

## **Marine Licence Application for Pontoons**

Version 1.0

### **Marine (Scotland) Act 2010**

## Acronyms

Please note the following acronyms referred to in this application form:

<b>MHWS</b>	Mean High Water Springs
<b>MPA</b>	Marine Protected Area
<b>MS-LOT</b>	Marine Scotland – Licensing Operations Team
<b>SAC</b>	Special Area of Conservation
<b>SNH</b>	Scottish Natural Heritage
<b>SPA</b>	Special Protection Area
<b>SSSI</b>	Site of Special Scientific Interest
<b>WGS84</b>	World Geodetic System 1984

## Explanatory Notes

The following numbered paragraphs correspond to the questions on the application form and are intended to assist in completing the form. These explanatory notes are specific to this application and so you are advised to read these in conjunction with the Marine Scotland Guidance for Marine Licence Applicants document.

### **1. Applicant Details**

The person making the application who will be named as the licensee.

### **2. Agent Details**

Any person acting under contract (or other agreement) on behalf of any party listed as the applicant and having responsibility for the control, management or physical deposit or removal of any substance(s) or object(s).

### **3. Payment**

Indicate payment method. Cheques must be made payable to: The Scottish Government.

**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.**

### **4. Application Type**

Indicate if the application is for a new pontoon site or an existing pontoon site. Provide the existing or previous consent/licence number and expiry date if applicable.

### **5. Pontoon(s) Details**

- (a) Indicate the type of deposit, either permanent, temporary or seasonal. If **temporary** or **seasonal**, please provide plan of how and when pontoon section(s) are proposed to be deposited and removed in the method statement.
- (b) Indicate the number of pontoon sections that make up the full structure.
- (c) Complete the table to indicate the dimensions of each pontoon section making up the entire structure.
- (d) Complete the table to indicate any other substance(s) or object(s) to be deposited below MHWS, including quantity and dimensions (e.g steel mooring chain, No. 6 at 50 metres length each).
- (e) Indicate the total length of the pontoon, including any access bridge, seawards of the tidal limit of MHWS. The total length should include all sections of the pontoon that make up the entire structure.
- (f) Provide the proposed start date for installation of the pontoon(s). The start date will not be backdated, since to commence a project for which a licence has not been obtained will constitute an offence, which may result in appropriate legal action. A licence is normally valid for 6 years. **Target duration for determination of a marine licence application is 14 weeks.**
- (g) Provide the cost of the works seawards of the tidal limit of MHWS. This estimate should only cover

work taking place below the tidal level of MHWS and must take into consideration the cost of materials, labour fees etc.

- (h) Describe the location of the proposed works. Include a list of the latitude and longitude co-ordinates (WGS84) for the boundary points of the pontoon(s) including all moorings associated (if applicable). WGS84 is the World Geodetic System 1984 and the reference co-ordinate system used for marine licence applications. Co-ordinates taken from GPS equipment should be set to WGS84. Coordinates taken from recent admiralty charts will be on a WGS84 compatible datum. Ordnance survey maps do not use WGS84.

**Example:** For positions read from charts the format should be as in the example: 55°55.555'N 002°22.222'W (WGS84). The decimal point specifies that decimals of minutes are used and the datum is stated explicitly. If seconds are used then the format should be as in the example: 55°55'44"N 2°22'11"W (WGS84).

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

To supplement your application, please provide a suitably scaled extract of an Ordnance Survey Map (1:2,500 scale but not more than 1:10,000) or Admiralty Chart which must be marked to indicate:

- the pontoon position(s) in relation to the surrounding area;
- latitude and longitude co-ordinates defining the location of the works;
- the level of MHWS;
- any adjacent SAC, SPA, SSSI, MPA, Ramsar or similar conservation area boundary.

Drawings and plans will be consulted upon. 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.**

- (i) Indicate if the pontoon is located within the jurisdiction of a statutory harbour authority and provide details of the statutory harbour authority where relevant.
- (j) Provide a full method statement, including plan of how, when and where pontoon section(s) are proposed to be deposited and removed.
- (k) Provide assessment of the potential impacts the works may have, including interference with other uses of the sea. Please include details of areas of concern e.g designated conservation areas, such as a SAC, SPA, SSSI, MPA or Ramsar site and shellfish harvesting areas. Further guidance on designated conservation areas can be obtained from SNH at this website: <http://gateway.snh.gov.uk/sitelink/index.jsp> and guidance on shellfish harvesting areas can be obtained from <http://www.foodstandards.gov.scot/> 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.

