

**THE OFFSHORE PETROLEUM PRODUCTION AND PIPE-LINES (ASSESSMENT OF ENVIRONMENTAL EFFECTS) REGULATIONS 1999 (AS AMENDED)**

**PETROLEUM OPERATIONS NOTICE No.16**

**APPLICATION FOR CONSENT OF A PROJECT UNDER THE PETROLEUM ACT 1998 OR THE ENERGY ACT 2008**

**SUBMISSION OF AN ENVIRONMENTAL STATEMENT IN SUPPORT OF THE APPLICATION FOR CONSENT**

**DATA ON THIS FORM MAY BE RELEASED TO THE PUBLIC**

Petroleum Operations Notice No.16 (the PON16) is the form of application where a consent is required under the Petroleum Act 1998 or the Energy Act 2008 and must be submitted to accompany an Environmental Statement (ES).

Upon receipt of the PON16 and accompanying ES, the Department will issue the applicant with a notice pursuant to Regulation 9(1) of the Offshore Petroleum Production and Pipe-lines (Assessment of Environmental Effects) Regulations 1999 (as amended), detailing those authorities to whom you are required to send copies of the PON16 and the ES and that representations may be made to the Secretary of State by a specified date.

Any queries regarding the PON16 form, or a PON16 or ES relating to a specific application, should be addressed to:

Environmental Management Team  
Energy Development Unit  
Department of Energy and Climate Change  
Atholl House  
86-88 Guild Street  
Aberdeen  
AB11 6AR

Tel: 01224 254050 or 254045  
Fax: 01224 254019  
E-mail: [EMT@decc.gsi.gov.uk](mailto:EMT@decc.gsi.gov.uk)

## **Section A: ADMINISTRATIVE INFORMATION**

### **A1 - Applicant Contact Details**

Company name: **Zennor Pathway Limited**

Contact name: **Scott McKelvie**

Contact title: **EHS Manager**

Address:

**First Floor, Hays House  
Millmead  
Guildford  
Surrey**

Post code: **GU2 4HJ**

Telephone number: **01483 500930**

Mobile number: **07920 056643**

Fax number: **01483 500931**

E-mail address: **smckelvie@zennorpetroleum.com**

### **A2 - Licensed Operator Contact Details (if different from above)**

Company name:

Contact name:

Contact title:

Address:

Post code:

Telephone number:

Mobile number:

Fax Number:

Email address:

**A3 - Environmental Statement Contact Details (if different from above)**

Company name: **Orbis Energy Limited**

Contact name: **Susanna Black**

Contact title: **Consultant**

Address:  
**71-75 Shelton Street  
Covent Garden  
London**

Post code: **WC2H 9JQ**

Telephone number: **020 7470 8795**  
Email address: **susanna@orbisltd.com**

**A4 - Licence Details**

a) **Licence Covering Proposed Activity or Activities**

Licence number: **P2013**

b) **Date and/or Round of Licence Award**

Round / Year: **27<sup>th</sup> Round / 2013**

c) **Partner Licensees and Current Equity**

| <b>Company</b>                | <b>Percentage Equity</b> |
|-------------------------------|--------------------------|
| <b>Zennor Pathway Limited</b> | <b>100%</b>              |
|                               |                          |
|                               |                          |
|                               |                          |

Please extend table if necessary.

## Section B: PROJECT INFORMATION

### **B1 - Nature of Project**

a) **Please specify the name of the project that is the subject of the application for consent under the Petroleum Act 1998 or the Energy Act 2008.**

Name: **Finlaggan field development**

b) **Please specify the name of the Environmental Statement (if different from the project name)**

Name:

c) **Please indicate the primary nature of the project (select one option)**

~~(i) Drilling of Well(s)~~

~~(ii) Construction of Pipeline(s)~~

**(iii) Getting of Petroleum<sup>1</sup>**

~~(iv) Unloading or Storage of Natural Gas~~

~~(v) Storage of Carbon Dioxide~~

~~(vi) Other (please specify)~~

d) **Please indicate the main elements of the project (select all relevant elements)**

~~(i) Exploration Well(s)~~

~~(ii) Appraisal Well(s)~~

**(iii) Development Well(s)**

~~(iv) Well Testing (including Trial Injection or Production Operations)~~

**(v) Construction, Repair or Replacement of Inter or Intra-field Pipelines**

~~(vi) Construction, Repair or Replacement of Import or Export Pipelines~~

~~(vii) Establishment or Extension of Surface Installation~~

**(viii) Establishment or Extension of Subsea Installation**

**(ix) Petroleum<sup>1</sup> Field Development**

~~(x) Petroleum<sup>1</sup> Field Development – Incremental Project~~

~~(xi) Petroleum<sup>1</sup> Field Re-development~~

**(xii) Petroleum<sup>1</sup> Production**

~~(xiii) Petroleum<sup>1</sup> Production – Extension (Increase in Production)~~

~~(xiv) Unloading of Natural Gas~~

~~(xv) Storage of Natural Gas~~

~~(xvi) Storage of Carbon Dioxide~~

~~(xvii) Other (please specify)~~

**B2 - Project Location**

a) **Please indicate the offshore location of the main project elements**

Quadrant number: **21**

Block number: **5**

Block suffix (if applicable): **c**

Latitude **57° 58' 10.475" N** Longitude **00° 53' 39.098" E** (**ED50 UTM Zone 31N**)  
(Please include N and W / E designations)

