

# 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

7th December 2020

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)
06516/18/0	22nd April 2021	81,746 wet tonnes

**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):

23rd April 2021

(c) Proposed completion date:

22nd April 2024

(d) Location of Dredging:

The dredging is located at the existing berths at both Scotstoun and Govan Ships Yards noted in drawings 205026 - 200 & 201. 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

**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):

None

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	No 3 Dry Dock (Scotstoun)	Maintenance	Estuary	2000kg/m3	1.5	10,000
B	No1 & No2 Dock Approaches (Scotstoun)	Maintenance	Estuary	2000kg/m3	2.5	14,000
C	Angle Wall (Scotstoun)	Maintenance	Estuary	2000kg/m3	1.5	14,000
D	Deep Water Berth (Scotstoun)	Maintenance	Estuary	2000kg/m3	2.2	40,000
E	East Jetty (Scotstoun)	Maintenance	Estuary	2000kg/m3	1.5	16,000

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 ≤ Sand < 2.0 mm)	Pebbles, Cobbles & Boulders (≤ 2.0 mm)
A	100		
B	100		
C	100		
D	100		
E	100		

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)

**15. Associated Works**

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

The current maintenance dredging application will include the current maintenance dredge envelope under license 06516/18/0 and incorporate the minor capital dredging under licenses 06246/17/0 & 06271/20/0.