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 <u>Petroleum Act 1998</u>.

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, nongovernmental 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, <u>Offshore Oil and Gas Decommissioning Guidance Notes May 2018</u> (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 Final guidance on the Environmental Considerations for Decommissioning (section 12) will follow shortly, meantime draft guidance can be found here: <u>Section 12</u> (MS Word Document, 142KB)

Table of draft decommissioning programmes under consideration

Main points of the Field Name Field Operator Status Details programme VDP2 Removal to shore of Decommissioning **Programmes** the Viking Bravo (PDF, 3.29MB, Hub and Viking 80 pages) Satellites KD, LD and AR topsides and jackets and Victor Viking VDP2 JM subsea manifold (Viking Bravo Draft VDP2 for Hub, Viking ConocoPhillips programmes <u>Comparative</u> recycling/disposal. Satellites (U.K.) Limited under <u>Assessment</u> Wells to be plugged KD, LD, AR consideration (PDF, 3.09MB, and abandoned. and Vixen VM) 167 pages) Pipelines to be decommissioned in situ. All mattresses on VDP2 pipelines to remain Environmental in situ. **Statement** (PDF, 13.5MB, 420 pages) VDP3 Decommissioning **Programmes** Removal to shore of (PDF, 1.78MB, the Victor JD 49 pages) topsides and jackets and Victor JM subsea manifold for Draft VDP3 recycling/disposal. Viking VDP3 ConocoPhillips programmes <u>Comparative</u> (Victor JD Wells to be plugged (U.K.) Limited under Assessment and JM) and abandoned. (PDF, 3.09MB, consideration Pipelines to be 167 pages) decommissioned in situ. All mattresses on pipelines to remain VDP3 in situ. **Environmental Statement** (PDF, 13.5MB, 420 pages)

Dunlin Alpha Decommissioning P<u>rogramme</u> (PDF, 6.5MB, 77 pages) Decommissioning in situ of Dunlin Alpha concrete Dunlin Alpha Draft gravity based <u>Decommissioning</u> Dunlin Alpha Fairfield programme structure and <u>Comparative</u> Field Betula Limited under storage cells. Full Assessment consideration removal of Dunlin Report Alpha topsides for (PDF, 3.66MB, reuse or recycling. 133 pages) Dunlin Alpha <u>Decommissioning</u> **Environmental** Appraisal (PDF, 5.04MB, 155 pages) Topsides, jackets and the drilling template will be removed and recycled or Beatrice disposed onshore. **Decommissioning** 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 Draft <u>Beatrice</u> Repsol Sinopec Beatrice programmes will undergo <u>Comparative</u> Resources UK Field <u>Assessment</u> under trenching and Limited <u>Report</u> consideration burial, rock (PDF, 3.3MB, 98 covering or be cut out and removed to pages) shore. A small section of drill Beatrice cuttings will be Environmental left in situ. <u>Assessment</u> Concrete mattresses Report and grout bags will (PDF, 15.9MB, be recovered to 255 pages) shore for reuse, recycling or disposal.

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

			Removal to shore of 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	<u>Curlew and</u> <u>Curlew C</u> Decommissioning
Curlew and Curlew C Fields	Shell (U.K.) Limited	Draft programmes under consideration	recycling/disposal. Subsea wells to be plugged and abandoned. All trenched and buried pipelines will be decommissioned in- situ with pipeline and umbilical ends	(PDF, 3.08MB, 85 pages)
			cut or lowered and covered. All jumpers, spools and concrete mattresses will be recovered to shore for recycling/disposal.	(PDF, 7.77MB, 196 pages)
		Due ft	Topsides and jacket 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	
Windermere Field	INEOS UK SNS Limited	Draft programmes under consideration	disposed onshore. The exposed ends	<u>Windermere</u>
			left in situ. All concrete mattresses and grout bags will be recovered to shore for reuse, recycling or disposal.	Environmental Statement (PDF, 10.2MB, 235 pages)

