

ACOPS

ADVISORY COMMITTEE ON PROTECTION OF THE SEA

**ANNUAL SURVEY OF REPORTED DISCHARGES
ATTRIBUTED TO VESSELS AND OFFSHORE OIL AND GAS
INSTALLATIONS OPERATING IN THE UNITED KINGDOM
POLLUTION CONTROL ZONE
2012**

Dr Trevor Dixon

A survey conducted on behalf of the Maritime and Coastguard Agency

Cambridge, March 2013

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**Advisory Committee on Protection of the Sea,
c/o MCSC,
Trinity College (Julian Hunt),
Cambridge CB2 1TQ**

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SUMMARY

The Maritime and Coastguard Agency (MCA) exercises Central Government's statutory responsibilities for taking action when oil or hazardous and noxious substances emanating from any at-sea activity threatens the United Kingdom or its surrounding waters. As part of its commitment to provide cleaner seas around the United Kingdom, the MCA publishes, via ACOPS, an annual survey of reported discharges attributed to vessels and offshore oil and gas installations operating in the United Kingdom Pollution Control Zone (UKPCZ). The annual survey results complement historical data and records and enable MCA's Counter Pollution and Response (CPR) Team to monitor trends in the number of incidents, the amount of oil and chemicals spilt, the geographical distribution of spills, the sources of pollution and the nature of the pollution.

Following analysis of 1,553 incident reports and supporting information, 632 separate accidental discharges from vessels and offshore oil and gas installations were identified in the survey area during 2012. An overall reduction of 5.5% was evident in the total number of incidents reported from all sources over the previous year's total.

A total of 155 vessel-sourced discharges were reported during 2012 which was 5 more than the previous year's total but significantly fewer than the mean annual total of 196 reported discharges between 2000 and 2011.

A total of 477 accidental discharges were reported by offshore oil and gas installations during 2012 representing an 8% reduction on the previous year's total.

Further analysis of these statistics showed that the total of 248 oil reports from offshore oil and gas installations during 2012 was the lowest recorded since 2004 and 31 fewer than the mean annual total of 279 discharges reported between 2000 and 2011.

The total of 229 non-mineral oil reports by offshore installations during 2012, primarily those involving chemical substances, was 11 fewer than the total recorded during the previous year.

The reported incidents from all sources during 2012 comprised 62.7% mineral oils, 36.5% chemicals (including oil-based mud) and 0.8% other substances (including vegetable and animal oils).

Approximately 84% of all reported accidental discharges were in the open sea, 14% were in ports and harbours and 2% were across the remaining marine environmental zones. Survey respondents submitted details of 91 incidents involving accidental discharges from vessels operating in ports and harbours during 2012 which was 16 fewer compared with the mean annual total of 107 discharges between 2000 and 2011.

Estimated volumes of accidental discharges were recorded in 583 incident reports, or 92% of the total. The modal class for oil discharges was again less than 455 litres but

larger spill volumes of between 456 litres and approximately 605.5 tonnes were recorded in 7 of the 11 survey enumeration areas. In total 8% of all oil discharges were greater than 455 litres, when this information was recorded, compared with 7% during the previous year.

The largest reported oil discharge, with an estimated maximum volume of 605.5 tonnes and occupying a maximum area of approximately 141 km², was reported by the Tartan installation on 28 August. The surface sheen was attributed to an unidentified passing vessel and later dispersed naturally without posing a risk to the shoreline.

The modal class for chemical spills was also less than 455 litres but 49 releases, or 20% of the total, were of 1 tonne or more. The largest chemical incident involving a release of 138,829 kg of water based mud from the *Noble Byron Welliver* installation was caused by a fraction in the formation on 17 December. Lost circulation material was re-circulated and a cement plug set to prevent further release.

At least 23 confirmed discharges were attributed to vessel casualties including 13 pleasure craft and workboats, 8 fishing vessels, a general cargo vessel and a tug. The vessel-casualty spills occurred in all enumeration areas with the exception of the Bristol Channel & South Wales and the UKCS enumeration areas. The largest vessel-casualty spill of 7 tonnes of diesel occurred after the general cargo vessel MV *Carrier* (1,584 gt, built 1985) ran aground in a strong gale near Rayes Jetty in Llanddulas on 3 April. Approximately 24 tonnes of remaining fuel oil, along with oily water and other hazardous materials, were removed from the grounded vessel which was later cut into sections and removed from the shoreline for recycling.

Reporting organisations submitted details of a single successful prosecution brought by the competent authorities during 2012. The owners of the oil/chemical tanker *Ganges Star* (8,537 gt, built 2010) were fined £4,015 with costs totalling £11,136 following a 1-tonne diesel oil discharge during a bunkering operation in Falmouth Bay on 8 July.

Observations from air surveillance patrols and a satellite surveillance programme were again employed by the MCA and DECC to help identify discharges at sea.

SECTION 1: INTRODUCTION AND SURVEY DESIGN

1.1 INTRODUCTION

1.1.1 Since 1965 the Advisory Committee on Protection of the Sea (ACOPS) has compiled statistics and other information on different types of marine pollution in the waters around the British Isles. The competent authorities and other stakeholder groups have used this information for a wide range of purposes including policy and planning decisions, evaluations of particular programmes, assessments of regulatory compliance levels, development of risk assessment models and to support educational campaigns. Examples of organisations that have consulted the survey data include the Department for Transport, European Commission, International Maritime Organisation, Local Authority Associations, Marine Management Organisation, the Scottish Government and the Welsh Assembly Government.

