<u>Official Statistics: Rural housing</u> statistics

Updated: Published today, latest data on housing availability and affordability in rural areas.

Availability and affordability of housing in rural and urban areas and the proportion of people who are in need of permanent accommodation.

Metadata

Indicators:

- house building per 1,000 population
- net additions to housing stock
- homeless and in priority need per 1,000 households
- people in temporary accommodation per 1,000 households
- ratio of lower quartile house prices to lower quartile earnings

Data source: Department for Communities and Local Government

Coverage: England

Rural classification used: Local Authority Rural-Urban Classification

Next release date: tbc

Additional information:

- <u>Dwelling stock statistics</u>
- House building statistics

Defra statistics: rural

Email

rural.statistics@defra.gsi.gov.uk

You can also contact us via Twitter: https://twitter.com/DefraStats

Statutory guidance: Regulatory

guidance for installations: the greenhouse gas emissions trading scheme

Updated: Regulatory guidance for installations updated to reflect changes to the revised 2018 scheme year reporting and surrender deadlines in the UK Regulations which came into force 27 December 2017, as well as our updated Enforcement and Sanctions policy.

This guidance aims to provide help for those operating or regulating activities that are covered by the Greenhouse Gas Emissions Trading Scheme Regulations 2012.

This guidance applies to Phase III of the european union emissions trading scheme (EU ETS) only (which commences on 1 January 2013) and excludes aviation, for which there is separate guidance.

To ensure this guidance is current and up to date, it will be updated from time to time.

National Statistics: Food chain productivity

Updated: Amended chart 4 Retail.

The total factor productivity of the United Kingdom food chain is examined within the four main food industry sectors and compared to the wider economy. Total factor productivity relates the volume of output to the volume of labour, capital and purchases, and so can provide a measure of efficiency. Total factor productivity provides a comprehensive picture of growth. Presented as an index, it relates major inputs of labour, intermediate purchases and capital consumption to outputs (turnover). There is a practical upper limit on the quantity of food that people in the UK want to consume but increases in outputs can be achieved by increases in the quality of foods (value added) and by increases in exports. Increases in total factor productivity can be achieved through increases in outputs and/or by reductions in inputs.

Next update: see the <u>Statistics release calendar</u>

Defra statistics: family food

Email
familyfood@defra.gsi.gov.uk

You can also contact us via Twitter: https://twitter.com/DefraStats

Research and analysis: Energy Companies Obligation (ECO) brokerage results

Updated: ECO brokerage results 16 October 2018 published

Brokerage operates as a fortnightly anonymous auction where providers of the Energy Companies Obligation (ECO) can sell 'lots' of ECO Carbon Saving Obligation, ECO Carbon Saving Communities and ECO Affordable Warmth, to energy companies in return for ECO subsidy.

The results from auctions 1 (15 January 2013) to 44 (23 September 2014) and 77 (9 February 2016) onwards show the number of lots submitted. However the results from auctions 45 (7 October 2014) to 76 (26 January 2016), reflect the number of bids submitted.

No auction took place for the following auction numbers, because no lots were submitted for them:

- 135 (29 May 2018)
- 134 (15 May 2018)
- 133 (1 May 2018)
- 132 (19 April 2018)
- 130 (20 March 2018)
- 129 (6 March 2018)

Detailed guide: Oil and gas:

decommissioning of offshore installations and pipelines

Updated: Approval of Close out Report

Overview

The decommissioning of offshore oil and gas installations and pipelines on the United Kingdom Continental Shelf (UKCS) is controlled through the Petroleum Act 1998.

The responsibility for ensuring that the requirements of the Petroleum Act 1998 are complied with rests with the Offshore Petroleum Regulator for Environment and Decommissioning (OPRED) which sits within the Department for Business, Energy and Industrial Strategy.

Owners of oil and gas installations and pipelines are required to decommission their offshore infrastructure at the end of a field's economic life and the 1998 Act requires owners to set out the measures to decommission disused installations and/or pipelines in a decommissioning programme.

A decommissioning programme must identify all the items of equipment, infrastructure and materials that have been installed or drilled and describe the decommissioning solution for each.

OPRED aims to be transparent in its consideration of decommissioning programmes. As a result members of the public, other organisations, non-governmental organisations and other government departments or agencies are invited to comment on the proposals set out in a programme.

Details of the current programmes under consideration are noted in the table below.