Distance to nearest UK coastline (km): **183**

Which coast? ~~England / Wales /~~ **Scotland** / ~~NI~~

Distance to nearest international median line (km): **37**

Which line? **UK / Norway**

b) **Please indicate the location of main pipeline elements (if applicable)**

|              | <b>Quad</b> | <b>Block</b> | <b>Country</b>  | <b>Facility</b>                     | <b>Latitude</b>          | <b>Longitude</b>         |
|--------------|-------------|--------------|-----------------|-------------------------------------|--------------------------|--------------------------|
| <b>Start</b> | <b>21</b>   | <b>5</b>     | <b>Scotland</b> | <b>Finlaggan subsea development</b> | <b>57° 58' 10.475" N</b> | <b>00° 53' 39.098" E</b> |
| <b>End</b>   | <b>16</b>   | <b>26</b>    | <b>Scotland</b> | <b>Britannia platform</b>           | <b>58° 02' 51.395" N</b> | <b>01° 08' 29.132" E</b> |

**ED50 UTM Zone 31N**

Please extend table if necessary.

### **B3 – Description of Project**

a) **Please provide a brief description of the project**

Zennor Pathway Limited (hereafter referred to as 'Zennor') is the licence operator of United Kingdom Continental Shelf (UKCS) Licence P2013, which contains the Finlaggan field, located in Block 21/05c in the central North Sea.

The Finlaggan field was originally discovered by ConocoPhillips in 2005 and was appraised by Zennor in Q2 2016. Zennor is now proposing to develop the Finlaggan field and is progressing with engineering studies with the aim to deliver first production from Finlaggan in 2020.

The development concept for Finlaggan comprises a subsea manifold and two production wells tied back via a production pipeline to ConocoPhillips (U.K.) Britannia Limited's (CBL) Britannia platform located in UKCS Block 16/26, approximately 17 kilometres to the north east of Finlaggan.

Reservoir fluids (gas and condensate) will be processed on the Britannia platform and exported to shore via existing infrastructure. Produced water will be discharged at the Britannia platform via existing facilities.

Finlaggan peak production day rates are anticipated to be 2.3 million cubic metres (80 million standard cubic feet) per day of gas and 716 cubic metres (4,500 barrels) of condensate per day by around Year 2 (P10 case). The peak produced water rate for the P10 case is around 270 cubic metres (1,700 standard barrels) per day of water in Year 11; however, the worst case volume is actually associated with the P90 case, with a peak of 557 cubic metres (3,500 barrels) of water per day in Year 7.

The Finlaggan subsea infrastructure will have a design life of 15 years and the economic field life is expected to be of the order of 10 years. On cessation of production, the Finlaggan facilities will be decommissioned in accordance with the requirements of the prevailing UK and International law.

b) **Please indicate the anticipated duration of any related offshore construction activities**

From: **Q3 2018**

To: **Q4 2020**

### **B4 - Related Projects**

a) **If the project relates to the repair, replacement, re-development or extension of an existing or previous development, e.g. an incremental field development or the conversion of an oil or gas development into a storage facility, please provide details of the original project**

Name of project: **N/A**

Was the project the subject of a previous Environmental Statement? ~~Yes / No~~

~~Date of submission to DECC of any previous ES relating to the existing or previous development:~~

~~Reference number of previous ES:~~

b) **If the project involves connection to an existing “host” facility, that will be integral to the project, please provide details of the host installation**

Name of host installation: **Britannia Platform**

Names of any existing oil and gas fields, or unloading or storage facilities, associated with the host installation: **Britannia, Caledonia, Callanish, Brodgar, Enochdhu and Alder fields.**

Was the host facility the subject of a previous Environmental Statement? ~~Yes/~~ **No**

Date of submission to DECC of any previous ES relating to the host installation or associated facilities:

**Britannia – n/a (consent granted 1994)**

**Caledonia – ES submission date not known (consent granted 2001)**

**Callanish & Brodgar – ES submission date not known (consent granted 2004)**

**Enochdhu – ES submission July 2011**

**Alder – ES submission March 2012**

Reference number of any previous ES:

**Enochdhu - D/4100/2010**

**Alder - D/4117/2011**

## Section C: ENVIRONMENTAL IMPACT INFORMATION

Please summarise any significant environmental impacts identified in the Environmental Statement

1. 

No significant environmental impacts have been identified.
  
2.
  
3.

Please add extra text boxes if necessary

1. As defined in Part 1, Section 1 of the Petroleum Act 1998.