Applicants should also be aware of the need to pay due regard to coastal and marine archaeological matters and attention is drawn to Historic Scotland's Operational Policy Paper HP6, "Conserving the Underwater Heritage".

Lochs Creran, Alsh, Duich and Long are designated as Special Areas of Conservation (SAC) under the Habitats Directive (Council Directive 92/43/EEC). Loch Creran has been selected for its bedrock and biogenic reefs of the tube worm *Serpula vermicularis* and the horse mussel, *Modiolus modiolus* and Lochs Alsh, Duich and Long for their sublittoral rock (marine) reefs. All are very sensitive to physical damage from anchors and the placement of moorings and in order to assist their protection reference should be made to the special moorings pack which can be downloaded from the following link: <http://www.scotland.gov.uk/Topics/marine/Licensing/marine/Applications>

Where there are potential impacts from the works, please provide details of proposed mitigation in response to potential impacts.

## 6. Scotland's National Marine Plan

Scotland's National Marine Plan has been prepared in accordance with the EU Directive 2014/89/EU, which came into force in July 2014. The Directive introduces a framework for maritime spatial planning and aims to promote the sustainable development of marine areas and the sustainable use of marine resources. It also sets out a number of minimum requirements all of which have been addressed in this plan. In doing so, and in accordance with article 5(3) of the Directive, Marine Scotland have considered a wide range of sectoral uses and activities and have determined how these different objectives are reflected and weighted in the marine plan. Land-sea interactions have also been taken into account as part of the marine planning process. Any applicant for a marine licence should consider their proposals with reference to Scotland's National Marine Plan. A copy of Scotland's National Marine Plan can be found at: <http://www.gov.scot/Publications/2015/03/6517/0>

Indicate whether you have considered the project with reference to Scotland's National Marine Plan and provide details of considerations made with reference to the policies, including but not limited to General Policy 7 (GEN 7), that have been considered. If you have not considered the project with reference to Scotland's National Marine Plan please provide an explanation.

## 7. Pre-Application Consultation

Certain activities will be subject to public pre-application consultation. Activities affected will be large projects with the potential for significant impacts on the environment, local communities and other legitimate uses of the sea. The new requirement will allow those local communities, environmental groups and other interested parties to comment on a proposed development in its early stages – before an application for a marine licence is submitted. Further information can be obtained from: <http://www.scotland.gov.scot/Resource/0043/00439649.pdf>

Please provide pre-application consultation report with your application.

## 8. Consultation (other than carried out under pre-application consultation)

Provide details of all bodies consulted and give details of any consents issued including date of issue.

## 9. Associated Works

Indicate whether the application is associated with any other marine projects (e.g. land reclamation, marine/harbour construction works, dredging and sea disposal etc). If this is the case, provide reference/licence number for the related marine projects.

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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.

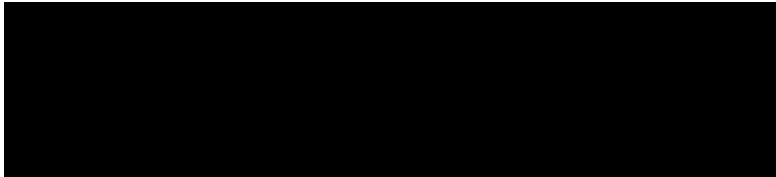
Target duration for determination is 14 weeks. Please note that missing or erroneous information in your application and complications resulting from consultation may result in the application being refused or delayed.

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



Date

15/03/2021

Name in BLOCK LETTERS

Jon Moncrieff (Agent)

### 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
- Additional information e.g. photographs, consultation correspondence (if applicable)
- Pre-application Report (if applicable)
- Payment (if paying by cheque)

## 1. Applicant Details

Title: Royal National Lifeboat Institution Initials: **RNLI** Surname:

Trading Title (if appropriate): **Royal National Lifeboat Institution**

Address: **West Quay Road, Poole, Dorset BH15 1HZ**

Name of contact (if different): **Mr Steven Randall (Estates Engineer)**

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

Email: **steven\_randall@rnli.org.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: Mott MacDonald Ltd Initials: **MM** Surname:

Trading Title (if appropriate): **Mott MacDonald Ltd**

Address: **Greenhead, Lerwick, Shetland ZE1 0PY**

Name of contact (if different): **Jon Moncrieff (Manager, Shetland)**

Telephone No. (inc. dialing code): **01595 695239**

Email: **jon.moncrieff@mottmac.com**

## 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 pontoon site or an existing pontoon site:

New Site  Existing Site

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

Consent/Licence Number	Expiry Date

#### 5. Pontoon Details

(a) Type of deposit

Permanent  Temporary  Seasonal

If **TEMPORARY** or **SEASONAL**, please provide plan of how and when pontoon section(s) are proposed to be deposited and removed in method statement in section 4 (j).

