

C/O: Mr Jack Farnham
Östgötagatan 100
SE-166 64
Stockholm
Sweden

FAO: Ms Jessica Drew
Marine Licensing Casework Officer
Marine Scotland – Marine Planning & Policy Division
Scottish Government
Marine Laboratory, 375 Victoria Road
Aberdeen
AB11 9DB

Our Ref: 03363-001000

17th October 2016

RE: Dounreay Tri Floating Wind Demonstration Project, Dounreay, Caithness - Applications for Section 36 consent and associated deemed planning, Marine Licence consents and a Section 36A declaration

Dear Jessica

In accordance with the following legislation:

- ELECTRICITY ACT 1989;
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- Two Marine Licences pursuant to Section 20 of the Marine (Scotland) Act (the “2010 Act”) for the deposit of substances and objects and the construction, alteration or improvements of works within the Scottish Marine Area in relation to the Windfarm; and
- Consent under Section 36 of the Electricity Act 1989 (the “1989 Act”) for the construction and operation of a Generating Station (“Section 36 Consent”); and
- A Direction Under Section 57 Of The Town And Country Planning (Scotland) Act 1997 (As Amended) That Planning Permission For The Ancillary Onshore Development Be Deemed To Be Granted; and
- A declaration, pursuant to Section 36A of the Electricity Act to extinguish public rights of navigation so far as they pass through those places within the Scottish Marine Area where the single structure forming part of the offshore Windfarm is to be.

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Dounreay Tri Limited is seeking to construct and operate the Dounreay Tri Floating Wind Demonstration Project (the Project) approximately 6km from the coast of Dounreay. The Project will include:

- A single floating platform hosting two wind turbines each with an installed capacity of up to 6MW. Each turbine will have a maximum hub height of 124m above Lowest Astronomical Tide (LAT), a maximum tip height of 201m above LAT, including the platform;
- Installation (deposit) of two wind turbines, a floating platform, anchors, a mooring system and crushed rock – the subject of a Marine Licence Application (1);
- Installation (deposit) of a single export cable (and scour protection, if required) to bring the power to shore immediately to the west of the Dounreay Restoration Site fence line – the subject of the Marine Licence Application (2); and
- The associated onshore electrical infrastructure to connect the Project at, or near, the existing Dounreay 132/33/11kV substation – the subject of the deemed planning request.

Consent is required for a total period of 25 years.

Dredging may be required beneath the platform. Dounreay Tri Limited may request a Marine Licence to dredge an area beneath the platform. The need for dredging shall not be confirmed until the detailed design of the platform has progressed further. If dredging is required then Dounreay Tri Limited understands that core samples must be collected, analysed and provided to MS-LOT prior to any Marine Licence application for dredging. Any dredging licence application would be considered separately and subject to additional consultation.

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| Corner | Latitude | Longitude |
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| NE | 58°40'27.7" | 3°48'25.7" |
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| Point | Latitude | Longitude |
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| West | 58°34'47.4" | 3°46'23.7" |
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The onshore search area extends landward of the export cable corridor, to the west and south west of the Dounreay Restoration Site fence line. The coordinates for the extent of the onshore search area are as follows:

| Point | Latitude | Longitude |
|-------|-------------|------------|
| West | 58°34'47.4" | 3°46'23.7" |
| South | 58°34'56.9" | 3°45'56.7" |
| East | 58°34'58.1" | 3°44'91.2" |
| North | 58°34'26.7" | 3°45'43.3" |

Documentation Enclosed and Application Fee

Dounreay Tri Ltd has provided the following information in compliance with Marine Scotland's checklist for submission:

- Application Covering Letter (this letter);
- **Marine Licence Application form (1)** for the Dounreay Tri Floating Wind Demonstration Project (Platform & Mooring System which includes a plinth of crushed stone on the seabed immediately beneath the Platform);
- **Marine Licence Application form (2)** for the Dounreay Tri Floating Wind Demonstration Project (Export Cable);
- An electronic copy of the Dounreay Tri Floating Wind Demonstration Project Environment Statement (ES); comprising of:
 - Non-Technical Summary;
 - Environmental Statement; and
 - Technical Appendices.
- An electronic copy of the Dounreay Tri Floating Wind Demonstration Project Habitats Regulations Assessment (See Technical Appendix 2.1);
- Project Drawings, Maps and Charts (contained within the ES - Volume 1: Introduction and Background);
- Method Statement (contained within the ES - Project Description, Section 4, Volume 1: Introduction and Background);
- A copy of the public notice associated with this application, which will be advertised in the following publications:
 - The Caithness Courier (Wednesday 19th October 2016);
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This application and supporting documentation is available in electronic format online on the following website: www.hexicon.eu

I trust that the documentation provided meets with your requirements and we look forward to receiving your formal acceptance of the Application.

