

Marine Licence Application for Construction Projects

Version 1.0

Marine (Scotland) Act 2010

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

Under Section 54 of the Marine (Scotland) Act 2010, all information contained within and provided in support of this application will be placed on a Public Register. There are no national security grounds for application information not going on the Register under the 2010 Act.

Public Register

Do you consider that any of the information contained within or provided in support of this application should not be disclosed:

- (a) for reasons of national security; YES NO
- (b) for reasons of confidentiality of commercial or industrial information where such confidentiality is provided by law to protect a legitimate commercial interest? 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.

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.

Target duration for determination is 14 weeks. Please note that missing or erroneous information in your application and complications resulting from consultation may result in the application being refused or delayed.

Marine licence applications will not be accepted unless accompanied by a cheque for the correct application fee, or if an invoice is requested, until that invoice is settled. Target timelines for determining applications do not begin until the application fee is paid.

Declaration

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

Signature

[Redacted Signature] .uk
t

Date

16/02/22

Name in BLOCK LETTERS

TREVOR GRAHAM

Application Check List

Please check that you provide all relevant information in support of your application, including but not limited to the following:

- Completed and signed application form
- Project Drawings
- Maps/Charts
- Co-ordinates of the boundary points of the area of harbour jurisdiction (if you are a statutory harbour authority)
- Method Statement
- Photographs of the location of the project
- Additional information e.g. consultation correspondence (if applicable)
- Noise Registry – Initial Registration Form (if applicable)
- Pre-application Report (if applicable)
- Environmental Statement (if applicable)
- Payment (if paying by cheque)

1. Applicant Details

Title: Mr Initials: Duncan Surname: Smith

Trading Title (if appropriate): Highlands & Islands Airports Ltd

Address: Stornoway Airport
Isle of Lewis
HA2 0BN

Name of contact (if different):

Telephone No. (inc. dialing code): 01851 707 404

Email: dsmith@hial.co.uk

Statutory Harbour Authority? YES NO

If **YES**, please provide a list of the latitude and longitude co-ordinates (WGS84) of the boundary points of the area of harbour jurisdiction using Appendix 01 Additional Co-ordinates form if necessary.

2. Agent Details (if any)

Title: Mr Initials: TJ Surname: Graham

Trading Title (if appropriate): Pick Everard

Address: The Beacon, 176 St Vincent St
Glasgow
G2 5SG

Name of contact (if different):

Telephone No. (inc. dialing code): [REDACTED]

Email: trevorjgraham@pickeverard.co.uk

3. Payment

Enclosed Cheque Invoice

Contact and address to send invoice to:

Applicant Agent Other

If **OTHER**, please provide contact details:

Title: Initials: Surname:

Address: Note, at time of this updated submission, fee has already been paid

Email:

4. Application Type

Is this application for a new construction site or an existing construction site:

New Site Existing Site

If an **EXISTING SITE**, please provide the consent/licence number and expiry date:

Consent/Licence Number	Expiry Date
N/A	

5. Project Details

(a) Brief description of the project (e.g. construction of a new sea outfall):

Construction of coastal protection
This will be in the form of reno mattress, length 1180m.
The existing rock armour defence at the runway end will also be repaired, length 400m.
On the estuary side, some further reno mattress length 100m.

(b) Total area of the proposed works (in square metres):

29,850 m²

(c) Proposed start date (**Target duration for determination of a marine licence application is 14 weeks**):

28 March 2022

(d) Proposed completion date:

December 2022

(e) Cost of the works seawards of the tidal limit of MHWS:

£ 1,181,700

(f) Location:

The works are to take place in Broad Bay, Isle of Lewis, along side Stornoway Airport.
- Attached a location plan incl co-ords. DrgC-0002 Tidal Zones Layout
- Attached a document with exg site photos Ref R-005 Existing Site Photos

Latitude and Longitude co-ordinates (WGS84) defining the extent of the project (continue on Appendix 01 Additional Co-ordinates form if necessary):