(b) Number of pontoon sections:

1

(c) Dimensions of pontoon sections:

Pontoon Section	Type of Deposit (e.g steel, plastic etc.)	Length (metres)	Width (metres)
1	Steel	24	4

(d) Any other substance(s) or object(s) to be deposited below MHWS (e.g mooring chain):

Deposit (e.g steel mooring chain)	Quantity and Dimensions (e.g No. 6 at 50 metres each)
Pontoon guide piles (tubular steel)	2nr 711mm OD x 16mm thick
Pontoon guide pile foundations (concrete)	2nr 1.5m(H) x 3.45m(L) x 2.3m(W)

(e) Total length of pontoon, including any access bridge, seawards of the tidal limit of MHWS:

24.5 metres



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

28th June 2021

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

£500,000

(h) Location:

Aith Lifeboat Station, Aith, Bixter, Shetland ZE2 9NA

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

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

(i) Is the pontoon located within the jurisdiction of a statutory harbour authority?

YES  NO

If YES, please specify statutory harbour authority:

(j) Method statement including schedule of work (continue on separate sheet if necessary). If **TEMPORARY** or **SEASONAL**, please provide plan of how, when are where pontoon section(s) are proposed to be deposited and removed.

2nr new tubular steel pile guides to be installed on site during summer 2021 adjacent to existing Aith Lifeboat Pier. The tubular piles will be fixed back to the existing lifeboat pier with head head support steelwork as detailed on drawing 417198-MMD-00-XX-DR-C-0020 submitted with the application. Bases of tubular piles will be cast into concrete foundations which will be positioned on weathered rock and with additional anchors fixed into the rock in accordance with drawing 417198-MMD-00-XX-DR-C-0022 submitted with the application. As soon as the pile guides are installed the prefabricated steel pontoon will be taken to site (towed around from Lerwick) and attached to the pile guides with steel guides as per drawing 417198-MMD-00-XX-DR-C-0047. The floating pontoon itself will comprise 2 large steel tubular sections attached with tubular cross members. Secondary steelwork framing will be fixed to brackets welded onto the main steel tubes and this will form the deck support structure. Pontoon decking will be GRP open mesh grating. Please refer to drawings 417198-MMD-00-XX-DR-C-0040 to 0046 for pontoon construction details. A prefabricated walkway (by Tyne Gangways or similar) will also be delivered to site and installed between the existing pier and the new pontoon. Completion of the project is expected to be Autumn 2021. The pontoon will be permanent and will be used for berthing the existing RNLI Severn Class Aith Lifeboat.

(k) 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):

Minimal impacts envisaged. Only work below MHWS is installation of 2nr concrete bases for tubular guide piles. There are no designated conservation or shellfish harvesting areas in the immediate vicinity.

Each Concrete base will comprise a precast concrete box unit 3.45m(L) x 2.3m(W) x 1.5m(H) placed on the sea bed (on weathered rock surface) filled with underwater concrete which will be tremied into place in a continuous operation (Concrete shall not be permitted to fall through the water). Volume of in-situ underwater tremied concrete for each base = 8m<sup>3</sup>, therefore total volume of in-situ underwater tremied concrete = 16m<sup>3</sup>.

Each base will include 14nr 40mm dia.stainless steel dowel bars grouted into 65mm dia. holes & embedded 1.5m into the rock.

Note removal of soft sediment from the sea bed (approx 0.5m to 1.0m thickness) under the footprint of the proposed new concrete bases will be done carefully using a diver operated air lift dredge pump and the material collected above water and taken away for disposal. Total volume of dredged soft material will be <25m<sup>3</sup>.

## 6. 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 Policy 7 (GEN 7), that have been considered:

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

The application is for minor works to improve the access to an existing pier and is considered to have negligible impact on the local and national marine plan or the marine environment.

**7. 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

**8. Consultation**

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

Shetland Islands Council Planning (SIC Planning Consent Ref. 2019/238/PPF)  Shetland Islands Council Marine Planning (SIC Marine Works Licence Ref. 2019/021/WL)  Crown Estate - RNLI Amended Lease Ref. SH-75-16
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**9. Associated Works**

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

None
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