OPRED provides guidance on the regulatory requirements for decommissioning, Offshore Oil and Gas Decommissioning Guidance Notes May 2018 (PDF, 1.09MB, 124 pages)

. Final guidance on the Environmental Considerations for Decommissioning (section 12) will follow shortly, meantime draft guidance can be found here: Section 12

(MS Word Document, 142KB)

Table of draft decommissioning programmes under

consideration

| Field Name | Field Operator | Status | Main points of the programme | Details |
|--|----------------------------------|--------|---|--|
| Viking VDP2 (Viking Bravo Hub, Viking Satellites KD, LD, AR and Vixen VM) | ConocoPhillips (U.K.) Limited | | Removal to shore of the Viking Bravo Hub and Viking Satellites KD, LD and AR topsides and jackets and Victor JM subsea manifold for recycling/disposal. Wells to be plugged and abandoned. Pipelines to be decommissioned in situ. All mattresses on pipelines to remain in situ. | (PDF, 3.09MB, 167 pages) |
| Viking VDP3 (Victor JD and JM) | ConocoPhillips (U.K.) Limited | | Removal to shore of the Victor JD topsides and jackets and Victor JM subsea manifold for recycling/disposal. Wells to be plugged and abandoned. Pipelines to be decommissioned in situ. All mattresses on pipelines to remain in situ. | VDP3 Comparative Assessment (PDF, 3.09MB, 167 pages) |

<u>Dunlin Alpha</u> <u>Decommissioning</u> P<u>rogramme</u> (PDF, 6.5MB, 77 pages)

Draft Dunlin Alpha Fairfield programme Field Betula Limited under consideration

Decommissioning in situ of Dunlin Alpha concrete gravity based structure and storage cells. Full <u>Assessment</u> removal of Dunlin Alpha topsides for (PDF, 3.66MB,

Dunlin Alpha <u>Decommissioning</u> <u>Comparative</u> Report reuse or recycling. 133 pages)

> Dunlin Alpha <u>Decommissioning</u> **Environmental Appraisal** (PDF, 5.04MB, 155 pages)

Beatrice

<u>Beatrice</u>

Beatrice

<u>Assessment</u>

Environmental

<u>Decommissioning</u>

Topsides, jackets and the drilling template will be removed and recycled or

disposed onshore.

Wells will be <u>Programme</u> plugged and (PDF, 5.13MB, abandoned. Trenched 81 pages)

and buried pipelines will

remain in situ. Any exposed sections will undergo

<u>Comparative</u> <u>Assessment</u> trenching and Report

(PDF, 3.3MB, 98 covering or be cut out and removed to pages)

shore. A small section of drill cuttings will be left in situ.

Concrete mattresses Report and grout bags will (PDF, 15.9MB, be recovered to 255 pages)

shore for reuse, recycling or disposal.

Beatrice Field

Repsol Sinopec Resources UK Limited

Draft programmes under

consideration burial, rock

<u>Installations</u> **Decommissioning Programme** Removal to shore of (PDF, 1.86MB, the Tyne South 40 pages) Draft topsides, jacket Tyne South Perenco UK programmes and subsea Installations Limited under installation for consideration re-use or Tyne South <u>Installations</u> recycling. **Environmental Impact** <u>Assessment</u> (PDF, 8.75MB, 223 pages) <u>Guinevere</u> <u>Installation</u> <u>Decommissioning</u> **Programme** (PDF, 1.68MB, Removal to shore of 41 pages) Draft the Guinevere Guinevere Perenco UK programmes topsides and jacket Installation Limited under for re-use or consideration recycling. Guinevere <u>Installation</u> <u>Environmental</u> Impact <u>Assessment</u>

Tyne South

(PDF, 5.95MB, 149 pages)

| Curlew and Curlew C | Shell (U.K.) | Draft programmes | the Curlew FPSO, mid-water arch and mooring system for recycling/disposal. Removal to shore of subsea manifold, Curlew C WHPS and subsea pipeline structures for recycling/disposal. Subsea wells to be plugged and | Curlew and Curlew C Decommissioning Programmes (PDF, 2.49MB, 61 pages) Curlew and Curlew C |
|------------------------|--------------|------------------------|--|--|
| Fields | Limited | under consideration | abandoned. All trenched and buried pipelines will be decommissioned insitu with pipeline and umbilical ends cut or lowered and covered. All jumpers, spools and concrete mattresses will be recovered to shore for recycling/disposal. Topsides and jacket will be removed and | Comparative Assessment (PDF, 3.08MB, 85 pages) Curlew and Curlew C Environmental Statement (PDF, 7.77MB, 196 pages) |
| Windermere | INEOS UK SNS | Draft programmes | will be removed and recycled or disposed onshore. The pipelines will be partially removed, the exposed sections adjacent to the platforms will be removed and recycled or disposed onshore. | Windermere Decommissioning Programme (PDF, 2.39MB, 38 pages) Windermere |
| Field | Limited | under consideration | The exposed ends will be lowered to achieve adequate depth of coverage. The existing buried sections of umbilical will be left in situ. All concrete mattresses and grout bags will be recovered to shore for reuse, recycling or disposal. | Comparative Assessment (PDF, 1.49MB, 34 pages) Windermere Environmental Statement (PDF, 10.2MB, 235 pages) |

