrictions, etc. applying
	No. The project is privately funded.

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

2.1	County: Louth		

2.2	Location name and nearest townland name: Greenore, Greenore Point, Shore Road, Co. Louth			
2.3 Geographic co-ordinates of the area under application in degree and seconds WGS84 for offshore developments and where the also be identified on the Ordnance Survey map and /or is conne the seashore/mainland, specify Ordnance Survey map no and National Grid co-ordinates				
	Os Map Nos: 1568-C, 1568-D, 1636-A, 1636			
	Bounding box of works on Foreshore to Irish Grid and to WGS84 1. $322,427mE$, $311,118mN = 54^{\circ}02'05.3"N$, $06^{\circ}07'55.9"W$ 2. $322,582mE$, $311,050mN = 54^{\circ}02'03.0"N$, $06^{\circ}07'47.5"W$ 3. $322,574mE$, $311,026mN = 54^{\circ}02'02.2"N$, $06^{\circ}07'47.9"W$ 4. $322,470mE$, $311,052mN = 54^{\circ}02'03.1"N$, $06^{\circ}07'53.6"W$			
2.4	Please indicate the size of the Foreshore area (Ha ²) or (M2) or (KM2) Foreshore below HWM = 0.22 hectares			
2.5	If offshore please indicate distance from shore (Km): N/A. Works located at shore.			
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)			
	Adjacent lands for hardstanding and queuing area under control of Greenore Port exist under Foreshore Licence MS51/2/114.			
2.7	Any other site details considered relevant:			
	N/A			

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

3.1	Site location map attached? Please include reference no(s).
	Drawing IBM0358-100
3.2	Foreshore Lease/Licence map attached? Please include reference no(s).
	IBM0358-120 Greenore Foreshore Area

3.3	Drawings of structures to be used and or layout (if required) attached Please detail and include reference no(s).				
	IBM0358-101 - Proposed Site Location IBM0358-102 - Existing General Arrangement IBM0358-110 - Proposed General Arrangement IBM0358-111 - Proposed Sections IBM0358-112 - Proposed Details IBM0358-113 - Proposed General Arrangement Drainage				
3.4	Admiralty Chart attached? Refer to drawing IBM0358-121 – Ferry Route on Admiralty Chart				
3.5	Other maps/drawings attached ?- please detail and include reference numbers IBM0358-SK01 - Ferry Route overlaid with Aquaculture Sites IBM0358-121 - Ferry Route on Admiralty Chart				

Part 4: Pre- application consultations

4.1	 Describe briefly any consultations undertaken with the following bodies. National Parks & Wildlife Service (NPWS) National Monuments Service (NMS) of Department of Arts, Heritage and the Gaeltacht Inland Fisheries Ireland Sea Fisheries Protection Authority Marine Institute Marine Survey Office 		
Please also provide copies of correspondence. During the preparation of the planning submission, NPWS (DAHG) and Date consulted as part of the statutory EIS scoping process to inform the EIS. As planning application process, NPWS were also consulted. This correspondences enclosed.			
4.2	Describe briefly any consultations undertaken with other relevant authorities (e.g. Local Authority, port/harbour authority etc) or State Agencies. The applicant had two pre-application meetings were with Louth County Council, including members of the planning and transport teams.		

4.3	Describe any consultations undertaken to date with other foreshore users.			
	The applicant has had discussions with Warrenpoint Harbour Authority and Greenore Port. They have also consulted with local aquaculture producers and Aquaculture Initiative. In addition the applicant has engaged in a series of meetings with the public prior to the submission of the planning application. A summary of this engagement is enclosed.			
4.4	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.			
The only inconvenience envisaged relates to fishing with rods from the No swimming is permitted on adjacent beach. Aquaculture sites are not proximity to the works. No disturbance is envisaged for sailing, surfin activities as the works are within or adjacent to Greenore Port and activities do not currently occur in this location. However, beach access throughout construction for walkers from the southern limit of the works s				
	currently exists. Any disturbance to fishermen using rods from the shore will be mitigated by the short duration of the proposed works at 20 weeks overall as well as providing and maintaining alternative access to Greenore Point where the majority of fishermen currently congregate. Only a short section of shore will be interrupted during construction so that fishing from shore may be ongoing.			
	Also, please refer to the attached Environmental Impact Statement at Section 15.			
4.5	Have adjacent land owners, whose properties may be affected by these works been consulted? Please provide details/permissions as appropriate.			
	A letter of consent from Greenore Port was obtained. This is enclosed.			

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/EnvironmentalAss essment/

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?	\checkmark		
5.2	Is a Natura Impact Statement required for this proposal?	\checkmark		
5.3	Is the area within or adjacent to a NHA, pNHA, SAC, SPA, or National Park? Specify site names and code(s).			
	(1) Within – Carlingford Shore Special Area of Conservation [IE002306] Carlingford Lough proposed Natural Heritage Area [NH452]	\checkmark		
	<i>(2) Adjacent to –</i> Carlingford Lough SPA [IE0004078]	v		
	(3) In proximity to – Carlingford Lough Special Protection Area [UK9020161] Carlingford Lough Area of Special Scientific Interest [ASSI 103]			
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).			
	The consented Narrow Water Bridge Project [PL15.HA0037] was considered. No likely predicted effects reported for that development were considered to act in-combination with effects predicted for this proposed development to the detriment of any conservation objective of the European sites listed above.			