1.1.2 The Maritime and Coastguard Agency (MCA) exercises Central Government's statutory responsibilities for taking action when oil or other hazardous and noxious substances emanating from any at-sea activity threatens the United Kingdom or its surrounding waters. As part of its commitment to provide cleaner seas around the United Kingdom, the MCA publishes, via ACOPS, an annual survey of reported discharges attributed to vessels and offshore oil and gas installations operating in the United Kingdom Pollution Control Zone (UKPCZ). The survey results complement historical data and records and enable MCA's Counter Pollution and Response (CPR) Team to monitor trends in the number of incidents, the amount of oil and chemicals spilt, the geographical distribution of spills, the source of pollution and the nature of the pollution.

1.2 SURVEY DESIGN

1.2.1 In accordance with the MCA's survey specification a two-page questionnaire was designed to capture information relating to discharges of oil and other hazardous and noxious substances from vessels and offshore oil and gas installations. The survey area included the UKPCZ and adjacent areas of jurisdiction including ports, harbours and tidal stretches of rivers and estuaries. The boundaries of the UKPCZ are shown in **Figure 2**. The survey questionnaire and accompanying guidelines are provided in **Appendix 2**.

1.2.2 The survey questionnaire was distributed to the appropriate representatives of coastal local authorities, port and harbour authorities, national environment agencies and animal welfare groups. In addition, questionnaire responses were supplemented with Petroleum Operation Notices (PON 1s) provided by the Department of Energy and Climate Change's (DECC) Offshore Environment Unit and Pollution Reports (POLREPS) provided by the MCA. PON 1s are submitted to DECC by offshore oil and gas installations operators for all unpermitted oil or chemical releases to sea regardless of the volume lost. The resulting information was entered into a

database identifying separate pollution incidents by date, location and other survey attributes.

- 1.2.3** Following analysis of data the survey results were presented in a range of different formats. In **Section 2** descriptive statistics are provided for reported discharges including some numerical trends with 2000 as the base year and also including categories and types of polluting substances, geographical locations and distributions of incidents, amount and extent of reported pollution, sources, details of prosecutions brought by the competent authorities and reporting effort.
- 1.2.4** In **Section 3** summary reports are provided for all larger discharges of 2 tonnes or more. Further information is provided in **Section 4** for each of 11 geographical areas around the United Kingdom including the causes of particular incidents and counter-pollution responses where appropriate.
- 1.2.5** Elements of the survey quality assurance programme are outlined in **Section 5** including the number of incident reports compiled from information submitted by two or more reporting organizations. Moreover, the current database is provided in **Appendix 1** as part of the quality assurance programme in order to ensure the reliability and accuracy of the survey results. This is further enhanced by posting the survey report on the MCA's website as a publicly available document for scrutiny by all interested stakeholder groups.
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SECTION 2: DESCRIPTIVE STATISTICS AND TREND ASSESSMENTS

2.1 NUMERICAL TRENDS IN REPORTED DISCHARGES

- 2.1.1** Following analysis of 1,553 incident reports and supporting information, 632 separate discharges from vessels and offshore oil and gas installations were identified within the survey area during 2012. An overall reduction of 5.5% was evident in the total number of incidents reported over the previous year's total.
- 2.1.2** Trends in annual totals for reported discharges between 2000 and 2012 are displayed in **Figure 1**, including separate line graphs for vessels and offshore oil and gas installations.
- 2.1.3** A total of 155 vessel-sourced discharges were reported during 2012 which was 5 more than the previous year's total but significantly fewer than the mean annual total of 196 reported discharges between 2000 and 2011.
- 2.1.4** A total of 477 accidental discharges were reported by offshore oil and gas installations during 2012 representing an 8% reduction on the previous year's total.
- 2.1.5** Further analysis of these statistics showed that the total of 248 oil reports from offshore oil and gas installations during 2012 was lowest total recorded since 2004 and 31 fewer than the mean annual total of 279 discharges reported between 2000 and 2011.
- 2.1.6** The total of 229 non-mineral oil reports by offshore installations during 2012, primarily those involving chemical substances, was 11 fewer than the total recorded during the previous year. Further details are provided in **Appendix 1**.

2.2 CATEGORIES OF REPORTED DISCHARGES

- 2.2.1** In **Table 1** statistics are provided showing the different categories and numbers of discharges reported during 2011 and 2012 for each of 11 enumeration areas. Geographical boundaries of each enumeration area and the complete survey area are shown in **Figure 2**. It should be noted that the statistics for discharges in the United Kingdom Continental Shelf (UKCS) Oil and Gas enumeration area have been presented in two source categories: offshore oil and gas installations, and vessels.
- 2.2.2** The discharges from all sources reported during 2012 comprised 62.7% mineral oils, 36.5% chemicals (including oil-based mud) and 0.8% other substances (including vegetable and animal oils). During 2012 there were no reports of any observed discharges of garbage at sea from vessels or offshore oil and gas installations.

