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MARINE (SCOTLAND) ACT 2010, PART 4 MARINE LICENSING

LICENCE TO CARRY OUT DREDGING AND TO DEPOSIT DREDGED SPOIL SUBSTANCES
OR OBJECTS WITHIN THE SCOTTISH MARINE AREA

Licence Number: 05964/16/0

Reference Number: 05964

The Scottish Ministers hereby authorise:

**Aberdeen Harbour Board
Harbour Office
16 Regent Quay
Aberdeen
AB11 5SS**

to carry out dredging within the Scottish marine area and to deposit the associated dredge spoil substances or objects within the Scottish marine area, either in the sea or on or under the seabed as described in Part 2 of the attached Schedule.

This licence is subject to the conditions set out in Part 3 of the said Schedule and is valid from **06 February 2017** until **05 September 2018**.

Signed:



Karen Major

For and on behalf of the licensing authority

Date: 04 November 2016

1. PART 1 – GENERAL

1.1. Interpretation

In this licence, unless otherwise stated, terms are as defined in sections 1, 64 and 157 of the Marine (Scotland) Act 2010:

- a) "the 2010 Act" means the Marine (Scotland) Act 2010
- b) "licensable marine activity" means any activity listed in section 21 of the 2010 Act
- c) "licensee" means the recipient of the licence
- d) "the licensing authority" means the Scottish Ministers
- e) "mean high water springs" means the average of high water heights occurring at the time of spring tides
- f) "seabed" means the ground under the sea

All geographical co-ordinates contained within this licence are in latitude and longitude format WGS84.

1.2. Contacts

All correspondence or communications relating to this licence should be addressed to:

Marine Scotland
Licensing Operations Team
Marine Laboratory
375 Victoria Road
Aberdeen
AB11 9DB

Tel: +44 (0) 1224 295579
Email: ms.marinelicensing@gov.scot

1.3. Other authorisations and consents

The licensee is deemed to have satisfied themselves that there are no barriers or restrictions, legal or otherwise, to the carrying out of the licensed operations. The issuing of this licence does not absolve the licensee from obtaining such other authorisations and consents which may be required under statute.

1.4. Variation, suspension, revocation and transfer

Under section 30 of the 2010 Act the licensing authority may by notice vary, suspend or revoke this licence granted by them if it appears to the licensing authority that there has been a breach of any of the provisions of this licence or for any such other reason that appears to be relevant to the authority under section 30(2) or (3) of the 2010 Act.

Under section 30 of the 2010 Act the licensing authority may on an application made by the licensee, vary this licence if satisfied that the variation being applied for is not material.

Under section 30 of the 2010 Act the licensing authority may on an application made by the licensee, transfer this licence from the licensee to another person.

1.5. Breach of requirement for, or conditions of, licence

Under section 39 of the 2010 Act it is an offence to carry on a licensable marine activity without a marine licence and it is also an offence to fail to comply with any condition of a marine licence.

1.6. Defences: actions taken in an emergency

Under section 40 of the 2010 Act it is a defence for a person charged with an offence under section 39(1) of the 2010 Act in relation to any activity to prove that the activity was carried out for the purpose of saving life or for the purpose of securing the safety of a vessel, aircraft or marine structure ('*force majeure*') and that the person took steps within a reasonable time to provide full details of the matter to the licensing authority as set out in section 40(2) of the 2010 Act.

1.7. Offences relating to information

Under section 42 of the 2010 Act it is an offence for a person to make a statement which is false or misleading in a material way, either knowing the statement to be false or misleading or being reckless as to whether the statement is false or misleading, or to intentionally fail to disclose any material information for the purpose of procuring the issue, variation or transfer of a marine licence or for the purpose of complying with, or purporting to comply with, any obligation imposed by either Part 4 of the 2010 Act or by this licence.

1.8. Appeals

Under Regulation 3(1) of the Marine Licensing Appeals (Scotland) Regulations 2011 a person who has applied for a marine licence may by summary application appeal to the sheriff of any sheriffdom against a decision taken by the Scottish Ministers under section 29(1) of the 2010 Act.

2. PART 2 - PARTICULARS

2.1. Name and address of the producer of the substances or objects:

As per licensee.