Bains Decommissioning Programmes (PDF, 1.94MB, 30 pages) All Subsea Installations will Draft Spirit Energy be removed. Both programmes Bains pipelines will be Bains Field Production UK under <u>Comparative</u> left in situ except Ltd consideration <u>Assessment</u> for short exposed (PDF, 1.68MB, sections. 40 pages) Bains **Environmental Appraisal** (PDF, 3.61MB, 61 pages) Jacky Decommissioning Programmes Platform & Midline (PDF, 1.86MB, Tee Structure will 50 pages) be removed and transported to shore for re-use or Draft recycling. Subsea <u>Jacky</u> wells will be Ithaca Energy programmes Jacky Field Comparative (UK) Limited under plugged and Assessment consideration abandoned using a (PDF, 1.32MB, drilling rig. 31 pages) Pipelines are trenched and buried Jacky and will remain in **Environmental** situ. Impact <u>Assessment</u> (PDF, 8.83MB, 135 pages)

East Brae And Braemar Decommissioning **Programmes** (PDF, 10.3MB, 74 pages) East Brae and <u>Braemar</u> <u>Environmental</u> Statement -Main Report Removal of East (PDF, 14.5MB,

East Brae and Marathon Oil UK LLC Braemar

Draft programmes under consideration

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

78 pages)

<u>Braemar</u>

East Brae and

<u>Environmental</u>

(PDF, 12.8MB,

<u>Statement –</u>

Technical

96 pages)

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

<u>Brae Alpha,</u> Brae Bravo, Central Brae, West Brae and Sedgwick **Decommissioning Programmes** (PDF, 15.3MB, 120 pages) Brae A etc, **Environmental** <u>Statement –</u> Main Report Removal of Brae (PDF, 14.6MB, Alpha and Brae 80 pages) Bravo jackets to the top of the Brae A etc. footings. <u>Environmental</u> Brae Alpha, Removal of Central Brae, West Brae and <u>Statement –</u> Draft Brae Bravo, Marathon Oil programmes Central Brae, ^{Maratho} West Brae and Sedgwick subsea under **Appendices** installations. consideration Pipelines to be (PDF, 13.3MB, Sedgwick 96 pages) decommissioned in a variety of ways Brae A Subincluding removal, structure trenching and leave <u>Comparative</u> in situ. <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>

Assessment (PDF, 6.84MB, 43 pages)

Ninian North Platform	CNR	Draft programme under consideratior	Topsides will be removed and recovered to shore. Partial removal of the Jacket to between 77.5 and 88.5m below LAT. Decommissioning in situ of jacket footings.	Ninian North Platform Decommissioning Programme (PDF, 1.8MB, 61 pages) Ninian North Platform Environmental Statement (PDF, 7.82MB, 229 pages)
				Ninian North Platform Comparative Assessment (PDF, 2.75MB, 92 pages)

(PDF, 12MB, 322 pages) **Brent ES** Removal of upper (PDF, 12.5MB, part of Brent Alpha 475 pages) steel jacket to 84.5m below sea level. Decommissioning in **Brent EIA** situ of Brent Alpha (PDF, 5.05MB, Draft jacket footings. 429 pages) Shell U.K. programmes Brent Decommissioning in Limited under situ of Brent consideration Bravo, Charlie and Brent ES Delta concrete gravity based Appendix (PDF, 2.52MB, structures. Pipelines several 45 pages) decommissioning options. A suite of detailed Technical Documents which support the Decommissioning Programmes documents are available on the <u>Shell</u>

Brent

Programme

Website

Decommissioning

Atlantic & <u>Cromarty</u> Decommissioning **Programmes** (PDF, 1.76MB, 50 pages) <u>Atlantic &</u> <u>Cromarty</u> Manifold and Well <u>Stakeholder</u> head Protection Report structures (WHPS) (PDF, 1.11MB, to be removed for 32 pages) BG Global Draft recycling/disposal. Atlantic and Energy Limited programmes Partial removal of Cromarty and Hess under consideration pipelines and Limited remaining section <u>Atlantic &</u> of buried/trenched Cromarty pipelines to remain Environmental in situ. Impact <u>Assessment</u> (PDF, 4.5MB, 109 pages)