Figure 1: Annual totals for reported discharges attributed to vessels and offshore oil and gas installations 2000-2012.

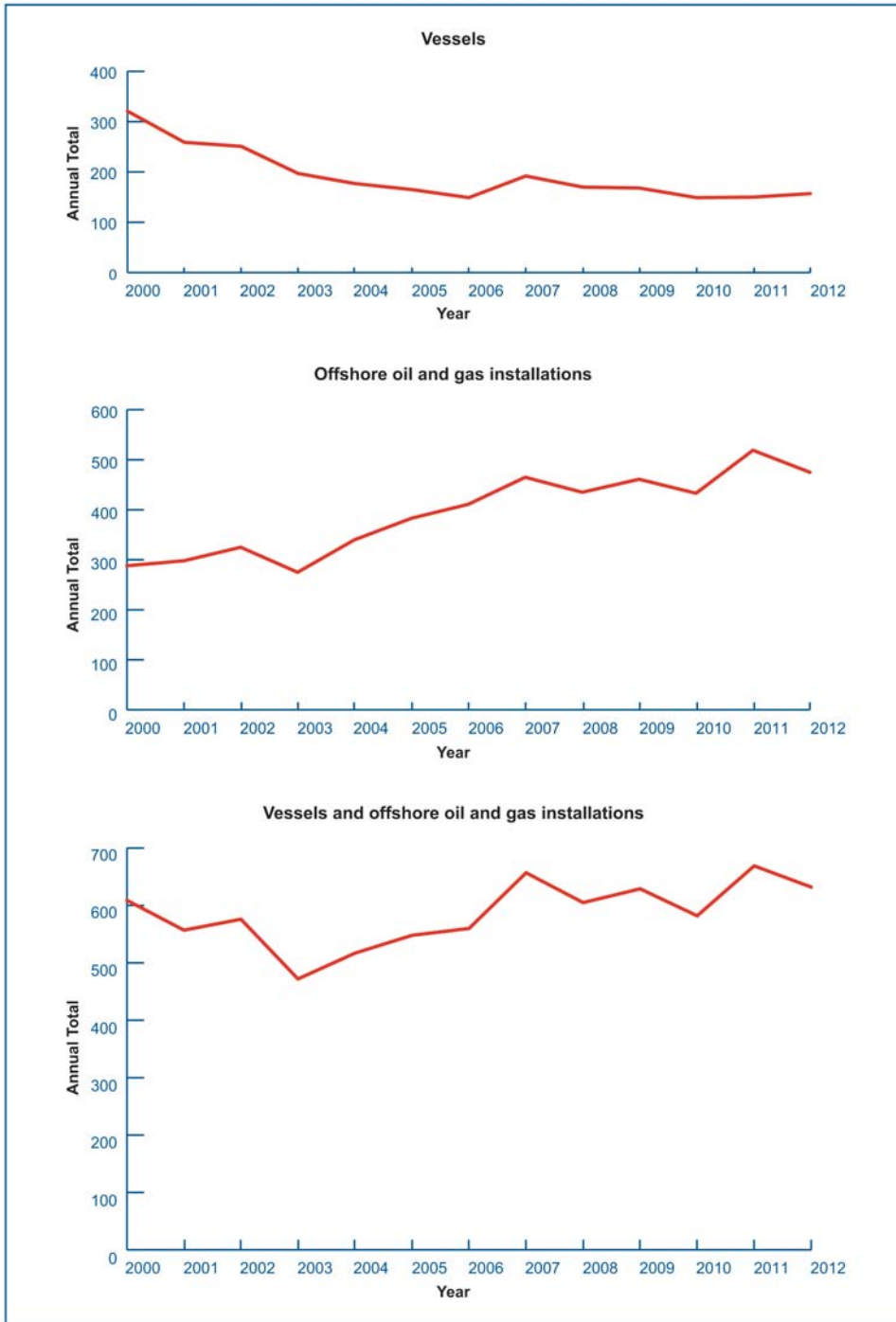
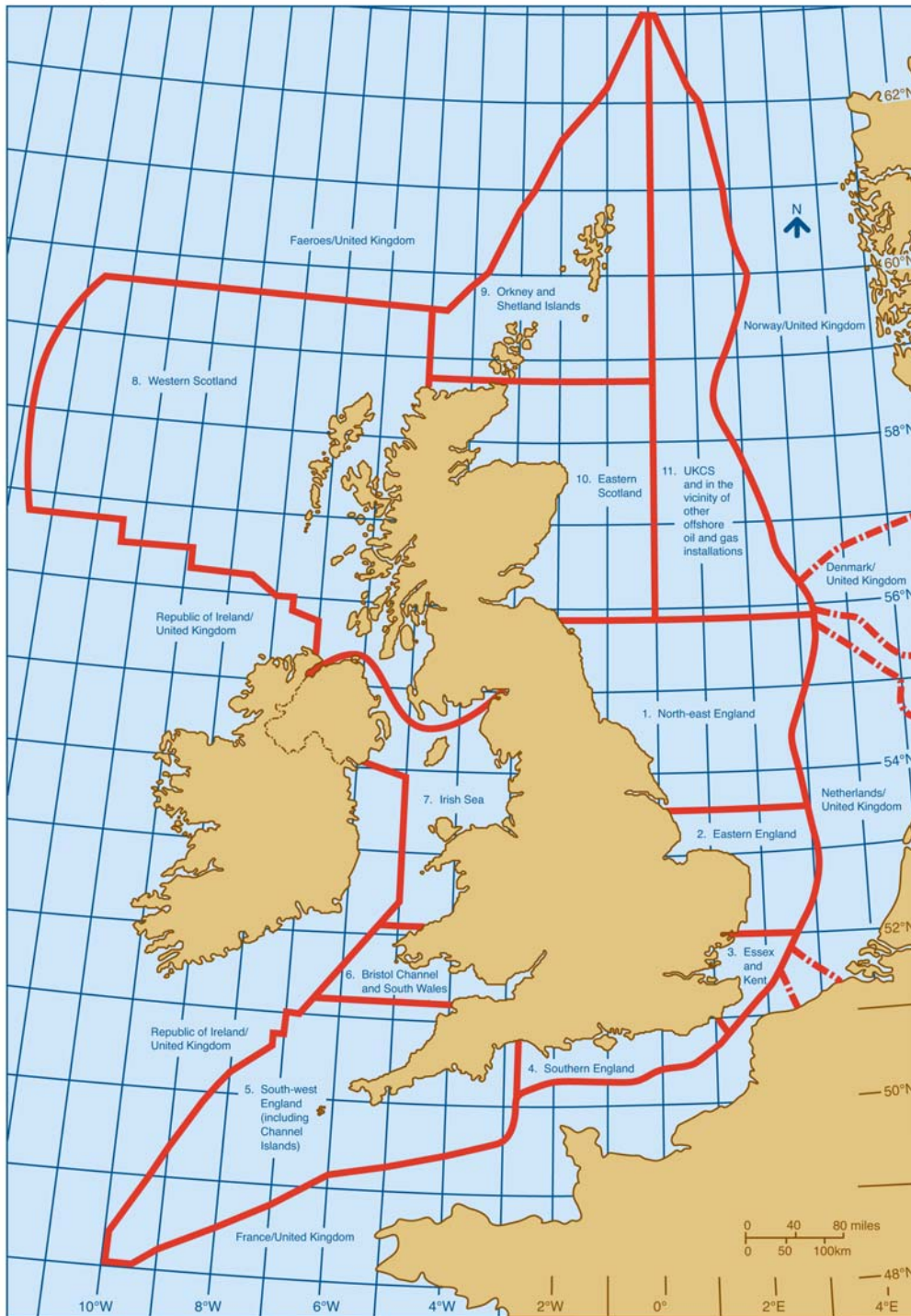