If I can be of any further assistance, please do not hesitate to contact me.

Yours sincerely,

[REDACTED]

Marcus Thor

Project Director

For and on behalf of Dounreay Trì Limited.

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C/O: Mr Jack Farnham
Östgötagatan 100
SE-166 64
Stockholm
Sweden

FAO: Ms Jessica Drew
Marine Licensing Casework Officer
Marine Scotland – Marine Planning & Policy Division
Scottish Government
Marine Laboratory, 375 Victoria Road
Aberdeen
AB11 9DB

Our Ref: 03363-001000

17th October 2016

RE: Dounreay Tri Floating Wind Demonstration Project, Dounreay, Caithness - Applications for Section 36 consent and associated deemed planning, Marine Licence consents and a Section 36A declaration

Dear Jessica

In accordance with the following legislation:

- ELECTRICITY ACT 1989;
- THE ELECTRICITY WORKS (ENVIRONMENTAL IMPACT ASSESSMENT)(SCOTLAND) REGULATIONS 2000;
- MARINE (SCOTLAND) ACT 2010;
- THE MARINE WORKS (ENVIRONMENTAL IMPACT ASSESSMENT) REGULATIONS 2007; and
- TOWN AND COUNTRY PLANNING (SCOTLAND) ACT 1997.

Dounreay Tri Limited (the Applicant) requests:

- Two Marine Licences pursuant to Section 20 of the Marine (Scotland) Act (the “2010 Act”) for the deposit of substances and objects and the construction, alteration or improvements of works within the Scottish Marine Area in relation to the Windfarm; and
- Consent under Section 36 of the Electricity Act 1989 (the “1989 Act”) for the construction and operation of a Generating Station (“Section 36 Consent”); and
- A Direction Under Section 57 Of The Town And Country Planning (Scotland) Act 1997 (As Amended) That Planning Permission For The Ancillary Onshore Development Be Deemed To Be Granted; and
- A declaration, pursuant to Section 36A of the Electricity Act to extinguish public rights of navigation so far as they pass through those places within the Scottish Marine Area where the single structure forming part of the offshore Windfarm is to be.

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Dounreay Tri Limited is seeking to construct and operate the Dounreay Tri Floating Wind Demonstration Project (the Project) approximately 6km from the coast of Dounreay. The Project will include:

- A single floating platform hosting two wind turbines each with an installed capacity of up to 6MW. Each turbine will have a maximum hub height of 124m above Lowest Astronomical Tide (LAT), a maximum tip height of 201m above LAT, including the platform;
- Installation (deposit) of two wind turbines, a floating platform, anchors, a mooring system and crushed rock – the subject of a Marine Licence Application (1);
- Installation (deposit) of a single export cable (and scour protection, if required) to bring the power to shore immediately to the west of the Dounreay Restoration Site fence line – the subject of the Marine Licence Application (2); and
- The associated onshore electrical infrastructure to connect the Project at, or near, the existing Dounreay 132/33/11kV substation – the subject of the deemed planning request.

Consent is required for a total period of 25 years.

Dredging may be required beneath the platform. Dounreay Tri Limited may request a Marine Licence to dredge an area beneath the platform. The need for dredging shall not be confirmed until the detailed design of the platform has progressed further. If dredging is required then Dounreay Tri Limited understands that core samples must be collected, analysed and provided to MS-LOT prior to any Marine Licence application for dredging. Any dredging licence application would be considered separately and subject to additional consultation.

The offshore site is square. The coordinates of each corner are as follows:

| Corner | Latitude | Longitude |
|--------|-------------|------------|
| NW | 58°40'25.6" | 3°53'36.0" |
| NE | 58°40'27.7" | 3°48'25.7" |
| SE | 58°37'46.0" | 3°48'22.0" |
| SW | 58°37'44.0" | 3°53'31.9" |

The export cable corridor connects the NE and SW corners of the site to the shore (Mean High Water Springs (MHWS)). The coordinates of these four points are as follows:

| Point | Latitude | Longitude |
|-------|-------------|------------|
| NW | 58°37'44.0" | 3°53'31.9" |
| NE | 58°40'27.7" | 3°48'25.7" |
| SE | 58°37'46.0" | 3°45'34.3" |
| SW | 58°34'28.9" | 3°46'14.2" |



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Yours sincerely,

[Redacted signature]

Marcus Thor

Project Director

For and on behalf of Dounreay Trì Limited.

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