

# Marine Licence Application for Construction Projects

Version 1.0

## Marine (Scotland) Act 2010

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

Date

15/5/19

Name in BLOCK LETTERS

ARTHUR COWLEY

### 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: A                      Surname: Cowley

Trading Title (if appropriate): North Ayrshire Council

Address: Structures, Flooding and Design Section, Commercial Services (Roads),  
Cunninghame House, Irvine. KA12 8EE

Name of contact (if different):

Telephone No. (inc. dialing code): 01294 310 000

Email: arthurcowley@north-ayrshire.gov.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:                              Initials:                              Surname:

Trading Title (if appropriate):

Address:

Name of contact (if different):

Telephone No. (inc. dialing code):

Email:

### 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:

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

#### 5. Project Details

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

The scope of works is the protection of the road asset at this location which circumnavigates the island of Arran. This will be done by the removal of storm damaged gabion basket coastal protection and replacement with an armour rock revetment, being an extension of an adjacent armour rock revetment.

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

446 m<sup>2</sup>

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

Aug 2019

( ) Proposed completion date:

Nov 2019

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

£70,000

(f) Location:

C147 South of Pirrmill, Isle of Arran.

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

(h) Method statement including schedule of work (continue on separate sheet if necessary):  
 The outline method statement for the works are the removal of gabion stone, set aside for reuse with baskets taken to tip. A toe for the revetment will be dug to earthworks outline and outline made up in places. A sand bed will be placed to protect the geotextile membrane laid and a granular layer placed on slope to protect the geotextile membrane from puncturing during placement of armourstone. Excavated beach material will be used as backfill to revetment and filling of armour voids up to existing beach level at seaward side of geotextile.  
 The Post Tender Method Statement for construction will be forwarded to Marine Scotland once procured.

(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):  
 No concerns.  
 Removal of the damaged rusting baskets to tip and replacement with natural stone will benefit beach.

## 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		No.		No.
		Dimensions		Dimensions
		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	<b>Geotextile</b>	<b>450</b> m <sup>2</sup>		m <sup>2</sup>
Clay (< 0.004 mm)		Volume (m <sup>3</sup> )		Volume (m <sup>3</sup> )
		Weight (kg/tonnes)		Weight (kg/tonnes)
Silt (0.004 ≤ Silt < 0.063 mm)		Volume (m <sup>3</sup> )		Volume (m <sup>3</sup> )
		Weight (kg/tonnes)		Weight (kg/tonnes)
Sand (0.063 ≤ Sand < 2.0 mm)	Bed for geotextile.	<b>45</b> Volume (m <sup>3</sup> )		<b>260</b> Volume (m <sup>3</sup> )
		90 tonne Weight (kg/tonnes)		520 tonne Weight (kg/tonnes)
Gravel (2.00 ≤ Gravel < 64.0 mm)	Geotextile protection from armourstone on retained material.	<b>95</b> Volume (m <sup>3</sup> )		<b>260</b> Volume (m <sup>3</sup> )
		161 tonne Weight (kg/tonnes)		520 tonne Weight (kg/tonnes)
Cobbles (64.0 ≤ Cobbles < 256.0 mm)		Volume (m <sup>3</sup> )		Volume (m <sup>3</sup> )
		Weight (kg/tonnes)		Weight (kg/tonnes)
Boulders (≥ 256.0 mm)	Armourstone	<b>730</b> Volume (m <sup>3</sup> )		Volume (m <sup>3</sup> )
		1241 tonne 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):

Armourstone delivery method will be arranged during tender process, but the probability is that it will be delivered by road, either from an existing island quarry or from Brodick barge slipway / dock. There is an outside option to have this brought in by lorry via Calmac Ferry. Delivery by barge to site is not ruled out at this stage, but is unlikely.

(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):

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

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Source (if sea dredged state location of origin)

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Particle size:

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**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 <sup>2</sup>
Clay ( < 0.004 mm)		Volume (m <sup>3</sup> )
		Weight (kg/tonnes)
Silt (0.004 ≤ Silt < 0.063 mm)		Volume (m <sup>3</sup> )
		Weight (kg/tonnes)
Sand (0.063 ≤ Sand < 2.0 mm)		Volume (m <sup>3</sup> )
		Weight (kg/tonnes)
Gravel (2.00 ≤ Gravel < 64.0 mm)		Volume (m <sup>3</sup> )
		Weight (kg/tonnes)
Cobbles (64.0 ≤ Cobbles < 256.0 mm)		Volume (m <sup>3</sup> )
		Weight (kg/tonnes)
Boulders (≥ 256.0 mm)		Volume (m <sup>3</sup> )
		Weight (kg/tonnes)
Pipe		Length (m)
		External Diameter (cm/m)
Other (please describe below):		

## 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?

Yes. North Ayrshire Council is the Statutory Planning Authority and responsible for the Isle of Arran

**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:

All the General Policies in Scotland's National Marine Plan were considered in relation to this project. However, some of the General Policies are not applicable to this type of project. The works are effectively a repair to an existing coastal protection asset which protects the Route C147 road which circumnavigates the island which has significant benefit to the local economy in terms of tourism and business, and social access for the community (GEN 2 and GEN 3). The project is not expected to have any significant visual impact on the Landscape of the North Arran National Scenic Area as it will be an extension of existing revetment. It is a necessary replacement to existing failed protection of Road asset. The collapsed gabion basket removal is seen as an improvement in the aesthetics of the scenery. The height of the Rock Amour revetment will be in line with the existing ground and road level and where possible, grass seeding will be applied on top of the backfill to reduce any likely visual intrusion (GEN 7). The works are the improvement of the end of existing coastal protection which can only improve coastal resilience(GEN 8). As an extension the works will not alter any marine features, and the removal of the rusting gabions will improve the marine environment. The armour rock will enhance tidal marine life by creating protected tidal areas within the voids (GEN 9). The Rock amour is inert and it is less likely to affect the quality of the water during and after construction as all necessary precautions would be taken to prevent this happening (GEN 8). Finally, there would be no issues regarding noise and air pollution on site and its surrounding due to the nature of the construction (GEN 13 & GEN 14). North Ayrshire Council have been actively engaged in trying to alleviate the environmental and safety issues (GEN 18).

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

**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

**12. Consultation**

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

None

**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):