TABLE 1: TOTAL INCIDENTS REPORTED BY CATEGORY OF POLLUTION AND ENUMERATION AREA FOR 2011 AND 2012 ^(a).

Enumeration Area	Mineral oils	Garbage	Vegetable & animal oils	Chemicals	Other substances	Totals
1. North-east England	12 (9)	- (-)	- (-)	- (-)	1 (-)	13 (9)
2. Eastern England	5 (6)	- (-)	- (-)	- (-)	- (1)	5 (7)
3. Essex & Kent	11 (12)	- (-)	1 (-)	- (-)	- (-)	12 (12)
4. Southern England	19 (12)	- (-)	- (3)	- (-)	1 (1)	20 (16)
5. South-west England	17 (17)	- (-)	- (-)	1 (-)	- (-)	18 (17)
6. Bristol Channel & South Wales	4 (8)	- (-)	- (-)	- (-)	- (-)	4 (8)
7. Irish Sea	7 (8)	- (-)	- (1)	- (2)	- (-)	7 (11)
8. Western Scotland	10 (18)	- (-)	- (-)	- (-)	- (-)	10 (18)
9. Orkney & Shetland Islands	6 (5)	- (-)	- (-)	- (-)	- (-)	6 (5)
10. Eastern Scotland	22 (23)	- (-)	2 (-)	1 (-)	- (-)	25 (23)
11. UKCS oil & gas installations	246 (279)	- (-)	- (-)	229 (240)	- (-)	475 (519)
11. UKCS vessels	37 (24)	- (-)	- (-)	- (-)	- (-)	37 (24)
Totals	396 (421)	- (-)	3 (4)	231 (242)	2 (2)	632 (669)

^(a) The figures in parenthesis are the corresponding values from the 2011 survey.

Figure 2: Boundaries of UK Pollution Control Zone and individual enumeration areas.



2.3 LOCATIONS OF REPORTED DISCHARGES

- 2.3.1** The geographical location of each reported discharge has been identified in **Appendix 1** together with other information for each incident. To facilitate comparisons with previous years' data, reported locations of all vessel-source oil discharges in the open sea, nearshore waters and estuaries during 2012 are plotted in **Figure 3**. Data for ports have been grouped separately for England, Wales, Scotland and Northern Ireland.
- 2.3.2** The overall geographical pattern for vessel-source oil discharges in the survey area during 2012 showed more frequent reports of incidents across 5 enumeration areas, with the highest density of reported incidents in the open sea occurring in the vicinity of North Sea oil and gas installations.
- 2.3.3** The geographical locations of all discharges are further analysed by their distribution across five marine environmental zones in each enumeration area: open sea; tidal river or estuary; bay or nearshore waters; beach or shore; and port or harbour. The results are presented in **Table 2**, which shows that 84% of all discharges were reported in the open sea, 14% in ports or harbours and 2% across the remaining zones.
- 2.3.4** Reporting organisations submitted details of 91 incidents involving discharges of polluting substances from vessels operating in ports or harbours during 2012, which was 16 fewer than the mean annual total of 107 discharges between 2000 and 2011. Further details are provided in **Section 4**.