Removal to shore of

| | | | | Bains Decommissioning Programmes (PDF, 1.94MB, 30 pages) |
|-------------|---------------------------------------|---|--|--|
| Bains Field | Spirit Energy Production UK Ltd | Draft programmes under consideration | All Subsea Installations will be removed. Both pipelines will be left in situ except for short exposed sections. | Bains Comparative Assessment (PDF, 1.68MB, 40 pages) |
| | | | | Bains Environmental Appraisal (PDF, 3.61MB, 61 pages) |
| | | | Platform & Midline Tee Structure will be removed and transported to | Jacky Decommissioning Programmes (PDF, 1.86MB, 50 pages) |
| Jacky Field | Ithaca Energy (UK) Limited | Draft programmes under consideration | shore for re-use or recycling. Subsea wells will be plugged and abandoned using a drilling rig. Pipelines are | Jacky Comparative Assessment (PDF, 1.32MB, 31 pages) |
| | | | trenched and buried and will remain in situ. | Jacky Environmental |

situ.

<u>Bains</u>

<u>Impact</u>

Assessment (PDF, 8.83MB, 135 pages)

East Brae And Braemar **Decommissioning Programmes** (PDF, 10.3MB, 74 pages)

East Brae and Marathon Oil UK LLC Braemar

Draft programmes under consideration

Removal of East Brae topsides and removal of jackets to the top of the footings. Removal of Braemar subsea installations. Pipelines to be decommissioned by partial removal and Appendices leave in situ.

East Brae and <u>Braemar</u> **Environmental** Statement -Main Report (PDF, 14.5MB, 78 pages)

East Brae and <u>Braemar</u> **Environmental** <u>Statement –</u> Technical (PDF, 12.8MB, 96 pages)

East Brae Sub-<u>structures</u> <u>Comparative</u> <u>Assessment</u> (PDF, 5.96MB, 39 pages)

Brae Area Subsea Assets <u>Comparative</u> <u>Assessment</u> (PDF, 6.84MB, 43 pages)

Brae Alpha, Brae Bravo, Central Brae, West Brae and Sedgwick <u>Decommissioning</u> **Programmes** (PDF, 15.3MB, 120 pages)

Brae Alpha, Brae Bravo, Marathon Oil Central Brae, Waratho West Brae and Sedgwick

Draft programmes under

Removal of Brae Alpha and Brae Bravo jackets to the top of the footings. Removal of Central Brae, West Brae and Statement – Technical Sedgwick subsea installations. consideration Pipelines to be decommissioned in a variety of ways including removal, trenching and leave in situ.

Brae A etc, **Environmental** <u>Statement –</u> Main Report (PDF, 14.6MB, 80 pages)

Brae A etc. <u>Environmental</u> **Appendices** (PDF, 13.3MB, 96 pages)

Brae A Substructure <u>Comparative</u> <u>Assessment</u> (PDF, 5.27MB, 34 pages)

Brae B Sub-<u>structure</u> <u>Comparative</u> <u>Assessment</u> (PDF, 5.44MB, 34 pages)

Brae Area Subsea Assets <u>Comparative</u> <u>Assessment</u> (PDF, 6.84MB, 43 pages)

Ninian North <u>Platform</u> **Decommissioning Programme** (PDF, 1.8MB, 61 pages)

Ninian North CNR Platform

Draft programme under

Topsides will be removed and recovered to shore. Partial removal of the Jacket to between 77.5 and consideration 88.5m below LAT. Decommissioning in situ of jacket footings.

Ninian North <u>Platform</u> **Environmental** Statement (PDF, 7.82MB, 229 pages)

Ninian North <u>Platform</u> <u>Comparative</u> <u>Assessment</u> (PDF, 2.75MB, 92 pages)

Brent <u>Decommissioning</u> **Programme** (PDF, 12MB, 322 pages)

Draft

programmes under consideration **Brent ES**

(PDF, 12.5MB, part of Brent Alpha 475 pages)

steel jacket to 84.5m below sea

Removal of upper

level.

Decommissioning in **Brent EIA** situ of Brent Alpha (PDF, 5.05MB, jacket footings. 429 pages)

Decommissioning in

situ of Brent

Bravo, Charlie and

Delta concrete gravity based structures.

Pipelines several

decommissioning options.

A suite of

detailed Technical

Brent ES

Appendix

45 pages)

(PDF, 2.52MB,

Documents which support the Decommissioning

Programmes documents are available on the <u>Shell</u>

<u>Website</u>

Brent

Shell U.K. Limited

Atlantic & Cromarty **Decommissioning Programmes** (PDF, 1.76MB, 50 pages)

Cromarty

BG Global Draft Atlantic and Energy Limited programmes and Hess under Limited

Manifold and Well head Protection structures (WHPS) to be removed for recycling/disposal. Partial removal of consideration pipelines and remaining section of buried/trenched Cromarty pipelines to remain **Environmental** in situ.

