

MARINE (SCOTLAND) ACT 2010, PART 4 MARINE LICENSING

LICENCE TO CONSTRUCT, ALTER OR IMPROVE WORKS IN THE SCOTTISH MARINE AREA

Licence Number: **MS-00010144**

The Scottish Ministers (hereinafter referred to as "the Licensing Authority") hereby grant a marine licence authorising:

**AWS Ocean Energy Ltd
Findhorn House
Dochfour Business Centre
Dochgarroch
Inverness
IV3 8GY**

to construct, alter or improve works as described in Part 2. The licence is subject to the conditions set out, or referred to, in Part 3.

The licence is valid from **22 December, 2022** until **30 September, 2023**

Signed:

Debbie England

For and on behalf of the Licensing Authority

Date of issue: 21 December, 2022

1. PART 1 - GENERAL

1.1 Interpretation

In the licence, terms are as defined in Section 1, 64 and 157 of the Marine Scotland Act 2010, and

- a) "**the 2010 Act**" means the Marine (Scotland) Act 2010;
- b) "**Licensed Activity**" means any activity or activities listed in section 21 of the 2010 Act which is, or are authorised under the licence;
- c) "**Licensee**" means AWS Ocean Energy Ltd
- d) "**Mean High Water Springs**" means any area submerged at mean high water spring tide;
- e) "**Commencement of the Licensed Activity**" means the date on which the first vehicle or vessel arrives on the site to begin carrying on any activities in connection with the Licensed Activity;
- f) "**Completion of the Licensed Activity**" means the date on which the Licensed Activity has been installed in full, or the Licensed Activity has been deemed complete by the Licensing Authority, whichever occurs first;

All geographical co-ordinates contained within the licence are in WGS84 format (latitude and longitude degrees and minutes to three decimal places) unless otherwise stated.

1.2 Contacts

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

Marine Scotland
Licensing Operations Team
Marine Laboratory
375 Victoria Road
Aberdeen
AB11 9DB
Email: MS.Marinelicensing@gov.scot

1.3 Other authorisations and consents

The Licensee is deemed to have satisfied itself that there are no barriers or restrictions, legal or otherwise, to the carrying on of the Licensed Activities in connection with the licensed activity. The issuing of the 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 (1) of the 2010 Act the Licensing Authority may by notice vary, suspend or revoke the licence granted by them if it appears to the Licensing Authority that there has been a breach of any of its provisions. For any such other reason that appears to be relevant to the Licensing Authority under section 30(2) or (3) of the 2010 Act. Under the 2010 Act variations, suspensions, revocations and transfers of licences are subject to the procedures set out in section 31 of the Act.

Under section 30 (7) of the 2010 Act, on an application made by a licensee, the Licensing Authority may vary a licence if satisfied that the variation being applied for is not material.

Under section 30 (8) of the 2010 Act, on an application made by the licensee, the Licensing Authority may transfer the 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 inform 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, 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 the provisions of 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 against a decision taken by the Licensing Authority under section 71(1)(b) or (c) or (5) of the Act.

2. PART 2 – PARTICULARS

2.1 Agent

European Marine Energy Centre Ltd
The Charles Clouston Building O.R.I.C., Black Road
Stromness
Orkney
KW16 3AW

2.2 Location of the Licensed Activity

Berth 1, Scapa Flow Test Site, European Marine Energy Centre, Orkney, within the area bounded by joining the following points:

58° 53.950' N 02° 56.500' W
58° 53.170' N 02° 56.500' W
58° 53.170' N 02° 57.500' W
58° 53.950' N 02° 57.500' W

2.3 Description of the Licensed Activity

Construction, alteration and improvement (including decommissioning) of the AWS Ocean Energy Ltd Partial Scale Waveswing Demonstrator

As described in the application dated 18 November, 2022 and correspondence submitted in support of the application.

2.4 Descriptions of the materials to be used during the Licensed Activity

The licence authorises the use of the undernoted construction materials required in connection with the licensed activity, subject to the indicative amounts as specified below:

AWS Ocean Energy Ltd Partial Scale Waveswing Demonstrator and anchoring system comprising of:
Steel - 90 tonnes
Concrete - 250 tonnes
Cable - 170 meters

2.5 Contractor and Vessel Details

3. PART 3 – CONDITIONS

3.1 General Conditions

3.1.1 The Licensee must at all times construct and maintain the works in accordance with the licence, the application and the plans and programmes approved by the Licensing Authority.

3.1.2 All conditions attached to the licence bind any person who for the time being owns, occupies or enjoys any use of the works, whether or not the licence has been transferred to that person.

3.1.3 The Licensee must ensure that only the materials, substances or objects listed in Part 2 of the licence are used during the execution of the Licensed Activity and that all materials, substances or objects used during the execution of the Licensed Activity are inert and do not contain toxic elements which may be harmful to the marine environment, the living resources which it supports or human health.