2.4 AMOUNT AND EXTENT OF REPORTED POLLUTION

- 2.4.1** Information describing observed dimensions and volumes of pollution for each enumeration area is presented in **Table 3**. It should be noted that the extent of pollution for incidents occurring within the UKCS enumeration area 11 was determined by the observed approximate release area of water surface pollution in 2 categories: up to 1.6 km²; or above 1.6 km². Estimates for volumes of discharges were not confirmed in written reports for 49 incidents or 8% of the total reported.
- 2.4.2** Excluding discharges from offshore oil and gas installations and vessels operating in the UKCS area 11, approximately 5% of oil slicks or sheens were greater than 1.6 km in length when this information was reported. Broadly comparable statistics from the 2000, 2005 and 2010 surveys were 12%, 7% and 10% respectively.

Within the UKCS area 11 a release area of water surface pollution greater than 1.6 km² was reported in 12 incidents following oil discharges.

- 2.4.3** The modal class for all oil discharges was less than 455 litres but larger estimated maximum volumes of between 456 litres and 605.5 tonnes were recorded in 7 of the 11 survey enumeration areas. In total, 8% of all oil discharges (including 2 ongoing releases) were greater than 455 litres when this information was recorded, compared with 7% during the previous year (Refer to **Table 3** and **Appendix 1 Table 11**).

Figure 3: Locations of reported oil discharges attributed to vessels.

