Marine Construction Works/Land Reclamation/Beach Replenishment in the Territorial Sea and Controlled Waters Adjacent to Northern Ireland

Marine Licensing

Important: before completing this form, please read these notes carefully.

The following numbered paragraphs correspond to the questions on the application form and are intended to assist applicants in completing the form. These explanatory notes are specific to this application and so applicants are advised to read these in conjunction with the General Marine Licensing Guidance document. However it may be that these notes do not fully cover all the questions that you may have. If further clarification is needed please telephone us on

028 90569247 or email

MarineLicensingTeam@daera-ni.gov.uk

For fees categories please see Marine Licensing Fees Addendum

For further Guidance please refer to Marine Licensing Guidance for Applicants

EXPLANATORY NOTES

1. Project Title

Enter the name of the project.

Indicate the location of the construction project using Latitude and Longitude co-ordinates in degrees and minutes to one decimal point of a minute provided. Any distances at sea should be in nautical miles, and on land should be in miles unless otherwise stated.

Attachments required.

You must provide appropriate drawing of the proposals including a red line diagram of the proposed construction location on an admiralty chart.

2. Applicant

The person, company or organisation making the application. (The licensee(s) may be any of the following, the contractor actually carrying out the construction work, the applicant and possibly other bodies involved).

3. Agent

Any person, company or organisation acting on behalf of the applicant. They may be acting under contract (or other agreement) on behalf of any party listed in the answer to question 2, and have responsibility for the control; management or physical deposit of materials anywhere below the tidal limit of the mean high water springs (MHWS). (e.g. A consultancy company submitting the application or a contractor who will be carrying out the works.)

4. Duration of project

Details of the proposed commencement and completion dates of the works.

A licence is normally valid for 1 calendar year or the duration of the works (whichever is longer) but not normally exceeding 3 years. After this period, it will be necessary for licence holders to re-apply for a further licence to continue any ongoing works. It is the licensee's responsibility to apply for any further licences or an extension prior to the expiry of the initial licence.

5. Description and Cost of the Proposed Project

(a) This estimate should cover only works taking place below the tidal level of Mean High Water Springs (MHWS) and should take into consideration the cost of materials, labour, fees etc.
(b) Where the project is expected to take longer than 1 calendar year, this description must detail which elements of work are to be undertaken in the first

12 months, with an outline of the schedule for each further 12 month period of work. (The method of work etc. should be described in the answer to question 7.)

(c) Select the options which most appropriately describe the type of work proposed. Where the project involves a number of elements, please tick each relevant box.

6. Location of Works

Include a list of the latitude and longitude co-ordinates of the boundary points of the proposed project. In a few cases, (e.g. laying of long pipelines) it may only be practicable to supply co-ordinates for the start and end points.
Latitude and Longitude: For positions read from charts of 1:25,000 scale or smaller, the format should be e.g. **55^0 55'.5N 2^0 22'.2W**. The decimal point specifies that decimals of minutes are used and the datum is stated explicitly.

It is important that the correct positions are included with this application, as any errors may result in the application being refused or delayed.

To supplement the information given in section 6, Department of Agriculture, Environment and Rural Affairs (DAERA) Marine and Fisheries Division requires the following to be provided with the completed application form:

- A suitably scaled extract from an Admiralty Chart which should be marked to indicate
    - The full extent of the works in relation to the surrounding area;
    - Latitude and longitude co-ordinates defining the area of operation;
    - The level of Mean High Water Springs (MHWS)
    - Any adjacent Special Area of Conservation (SAC), Area of Special Scientific Interest (ASSI), Special Protection Area (SPA)/RAMSAR or similar conservation area boundary.

DAERA Marine and Fisheries Division require electronic copies of all documents to be provided. Normally only **one** copy will be required, however if the documents are too large to send electronically then ancillary copies on CD or other electronic storage devices will be required for consultation purposes, DAERA Marine and Fisheries Division will advise the applicant accordingly.
If they are subject to copyright, **it is the responsibility of the applicant to obtain necessary approvals to reproduce the documents and to submit suitably annotated copies with the application.** Alternatively maps/drawings can be sent electronically by email.