3.1.4 The Licensee must ensure that the Licensed Activity does not encroach on any recognised anchorage, either charted or noted in nautical publications, within the licensed area.

3.1.5 In the event of any breach of health and safety or environmental obligations relating to the Licensed Activity during the period of the licence, the Licensee must provide written notification of the nature and timing of the incident to the Licensing Authority within 24 hours of the incident occurring. Confirmation of remedial measures taken and/or to be taken to rectify the breach must be provided, in writing, to the Licensing Authority within a period of time to be agreed by the Licensing Authority.

3.1.6 The Licensee must notify Source Data Receipt, The Hydrographic Office, Admiralty Way, Taunton, Somerset, TA1 2DN (e-mail: sdr@ukho.gov.uk; tel.: 01823 484444) of the progress and upon completion of the the Licensed Activity. Such notification must include a copy of the licence, and wherever possible, 'as built plans', in order that all necessary amendments to nautical publications are made.

3.1.7 If it is desired to display any marks or lights not required by the licence then details must be submitted to the Northern Lighthouse Board and its ruling complied with. The display of unauthorised marks or lights is prohibited.

3.1.8 The Licensee must remove the materials, substances or objects from below the level of Mean High Water Springs, or make such alterations as advised by the Licensing Authority, within one month of notice being given by the Licensing Authority at any time it is considered necessary or advisable for the safety of navigation, and not replaced without further approval by the Licensing Authority. The Licensee shall be liable for any expense incurred.

3.1.9 The Licensee must adhere to all mitigation and monitoring as detailed within the Project Environmental Monitoring Plan ("PEMP") (Version 5) submitted on 13 April 2021 submitted in support of the application unless otherwise agreed with the Licensing Authority. The Licensee must submit a written report to the Licensing Authority detailing all monitoring and mitigation implemented during installation, operation and removal activities. The written report must be submitted no later than one calendar month after completion of each phase of the works.

3.1.10 If governmental assistance is required (including UK governmental assistance or the assistance of any UK devolved government) to deal with any emergency arising from:

a) the failure to mark and light the works as required by this licence;

- b) the maintenance of the works; or
- c) the drifting or wreck of the works,

to include the broadcast of navigational warnings, then the Licensee is liable for any expenses incurred in securing such assistance.

3.1.11 Any person authorised by the Licensing Authority must be permitted to inspect the site at any reasonable time.

3.1.12 The Licensee must remove the materials, substances or objects from below the level of Mean High Water Springs, or make such alterations as advised by the Licensing Authority, within one month of notice being given by the Licensing Authority at any time it is considered necessary or advisable for the safety of navigation, and not replaced without further approval by the Licensing Authority. The Licensee shall be liable for any expense incurred.

3.1.13 The Licensee must take all reasonable, appropriate and practicable steps to prevent the introduction and/or spread of invasive non-native species as a result of the Licensed Activity during all stages of the Licensed Activity, including construction and decommissioning.

3.1.14 Should the Licensee proceed to undertake the Licensed Activity under the authority of this licence, the Licensed Activity authorised under the previous marine licence in favour of Fortum Energy UK Limited, dated 30 June 2022 (MS-00009926) is not permitted.

3.2 Prior to the commencement of the Licensed Activity

3.2.1 The Licensee must complete and submit a proposed activity form in the online Marine Noise Registry for all Licensed Activities that will produce loud, low to medium frequency (10Hz-10kHz) impulsive noise no later than seven days prior to commencement of the Licensed Activity. If any aspects of the Licensed Activity differs from the proposed activity form in the online marine noise registry, the Licensee must complete and submit a new proposed activity form no later than seven days prior to commencement of the Licensed Activity.

3.2.2 The Licensee must provide the name and function of any agent, contractor or sub-contractor appointed to undertake the Licensed Activities, as soon as is reasonably practicable prior to the Licensed Activities commencing.

3.2.3 The Licensee must notify the Licensing Authority in writing of the name and address of any agent, contractor or sub-contractor not already listed in Part 2 of the licence being used to carry out any Licensed Activity listed in Part 2 of the licence. Such notification must be received by the Licensing Authority no less than 24 hours before the commencement of the Licensed Activity.

3.2.4 The Licensee must, prior to and no less than seven calendar days before the Commencement of the Licensed Activity, notify the Licensing Authority, in writing, of the date of Commencement of the Licensed Activity authorised under the licence.

3.2.5 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.

3.2.6 The Licensee must issue a Notice to Mariners in advance of the Commencement of the works, clearly stating the nature and duration of the works and to include details of the navigational lighting and marking provided on the

Test Support Buoy and West Cardinal/Special Marker Buoy.