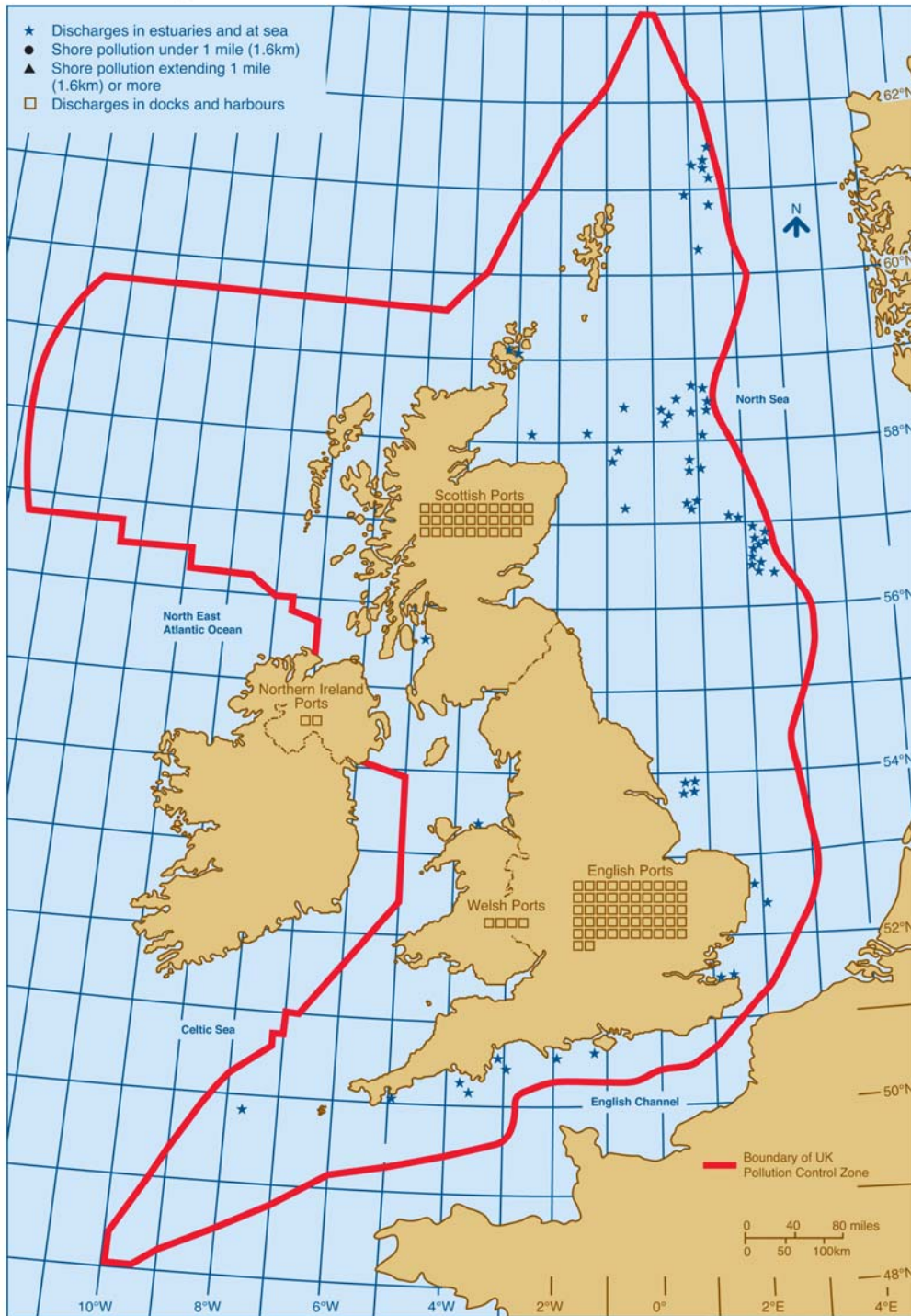


TABLE 2: TOTAL INCIDENTS REPORTED AND DISTRIBUTION BY MARINE ENVIRONMENTAL ZONE AND ENUMERATION AREA ^(a).

Enumeration area	Open sea	Tidal river/ estuary	Bay/nearshore waters	Beach/shore	Port/harbour	Totals
1. North-east England	5 (1)	-	-	-	8	13 (1)
2. Eastern England	1	-	1	-	3	5
3. Essex & Kent	1 (1)	-	2	-	9	12 (1)
4. Southern England	2	-	-	1 (1)	17	20 (1)
5. South-west England	5	-	1	-	12 (1)	18 (1)
6. Bristol Channel & South Wales	-	-	-	-	4	4
7. Irish Sea	-	-	1	-	6	7
8. Western Scotland	1	-	-	-	9	10
9. Orkney & Shetland Islands	-	-	2	-	4	6
10. Eastern Scotland	6	-	-	-	19 (3)	25 (3)
11. UKCS oil & gas installations	475 (229)	(b)	(b)	(b)	(b)	475 (229)
11. UKCS vessels	37	(b)	(b)	(b)	(b)	37
Totals	533 (231)	- (-)	7	1 (1)	91 (4)	632 (236)

^(a) The figures in parenthesis are included in the totals and refer to incidents involving discharges of substances other than mineral oil.

^(b) Not applicable.

TABLE 3: AMOUNT AND EXTENT OF REPORTED POLLUTION BY ENUMERATION AREA^(a).

Enumeration area	Extent of pollution ^(b)				Estimated volumes of discharges				
	Water surface		Shoreline		1-455 litres	456 litres – 999 litres	1-50 tonnes	>50 tonnes	Not known
	≤1.6 km	>1.6 km	≤ 1.6 km	> 1.6 km					
1. North-east England	12 (1)	1	-	-	7	-	2 (1)	-	4
2. Eastern England	5	-	-	-	3	-	-	-	2
3. Essex & Kent	12 (1)	-	-	-	7	-	1	-	4 (1)
4. Southern England	18	1	-	1 (1)	6	-	1	-	13 (1)
5. South-west England	16 (1)	2	-	-	7	-	3	-	8 (1)
6. Bristol Channel & South Wales	4	-	-	-	2	-	-	-	2
7. Irish Sea	6	1	-	-	3	1	2	-	1
8. Western Scotland	10	-	-	-	4	-	-	-	6
9. Orkney & Shetland Islands	6	-	-	-	5	-	-	-	1
10. Eastern Scotland	24 (3)	1	-	-	20 (3)	1	-	-	4
11. UKCS oil & gas installations	^(c) 472 (229)	^(c) 3	^(d)	^(d)	^(e) 402 (168)	31 (25)	53 (46)	3 (2)	-
11. UKCS vessels	^(c) 28	^(c) 9	^(d)	^(d)	20	3	7	3	4
Totals	613 (235)	18 (-)	- (-)	1 (1)	486 (171)	36 (25)	69 (47)	6 (2)	49 (3)

^(a) The figures in parenthesis are included in the totals and refer to incidents involving discharges of substances other than mineral oil.

^(b) The units given are the maximum observed dimensions of pollution on water or the shoreline.

^(c) Approximate release area of water surface pollution <1.6 km² or >1.6 km².

^(d) Not applicable.

^(e) The figures include the 2012 volumes of discharges from 22 ongoing incidents that commenced during 1999, 2006, 2007, 2009, 2010 and 2011 and the figures exclude the volumes of discharges from 8 incidents that commenced during 2012 and were under investigation at the time of reporting (Refer to **Appendix 1 Table 11**).

- 2.4.4** The largest oil discharge with an estimated maximum volume of 605.5 tonnes and occupying a maximum area of approximately 141 km² was reported by the Tartan installation on 28 August. Oil samples were taken to help identify the source of the discharge but the results were not available at the time of reporting. The surface sheen later dispersed naturally without posing a risk to the shoreline (Refer **3.1 UKCS/1856**).
- 2.4.5** The modal class for chemical spills was also less than 455 litres but 49 releases, or 20% of the total (including 9 ongoing releases), were of 1 tonne or more. The largest chemical incident involving a release of 138,829.09 kg of water based mud from the *Noble Byron Welliver* installation was caused by a fraction in the formation on 17 December. Lost circulation material was re-circulated and a cement plug set to prevent further release (Refer **3.2 UKCS/1861**).
- 2.4.6** In **Section 3** details are provided for all reports involving releases or discharges of 2 tonnes or more during 2012 including 8 incidents that commenced during previous years.