Cromarty <u>Stakeholder</u> Report (PDF, 1.11MB, 32 pages) Atlantic &

Atlantic &

Impact <u>Assessment</u> (PDF, 4.5MB, 109 pages)

Atlantic & Cromarty <u>Comparative</u> <u>Assessment</u> (PDF, 2.06MB, 110 pages)

Table of approved decommissioning programmes

| Field Name | Operator at approval | Operator following licence / company change | Main installations decommissioned | Approved option | Year of approval |
|------------|------------------------|---|--|--------------------------------|---------------------|
| | Marathon Oil UK LLC | - | Brae Bravo Topsides, Flare Bridge, Flare Tower and Flare Jacket/Substructure | for either re-use or recycling | August 2018 |

| Brent Alpha, Bravo and Charlie Topsides (PDF, 3.34MB, 81 pages) | Shell U.K. Limited | - | Brent Alpha, Brent Bravo and Brent Charlie Topsides | Removal to shore for recycling/disposal | August 2018 |
|--|---------------------------------------|----------------|---|--|------------------|
| Stirling A33 WHPS Decommissioning Programme (PDF, 1.13MB, 27 pages) | Premier Oil E&P UK Limite | d [—] | Subsea installation | Removal to shore for recycling | May 2018 |
| | | | Subsea installations | Removal to shore for either re-use or recycling | April 2018 |
| Ann and Alison (PDF, 2.98MB, 60 pages) | Spirit Energy North Sea Limited | - | Pipelines | Buried and stable pipelines left in situ. Surface laid pipelines removed to shore for re-use or recycling | April 2018 |
| | | | Subsea installations | Removal to shore for either re-use or recycling | April 2018 |
| Saturn (Annabel) (PDF, 2.49MB, 47 pages) | Spirit Energy North Sea Limited | _ | Pipelines | Buried and stable pipelines left in situ. Surface laid pipelines removed to shore for re-use or recycling | April 2018 |
| | | | 2 fixed platforms | Removal of topsides and jackets to shore for recycling or disposal | April 2018 |
| Audrey (PDF, 2.87MB, 58 pages) | Spirit Energy North Sea Limited | _ | Pipelines | Buried and stable pipelines decommissioned in situ. Surface laid pipelines removed to shore for re-use or recycling | April 2018 |
| Rev Decommissioning Programme (PDF, 12MB, 42 pages) | g Repsol Norge AS | - | Pipelines | Fully buried and stable pipeline to be left in situ. All other pipelines to be removed. All mattresses on pipelines to be removed | • |
| <u>Markham ST-1</u> | Centrica Production | | Fixed Platform | Removal to shore for either re-use or recycling | February 2018 |
| (PDF, 2.39MB, 49 pages) | Nederland B.V | | Pipelines | Two pipelines to be decommissioned in situ | February 2018 |

| | | Subsea Installation | Removed and recovered to shore for recycling/disposal Full removal with | December 2017 |
|---|-----------------------------------|---|---|------------------|
| Osprey (PDF, 3.92MB, 68 pages) | Fairfield — Fagus Limited — | Pipelines | the exception of the Bundles, Umbilical Risers within the Dunlin Alpha Concrete Gravity Based Structure or those trenched and rock dumped | December 2017 |
| | | Subsea Installation | Removed and recovered to shore for recycling/disposal | December 2017 |
| Merlin (PDF, 2.97MB, 56 pages) | Fairfield Fagus Limited | Pipelines | Full removal with the exception of trenched and rock dumped Pipelines and Umbilicals and Umbilical Riser within the Dunlin Alpha Concrete Gravity Based Structure | December 2017 |
| | | Subsea Installation | Removed and recovered to shore for recycling/disposal | December 2017 |
| Dunlin Fuel Gas Import (DFGI) and Dunlin Power Import (DPI) (PDF, 3.48MB, 54 pages) | Fairfield — Fagus Limited — | Pipelines | Full removal with the exception of trenched and buried Pipelines and Rigid Riser and Riser Cable within the Dunlin Alpha Concrete Gravity Based Structure | December 2017 |
| Viking Satellites CD, DD, ED, GD, HD Pipelines (PDF, 6.77MB, 32 pages) | ConocoPhillips _ (U.K.) Limited _ | Pipelines | All pipelines and associated mattresses to remain in situ | November 2017 |
| LOGGS Satellites Vulcan UR, | ConocoPhillips | 3 x fixed platforms - Vulcan UR, Viscount VO and Vampire OD | Removal to shore of topsides and jackets for recycling/disposal | November 2017 |
| Viscount VO, Vampire OD — LDP1 (PDF, 17.5MB, 61 pages) | (U.K.) Limited | Pipelines | All pipelines and associated mattresses to remain in situ | November 2017 |
| Leman BH Decommissioning Programme (PDF, 4.66MB, 46 pages) |]Shell U.K. Limited | 1 x platform | Removal to shore for either re-use or recycling | April 2017 |