- **Sewer outfalls, discharge pipes for storm overflow and industrial waste etc.** The size and description of the pipe should be shown on the longitudinal sections

and also details of any supports, foundations, methods of jointing and details of any tidal flaps.

- **Bridges over tidal waters:** an elevation with longitudinal and cross-sections of the bridge to a suitable scale should show the dimensions of the spans and width of piers, etc. above and below MHWS and the maximum and minimum heights of the undersides of the superstructures above MHWS. The headroom above MHWS and the width of span of the nearest bridges, if any, above and below the site should be stated.

- **Tunnels under tidal waters:** the longitudinal section of the tunnel should show the distances between the bed of the river or estuary and the top of the tunnel. Cross-sections should show the internal and external dimensions of the tunnel and particulars of construction. When a proposed future dredging level is known this must also be shown on all sections.

- **Overhead cables:** catenaries must be supplied in addition to the site plan showing the minimum clearance of the cable at MHWS and the electrical clearance allowed.

- **Marine Aquaculture:** proposals for fish farming and shellfish growing are subject to different procedures (refer to The Marine Licensing (Exempted Activities) Order (Northern Ireland) 2011).

The applicant should note that if the drawings/plans are subject to copyright, **it is the responsibility of the applicant to obtain the necessary approvals to reproduce the documents and to submit suitably annotated copies with the application.**

7. Method Statement

Please provide a full method statement, including details of any temporary structures that may be required below MHWS during the works, and the ultimate fate of the structure and material used in its construction. Details of these structures will be included in any licence that may be issued.

Proposed measures to ensure the marine environment is adequately safeguarded during the work should also be described (e.g. the method to be adopted to ensure that the loss of fine grained material is minimised during construction), as should those taken to minimise any interference with other uses of the sea or foreshore.

8. Permanent Deposits

(a) Tick the appropriate box (es) to indicate all materials to be deposited below MHWS. If you propose using types of materials for which a specific box is not provided, please describe the nature of such material in the box marked “other”.
(b) If any of the materials to be placed below MHWS are to be brought to the site by sea, give details of the material, e.g. clean rock, and average particle size. Also indicate the vessels to be used, a chart showing the proposed vessel route to the

site of the works and details of any trans-shipment areas i.e. where material may be off-loaded to smaller vessels or barges for transport inshore to the site of the works.

(c) Where the proposed works involve beach replenishment or land reclamation, additional information is required about the material to be deposited and method of delivery. The description of material must include details of its chemical quality. Where the material has not been chemically analysed, DAERA Marine and Fisheries Division may request representative samples for analysis or require the applicant to arrange for analyses to be undertaken before the licence can be determined.

9. Temporary Deposits

If temporary deposits are required, please provide details as with the permanent deposits above. The temporary deposit location details (Latitude/Longitude) should be added to section 6 of the form, and the period of time the site will be used must be provided. If issuing a licence, DAERA Marine and Fisheries Division will include on the document details of any area that has been approved as a temporary deposit site.

10. Dredging

Indicate whether you are proposing to dredge as part of the works. A separate Marine Licence may be required. The granting of the construction licence does not imply that the dredging licence will also be granted, as different assessment criteria are used to determine each type of application.

11. Disposal of material at sea

Indicate whether you are proposing to dispose of any excess material arising from the construction work at sea. A separate Marine Licence may be required. The granting of the construction licence does not imply that the sea licence will also be granted, as different assessment criteria are used to determine each type of application.

12. Planning

If the application is subject to planning permission, please give relevant details, including planning reference number, if planning has been approved/rejected and attached a copy of the environmental statement if appropriate.

13. Statutory Consenting Powers

Please describe what (if any) statutory responsibilities you (or your client) have to consent any aspect of the project.

14. Consultation

(a) Have the public been invited to comment on these proposals? if so to whom and what was the closing date

(b) Have any consultation meetings been held with the public/other bodies? If so where and when?

