

Marine Licence Application for Dredging and Sea Disposal

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

9th November 2021

Name in BLOCK LETTERS

George Bowie

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
- Maps/Charts
- Co-ordinates of the boundary points of the area of harbour jurisdiction (if you are a statutory harbour authority)
- Method Statement
- BPEO Assessment
- Analytical chemistry data (for capital projects)
- Transportation plan (dredger route to and from disposal site – if required)
- Additional information e.g. photographs, consultation correspondence
- Noise Registry – Initial Registration Form (if applicable)
- Payment (if paying by cheque)

1. Applicant Details

Title: Mr Initials: G Surname: Raybould

Trading Title (if appropriate): BAE Systems Surface Ships Limited

Address: Scotstoun, Glasgow, G14 0XN

Name of contact (if different):

Telephone No. (inc. dialing code): 03300461264

Email: geoff.raybould@baesystems.com

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. Dredging Contractor Details (if any)

Title: Initials: Surname:

If the Dredging Contractor is the Applicant shown in section 1 please tick the box

Trading Title (if appropriate):

Address: To be Confirmed

Name of contact (if different):

Telephone No. (inc. dialing code):

Email:

3. Agent Details (if any)

Title: Mr Initials: G Surname: Bowie

Trading Title (if appropriate): Arch Henderson LLP

Address: 142 St Vincent Street , Glasgow , G2 5LA

Name of contact (if different):

Telephone No. (inc. dialing code): 0141 227 3060

Email: gbowie@arch-henderson.co.uk

4. 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:

5. Application Type

Is this application for a new dredging site or a site that has previously been dredged:

New Site Previously Dredged Site

If an **PREVIOUSLY DREDGED SITE**, please provide the following:

Consent/Licence Number	Expiry Date	Quantity (wet tonnes) dredged under consent/licence as at (date)
MS-00009092	1st June 2023	24,120 wet tonnes (as of 1st October 2021)
MS-00009087	11th June 2024	33,768 wet tonnes (as of 1st October 2021)

6. Dredging and Sea Disposal Details

(a) Brief description of the dredging and sea disposal operation:

The method of dredging river silt at the dredge sites has not been completely finalised and the specific plant will not be confirmed until a contractor has been appointed. However, the method is most likely to be a suction dredger or grab dredger or floating plant working in conjunction with a hopper barge and plough dredger.

These are all tried and tested techniques which have been ongoing on the River Clyde (and continue with other rivers users) for decades. There is no impact on wildlife and sedimentation patterns continue as per previous dredging exercises.

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

28th January 2022

(c) Proposed completion date:

11th June 2024

(d) Location of Dredging:

The dredging is located at the existing Deep Water Berth at the Scotstoun Ship Yard noted in drawings 205026 - 201,202 & 203. The dredging contractor has still to be appointed, however it is expected the dredge will be carried out by conventional dredging plant and transported in split hopper barges to the dump site

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

Dredge Area A

Latitude								Longitude							
		°					' N			°					' W
		°					' N			°					' W
		°					' N			°					' W
		°					' N			°					' W
		°					' N			°					' W
		°					' N			°					' W
		°					' N			°					' W

Dredge Area B

Latitude										Longitude									
		°			.				' N				°			.			' W
		°			.				' N				°			.			' W
		°			.				' N				°			.			' W
		°			.				' N				°			.			' W
		°			.				' N				°			.			' W
		°			.				' N				°			.			' W

Dredge Area C

Latitude										Longitude									
		°			.				' N				°			.			' W
		°			.				' N				°			.			' W
		°			.				' N				°			.			' W
		°			.				' N				°			.			' W
		°			.				' N				°			.			' W
		°			.				' N				°			.			' W

Dredge Area D

Latitude										Longitude									
		°			.				' N				°			.			' W
		°			.				' N				°			.			' W
		°			.				' N				°			.			' W
		°			.				' N				°			.			' W
		°			.				' N				°			.			' W
		°			.				' N				°			.			' W

Dredge Area E

Latitude										Longitude									
		°			.				' N				°			.			' W
		°			.				' N				°			.			' W
		°			.				' N				°			.			' W
		°			.				' N				°			.			' W
		°			.				' N				°			.			' W
		°			.				' N				°			.			' W

(e) Name of Disposal Site and Oslo Code:

Cloch Point MA012

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

Latitude										Longitude										
5	5	°	5	8	.	1	5	0	' N	0	0	4	°	5	2	.	6	5	0	' W
		°			.				' N				°			.				' W
		°			.				' N				°			.				' W
		°			.				' N				°			.				' W

(f) Is any part of the works (dredging or sea disposal site) located within the jurisdiction of a statutory harbour authority?