Latitude									Longitude													
5	8	°	1	3	.	5	1	4	'	N		-	6	°	2	0	.	0	6	5	'	W
5	8	°	1	3	.	5	5	6	'	N		-	6	°	2	0	.	1	1	3	'	W
5	8	°	1	3	.	5	3	3	'	N		-	6	°	1	9	.	8	7	6	'	W
5	8	°	1	3	.	2	3	6	'	N		-	6	°	1	9	.	5	1	3	'	W
5	8	°	1	2	.	9	6	7	'	N		-	6	°	1	9	.	0	3	0	'	W
		°			.				'	N				°			.				'	W
		°			.				'	N				°			.				'	W
		°			.				'	N				°			.				'	W
		°			.				'	N				°			.				'	W
		°			.				'	N				°			.				'	W

(g) Is the project located within the jurisdiction of a statutory harbour authority?

YES NO

If YES, please specify statutory harbour authority:

N/A

(h) Method statement including schedule of work (continue on separate sheet if necessary):

See Page appended at rear of this application for full description of works and list of supporting information

(i) Potential impacts the works may have (including details of areas of concern e.g designated conservation and shellfish harvesting areas) and proposed mitigation in response to potential impacts (continue on separate sheet if necessary):

There is no impact envisaged on the marine environment.
 The existing sand dunes and machair will be temporarily disturbed, but will be reinstated with Marram Grass saved and set aside at the outset, to restore natural habitat for ground nesting birds.
 The beach will also be disturbed during construction, but will be left at existing natural levels
 To the west, the works extend into an area of salt marsh which is a designated SSSI. Works here are minimal and discussions are ongoing with Nature Scotland (previously SNH)
 The whole works are subject to Planning Approval - which has been granted, subject to conditions. All conditions imposed will be complied with.

6. Deposits and/or Removals

(a) **Permanent** substance(s) or object(s) to be deposited and/or removed from below MHWS (continue on a separate sheet if necessary):

Type of Deposit/Removal	Deposits		Removals	
	Description	Quantity & Dimensions (metric)	Description	Quantity & Dimensions (metric)
Steel/Iron	Plastic coated galv steel wire mesh baskets in 3 layers	3 No.	None	No.
		Dimensions 5100m ²		Dimensions
		6T Weight (kg/tonnes)		Weight (kg/tonnes)
Timber		No.		No.
		Dimensions		Dimensions
		Weight (kg/tonnes)		Weight (kg/tonnes)
Concrete		No.		No.
		Dimensions		Dimensions
		Weight (kg/tonnes)		Weight (kg/tonnes)
Plastic/Synthetic		m ²		m ²
Clay (< 0.004 mm)		Volume (m ³)		Volume (m ³)
		Weight (kg/tonnes)		Weight (kg/tonnes)
Silt (0.004 ≤ Silt < 0.063 mm)		Volume (m ³)		Volume (m ³)
		Weight (kg/tonnes)		Weight (kg/tonnes)
Sand (0.063 ≤ Sand < 2.0 mm)		Volume (m ³)	Beach Deposits are simply displaced	4700 Volume (m ³)
		Weight (kg/tonnes)		8700T Weight (kg/tonnes)
Gravel (2.00 ≤ Gravel < 64.0 mm)		Volume (m ³)	not removed	Volume (m ³)
		Weight (kg/tonnes)		Weight (kg/tonnes)
Cobbles (64.0 ≤ Cobbles < 256.0 mm)	75 - 200mm Mattress Stone	2600 Volume (m ³)		Volume (m ³)
		4800T Weight (kg/tonnes)		Weight (kg/tonnes)
Boulders (≥ 256.0 mm)	Rock Armour 350mm - 900mm dia	2100 Volume (m ³)		Volume (m ³)
		3900T Weight (kg/tonnes)		Weight (kg/tonnes)

Pipe		Length (m)		Length (m)
		External Diameter (cm/m)		External Diameter (cm/m)
Other (please describe below):				

(b) Method of delivery of substance(s) or object(s):