2.2. Name(s) and address(es) of sea disposal contractor(s):

See conditions 3.1.2 and 3.1.3.

2.3. Name(s) and address(es) of any other agents, contractors or sub-contractors acting on behalf of the licensee:

See condition 3.1.2.

2.4. Name(s) of vessel(s) to be employed to undertake the activities authorised by the licence:

See condition 3.1.3.

The vessels employed must be so constructed and equipped as to be capable of carrying out the licensed activities in compliance with the conditions set out in the Schedule.

2.5. Location of the dredging activities:

Harbour Basin, Nigg Bay, Aberdeen, within the area bounded by joining the following points:

57° 08.133' N	002° 03.453' W
57° 08.153' N	002° 03.038' W
57° 07.930' N	002° 03.038' W
57° 07.920' N	002° 02.856' W
57° 07.851' N	002° 02.750' W
57° 07.779' N	002° 02.941' W

East Quay, Nigg Bay, Aberdeen, within the area bounded by joining the following points:

57° 08.153' N	002° 03.038' W
57° 08.161' N	002° 02.969' W
57° 07.930' N	002° 02.969' W
57° 07.930' N	002° 03.038' W
57° 08.153' N	002° 03.038' W

Entrance Channel, Nigg Bay, Aberdeen, within the area bounded by joining the following points:

57° 08.106' N	002° 02.440' W
57° 07.978' N	002° 02.467' W
57° 07.849' N	002° 02.747' W
57° 07.943' N	002° 02.865' W
57° 08.106' N	002° 02.440' W

North Breakwater, Nigg Bay, Aberdeen, within the area bounded by joining the following points:

57° 07.958' N	002° 02.969' W
57° 07.958' N	002° 02.824' W
57° 07.895' N	002° 02.824' W
57° 07.895' N	002° 02.968' W
57° 07.958' N	002° 02.969' W

South Breakwater, Nigg Bay, Aberdeen, within the area bounded by joining the following points:

57° 07.987' N	002° 02.480' W
57° 07.962' N	002° 02.442' W
57° 07.840' N	002° 02.712' W
57° 07.866' N	002° 02.749' W
57° 07.987' N	002° 02.480' W

2.6. Description of dredging and deposit activities:

Capital dredging and dredge spoil disposal for Aberdeen Harbour Expansion Project ("AHEP"), Nigg Bay, Aberdeen including the following activities:

- Dredging of Harbour Basin location to achieve a seabed depth of approximately 9.0 metres below Chart Datum ("CD");
- Dredging of East Quay and Entrance Channel locations to achieve seabed depth of approximately 10.5 metres below CD;
- Dredging of North Breakwater location to achieve seabed depth of approximately 15.0 metres below CD;
- Dredging of South Breakwater location to achieve seabed depth of approximately 14.0 metres below CD;
- Deposit of dredge spoil (unsuitable for re-use) at Aberdeen authorised sea disposal site.
- Temporary stockpiling of dredged material (to be used as land reclamation infill during construction of AHEP)

As described in application dated 17 May 2016, Environmental Statement ("ES") dated 04 November 2015, further information dated 26 April 2016 and all other associated information and correspondence.

2.7. Details of substances or objects to be dredged*:

Dredge Area	Dredge Depth (metres below CD)	Clay and Silt ($<0.063\text{mm}$)	Sand ($0.063 \leq \text{Sand} < 2.0\text{mm}$)	Pebbles, Cobbles & Boulders ($\leq 2.0\text{mm}$)	Quantity to be dredged (wet tonnes)
Harbour Basin	9.0	14%	69%	17%	4,520,000
East Quay	10.5	14%	69%	17%	1,202,000
Entrance Channel	10.5	14%	69%	17%	280,000
North Breakwater	15.0	14%	69%	17%	40,000
South Breakwater	14.0	14%	69%	17%	78,000

*Quantities detailed are indicative only.

2.8. Maximum quantity of capital dredge spoil to be deposited at authorised disposal site CR110 - Aberdeen:

4,702,737 wet tonnes / 2,190,000 m³

2.9. Quantity of dredged spoil to be re-used in construction of AHEP:

1,417,263 wet tonnes / 660,000** m³

**Quantity detailed is indicative only.

3. PART 3 – CONDITIONS

3.1. General conditions

3.1.1. Licence conditions binding other parties

All conditions attached to this licence bind any person who for the time being owns, occupies or enjoys any use of the works for which this licence has been granted in relation to those licensed activities authorised under item 5 in section 21(1) of the 2010 Act whether or not this licence has been transferred to that person.