	Environmental Considerations	Yes	Νο	R
5.5	Will the proposal have any potential environmental impacts? If yes, please describe			\checkmark
	Please refer to the attached Environmental Impact Statement			

5.6	Are you proposing any measures to mitigate the potential environmental impacts? If yes, please describe Please refer to the attached Environmental Impact Statement		V
5.7	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 Fishermen currently gain access to their preferred locations for shore fishing at Greenore Point by traversing a rock armoured slope. This is potentially dangerous. An improved access as well as a path to stand when shore fishing will be constructed as part of these works.	~	
5.8	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) No waste other than foul water from the toilet and washbasin. This will be diverted to the local sewerage system or septic tank as per planning permission.	V	
5.9	Other Environmental Considerations? If yes, please specify. Please refer to the attached Environmental Impact Statement		\checkmark

	Built Heritage Considerations	Yes	No	R
5.10	Does the area contain an archaeological site or feature? If yes, please specify. NO		\checkmark	
5.11	Does the area contain or adjoin a listed archaeological site or monument? If yes, please specify.			
	The site is within the vicinity of (not adjoining) the following features: LHSOO9-O43 - Greenore Lighthouse LHSOO9-O44 - Greenore Lighthouse Keeper's House	\checkmark		

5.12	Will the proposal have any potential impacts on the archaeological integrity of the site? If yes please describe	~	
5.13	Are you proposing any measures to mitigate potential archaeological impacts? If yes, please describe?	\checkmark	

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?			\checkmark
	Refer to section 3 of the Environmental Impact Statement and the Carlingford Ferries Draft Operating Manual			
6.2	What marine activity is there in the area?			\checkmark
	Refer to section 3 of the Environmental Impact Statement and the Carlingford Ferries Draft Operating Manual			
6.3	How will the marine activity be affected by the proposed works?			\checkmark
	Refer to section 3 of the Environmental Impact Statement and the Carlingford Ferries Draft Operating Manual			
6.4	What mitigating measures will be put in place?			\checkmark
	Refer to section 3 of the Environmental Impact Statement and the Carlingford Ferries Draft Operating Manual			
6.5	How will the proposed works affect Marine Navigation in the future?			\checkmark
	Refer to section 3 of the Environmental Impact Statement and the Carlingford Ferries Draft Operating Manual			

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	Is the proposal located in proximity to any of the following: aquaculture operation designated Shellfish Growing Waters fish spawning ground other sensitive fisheries location Please Illustrate on appropriate chart including	V		
	distance in Km. Scale drawing IBM0358-SK01 indicates the Ferry route overlaid with nearby Aquaculture Sites.			
7.2	Are there other potential impacts of the proposal on fishing/aquaculture in the area? If yes, please describe.		V	
	No significant impacts. Refer to Section 7.3 of the Environmental Impact Statement.			
7.3	Are there any measures proposed to mitigate potential impacts on fisheries or aquaculture? If yes, please describe.	V		
	Refer to Section 7.3 of the Environmental Impact Statement.			

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 agree that on completion of the works, all environmental data that is not commercially-sensitive shall be provided within a reasonable timeframe to the Marine Institute; the format and timeframe to be agreed with the Marine Institute. I understand that the Marine Institute may make this information available to individuals and organisations in line with its data access policy.

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.

Signed for	and on behalf of the applicant:	
Name of a	ove Signatory (block letters):	
	eld: Director	
Date	22. 5-14	

Return completed applications to:

Foreshore Unit Marine Planning and Foreshore Department of the Environment, Community and Local Government Newtown Road Wexford

Enquiries to: Foreshore@environ.ie (Other contact details to be included in Guidance materials) Email a copy of application documents: Foreshore@environ.ie

Enclosures Checklist

One hard copy of every document is required unless otherwise stated. All documentation must be provided electronically (either by email or on CD) where possible in searchable PDF format.

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
5	Pre-application correspondence with stakeholders.	1
6	Other statutory permissions: (i) Planning permission Enclosed	1
	(ii) Effluent Discharge Licence N/A	-
	(iii) Other consent (Please specify)	-
7	Company documentation (1): Certified copy of the Company's Memorandum and Articles of Association	1
8	Forwarded under separate cover 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	Forwarded under separate cover Environmental Impact Statement (EIS). (i) Hard copy (ii) CDs	5 50
10	Natura Impact Statement (NIS)	5
11	Property-related owner permissions/wayleaves (i) Folio – (or other evidence of private ownership) Not applicable	-
	(ii) Wayleave/consent from other property owners <i>Consent from Greenore Port included</i>	1
	(iii) Other (Please specify) <i>N/A</i>	-
12	Draft Navigational Risk Assessment & Operating Manual	5
13	Drawing IBM0358-SK01 - Ferry Route overlaid with Aquaculture Sites	4