> Atlantic & Cromarty Comparative Assessment (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
Inwer and Flare	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 Limited	1	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
<u>Saturn</u> <u>(Annabel)</u> (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)	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 Broduction		Fixed Platform	Removal to shore for either re-use or recycling	February 2018
(PDF, 2.39MB, 49 pages)	Production 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
<u>Merlin</u> (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
<u>Viscount VO,</u> <u>Vampire OD —</u> <u>LDP1</u> (PDF, 17.5MB, 61 pages)	(U.K.) Limited [—]	Pipelines	All pipelines and associated mattresses to remain in situ	November 2017
<u>Leman BH</u> <u>Decommissioning</u> <u>Programme</u> (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
<u>Ettrick and</u> <u>Blackbird</u>	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
<u>Janice James &</u> 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 Programmes	Ithaca Energy _ (UK) Limited	Subsea Equipment	Removal to shore for either re-use or recycling	September 2016
Programmes (UK) (PDF, 3.88MB, 70 pages)		Pipelines	All 32 pipeline to be removed and returned to shore for re-use or recycling	September 2016
<u>Viking</u> <u>Platforms</u> (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

Turret Loading (STL) System to be Harding STL replaced by new (PDF, 2.61MB, Offshore Loading 73 pages) Harding Submerged System. STL to be TAQA Bratani Turret Loading removed to shore 2015 Harding STL Limited (STL) System for <u>Close-Out</u> recycling/disposal <u>Report</u> and shuttle tanker (PDF, 1.62MB, mooring and loading 26 pages) buoy interfaces returned to owner Removal of topsides November and jackets to 1x fixed platform Thames Area -Tullow Oil SK _ shore for 2015 Horne & Wren recycling/disposal Limited (PDF, 1.57MB, To remain buried in November 48 pages) **Pipelines** situ 2015 Removal to shore November Subsea for <u>Thames Area –</u> Tullow Oil SK Installations 2015 recycling/disposal <u>Orwell</u> (PDF, 828KB, 42 Limited To remain buried in November Pipelines pages) 2015 situ Removal to shore November Subsea for <u>Thames Area –</u> Tullow Oil SK Installations 2015 recycling/disposal Wissey Limited (PDF, 1.26MB, To remain buried in November Pipelines 43 pages) situ 2015 Removal of topsides October and jackets to 3x fixed platforms shore for 2015 recycling/disposal <u>Thames Area –</u> Perenco UK Removal to shore Thames Complex Limited Subsea October (PDF, 15.9MB, for Installations 2015 recycling/disposal 76 pages) To remain buried in October **Pipelines** situ 2015 Removal to shore October Subsea for Thames Area -Installations 2015 Perenco UK recycling/disposal <u>Gawain</u> Limited (PDF, 3.8MB, 47 To remain buried in October **Pipelines** pages) situ 2015 Removal to shore Subsea October for <u>Thames Area –</u> Installations 2015 Perenco UK recycling/disposal <u>Arthur</u> Limited (PDF, 4.41MB, To remain buried in October **Pipelines** 46 pages) situ 2015 Removal of topside Brent - Brent Shell U.K. to shore for <u>Delta Topside</u> Brent Delta Topside July 2015 Limited recycling and (PDF, 3.55MB, disposal 72 pages)

Harding Submerged

Rose Decommissioning Programmes (PDF, 2.87MB, 42 pages)	l 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
Stamford (PDF, 2.71MB, 39 pages)	Centrica North Sea Gas — Limited	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)		Pipelines	Export pipeline decommissioned in situ with remedial rock placement. Infield Flowlines to be removed for recycling/disposal.	August 2014
<u>Rubie & Renee</u> (PDF, 2.47MB,	Endeavour Energy UK –	Subsea Installations	Removal to shore for recycling/disposal	April 2014
50 pages)	Limited	Pipelines	Selective Recovery	April 2014
<u>Miller</u> (PDF, 6.57MB, 198 pages)	BP Exploration (Alpha) Limited	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
<u>IVRR –</u> decommissoning programme (DDE 1 57MR		FPS0	Removal for re-use at different location	2013
(PDF, 1.57MB, 102 pages) <u>IVRR Close Out</u> <u>Report</u>	Hess limited —	Subsea installations	Removal to shore for recycling/disposal	2013
(PDF, 4.74MB, 35 pages)		Pipelines	Selective recovery	2013