3.2.7 The Licensee must issue local notification to marine users – including fisherman’s organisations, neighbouring port authorities and other local stakeholders – to ensure that they are made fully aware of the Licensed Activity.

3.2.8 There must be no Commencement of the Licensed Activity unless a Decommissioning Programme ("DP") has been submitted to and approved in writing by the the Licensing Authority. The DP must outline measures for the decommissioning of the works, restoration of the sea bed and will include without limitation, proposals for the removal of the works, the management and timing of the removal and environmental management provisions. The works must be decommissioned in accordance with the approved DP unless otherwise agreed by the Licensing Authority.

3.2.9 The Licensee must, no later than one calendar month prior to commencement of the Licensed Activity, or at an alternative date as agreed with the Licensing Authority, submit an Emergency Response Co-operation Plan ("ERCoP") to the Licensing Authority for its written approval. The ERCoP must be in line with the EMEC overarching ERCoP and be agreed with the Offshore Energy Liaison Officer, HM Coastguard, MCA (oelo@mcga.gov.uk) prior to submission.

3.2.10 The Licensee must, no later than 3 calendar months prior to the Commencement of the Works, provide the Licensing Authority with Third Party Certification or Verification ("TPC" or "TPV") (or a suitable alternative as agreed in writing with the Licensing Authority. The TPV or TPC must either cover the entirety of the works for the lifespan of the works or, where the licensee can demonstrate to the Licensing Authority that this is not possible, set out the initial TPC or TPV as far as reasonably practicable and clearly document the timeframe for submission of all further TPC or TPV to cover the entirety of the works for the lifespan of the works. In this condition, the term "lifespan" means the entire period that this licence remains in force or until the works have been decommissioned in accordance with an approved DP prior to this date.

The TPC or TPV should follow the guidance provided in the Offshore wind, wave and tidal energy applications: consenting and licensing manual published by Marine Scotland or any other relevant document which may supersede this. There must be no Commencement of the Works unless the TPC or TPV is provided as described above unless otherwise agreed with the Licensing Authority.

3.3 During the Licensed Activity

3.3.1 The Licensee must ensure that the Licensed Activity is maintained at all times in good repair.

3.3.2 The Licensee must ensure that only those agents, contractors or sub-contractors notified to the Licensing Authority are permitted to undertake the works and/or Licensed Activities.

3.3.3 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 acting on behalf of the Licensee; and c) site of the Licensed Activity.

3.3.4 The Licensee must ensure that the West Cardinal or Special Mark Buoy is of the appropriate colour and fitted with the correct top-mark with a radar reflector fitted to the Buoy. The buoy should be lit, displaying the appropriate flash character for the type. If a Special Mark Buoy is deployed, this should display one yellow flash every 5 seconds. A West Cardinal Buoy should display 9 quick flashes every 15 seconds or 9 very quick flashes every 10 seconds. The light should have a nominal range of 2 nautical miles.

3.3.5 Should the works be discontinued prior to completion of the works, the Licensee must inform the Licensing Authority in writing of the discontinuation of the works. The materials used under the authority of the licence shall be removed to the satisfaction of the Licensing Authority.

3.3.6 The Licensee must ensure the best method of practice is used to minimise re-suspension of sediment during the Licensed Activity.

3.3.7 The Licensee must ensure appropriate steps are taken to minimise damage to the seabed by the Licensed Activity.

3.3.8 The Licensee must ensure that any debris or waste materials arising during the course of the Licensed Activity are removed from the site of the works for disposal at an approved location above the tidal level of Mean High Water Springs.

3.4 Upon Completion of the Licensed Activity

3.4.1 The Licensee shall ensure that at least three months prior to the expiry of the licence, the works must be altered by taking all materials and structures to a place above Mean High Water Springs.

3.4.2 The Licensee must, no later than 14 days following the Completion of the Licensed Activity notify the Licensing Authority, in writing, of the date of the Completion of the Licensed Activity.

3.4.3 The Licensee must submit written reports to the Licensing Authority stating the exact location of the moorings and the nature and total quantity of all materials and structures used in the construction of the works. The written report must be submitted to the Licensing Authority within one month of construction.

3.4.4 The Licensee must take all reasonable, appropriate and practicable steps to ensure the removal of all substances and objects, and restore the site to its original condition, in accordance with the PEMP and the DP to the satisfaction of the Licensing Authority.

NOTES

1. You are deemed to have satisfied yourself that there are no barriers, legal or otherwise, to the carrying out of the licensed activity. The issue of the licence does not absolve the licensee from obtaining such authorisations, consents etc which may be required under any other legislation.
2. In the event that the licensee wishes any of the particulars set down in the Schedule to be altered, the licensing authority must be immediately notified of the alterations. It should be noted that changes can invalidate a licence, and that an application for a new licence may be necessary.