YES NO

If YES, please specify statutory harbour authority:

Peelports Clydeport Limited

(g) Method statement including rate of dredging, timing of the operation and order of the areas to be dredged (continue on separate sheet if necessary):

The Dredging Contractor has not yet been appointed however it is envisaged that the dredging will be carried out by conventional dredging Plant. The spoil will be located directly onto split hopper barges. The split hopper barges will transport the spoil downriver to the disposal site at Cloch Point in the Firth of Clyde

The dredging programme will be carried out to suit the build and launch programme for the current vessels under construction over the period of the license (Section 6 (b)), but we expect a minimum of one dredge per annum will be required.

(h) 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):

Any impact associated with dredging will be localised to the area of the deep water berth (i.e. a significant portion of the channel will not be impacted which will provide a route for migrating fish.) Given the limited nature of the dredge and that the duration of the works will also be limited On this basis the impact to migrating fish associated with the dredging works will be limited in extent and duration and is not considered to represent a significant impact

7. Details of Substance(s) or Object(s) to be Dredged (Please provide details for each of the Dredge

Areas listed in Section 5 (d) above. Continue on a separate sheet if necessary):

Dredge Area	Name of Dredge Area	Type (Maintenance or Capital)	Harbour bed, Seabed or Estuary bed?	Estimated Specific Gravity	Depth (metres)	Quantity to be Dredged per Year (wet tonnes)
A	Deep Water Berth	Maintenance	Estuary	2000kg/m ³	1.6	28,000
B						
C						
D						
E						

8. **Physical Composition of Substance(s) or Object(s) to be Dredged** (Please provide the approximate proportions as a percentage for each size range against each of the dredge site areas listed in Section 6 (d) above. Continue on a separate sheet if necessary):

Dredge Area	Clay and Silt (< 0.063 mm)	Sand ($0.063 \leq \text{Sand} < 2.0$ mm)	Pebbles, Cobbles & Boulders (≤ 2.0 mm)
A	100		
B			
C			
D			
E			

9. **Details of Substance(s) or Object(s) Quality**

Have the dredged substance(s) or object(s) been chemically analysed in the last 3 years?

YES NO

10. **Details of Vessel(s) Undertaking Dredging and Sea Disposal** (please note that a marine licence cannot be issued until the vessel details have been confirmed. Continue on a separate sheet if necessary):

Vessel Name	Type of Vessel	Name and Address of Operator
Shoalway	Trailing Suction Hopper Dredger	Boskalis Westminster Limited Westminster House Crompton Way, Segensworth West Fareham, Hampshire PO15 5SS
Causeway	Trailing Suction Hopper Dredger	Boskalis Westminster Limited Westminster House Crompton Way, Segensworth West Fareham, Hampshire PO15 5SS
Admiral Day	Grab Hopper Dredger	Boskalis Westminster Limited Westminster House Crompton Way, Segensworth West Fareham, Hampshire PO15 5SS
Tioga B	Plough Dredger	Boskalis Westminster Limited Westminster House Crompton Way, Segensworth West Fareham, Hampshire PO15 5SS
Sylvester	Plough Dredger	CCD Subsea Marine Limited Rothessay Dock East Clydebank Dunbartonshire G81 1LX

11. 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	
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>

A marine licence application will not be accepted until this form has been completed and submitted.

12. Statutory Consenting Powers

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

No

13. 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 including reference to the policies that have been considered:

The proposed dredging is part of the development of BAE Systems shipbuilding Facilities on the River Clyde to allow the construction and fit-out of the next generation of warships (T26 Frigates) on the Clyde. The project is therefore of national importance to Scotland as it provides social and economic benefit to the area, which is one of the main themes of Scotland's National Marine Plan

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

14. Consultation

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

Peelports Limited (Current Dredging licenses attached for both the maintenance and Capital dredging licences). We would note that a standalone dredging licence will be applied for from Peelports to cover this application until all maintenance dredging can be consolidated at the Scotstoun Ship Yard into a single Peelports Dredging Licence.

15. Associated Works

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

The current maintenance dredging application is converting the current capital dredging licence envelope into a maintenance licence. This licence in the future will be amalgamated in the general maintenance dredging licence on its expiry on 11th June 2024.