3.1.2. Agents, contractors and sub-contractors

The licensee must provide, as soon as is reasonably practicable prior to the licensed activities commencing, the name and function of any agent, contractor or sub-contractor appointed to undertake the licensed activities.

Any changes to the supplied details must be notified to the licensing authority, in writing, prior to any agent, contractor or sub-contractor undertaking any licensed activity.

The licensee must ensure that only those agents, contractors or sub-contractors notified to the licensing authority are permitted to undertake the licensed activities.

The licensee must give a copy of this licence and any subsequent variations that have been made to this licence in accordance with section 30 of the 2010 Act to any agent, contractor or sub-contractor appointed to carry out any part, or all, of the licensed activities. The licensee must satisfy themselves that any such agent, contractor or sub-contractor is aware of the extent of the works for which this licence has been granted, the activity which is licensed and the terms of the conditions attached to this licence.

3.1.3. Vessels

The licensee must notify the licensing authority, in writing, of any vessel being used to carry on any licensed activity under this licence on behalf of the licensee. Such notification must be received by the licensing authority no less than 72 hours before the commencement of the activities. The notification must include the master's name, vessel type, vessel IMO number and vessel owner or operating company.

The licensee must ensure that a copy of this licence and any subsequent variations made to it in accordance with section 30 of the 2010 Act have been read and understood by the masters of any vessels being used to carry on any licensed activity under this licence, and that a copy of this licence is held on board any such vessel.

3.1.4. Force Majeure

If by any reason of *force majeure* any substance or object is deposited other than at the site which is described in this licence, then the licensee must notify the licensing authority of the full details of the circumstances of the deposit within 48 hours of the incident occurring (failing which as soon as reasonably practicable after that period of 48 hours has elapsed). *Force majeure* may be deemed to apply when, due to stress of weather or any other cause, the master of a vessel, vehicle or marine structure determines that it is necessary to deposit the substance or object other than at the specified site because the safety of human life or, as the case may be, the vessel, vehicle or marine structure is threatened. Under Annex II, Article 7 of the Convention for the Protection of the Marine Environment of the North-east Atlantic, the licensing authority is obliged to immediately report *force majeure* incidents to the Convention Commission.

3.1.5. Material alterations to the licence application

The licensee must, where any information upon which the granting of this licence was based has, after the granting of the licence, altered in any material respect, notify the licensing authority of this fact, in writing, as soon as is practicable.

3.1.6. Submission of reports to the licensing authority

Where it would appear to the licensee that there may be a delay in the submission of the reports, studies or surveys to the licensing authority then the licensee must advise the licensing authority of this fact as soon as is practicable and no later than the time by which those reports, studies or surveys ought to have been submitted to the authority under the terms of this licence.

The reports, studies and surveys must include executive summaries, assessments and conclusions and any data must, subject to any rules permitting non-disclosure, be made publically available by the licensing authority, or by any such party appointed, at their discretion.

3.1.7. Environmental protection

The licensee must ensure that all required mitigation identified in the Environmental Impact Assessment ("EIA") process is implemented to address significant environmental effects.

The licensee must ensure that all reasonable, appropriate and practicable steps are taken at all times to minimise damage to the Scottish marine area caused by the licensed activity authorised under this licence.

The licensee must ensure that any debris or waste materials placed below MHWS during the licensed activities are removed from the site, as soon as is reasonably practicable, for disposal at a location above MHWS approved by the Scottish Environment Protection Agency.

The licensee must ensure that all substances and materials used during the licensed activities are inert (or appropriately coated or protected so as to be rendered inert) and do not contain

toxic elements which may be harmful to the marine environment, the living resources which it supports or human health.

The licensee must ensure that the risk of transferring non-native species to and from the site is kept to a minimum by ensuring appropriate bio-fouling management practices are implemented during the licensed activities.

The licensee must ensure that if oil based drilling muds are utilised they must be contained within a zero discharge system.