15. Consultation with Conservation Bodies

Consenting authorities have a duty to ensure that any works will not have a significant adverse environmental impact, particularly upon designated conservation areas (e.g. ASSIs/SAC, SPA/RAMSAR sites etc) listed under The Conservation (Natural Habitats, etc.) (Amendment) Regulations (Northern Ireland) 2007. If the applicant (particularly if they have statutory powers for consenting aspects of these works) has already been in consultation with the appropriate nature conservation body – NIEA, Natural Environment Division, please supply any response that they may have given.

Any application for beach replenishment works should be cross checked as to whether the proposed site is a designated bathing water site and if so, ideally all physical works should be done out with the Bathing Water Season (1st June to 15th September). Further guidance on the Bathing waters Directive (76/160/EEC) can be obtained from http://www.ni-environment.gov.uk/water-home/quality/bathingqualityni.htm

In addition, guidance can be obtained from www.foodstandards.gov.uk/ with regards to the Shellfish Waters Directive (2006/113/EC) which has parameters set to protect the water quality in which edible shellfish are grown.

16. Designated Conservation Areas

Indicate whether the proposed works are located within or close to the boundaries of a conservation area such as an ASSI, MCZ, SAC, SPA or Ramsar Site.

17. Environmental Assessment

Please indicate whether any environmental assessments have been carried out in respect of the proposed works, either under your own powers or as required by another authority. If such an assessment has been undertaken, please indicate if a copy has been provided with your application. If the statement/assessment has been completed but is not available, please provide an explanation in the space provided.

Additionally please also give details if and where a copy has been/ is being made available for public inspection.

Please ensure that you have:

- Completed **all** appropriate sections of the application form
- Signed and dated the declaration
- Provided the relevant documentation, charts and continuation sheets and
- Enclosed the correct payment (refer to fees addendum) or paid by means of BACS (if appropriate)

Otherwise your application will be delayed or returned to you

Marine and Coastal Access Act 2009 (Part 4 Marine Licensing)

Application for Marine Construction Works/Land Reclamation/Beach Replenishment in the Territorial Sea and UK Controlled Waters Adjacent to Northern Ireland

(Construction schemes including coast defences, beneficial uses of dredged materials, jetties, land reclamation, outfall pipes etc.)

It is the responsibility of the applicant to obtain any other consents or authorisations that may be required

Under Part 4 (Chapter 5) of the Marine and Coastal Access Act 2009, information contained within or provided in support of this application will be placed on the public register unless DAERA Marine and Fisheries Division (as the licensing authority) approves the applicant's reasons for withholding all or part thereof.

Public Register

Is there any information contained within or provided in support of this application that you consider should not be included on the Public Register on the grounds that its disclosure:

a) would be contrary to the interests of national security YES [ ] NO [✓]

b) would prejudice to an unreasonable degree your or some other person's commercial interests or those of a third party? YES [ ] NO [✓]

If **YES,** to either (a) or (b), please provide full justification as to why all or part of the information you have provided should be withheld.

1. Project Title

Sketrick Island Slipway and Low-level Walkway Reconstruction Please refer to Map 1 and Diagram 1 ('the visuals') for the location of the reference points. The project is located on the shore of Sketrick Island, at Whiterock Bay on the western side of Strangford Lough; A. 54° 29'.08"N 5° 38'.32"W, to B. 54° 29'.07"N 5° 38'.31"W. The project is the like-for-like replacement of the existing private slipway and integrated low-level walkway. The replacement slipway and walkway will both be cast on site. The footprint and gradient of the slipway and walkway will not be altered. The walkway height will be unchanged at c.610mm. The slipway will remain in private use and the walkway will continue to be shared with the adjoining private slipway. As such, the replacement structures will not result in any increase in boating or other activity in the site.