| | | FPS0 | Removal for re-use at different location | March 2017 |
|--|---|---|--|-------------------|
| Ettrick and Blackbird | Nexen Petroleum UK — | Subsea Equipment | Removal to shore for either re-use or recycling | March 2017 |
| (PDF, 2.1MB, 62 pages) | Limited | Pipelines | Removal to shore for either re-use or recycling; buried pipelines to be left in-situ | March 2017 |
| Ann A4 Decommissioning Programme (PDF, 1.37MB, 29 pages) | Centrica North _ Sea Limited | A4 Wellhead Protection Structure | Removal to shore for either re-use or recycling | February 2017 |
| , , | | FPS0 | Removal for recycling | September 2016 |
| Janice James & Affleck | Maersk Oil UK _ | Subsea Equipment | Removal to shore for either re-use or recycling | September 2016 |
| (PDF, 3.8MB, 115 pages) | Limited | Pipelines | Removal to shore for either re-use or recycling; buried pipelines to be left in-situ | September 2016 |
| | | FPS0 | Removal for re-use at different location | September 2016 |
| Athena Decommissioning | | Subsea Equipment | Removal to shore for either re-use or recycling | September 2016 |
| Programmes (PDF, 3.88MB, 70 pages) | (UK) Limited | Pipelines | All 32 pipeline to be removed and returned to shore for re-use or recycling | September 2016 |
| Viking Platforms (PDF, 3.53MB, 40 pages) | ConocoPhillips _ (U.K.) Limited | 5 x fixed platforms Viking CD, DD, ED, GD, HD | Removal to shore of topsides and jackets for recycling/disposal | September 2016 |
| | | FPS0 | Removal for re-use at different location | March 2016 |
| <u>Leadon</u> (PDF, 1.71MB, 53 pages) | Maersk Oil North Sea UK — Limited | Subsea | Removal of 2 x bundle towheads and mid-line structure to shore for disposal; removal of 2 x drill centres to shore for disposal | March 2016 |
| | | Pipelines | 2 x Pipeline bundles to be left in-situ, partial removal of gas import pipeline | March 2016 |

| Harding STL (PDF, 2.61MB, 73 pages) Harding STL Close-Out Report (PDF, 1.62MB, 26 pages) | TAQA Bratani Limited | _ | Harding Submerged Turret Loading (STL) System | Harding Submerged Turret Loading (STL) System to be replaced by new Offshore Loading System. STL to be removed to shore for recycling/disposal and shuttle tanker mooring and loading buoy interfaces returned to owner | 2015 |
|---|--------------------------|---|---|---|------------------|
| Thames Area — Horne & Wren (PDF, 1.57MB, | Tullow Oil SK Limited | - | 1x fixed platform | Removal of topsides and jackets to shore for recycling/disposal | November 2015 |
| 48 pages) | | | Pipelines | To remain buried in situ | November 2015 |
| <u>Thames Area —</u> Orwell | Tullow Oil SK | _ | Subsea Installations | Removal to shore for recycling/disposal | November 2015 |
| (PDF, 828KB, 42 pages) | 2 Limited | | Pipelines | To remain buried in situ | November 2015 |
| <u>Thames Area —</u> Wissey | Tullow Oil SK Limited | _ | Subsea Installations | Removal to shore for recycling/disposal | November 2015 |
| (PDF, 1.26MB, 43 pages) | LIMITEG | | Pipelines | To remain buried in situ | November 2015 |
| Thames Area — | D 111/ | | 3x fixed platforms | Removal of topsides and jackets to shore for recycling/disposal | October 2015 |
| Thames Complex (PDF, 15.9MB, 76 pages) | Perenco UK Limited | _ | Subsea Installations | Removal to shore for recycling/disposal | October 2015 |
| | | | Pipelines | To remain buried in situ | October 2015 |
| <u>Thames Area —</u> <u>Gawain</u> | Perenco UK Limited | _ | Subsea Installations | Removal to shore for recycling/disposal | October 2015 |
| (PDF, 3.8MB, 47 pages) | 7 | | Pipelines | To remain buried in situ | October 2015 |
| <u>Thames Area —</u> <u>Arthur</u> | Perenco UK | _ | Subsea Installations | Removal to shore for recycling/disposal | October 2015 |
| (PDF, 4.41MB, 46 pages) | Limited | | Pipelines | To remain buried in situ | October 2015 |
| | | | | Removal of topside | |