<u>Camelot</u> (PDF, 488KB, 39 pages)	9 Energy Resource		Small Steel Platform	Removal to shore for recycling / disposal	2012
<u>Camelot Close</u> <u>out report</u> (PDF, 2.27MB, 41 pages)	Technology (UK) Limited	_	Pipelines	Pipelines decommissioned in situ	2012
<u>Fife, Flora,</u> <u>Fergus, Angus:</u>			FPS0	Removed for re-use at different location	2012
<pre>decommissioning programme (PDF, 8.36MB, 135 pages)</pre>) 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	
Don	Britoil Public		Subsea installation	Removal to shore for recycling / disposal	2011
<u>Don</u>	Limited – Company	_	Pipelines	Decommissioned in situ with selective recovery	2011
Welland	Perenco UK Limited	Perenco UK Limited	Small Steel Platform	Removal for re-use outside of UK waters	2010
wettanu			Pipelines	Decommissioned in situ with selective recovery	2010
			Subsea installation	Removal to shore for recycling	2010; close-out report received January 2011
<u>Tristan NW</u> <u>Close out</u> <u>report</u>	Silverstone Energy Limited	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 2011

			Sevan Voyageur FPSO	Tow away for future use at another location	2010; close-out report received February 2012
<u>Shelley</u> <u>Close out</u> <u>report</u>	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
<u>Kittiwake SAL</u> Export System <u>Close out</u> 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	
<u>MCP-01</u> <u>Close out</u> <u>report</u>	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> Loading Buoy	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
<u>Linnhe Close</u> <u>Out Report</u> (PDF, 1000KB, 22 pages)	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
<u>Indefatigable</u> <u>(Shell)</u> (PDF, 11.6MB,			6 x fixed steel platforms	Removal to shore	2007
224 pages) <u>Close Out</u> <u>Report</u> (PDF, 2.47MB, 64 pages)	Shell U.K. Limited	_	Pipelines	2 x hose bundles removal to shore; 5 x infield + export decommissioned in situ	
<u>NW Hutton:</u> <u>decommissioning</u> <u>programme</u> (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
<u>Close Out</u> <u>Report</u> (PDF, 2.52MB, 32 pages)			Pipelines	Decommissioned in situ	2006
Ardmore	British American Offshore Limited	-	Mobile Jack-Up Rig	Re-use	2005
Ardmore	Ugland Nordic Shipping AS	_	Single Anchor Loading Systems	Re-use/removal to shore	2005
Ardmore	Acorn Oil & Gas Limited	-	Pipelines Subsea equipment including guide frame	Re-use Removal to shore	2005 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 Concrete	report
<u>Frigg TP1, QP a</u> <u>CDP1</u> <u>Close out</u> <u>report</u>	& Total E&P Norge AS	_	Treatment Platform 1 (TP1), Quarters Platform (QP) and Concrete Drilling Platform 1 (CDP1)	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	<pre>1 x removal to shore; 1 x decommissioned in situ (with future monitoring programme)</pre>	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	racionan		Pipelines	Removal to shore	2000
Durward and	Amerada Hess	_	FPS0	Re-use	2000
Dauntless			Subsea Facilities	Removal to shore	2000
			Large Steel Gravity Platform	,Removal to shore for re-use or recycling	2000
<u>Maureen and</u> Moira	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	BP	_	FPS0	Re-use	1998
			Single Anchor Leg Mooring Buoy	Removal to shore	1998
Fulmar SALM	Shell	-	16" Pipeline	Decommissioned in situ	1998
			FPS0	Re-use	1996
Emerald	MSR	-	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	BHP	-	2 x Fixed Steel Platform	Removal to shore	1995
Gordon BW	BHP	_	Fixed Steel Platform	Removal to shore	1995
Angus	Amerada Hess	_	Floating Production, Storage and Offloading (FPSO) Vessel	Re-use	1993
Forbes AW	Hamilton	BHP	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		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		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 <u>Claire Grant</u> 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.

А

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

is available - (December 2015).

Α

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

is also available (December 2015).

A word version of these templates can also be requested from OPRED. Please email <u>The Offshore Decommissioning Unit</u> for further details.

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 <u>Guidance on charging a fee for offshore (oil and gas) installations and</u> <u>pipelines under the Petroleum Act 1998</u> (PDF, 308KB, 9 pages)