2. Applicant Details

Title	[redacted]	Initials	[redacted]	Surname	[redacted]

Address:	[redacted] Sketrick Island Killinchy Co Down BT23 [redacted]
Name of contact: (if different from above)	
Telephone number: (inc. code)	[redacted]
Email address:	[redacted]

3. Agent Details (if appropriate)

Title	[redacted]	Initials	[redacted]	Surname	[redacted]

Trading Title (If different from above)	N/A
Business Address:	[redacted] Sketrick Island, Killinchy, Co Down. BT23
Name of contact: (if different from above)	
Position within company (if appropriate)	
Telephone number: (inc. code)	[redacted]
Email address:	[redacted]

Company Registration No. | N/A

4. Duration of Project

Expected Start Date | 1 Aug 21 | Expected Completion Date | 31 July 22

5. Description and Cost of the Proposed Project

(a) Estimated gross cost of the works proposed seawards of the tidal limit of the High Water Mean Spring Tide Mark

Estimated gross cost of the works below MHWS is approximately £11,900. This includes removal of the existing slipway and walkway and the construction of a new 250mm deep reinforced concrete slipway slab and integrated solid reinforced concrete walkway circa 610mm by 610mm. This cost is exclusive of VAT.

(b) Give a detailed description of the proposed schedule of work

The proposed work is the like-for-like replacement of the existing private slipway and integrated low-level walkway.

The slipway and walkway are both in a dangerous state of repair with several large holes in the slipway and gaps in the walkway, limiting their use and representing a health and safety risk to users. As the slipway and walkway are in such poor condition, failure to take action will result in further erosion and degradation.

The footprint and gradient of the existing slipway and walkway will not be altered. The walkway height will be unchanged at c.610mm. The slipway will remain in private use and the walkway will continue to be shared with the adjoining private slipway, therefore the replacement structure will not create any additional capacity or activity in Strangford Lough. Some construction materials are already on site.

The slipway and shared walkway have been in place for over 50 years.

Phase 1 – Preparation and construction of Slipway

- Removal of the existing slipway and walkway
- Infill and compaction of topping material, as required, to provide a base for the new slipway
- Shutter the new slipway area using timber boards
- Cast 1 x 250mm thick reinforced concrete slab (43m x 4m), possibly incorporating several galvanized rings to allow for temporary mooring of small boats/tenders
- Insert steel reinforcement 'starter' bars into the wet concrete of the new slipway on the side adjacent to the existing neighbouring slipway (side 'C' on the visuals) to reinforce the connection between the new slipway and new walkway
- Shuttering to be removed following setting of the slab.

Phase 2 –Walkway

- Following setting of the slipway slab, additional steel reinforcement bars will be attached with wire to the 'starter' bars to maintain the form and integrity of the new walkway
- The new walkway will be shuttered using timber boards
- Cast 1 x approximately 610mm x 610mm x 34m reinforced concrete walkway, on top of the new slipway slab
- Up to 12 galvanized rings will be incorporated at intervals along the walkway to allow for temporary mooring of small boats/tenders
- Shuttering to be removed following setting of the slab.

Post Construction

- Removal of any unused material.

If necessary please continue on a separate sheet and tick this box ☐

Types of Work Proposed

Coastal/Flood defences:	beach replenishment	
	shoreline reinforcement	
	flood defence	
	sea defence	
Slipways:	slipway	✓
	causeway	
	launching ramp	
Miscellaneous:	habitat creation/replacement	
	aquaculture (unless exempted)	
	sea wall	
	berms/wave screens	
	artificial reef	
	sea-lock	
Harbour works:	dock wall/quay/wharf	
Navigation works:	lock gates	
	moorings (unless exempted)	
	buoy/navigation mark (unless exempted**)**	
	training wall/breakwater	
Land reclamation:	bunded/piled area	
	dock infill	
Intakes/outfall pipes:	intake/outfall	
Cables:	cable/subsea cable	
Pipeline maintenance:	pipe/pipeline maintenance	
Piers etc.:	bridge supports/bridge foundation	
	pier	
	jetty	
Bank stabilisation:		
Scour protection:	gabion	
	mattressing	
Barrages & island etc.	tidal barrier	
	barrage	

	sculpture, statues, fountains etc.
	ground investigation works
	impoundment
Sediment manipulation	groynes

6. Location of Works

This should include Latitude and Longitude co-ordinates, to 1 decimal minute, defining the extent of the project.