3.1.8. Availability of the licence for inspection

The licensee must ensure that copies of the licence are available for inspection by any authorised Enforcement Officer at:

- a) the premises of the licensee;
- b) the premises of any agent, contractor or sub-contractor acting on behalf of the licensee; and
- c) on board the vessel(s) employed to undertake the licensed activities.

3.1.9. Inspection of the licensed activities

Any persons authorised by the licensing authority, must be permitted to inspect the licensed activities at any reasonable time. The licensee must, on being given reasonable notice by the licensing authority (of at least 72 hours), provide transportation to and from the site of the licensed activities (weather permitting) for any persons authorised by the licensing authority to inspect the activities.

3.2. Prior to the licensed activities commencing

3.2.1. The licensee must, no later than 7 days prior to commencement of the activities, notify the licensing authority of the proposed start date.

3.2.2. The licensee must, no later than 1 month or at such a time as agreed with the licensing authority, prior to the commencement of the dredging activity and deposit of substances and objects, notify the licensing authority of the names and addresses of the sea disposal contractors and the names of the vessels to be employed to undertake the activities.

3.2.3. The licensee must ensure that a Notice to Mariners is issued prior to commencement of the licensed activities, clearly stating the nature and duration of the activities.

3.2.4. The licensee must submit a detailed Construction Environmental Management Document ("CEMD") to the licensing authority for their written approval, no later than two months or at such a time as agreed with the licensing authority, prior to the commencement of the licensed activities. It is not permissible for the licensed

activities to commence prior to the granting of such approval. In granting such approval, the licensing authority may consult any such other advisors, organisations or stakeholders as may be required at their discretion. The CEMD must be consistent with the marine licence application, ES and supporting information.

The CEMD must include, but shall not be limited to, the following:

a) detailed Construction Method Statements ("CMS") and Construction Environmental Management Plans ("CEMP") including the following specific management plans:

- I. marine mammal protection plan ("MMPP");
- II. vessel management plan ("VMP");
- III. noise and vibration mitigation plan (including hours of operation)
- IV. lighting plan (including strategy for dimmed and directional lighting)
- V. traffic management plan;
- VI. pollution prevention plan;
- VII. otter protection plan;
- VIII. piling management plan;
- IX. fish species protection plan;
- X. habitat management plan;
- XI. waste management plan;
- XII. Nigg Bay Site of Special Scientific Interest management plan;
- XIII. dredging and dredge spoil disposal management and monitoring plan;
- XIV. marine non-native species and biosecurity management plan; and
- XV. a plan to protect and appropriately locate existing abstractions and discharges in the vicinity of the licensed activities.

- b) commencement dates, duration and phasing information of key elements of construction;
- c) a schedule of mitigation and monitoring measures to protect the environment, including cross-referencing between relevant management plans or other documents;
- d) processes to control changes from the agreed schedule of mitigation;
- e) processes to detail how each and all contractors and sub-contractors will be made aware of environmental sensitivities, what requirements they are expected to adhere to, how chains of command will work including shore to vessel communications; and
- f) a process and schedule for providing the licensing authority with regular updates on construction activity, issues encountered and how these have been addressed.

In the event that the licensee wishes to request staged approval of the CEMD, the licensee must submit, in writing, a detailed schedule of the proposed CEMD submission stages and associated documents relative thereto, to the licensing authority for their written approval, no later than two months or at such a time as agreed with the licensing authority, prior to the commencement of the licensed activities.

In the event that the licensee wishes to update or amend the CEMD, the licensee must submit, in writing, details of the proposed updates or amendments to the licensing authority for their written approval, no later than one month or at such a time as agreed

with the licensing authority, prior to the planned implementation of the proposed updates or amendments. It is not permissible for any activities associated with the proposed updates or amendments to proceed prior to the granting of such approval.

Unless otherwise agreed, in writing by the licensing authority, all licensed activities must proceed in accordance with the approved CEMD.

3.2.5. The licensee must submit a detailed Dredging and Dredge Spoil Disposal Management and Monitoring Plan to the licensing authority for their written approval, no later than two months or at such a time as agreed with the licensing authority, prior to the commencement of the licensed activities. It is not permissible for the activities to commence prior to the granting of such approval. In granting such approval, the licensing authority may consult any such other advisors, organisations or stakeholders as may be required at their discretion. The plan must be consistent with the marine licence application, ES, the CEMD (including CMS and CEMP) and supporting information.