| Rose Decommissioning Programmes (PDF, 2.87MB, 42 pages) |] Centrica Resources | | Subsea Installations | Removal to shore for recycling/disposal | May 2015 Close Out Report Approved October 2018 |
|---|--------------------------------------|--------|-------------------------|--|--|
| Rose Close Out Report (PDF, 3.31MB, 36 pages) | Limited | _ | Pipelines | Removal of sections of un-trenched pipelines; trenched pipelines decommissioned in situ | Close Out |
| | | | Subsea Installations | Removal to shore for recycling/disposal | April 2015 |
| <pre>Stamford (PDF, 2.71MB, 39 pages)</pre> | Centrica North Sea Gas Limited | n _ | Pipelines | Removal of sections of un-trenched pipelines; trenched pipelines decommissioned in situ | |
| <u>Murchison</u> | CNR | | Large Steel Platform | Topsides and jacket to top of footings to be removed to shore for recycling/disposal. Footings to remain in situ | August 2014 |
| (PDF, 2.37MB, 70 pages) | CNIX | | Pipelines | Export pipeline decommissioned in situ with remedial rock placement. Infield Flowlines to be removed for recycling/disposal. | August 2014 |
| Rubie & Renee (PDF, 2.47MB, | Endeavour Energy UK | _ | Subsea Installations | Removal to shore for recycling/disposal | April 2014 |
| 50 pages) | Limited | | Pipelines | Selective Recovery | April 2014 |
| Miller (PDF, 6.57MB, 198 pages) | BP Exploration (Alpha) Limited | ו | Large Steel Platform | Footings to remain in place, steel topsides and jacket to top of footings to be removed to shore | |
| | | | Schiehallion FPS0 | Removal for potential re-use | 2013 |
| Schiehallion & Loyal Phase One (PDF, 1.84MB, 60 pages) | Britoil Limited | - | Pipelines | Recovery where possible. Production flowlines to be left in situ. | 2013 |
| IVRR — decommissoning programme | | | FPS0 | Removal for re-use at different location | 2013 |
| (PDF, 1.57MB, 102 pages) IVRR Close Out | Hess limited | - | Subsea installations | Removal to shore for recycling/disposal | 2013 |
| Report (PDF, 4.74MB, 35 pages) | | | Pipelines | Selective recovery | 2013 |

| Camelot (PDF, 488KB, 39 pages) | Resource | | Small Steel Platform | Removal to shore for recycling / disposal | 2012 |
|---|----------------------------|--------------------------------|-------------------------|--|---|
| Camelot Close out report (PDF, 2.27MB, 41 pages) | Technology (UK) Limited | _ | Pipelines | Pipelines decommissioned in situ | 2012 |
| Fife, Flora, Fergus, Angus: | | | FPS0 | Removed for re-use at different location | 2012 |
| <pre>decommissioning programme (PDF, 8.36MB, 135 pages)</pre> | g Hess Limited | _ | Subsea installations | Removal to shore for recycling / disposal | 2012 |
| FFFA Close Out Report (PDF, 1.49MB, 33 pages) | | | Pipelines | Full removal of un- trenched pipelines; trenched pipelines decommissioned in situ | 2012 |
| Don | Britoil Public | | Subsea installation | Removal to shore for recycling / disposal | 2011 |
| DOIL | Company | _ | Pipelines | Decommissioned in situ with selective recovery | 2011 |
| Welland | Perenco UK | Perenco UK Limited | Small Steel Platform | Removal for re-use outside of UK waters | 2010 |
| <u>Welland</u> | Limited | | Pipelines | Decommissioned in situ with selective recovery | 2010 |
| | | | Subsea installation | Removal to shore for recycling | 2010; close-out report received January 2011 |
| Tristan NW Close out report | Energy Limited Ene | Bridge Energy UK Limited | Pipelines | Production pipeline with piggy-backed umbilical — leave in situ; jumpers, spool pieces and associated pipeline equipment — remove to shore for re-use or recycling | 2010; close-out report received January |

| | | | Sevan Voyageur FPS0 | Tow away for future use at another location | received February 2012 |
|---|-------------------------------------|---|---|---|--|
| Shelley Close out report | Premier Oil | _ | Manifold and Wellhead | Remove to shore for re-use, recycling or disposal | 2010; close-out report received February 2012 |
| | | | Pipelines | Production pipeline - leave in situ; umbilical - remove in sections | 2010; close-out report received February 2012 |
| Kittiwake SAL Export System Close out report | Venture North Sea Oil Limited | _ | Kittiwake SAL Assembly | SAL Assembly — removal to shore for re-use. Revision to approved decommissioning programme: Completion of the removal of the SAL Assembly extended to 31 July 2012 | 2009; close-out report received July 2012 |
| | | | Pipelines | Pipeline — flexible flowline removed to shore for re-use | |
| MCP-01 Close out report | Total E& P UK Limited | _ | Manifold & Compression Platform | Permit granted for the disposal in- situ of the concrete substructure; topsides to be removed to shore for re-use, recycling or disposal | 2008; close-out report received March 2013 |
| <u>Kittiwake</u> <u>Loading Buoy</u> | Venture North Sea Oil Limited | _ | Exposed Location Single Buoy Mooring System (ELSBM) | Removals to shore | 2008 |