The project is located on the shore of Sketrick Island, at Whiterock Bay on the western side of Strangford Lough;

A. 54° 29'.08"N 5° 38'.32"W, to
B. 54° 29'.07"N 5° 38'.31"W.

Please refer to the visuals for the location of the reference points.

If necessary, please continue on a separate sheet and tick this box ☐

7. Method Statement

Overview

There are 2 adjacent slipways at 9 and 10 Sketrick Island, separated by a c. 610mm x 610mm shared walkway. The neighbouring slipway (of number 9), at side 'C' on the visuals, is available for use by the contractor. By using the slipway at number 9 and the existing slipway footprint at number 10, vehicles will be confined to the man-made structures within the project perimeter, without encroaching on the 'natural' intertidal/littoral area.

Work will be timed to coincide with spring tides to allow for longer exposures of a larger intertidal area.

Slipway Construction – Phase 1:

The existing slipway and walkway will be removed using a mini excavator and hydraulic breaker, followed by the infill and compaction of any topping material required to provide a firm base for the new slipway.

At a suitable low tide, timber boards will be used to shutter the slipway slab.

Reinforced concrete will be poured first at the low-water end of the slipway (B), with subsequent pours filling in to high water (A). For the concrete pours to the low water area, a telehandler will be used to transport the concrete from the concrete lorry stationed on the causeway. The telehandler will drive down the slipway footprint. A mini excavator will be positioned on the adjacent slipway (C) to assist with distributing the concrete within the shuttered area. This process will continue until the slab has reached sufficient length to allow concrete to be poured into the shuttered area from the top of the slipway above MHWS.

To prevent contamination, containers will be provided to collect the washout liquid from concrete lorry washing down.

Steel reinforcement 'starter' bars will be inserted into the wet concrete at c 350mm intervals at side 'C' to provide reinforcement of the connection between the slipway slab and concrete walkway (to be laid in Phase 2).

The slipway slab will be laid in 1 day and left to set. Shuttering will be removed following setting of the slab.

Walkway Construction – Phase 2:

The walkway will be laid on top of the slipway slab. A minimum interval of 2 weeks will be allowed to provide time for the slipway to cure sufficiently. Ideally the walkway will be laid in the month following completion of the slipway.

Additional steel reinforcement bars will be attached with wire to the 'starter' bars to maintain the form and integrity of the new walkway.

The new walkway area will be shuttered using timber boards. The mini digger may be used on the neighbouring slipway to assist with placing the boards.

Cast 1 x approximately 610mm x 610mm x 34m reinforced concrete walkway, on top of the new slipway slab. Reinforced concrete will be poured first at the low-water end of the walkway (B), with subsequent pours filling in towards the shore.

The concrete lorries will use the new slipway laid in Phase 1 to deliver concrete to the shuttered area. To prevent contamination, containers will be provided to collect the washout liquid from concrete lorry washing down.

Up to 12 galvanized rings will be incorporated in the walkway to allow ropes for temporary mooring of small boats/tenders.

The walkway slab will be laid in 1 day and left to set. Shuttering to be removed following the setting of the walkway.

Post construction

The contractor will remove any unused material to complete the job.

If necessary, please continue on a separate sheet and tick this box ☐

8. Permanent Deposits

(a) quantity of permanent materials to be deposited below HMWS tidemark:

Timber (m^2 or tonnes)	.....
Iron/Steel (tonnes)	**157Kg /0.157 tonnes** **(Reinforcing bars & mooring rings)**
Plastic/Synthetic (m^2)	.....
Silt (m^3)	.....
Sand (m^3)	.....
Concrete (m^3)	**56 m^3**
Concrete bags/mattresses (Confirm number, dimensions & total volume m^3)	.....
Stone/Rock/Gravel (size range and volume m^3)	.....

If 'other' please describe below

If necessary, please continue on a separate sheet and tick this box ☐

(b) for work involving salt marsh feeding, beach replenishment or land reclamation please provide the following information relating to the material to be deposited:

Quantity (tonnes)	.....
Nature of Material (e.g. sand, silt, gravel etc.)	.....
Source: (if sea dredged please state location of origin)	.....
Particle Size	.....