The Plan must include, but shall not be limited to, the following:

- a) a detailed Dredging Management Plan which must set out the measures to be taken to minimise, as far as is practically possible, the environment effects of dredging and disposal activity.
- b) a detailed Disposal Site Monitoring Plan including:
 - i. the undertaking of sampling and analysis of the disposal site, in accordance with Marine Scotland Guidance, to demonstrate that the dispersal of the substances or objects deposited under this licence and levels of contamination at the disposal site are in line with predictions made during the EIA. The Plan must document the actions to be taken by the licensee should levels of contamination be shown to be above acceptable limits; and
 - ii. the undertaking of bathymetric surveys of the disposal site prior to, at intervals during, and upon completion of the licensed activities. The Plan must document the actions to be taken by the licensee should unacceptable bathymetric conditions resulting from the deposit activities be established.
- c) a detailed Dredging Monitoring Plan including:
 - i. the undertaking of collection and analysis of samples of the substances or objects described in Part 2 of the Schedule, in line with Marine Scotland Guidance, during dredging activities. Duplicate samples must be submitted to the licensing authority. The Plan must commit the licensee to minimum agreed timescales, from the time the samples are taken, to provide results and samples to the licensing authority and must document the actions to be taken by the licensee should levels of contamination be shown to be above acceptable limits.

- d) a detailed Water Quality Monitoring Plan including:
- i. as a minimum, the monitoring of water quality, including levels of suspended sediments in the water column and sediment levels near the seabed, at locations and frequency to be agreed with the licensing authority, to demonstrate among other things that suspended sediment dispersal is in line with that predicated in the ES. Baseline data must be established and the Plan must document the actions to be taken by the licensee, including adaptive management, should suspended sediments be shown to be above acceptable limits.

In the event that the licensee wishes to update or amend the approved Dredging and Dredge Spoil Disposal Management and Monitoring Plan, the licensee must submit, in writing, details of the proposed updates or amendments to the licensing authority for their written approval, no later than one month or at such a time as agreed with the licensing authority, prior to the planned implementation of the proposed updates or amendments. It is not permissible for any licensed activities associated with the proposed updates or amendments to proceed prior to the granting of such approval.

Unless otherwise agreed, in writing by the licensing authority, all licensed activities must proceed in accordance with the approved Dredging and Dredge Spoil Disposal Management and Monitoring Plan.

- 3.2.6.** The licensee must submit a detailed VMP to the licensing authority for their written approval, no later than two months or at such a time as agreed with the licensing authority, prior to the commencement of the licensed activities. It is not permissible for the activities to commence prior to the granting of such approval. In granting such approval, the licensing authority may consult any such other advisors, organisations or stakeholders as may be required at their discretion.

Relative to the duration of the licensed activities, the VMP must include details on vessels, their speeds, routes and frequency of trips during the licensed activities, creation of high and low disturbance areas, a vessel free buffer zone around Girdle Ness and Greyhope Bay, and details of how vessel management will be coordinated.

Relative to the operation of the harbour, the VMP must include a code of practice to guide the behaviour of vessels in and in the vicinity of the harbour around marine mammals and rafts of birds and avoidance of the area around Girdle Ness and Greyhope Bay.

In the event that the licensee wishes to update or amend the VMP, the licensee must submit, in writing, details of the proposed updates or amendments to the licensing authority for their written approval, no later than one month or at such a time as agreed with the licensing authority, prior to the planned implementation of the proposed updates or amendments. It is not permissible for any activities associated with the proposed updates or amendments to proceed prior to the granting of such approval.

Unless otherwise agreed in writing by the licensing authority, all licensed activities must proceed in accordance with the approved VMP.

