# Schedule of Accreditation

**issued by**

# United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**2625**
**Accredited to**
**ISO/IEC 17025:2017**

## The European Marine Energy Centre Limited

**Issue No:** 013 **Issue date:** 25 February 2022


**The Charles Clouston Building, ORIC**
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**Orkney**
**KW16 3AW**

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**Testing performed by the Organisation at the locations specified below**

**Locations covered by the organisation and their relevant activities**

**Laboratory locations:**

| Location details | | Activity | Location code |
|---|---|---|---|
| **Address**<br>Billia Croo<br>Orkney | **Local contact**<br>Lesley Bews<br>Lesley.Bews@emec.org.uk | Electrical power output corresponding to measured wave condition | A |
| **Address**<br>Fall of Warness<br>Eday<br>Orkney | **Local contact**<br>Lesley Bews<br>Lesley.Bews@emec.org.uk | Electrical power output corresponding to measured tidal conditions | B |

**Site activities performed away from the locations listed above:**

| Location details | | Activity | Location code |
|---|---|---|---|
| Any location Remote sites assessed to be suitable by the test lab | **Local contact**<br>Lesley Bews<br>Lesley.Bews@emec.org.uk | Electrical power output corresponding to measured tidal conditions | C |
| Any location Remote sites assessed to be suitable by the test lab | Lesley Bews<br>Lesley.Bews@emec.org.uk | Electrical power output corresponding to measured wave condition | |

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DETAIL OF ACCREDITATION

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|---|---|---|---|
| Tidal Energy Conversion Systems | Electrical power output corresponding to measured tidal conditions at the stated location | Voltage up to 66kV nominal AC at 50Hz or 60Hz on 3-phase or 1-phase systems compliant with relevant local grid requirements.<br><br>**In-house documented methods based on the relevant sections of the following standards:**<br><br>*Assessment of Performance of Tidal Energy Conversion Systems ISBN 978-0-580-65031-4*<br><br>*IEC/TS 62600-200 (2013) Marine energy - Wave, tidal and other water current converters - Part 200: Electricity producing tidal energy converters - Power performance assessment*<br><br>*IEC TS 62600-201: (2015) Marine energy - Wave, tidal and other water current converters - Part 201: Tidal energy resource assessment and characterization*<br><br>[1] Excludes any criteria for reporting of local meteorological conditions. | B, C |

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**Testing performed by the Organisation at the locations specified**

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|---|---|---|---|
| Wave Energy Conversion Systems | Electrical power output corresponding to measured wave conditions at the stated location | Voltage up to 66kV nominal AC at 50Hz or 60Hz on 3-phase or 1-phase systems compliant with relevant local grid requirements<br><br>**In-house documented methods based on the relevant sections of the following standards:**<br><br>*Assessment of Performance for Wave Energy Conversion SystemsISBN 978-0-580-65549-4.*<br><br>*IEC/TS 62600-100 (2012) Marine energy - Wave, tidal and other water current converters - Part 100: Electricity producing wave energy converters - Power performance assessment.*<br><br>*IEC/TS 62600-101: (2015) Marine energy - Wave, tidal and other water current converters - Part 101: Wave energy resource assessment and characterization.*<br><br>[1] Excludes any criteria for reporting of local meteorological conditions. | A, C |
| END | | | |