Materials will be delivered over land via the airport grounds. Bulk storage will be on the airport grounds. Materials will be transferred overland onto the beach as required to be put in permanent position

(c) For work involving salt marsh feeding, beach replenishment or land reclamation please provide the following information relating to the substance(s) or object(s) to be deposited:

Quantity (tonnes):

Not Applicable tonnes

Nature of substance(s) or object(s) (e.g. sand, silt, gravel etc.):

Source (if sea dredged state location of origin)

Particle size:

Have the substance(s) or object(s) been chemically analysed?
If YES, please include the analysis data with your application

YES NO

(d) Temporary substance(s) or object(s) to be deposited below MHWS (continue on a separate sheet if necessary):

Type of Deposit	Description	Quantity & Dimensions (metric)
Steel/Iron		No.
		Dimensions
		Weight (kg/tonnes)
Timber		No.
		Dimensions
		Weight (kg/tonnes)

Concrete		No.
		Dimensions
		Weight (kg/tonnes)
Plastic/Synthetic		m ²
Clay (< 0.004 mm)		Volume (m ³)
		Weight (kg/tonnes)
Silt (0.004 ≤ Silt < 0.063 mm)		Volume (m ³)
		Weight (kg/tonnes)
Sand (0.063 ≤ Sand < 2.0 mm)		Volume (m ³)
		Weight (kg/tonnes)
Gravel (2.00 ≤ Gravel < 64.0 mm)		Volume (m ³)
		Weight (kg/tonnes)
Cobbles (64.0 ≤ Cobbles < 256.0 mm)		Volume (m ³)
		Weight (kg/tonnes)
Boulders (≥ 256.0 mm)		Volume (m ³)
		Weight (kg/tonnes)
Pipe		Length (m)
		External Diameter (cm/m)
Other (please describe below):		
	None anticipated	

7. Disposal of Dredged Substance(s) or Object(s) at Sea

(a) Do you intend to apply for a marine licence for sea disposal of dredged substance(s) or object(s) as part of the project?

YES NO

If **YES**, please specify nature of substance(s) or object(s) (e.g sand, gravel, silt, clay, rock etc.):

(b) Quantity of substance(s) or object(s) (wet tonnes):

wet tonnes

A separate marine licence application will be required to be submitted for sea disposal.

8. Noise Monitoring

Will loud, low to mid frequency (10Hz to 10kHz) impulsive noise be produced by the project? YES NO

If YES, which please indicate the noise generating activities and sound frequencies:

Noise Generating Activity	Sound Frequency (Hertz)
Use of Explosives	
Use of Accoustic Deterrent Devices	
Piling	
Other (please describe below):	

If you have ticked YES, please complete the Noise Registry – Initial Registration form located at: <http://www.scotland.gov.uk/Topics/marine/science/MSInteractive/Themes/noise-reduction>

Marine licence applications will not be accepted until this form has been completed and submitted.

9. Statutory Consenting Powers

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

No

10. Scotland’s National Marine Plan

Have you considered the application with reference to Scotland’s National Marine Plan? YES NO

If YES, provide details of considerations made with reference to the policies, including but not limited to General Policies 7 and 13 (GEN 7 and GEN 13), that have been considered:

<p>Proposals hve been developed in a sustainable manner. Reno Mattress, which has less environmental impact has been used for 75% of the construction. Reno Mattress in use has less visual impact and tends to develop a sand coating which in turn promotes plant growth.</p> <p>Materials and labour will be sourced mainly on the island</p> <p>The coastal defence works will maintain the operation of the airport, which is a vital transport link to the Outer Hebrides. Otherwise the airport would be at risk of closure. Access is maintained to the beach for both operational and recreational use.</p> <p>The impact on the existing landscape/seascape is mimised. Rock armour is placed where it already exists. Mattress is placed at the beach/dune interface</p> <p>Construction activity is all land (beach) based and is limited to excavators and transportation lorries. There is no piling or other hammering</p>

If NO, please provide an explanation of why you haven’t considered the National Marine Plan?