2.5 CATEGORIES AND TYPES OF POLLUTION

- 2.5.1** Statistics showing the different categories and types of polluting substances are presented in **Table 4**. Mineral oils were again the most frequently recorded category of polluting substances and were identified in 63% of incident reports. Crude oils accounted for 15% of the identified types of mineral oil discharges, this figure being 4% less than the previous year's. The largest crude oil spill, with an estimated volume of 60.01 tonnes was reported by the BP Exploration Company Limited following a release from the *Foinaven field subsea flowline*. A crack in a flow termination assembly was identified as the cause of the incident. BP replaced the assembly and reviewed and adjusted operating parameters for their subsea infrastructure to prevent recurrence (Refer **3.4/UKCS/1327**).
- 2.5.2** Bunker, diesel, fuel and gas oils were again spilt in varying quantities from vessels or oil and gas installations on 133 occasions, 32 fewer than the previous year's total, across all enumeration areas. The spills were reported most frequently in the UKCS, southern England and south-west England enumeration areas.
- 2.5.3** The largest diesel spill of 7 tonnes occurred after the general cargo ship MV *Carrier* (1,584 gt, built 1985) ran aground in a strong gale near Rayes Jetty in Landdulas on 3 April (Refer **4.7.3**).
- 2.5.4** Lubrication and hydraulic mineral oil spills were recorded in 6 of the 11 survey enumeration areas with 90 spills attributed to offshore oil and gas installations. The largest spill of 12.372 tonnes of hydraulic oil was reported by TAQA Bratani Limited following a subsea leak from the *Kestrel Subsea Completion PI* on 22 February. The BUTA4 terminal involved in the release was later taken out of service (Refer **3.17/UKCS 1350**).

TABLE 4: IDENTIFICATION OF A SOURCE OF POLLUTION AND REPORTED TYPE BY ENUMERATION AREA.

Enumeration Area	Vessel/offshore pollution source ^(b)		Types of pollution ^(a)												
			Mineral oils					Garbage			Other substances				
	Identified	Suspected	1	2	3	4	5	6	7	8	9	10	11	12	13
1. North-east England	8	5 (1)	1	4	3	-	4	-	-	-	-	-	-	-	1
2. Eastern England	5	-	1	3	-	1	-	-	-	-	-	-	-	-	-
3. Essex & Kent	10 (1)	2	-	6	2	2	1	-	-	-	1	-	-	-	-
4. Southern England	19	1 (1)	-	15	1	3	-	-	-	-	-	-	-	1	-
5. South-west England	14 (1)	4	-	15	-	1	1	-	-	-	-	-	1	-	-
6. Bristol Channel & South Wales	4	-	-	2	-	2	-	-	-	-	-	-	-	-	-
7. Irish Sea	7	-	-	7	-	-	-	-	-	-	-	-	-	-	-
8. Western Scotland	9	1	-	6	2	1	1	-	-	-	-	-	-	-	-
9. Orkney & Shetland Islands	5	1	-	5	-	-	1	-	-	-	-	-	-	-	-
10. Eastern Scotland	21 (3)	4	-	10	3	4	5	-	-	-	2	1	-	-	-
11. UKCS oil & gas installations	475 (229)	-	42	59	90	28	27	-	-	-	-	16	213	-	-
11. UKCS vessels	-	37	4	1	-	-	32	-	-	-	-	-	-	-	-
Totals	577 (234)	55 (2)	48	133	101	42	72	-	-	-	3	17	214	1	1
Percentage of total reports	91	9	8	21	16	7	11	-	-	-	0.5	2.7	33.9	0.2	0.2

Key: Mineral Oils **1:** Crude oil. **2:** Bunker, diesel, fuel and gas oils. **3:** Lubrication & hydraulic oils. **4:** Other oil types.
5: Unidentified oil.
Garbage **6:** Galley wastes. **7:** Other garbage types. **8:** Unidentified type of garbage.
Other substances **9:** Animal & vegetable oils. **10:** Oil-based mud products.
11: Other chemical substances. **12:** Other substances. **13:** Unidentified substances.

^(a) The figures are frequencies for each of the categories shown and more than one entry may be made for each pollution incident.

^(b) The figures in parenthesis are included in the totals and refer to incidents involving discharges of substances other than mineral oils.

- 2.5.5** Respondents described the remaining types of mineral oil discharges as bilge oils, oily water, weathered or semi-weathered residues, sludge and various waste oils. The largest discharge in this category, 1 tonne of oily bilge water, occurred on 4 March following an overflow from a vent pipe onboard the RO-RO ferry *Spirit of France* (47,529 gt, built 2011) in Dover Harbour. The pollution was quickly broken up and dispersed using propeller wash from a harbour patrol launch (Refer **4.3.2**).
- 2.5.6** A total of 236 reports referred to incidents involving discharges of substances other than mineral oils during 2012 compared with 248 discharges during 2011. Seven incidents followed discharges from vessels operating in ports and in the open sea. The Rough BD platform reported a black slick composed of a carbonaceous substance and with an estimated maximum volume of 4.08 tonnes drifting towards the platform on 28 June. Six reporting organisations provided a detailed account of a beach pollution incident after small lumps of paraffin wax were washed ashore intermittently along a 35 km stretch of coastline between Ventnor on the Isle of Wight and Ferring in West Sussex during November and December. The source of the wax was believed to have been a discharge from an unidentified vessel (Refer **4.4.5**).
- 2.5.7** Offshore operators reported 229 accidental discharges of chemical substances during 2012 compared with 240 discharges during the previous year. The identified substances were associated with exploration and production operations and included barite, glycol solutions, hydraulic fluids, methanol and sodium. The estimated volumes of accidental chemical discharges ranged from 0.001 kg to 138, 829 kg and 48 discharges were 1 tonne or more. Further details are provided in **Section 3** and **Appendix 1**.
- 2.5.8** Chemicals are required to be used as part of offshore exploration and production operations. The vast majority of chemicals spilled are regulated under the provisions of the Offshore Chemicals Regulations 2002 (OCR) for normal operational use and discharge to sea. Under the provisions of OCR each operational chemical is assessed to determine its potential environmental impact.