| <u>Linnhe</u> (PDF, 2.25MB, 66 pages) | | | Wellhead Protection Structure | Removal to shore. Revision to approved decommissioning programme: completion of the removal of the Wellhead Protection Structure extended to 30 June 2010 | 2008; year of revised approval: 2010 |
|---|---|---|--|--|--|
| | Mobil North Sea LLC | _ | Pipelines | Decommissioned in situ; pipeline sections outside trenches removed to shore. Revision to approved decommissioning programme: completion of the abandonment of the pipelines extended to 30 June 2010 | 2008; year of revised approval: 2010 |
| Indefatigable (Shell) (PDF, 11.6MB, 224 pages) | | | 6 x fixed steel platforms | Removal to shore | 2007 |
| <pre> Close Out Report (PDF, 2.47MB, 64 pages)</pre> | Shell U.K. Limited | _ | Pipelines | 2 x hose bundles removal to shore; 5 x infield + export decommissioned in situ | 2007 |
| NW Hutton: decommissioning programme (PDF, 14.9MB, 320 pages) | Amoco (U.K.) Exploration Company — now a subsidiary of BP plc | _ | Large Steel Platform | Footings to remain in place, steel topsides and jacket to top of footings to be removed to shore | 2006 |
| Close Out Report (PDF, 2.52MB, 32 pages) | or bi pec | | Pipelines | Decommissioned in situ | 2006 |
| Ardmore | British American Offshore Limited | - | Mobile Jack-Up Rig | Re-use | 2005 |
| Ardmore | Ugland Nordic Shipping AS | _ | Loading Systems | Re-use/removal to shore Re-use | 2005 2005 |
| Ardmore | Acorn Oil & Gas Limited | _ | Subsea equipment including guide frame | Removal to shore | 2005 |
| <u>Brent</u> | Shell | _ | Brent Flare | Removals to shore for recycling and disposal | 2004 |
| Beatrice | Talisman Energy (UK) Limited | - | Fixed Steel Platforms | Re-use | 2004 |
| | | | | | |

| Forbes and Gordon Infield Pipelines | BHP Billiton | - | Infield Pipelines | Decommission in situ — retrench any area of pipeline with less than 0.4m depth of cover | report |
|---|---------------------------------------|---|--|---|---|
| Frigg TP1, QP & CDP1 Close out report | <u>&</u> Total E&P Norge AS | _ | Treatment Platform 1 (TP1), Quarters Platform (QP) and Concrete Drilling Platform 1 (CDP1) | Concrete substructures to remain in place; concrete topsides to be removed to shore; steel installations to be removed to shore; infield pipelines to be removed to shore | 2003 |
| Durward and Dauntless | Amerada Hess | _ | Pipelines | Decommissioned in situ | 2002 |
| | | | Tension Leg Platform | Re-use | 2002; close-out report received July 2004 |
| Hutton | Kerr-McGee | - | Pipelines | 1 x removal to shore; 1 x decommissioned in situ (with future monitoring programme) | 2002; close-out report received July 2004 |
| Camelot CB | ExxonMobil | - | Fixed Steel Platform | Re-use or removal to shore for recycling. Revision to approved decommissioning option: removal to shore for dismantling and recycling | Year of revised |
| Blenheim and | Talisman | _ | FPS0 | Re-use | 2000 |
| Bladon | | | Pipelines FPSO | Removal to shore Re-use | 2000 2000 |
| Durward and Dauntless | Amerada Hess | _ | Subsea Facilities | Removal to shore | 2000 |
| | | | Large Steel Gravity Platform | Domoval to shore | 2000 |
| <u>Maureen and</u> <u>Moira</u> | Phillips | - | Concrete Loading Column | Removal to shore for re-use or recycling | 2000 |
| | | | Pipelines | 2 x removal to shore;1 x decommissioned in situ | 2000 |
| Brent Spar | Shell | - | Oil Storage and Loading Facility | Re-use as part of quay extension. Revision to approved decommissioning option: Brent Spar Anchor Blocks — removal to shore for reuse, recycling or disposal 1998 | Year of revised approval: 2004 |

| Donan | ВР | - | FPS0 | Re-use | 1998 |
|-----------------------------|--------------|-----------------------|--|--|------|
| Fulmar SALM | Shell | - | Single Anchor Leg Mooring Buoy | Removal to shore | 1998 |
| | | | 16" Pipeline | Decommissioned in situ | 1998 |
| | MSR | - | FPS0 | Re-use | 1996 |
| Emerald | | | Pipeline | Decommissioned in situ | 1996 |
| Frigg FP | Elf Norge | TotalFinaElf Norge | Flare Column | Removal to shore | 1996 |
| Leman BK | Shell | - | Fixed Steel Platform | Removal to shore | 1996 |
| Staffa | Lasmo | _ | Pipelines | Removal to shore | 1996 |
| Viking AC, AD, AP & FD | Conoco | - | 4 x Fixed Steel Platform | Removal to shore | 1996 |
| Esmond CP & CW | ВНР | - | 2 x Fixed Steel Platform | Removal to shore | 1995 |
| Gordon BW | ВНР | - | Fixed Steel Platform | Removal to shore | 1995 |
| Angus | Amerada Hess | - | Floating Production, Storage and Offloading (FPSO) Vessel | Re-use | 1993 |
| Forbes AW | Hamilton | ВНР | Fixed Steel Platform | Removal to shore | 1993 |
| Argyll, Duncan and Innes | Hamilton | ВНР | Floating Production, Facility (FPF) | Removal to shore | 1992 |
| | | | Catenary Anchor Leg Mooring (CALM) Buoy | Removal to shore | 1992 |
| | | | Pipelines | Removal to shore | 1992 |
| Blair | Sun Oil | AGIP | Pipelines | 1 x Re-use; 1 x Decommissioned in situ | 1992 |
| Crawford | Hamilton Oil | ВНР | Floating Production, Facility (FPF) | Removal to shore | 1991 |
| | | | Catenary Anchor Leg Mooring (CALM) Buoy | Removal to shore | 1991 |
| | | | Subsea Facilities | Removal to shore | 1991 |
| Piper Alpha | Occidental | Talisman | Fixed Steel Platform | Toppling | 1988 |
| | | | | | |