- 3.2.7.** The licensee must submit a protocol for archaeological discovery to the licensing authority for their written approval, no later than two months or at such a time as agreed with the licensing authority, prior to the commencement of the licensed activities. It is not permissible for the licensed activities to commence prior to the granting of such approval. In granting such approval, the licensing authority may consult any such advisors, organisations or stakeholders as may be required at their discretion.
- 3.2.8.** Prior to the commencement of the licensed activities, the licensee must appoint an Environmental Clerk of Works ("ECOW") who will be responsible for ensuring delivery of the CEMD. The ECOW must be on site during licensed activities, as determined by the CEMD, and shall have authority to halt activities if necessary.
- 3.2.9.** The licensee must ensure that HM Coastguard, in this case nmoccontroller@hmcg.gov.uk, The National Maritime Operations Centre, is made aware of the works prior to commencement.
- 3.2.10.** The licensee must review where potential asset conflicts exist and contact Scottish Water's Asset Impact Team ("AIT") (service.relocation@scottishwater.co.uk) as soon as practicable to discuss any potential issues identified. All detailed design proposals relating to the protection or diversion of Scottish Water's assets must be submitted to AIT for review and written acceptance before any licensed activities take place.
- 3.2.11.** Prior to commencement of the activities, the licensee must ensure that existing abstractions and discharges in the vicinity of the licensed activities are protected, diverted or relocated to ensure functionality is maintained during the construction and operation of AHEP, with particular reference to the outfalls (United Fish Industries, Scottish Water and East Tullos Burn) and intake (Marine Scotland Science aquarium) currently located in Nigg Bay.

3.3. During the licensed activities

- 3.3.1.** The licensee must ensure that the licensed activities take place in accordance with the approved indicative plan (Annex 1).
- 3.3.2.** The licensee must ensure that the licensed activities are carried out in accordance with the approved CEMD.
- 3.3.3.** The licensee must deposit the substances or objects, identified for disposal as described in Part 2(8) of the Schedule, in the following disposal area(s):

Deposit Area Name and Code: ABERDEEN, CR110

Up to a maximum quantity of **4,702,737 wet tonnes / 2,190,000 m³** may be deposited during the period of validity of this licence, within the circle area centred at:

57° 07.00' N 002° 00.00' W with a radius of 0.25 nautical miles.

- 3.3.4.** The licensee must ensure that, during the execution of the licensed activities, the risk of transferring marine non-native species to and from the location of the activities is minimised by implementing the approved marine non-native species and biosecurity management plan.
- 3.3.5.** The licensee must remove all temporary stockpiles of dredged substances or objects before the expiry date of this licence.
- 3.3.6.** At the authorised disposal site, the licensee must ensure that a dedicated watch is kept by a trained Marine Mammal Observer ("MMO") or someone else following the general guidance for, and acting in the role of, a MMO. A 30 minute watch must be undertaken prior to disposal commencing to ensure that no marine mammals are within 500 metres of the authorised disposal site. If marine mammals are observed within this distance then disposal operations must be ceased until the area has been clear of marine mammals for at least 20 minutes.
- 3.3.7.** The licensee must ensure that a formal log is maintained, whether or not marine mammals are sighted, and the completed log(s) must be returned to the licensing authority. The log(s) should contain the name of observer, time of disposal, start and finish times of observation, observations of marine mammals and any action taken as a result.

To ensure consistent recording of marine mammal observations, the licensee must also ensure that the MMO's formal log(s) are submitted to the following:

Offshore Industries Advisor
Joint Nature Conservation Committee
Inverdee House
Baxter Steet
Aberdeen
AB11 9QA

- 3.3.8.** The licensee must ensure that all vessels associated with the dredging and disposal activities adhere to the approved VMP. The route to and from the disposal site is at the Master and Harbour Master's discretion, subject to Port operations and environmental conditions.
- 3.3.9.** The licensee must ensure that a log of operations is maintained on each vessel employed to undertake the disposal operations. The log(s) must be kept onboard the vessel(s) throughout the disposal operations, and be available for inspection by any authorised Enforcement Officer. The log(s) must be retained for a period of six calendar months following expiry of the licence, and copies of the log(s) may be requested during that period for inspection by the licensing authority.