Has the material been chemically analysed? Yes ☐ No ☐

If Yes, please include the analysis data with your application.

9. Temporary Deposits

Will there be a need to make any temporary deposits of material below HMWS tidemark during the works

Yes [✓] No [ ]

(a) quantity of temporary materials to be deposited below HMWS tidemark:

Timber (m^2 or tonnes)	**27m² (Boards for shuttering) ……**
Iron/Steel (tonnes)	……
Plastic/Synthetic (m^2)	……
Silt (m^3)	……
Sand (m^3)	……
Concrete (m^3)	……
Concrete bags/mattresses (Confirm number, dimensions & total volume m^3)	……
Stone/Rock/Gravel (size range and volume m^3)	……

If 'other' please describe below

If necessary, please continue on a separate sheet and tick this box [ ]

10. Dredging

Do you intend to apply for a licence to dredge as part of the works?

Yes [ ] No [✓]

If Yes, please indicate the location …….
of the dredging and nature of material ……..

11. Disposal of Material at Sea

Do you intend to apply for a licence to dispose at sea material dredged as part of the works?

Yes ☐ No ☑

If Yes, please indicate:
Nature and quantity of material .....
(sand, gravel, silt, clay, rock etc.) .....

12. Planning

Is this project subject to a planning application?

Yes ☑ No ☐

If Yes, attach a copy of environmental statement (if appropriate) and indicate what stage the application for planning permission is at (i.e. approved, awaiting notification, rejected)

Awaiting advice regarding appropriate level of planning consent required.
.....

13. Statutory Consenting Powers

Do you, or (if appropriate) your client, have statutory powers to consent any aspect of this project?

Yes ☐ No ☑

If Yes, please give details

14. Consultation

(a) Have the public been invited to submit comments? **YES** ☑ **NO** ☐
If **YES**, how and where?

Public Notice approved by DAERA NI will be placed in the following local newspapers; Newtownards Chronicle and Bangor Spectator.
Confirmation of the above to be submitted when published.

(b) Have any consultation meetings been held? (with the public or other bodies) **YES** ☐ **NO** ☑

If necessary please continue on a separate sheet and tick this box ☐

15. Consultation with Conservation Bodies

Please provide details of any consultation that has taken place with NIEA Natural Environment Division and, if appropriate, include copies of any correspondence with your application.

No consultations have been undertaken outside of this application.

If necessary please continue on a separate sheet and tick this box ☐

16. Designated Conservation Areas

Are any parts of the proposed work located within the boundaries of a designated conservation area? **YES** ☑ **NO** ☐

If **No**, please indicate approximate distance of the disposal operation from the nearest designated conservation area. _____ kms

17. Environmental Assessment

Has an environmental assessment been undertaken to support any application in respect of the works, your own statutory powers (if applicable) or any other reason? **YES** [ ] **NO** [✓]

If **YES**, is a copy of the assessment included with this application? **YES** [ ] **NO** [ ]

If the assessment has been undertaken but has not been included with the application, please provide an explanation below.

Is the environmental assessment available for public inspection? **YES** [ ] **NO** [ ]

If YES at what locations:

Declaration

I declare that the information given in this form and related papers is to the best of my knowledge and belief true.

WARNING
It is an offence under the Act under which this application is made to fail to disclose information or to provide false or misleading information.

Signature of applicant: (or agent acting on behalf of applicant)	
Date:	11 June 21
Name (Block Letters):	[redacted]
Position within company: (if applicable)	N/A

PLEASE CHECK CAREFULLY THE INFORMATION YOU HAVE GIVEN AND THAT ALL ENCLOSURES (INCLUDING COPIES) HAVE BEEN INCLUDED

Application Checklist

- **Completed application form**
- **Project drawings**
- **Method statement**
- **Maps/charts**
- **Additional environmental information e.g. photographs, environmental impact assessment etc.**
- **Payment**