Notification of disused pipelines

(the DPN form has been amended — July 2017)

During the course of a field's life, pipelines/sections of pipelines may be taken out of use, e.g. due to corrosion, problems with reservoir pressure, damage to the pipeline, etc. When this happens, under the Petroleum Act 1998 the Secretary of State has the option of immediately calling for a full decommissioning programme. This is not always considered an appropriate option however, and so it has been agreed consideration will be given to handling suitable pipelines, under an informal decommissioning regime, thereby deferring a formal programme until the end of the field's life.

If a formal decommissioning programme is not immediately deemed suitable,

details of the out of use pipeline(s) will be circulated to other government departments for comment. Following this, OPRED will decide one of the following:

- we are content with the proposals for monitoring and maintaining the out-of-use pipeline
- we request additional information or further remedial action
- we request a formal decommissioning programme

The Interim Pipeline Regime is intended to ensure out of use lines do not pose a risk to other users of the sea or the environment and that they are covered by an appropriate surveying and maintenance regime from the point when they are taken out of use until approval of the formal decommissioning programme, which is usually at the end of field life. It should be noted that any interim solution should not prejudice the final decommissioning options for that line, including complete removal. The department expects Operators to submit details of out of use pipelines/sections of a pipeline as soon as they are taken out of use.

Operators are reminded that any works that are proposed on any pipelines under the Pipeline Works Authorisation regime, as per their Terms and Conditions of the PWA, must have a Legal Consent in place before works can commence which includes but is not exclusive to any proposed decommissioning works. Consents are issued by the Oil & Gas Authority and Operators are requested to contact Claire Grant on any queries that they may have relating to Legal Consents. Further Guidance can also be found on the Oil & Gas Authority website:

https://www.ogauthority.co.uk/licensing-consents/consents/pipeline-works-auth
orisations/

Once the necessary legal consent has been issued by OGA, Consents & Authorisations Section, Operators are to email a completed Disused pipeline notification form (MS Word Document, 81.7KB)

to The Offshore Decommissioning Unit, OPRED, BEIS.

If you are an Operator, aware of any out of use pipelines that have not been referred to the department, please submit a completed DPN form at your earliest convenience.

Following confirmation a pipeline has been accepted under the Interim Pipeline Regime, the Offshore Decommissioning Unit will continue to monitor the condition of the pipeline by asking the Operator to confirm the status of the pipeline remains unchanged following future surveys.

Further information

A list of all installations on the UKCS and their current status is available from the OSPAR Website

At the first ministerial meeting of the Commission for the Protection of the

Marine Environment of the North East Atlantic (OSPAR) in 1998, a binding decision was agreed that set rules for the disposal of offshore installations at sea. Under the decision the dumping and leaving wholly or partly in place of offshore installations is prohibited. Decision 98/3 recognises it may be difficult to remove the 'footings' of large steel jackets weighing more than 10,000 and concrete installations. As a result there are derogations for these categories of installations if the internationally agreed assessment and consultation process shows leaving them in place is justifiable.

OPRED has utilised streamlined decommissioning programme templates for derogation and non-derogation cases, Operators will therefore have a choice whether to submit a decommissioning programme in the existing format (see Annex C of the Guidance Notes 'Format and Content') or adopt the streamlined decommissioning programme template. Operators should discuss individual cases with OPRED.

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A
Streamlined Decommissioning Programme Template (Non-Derogation Cases)
(PDF, 1.36MB, 33 pages)

is available — (December 2015).

A
Streamlined Decommissioning Programme Template (Derogation Cases)
(PDF, 1.5MB, 36 pages)

is also available (December 2015).
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A word version of these templates can also be requested from OPRED. Please email <a href="https://doi.org/10.1007/jhear-10.1007/

Cost recovery

OPRED will charge a fee in respect of offshore (oil and gas) installations and pipelines decommissioning programmes under the Petroleum Act 1998. Guidance, including the indicative fee structure, is available in Guidance on charging a fee for offshore (oil and gas) installations and pipelines under the Petroleum Act 1998 (PDF, 308KB, 9 pages)