The log(s) shall record in English the following information:

- a) the name of the vessel;
- b) the nature and quantity of each substance or object loaded for disposal;
- c) the date and time of departure from port, and the date and time of arrival at the disposal area(s), on each occasion that the vessel proceeds to the disposal area(s);
- d) the date, time and position of commencement, and the date, time and position of completion, of each disposal operation;
- e) the course(s) and speed(s) throughout each disposal operation. (Multiple changes may be recorded as "various");
- f) the weather, including wind strength and direction, sea-state and tidal set throughout each disposal operation;
- g) the rate of discharge during each disposal operation, if appropriate, and the duration of each disposal operation. (If the rate of discharge is not constant, the maximum and mean rates of discharge should be indicated);
- h) comments on the disposal operations, including any explanations for delays in the disposal operations; and
- i) the signature of the Master at the foot of each page of the record.

The above information can be entered on form FEP6.

3.3.10. Only those substances or objects described in Part 2 of the Schedule must be deposited under authority of the licence.

3.3.11. Any unauthorised materials associated with the substances or objects scheduled for disposal, including debris such as demolition waste, wood, scrap metal, tyres and synthetic materials, must be disposed of on land at an approved location above the tidal level of Mean High Water Springs.

3.3.12. The appointed dredger and any other floating plant in attendance during these operations must exhibit the required lights/shapes at all times, in accordance with the International Regulations for the Prevention of Collisions at Sea.

3.3.13. All tank/hopper washings must be deposited in the authorised disposal area(s).

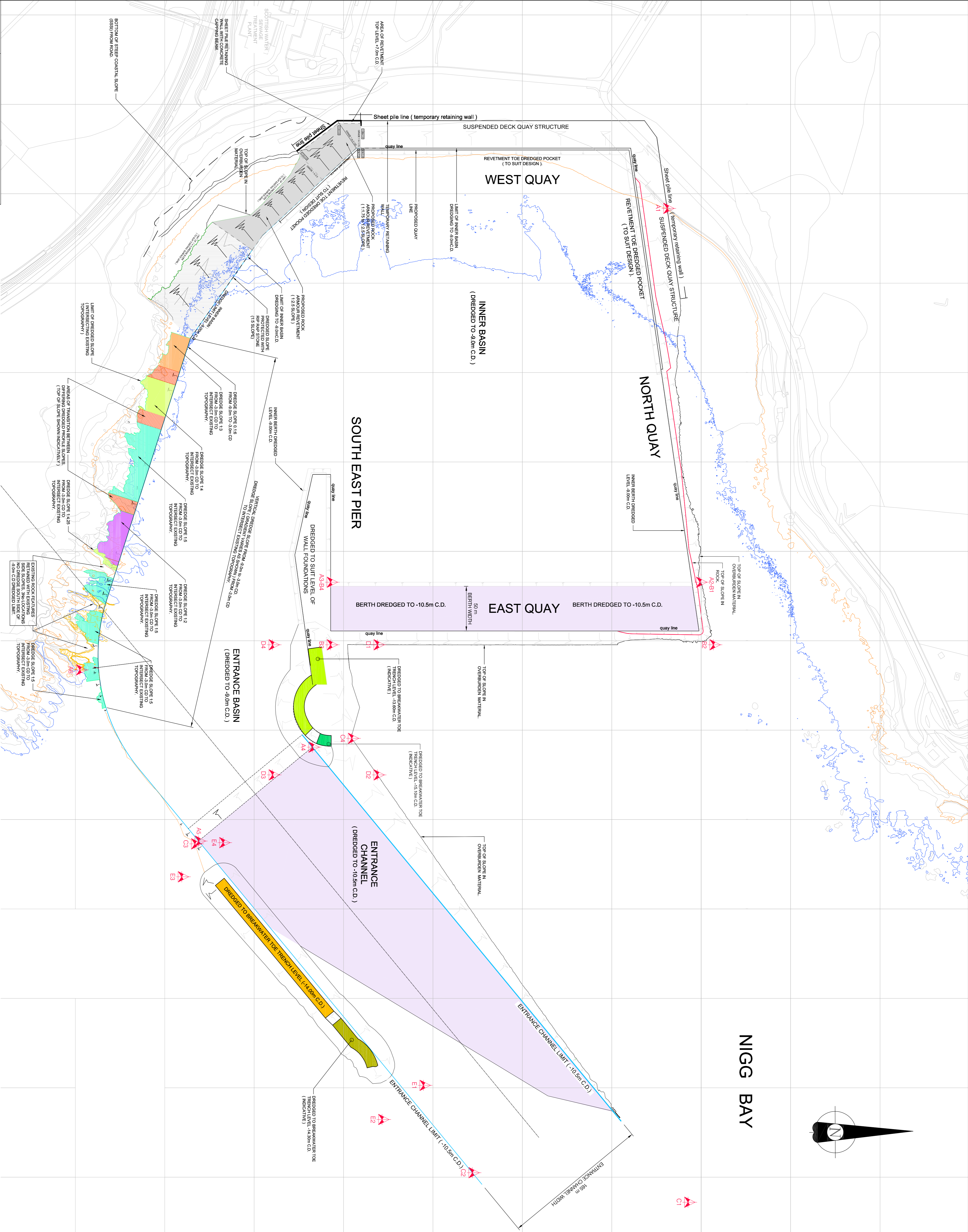
3.3.14. The method of disposal shall be:

BOTTOM DUMPING

3.4. On completion of the licensed activities

- 3.4.1.** The licensee must, within 7 days of completion of the licensed activities, notify the licensing authority of the date of completion of the licensed activities.
- 3.4.2.** The licensee must, within 28 days of completion of the licensed activities or within 28 days of the date of expiry of the licence, whichever is the sooner, submit a written report to the licensing authority stating the nature and quantity of all materials placed and removed under authority of the licence. Where appropriate, nil returns must be provided.
- 3.4.3.** The licensee must, within 28 days of completion of the licensed activities, supply Source Data Receipt, The Hydrographic Office, Admiralty Way, Taunton, Somerset, TA1 2DN (e-mail: sdr@ukho.gov.uk; tel.: 01823 337900) with a copy of the 'as built plans', in order that all necessary amendments to nautical publications are made. The licensee must notify the licensing authority of the notification at the time it is made.
- 3.4.4.** The licensee shall submit written reports, to the licensing authority stating the nature and total quantity, in both cubic metres and wet tonnes, of all substances or objects disposed of under authority of the licence. The written reports shall be submitted to the licensing authority:
- a) by 31 January and 31 July each year, covering the amount deposited each calendar month. Where no deposit is made in a given period a NIL return is required.
 - b) if the licence expires during the course of the calendar year a certified return of quantities of substances or objects deposited shall be submitted not later than 28 working days after the date of expiry of the licence.

The written reports should be submitted on form FEP4. Where appropriate, nil returns shall be provided.



- NOTES...
1. THIS DRAWING TO BE READ IN CONJUNCTION WITH THE RELEVANT ARCH HENDERSON PERFORMANCE SPECIFICATION AND ALL OTHER RELEVANT DOCUMENTS ISSUED BY THE PROJECT MANAGER.
 2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
 3. ALL LEVELS ARE GIVEN IN METRES ABOVE ADMIRALTY CHART DATUM (mC.D.).
 4. CO-ORDINATES ARE TO ORDNANCE SURVEY GRID (O.S.G.B. 1936)

DRAWING LEGEND...

- M.H.W.S
EXISTING MEAN HIGH WATER TIDE LIMIT
- M.L.W.S
EXISTING MEAN LOW WATER TIDE LIMIT
- TOP OF SLOPE - OVERBURDEN MATERIAL (PROPOSED)
- TOP OF SLOPE IN EXISTING ROCK (PROPOSED)
- DREDGED AREA - SETTING OUT POINT and REFERENCE NUMBER
- A1

B	06/05/16	DREDGING CO-ORDINATE C1 REVISED	K.M	TOY
A	06/05/16	DREDGING CO-ORDINATES SHOWN	K.M	TOY
REV	DATE	REVISION DESCRIPTION	ORN	CHK



Arch
1919
Henderson
Marine Works
Aberdeen
Civil Engineers
Architects
Geotechnical Services
Environmental Services

PROJECT :
ABERDEEN HARBOUR BOARD
Aberdeen Harbour Expansion Project

TITLE :
MARINE LICENCE APPLICATION
DREDGING WORKS - GENERAL PLAN

DRAWN:	DATE:	CHECKED:	DATE:
K.M	27-4-16	T.C.Y	27-4-16

SCALE: (A1)	1:2000	DRAWING STATUS:	INFORMATION
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DRAWING No.:	121106 - 1300	REV.:	B
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