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11. Pre-Application Consultation

Is the application subject to pre-application consultation, under The Marine Licensing (Pre-application Consultation) (Scotland) Regulations 2013?

YES NO

If **YES**, please indicate the date of the public notice for the pre-application consultation event and the type of consultation event held (a copy of the public notice must be supplied with this application):

Event Type	Date
PAC Event - Public Meeting via Teams (open invitation)	3 June 2021 (Newspaper)
PAC Event - Stat Bodies Meeting via Teams	10 Sept 2021 (Email Invite)

12. Consultation

List all bodies you have consulted and provide copies of correspondence:

The above approach was agreed/ accepted by Marine Scotland

Please see our PAC Report attached for all details of consultation, including all correspondence. Those consulted;

- Public
- Maritime and Coastguard Agency
- Northern Lighthouses
- Scottish Environment Protection Agency
- NatureScot
- Fideach Fishing Club
- Stornoway Trust

13. Environmental Assessment

(a) Does the project fall under Annex I or II of the EIA Directive?

Annex I

Annex II

Neither

If **ANNEX I** or **ANNEX II**, please provide the screening opinion issued to you in relation to the project.

(b) Has an EIA been undertaken:

for the marine licence application to which this application relates
for any other EIA regulator (e.g local authority)

YES NO
YES NO

14. Associated Works

Provide details of other related marine projects, including reference/licence numbers (if applicable):

None

APPENDIX to Marine Licence Application

Response 5 (h) - Method Statement including Schedule of Work

The works are the construction of a reno mattress mostly, and in some parts rock armour coastal defence at the interface of land and beach.

Reno Mattress - The existing dune face and beach will be re-profiled and a 0.5m thick mattress (flexible steel mesh filled with 75-200mm stone) laid to a slope of 1 in 3.5. The toes of the mattress will be buried approx. 1.0 – 1.5m below existing beach level. The top of the mattress will be approx. 2-3m above existing beach level, finishing at an average height corresponding to the top of the existing dunes. At the top of the slope will be a 1m square section stone filled revetment.

Rock Armour - There is an existing rock armour 'headland' created on the 1980's to extend the airport runway out onto the beach. The toe of this rock armour is failing as it has become exposed. The proposed works are to install a new rock armour toe below beach level with new rock armour rising up over the existing to about half height.

All work will take place on land and on the beach when the tide has receded.

All materials will be brought in from land side. No marine craft will be involved.

The structure forms a permanent sea defence to the Airport.

The beach will be left in its natural state, The area of disturbed dunes and machair behind the defence will be reinstated with marram grass.

An existing access track from the airport onto the beach is retained.

The works are on an environmentally sensitive site and the following mitigations are proposed (as noted in the environmental screening);

- Work is excluded adjacent to the salt marshes during the nesting/breeding season (March-Aug)
- Work in remaining areas is broken down into phases so that at least 50% of the ground is available for nesting at all times
- The requirement for a Construction Phase Environmental Management Plan (CEMP), to be approved by the Local Authority, has been written into the construction contract
- Monitoring of habitat and animal use (such as Otters) is included in the CEMP, with protective measures implemented as required.
- Independent monitoring by an Archaeologist during excavation work has been put in place by Highlands and Islands Airports

Attached;

Drawings;

- C-0001 - Location Plan Works Areas
- C-0002 - Tidal Zones Layout (incl co-ords)
- C-0201 - Typical Mattress Cross Section
- C-0211 - Typical Rock Armour Cross Section

Also

- R-005 - Existing Site Photos
- R-002 - Typical Mattress Construction and Finish Photos

Pre Application Consultation

- PAC Notice Public (Newspaper Notice)
- PAC Notice Stat Bodies (Email issued to the various Bodies)
- PAC Report (setting out all correspondence and conclusions)

Environmental Screening

- Screening Opinion Submission (Environmental Statement)
- Screening Opinion Response (confirming an EIA would not be required)