2.6 REPORTED SOURCES OF POLLUTION

- 2.6.1** The figures in **Table 4** show for each enumeration area the numbers of incidents in which reporting organisations either identified a specific source of pollution or suspected a vessel or offshore pollution source. The statistics for the identified sources of pollution are further analysed in **Table 5** to show the different types of vessels. Additional details including the names of vessels or installations are provided in **Appendix 1**.
- 2.6.2** This method of analysis showed that oil and gas installations operating on the UKCS, and in ports, accounted for 83% of all identified reports of pollution compared with 82% during the previous year. Corresponding statistics for pleasure craft, fishing vessels, general cargo vessels and the remaining types of vessels were 4%, 3.6%, 2.2% and 7.4% respectively.

TABLE 5: REPORTED SOURCE OF POLLUTION BY ENUMERATION AREA^(a).

Enumeration area	MCT	MFV	MSV	MT	MV	OOI	PC	WR	O
1. North-east England	-	2	1	3	-	-	1	-	1
2. Eastern England	-	1	1	1	-	-	1	-	1
3. Essex & Kent	-	2	-	1 (1)	2	-	2	-	3
4. Southern England	-	-	-	2	1	-	14	-	2
5. South-west England	-	5	-	2 (1)	3	-	1	-	3
6. Bristol Channel & South Wales	-	3	-	-	1	-	-	-	-
7. Irish Sea	-	1	-	-	3	-	1	-	2
8. Western Scotland	-	4	-	-	2	-	1	-	2
9. Orkney & Shetland Islands	-	-	2	-	-	-	1	-	2
10. Eastern Scotland	-	3	10 (2)	-	1	2	1	-	4 (1)
11. UKCS oil & gas installations	-	-	-	-	-	475 (229)	-	-	-
11. UKCS vessels	-	-	-	-	-	-	-	-	-
Totals	-	21	14 (2)	9 (2)	13	477 (229)	23	-	20 (1)

Key: **MCT:** Chemical tanker. **MFV:** Fishing vessel. **MSV:** Offshore support vessel. **MT:** Coastal oil tanker/VLCC.
MV: General cargo vessel. **OOI:** Offshore oil or gas installation. **PC:** Pleasure craft. **WR:** Wreck. **O:** Other type of vessel.

^(a) The figures in parenthesis are included in the totals and refer to incidents involving discharges of substances other than mineral oils.

- 2.6.3** Reporting organisations identified discharges from tankers on 9 occasions during 2012 compared with 10 occasions during the previous year. Port and harbour authorities reported tanker incidents at Falmouth, Fawley, ABP Humber, Southampton and Teesport. A Tier 2 Contractor was engaged to assist in a clean-up operation following a 1-tonne diesel spill from the small fleet tanker *RFA Black Rover* (7,892 gt, built 1974) while alongside at the Marchwood military port at Southampton. The incident occurred during a dock-to-ship refuelling operation. A tank overflow during a bunkering operation was identified as the cause of a 1-tonne diesel spill from the oil/chemical tanker *Ganges Star* (8,537 gt, built 2010) at Falmouth on 8 July. The oil/chemical tanker *Stolt Kite* (3,206 gt, built 1992) berthed at the Fawley Refinery was identified as the source of a 15-litre hydraulic oil spillage on 26 June and a clean-up operation was completed.
- 2.6.4** Two tanker incidents were identified in the open sea during 2012 compared to 6 incidents during the previous year. The crude oil tanker *Petropavlovsk* (57,683 gt, built 2002) reported a very minimal accidental discharge of crude oil into the sea on 14 March. On 27 March a surface sheen was identified trailing in the wake of the oil/chemical tanker *Sapphire T* (7,311 gt, built 2008) in the Dover Strait. Subsequent communications with the vessel determined a permissible discharge of tank washings containing vegetable oil residues.
- 2.6.5** At least 23 confirmed discharges were attributed to vessel casualties including 13 pleasure craft and workboats, 8 fishing vessels, a general cargo vessel and a tug. The vessel-casualty spills occurred in all enumeration areas with the exception of the Bristol Channel & South Wales and the UKCS enumeration areas. Moreover, vessel casualties accounted for 54% of all confirmed discharges attributed to pleasure craft and workboats and likewise 38% of all discharges attributed to fishing vessels. The corresponding statistics from the 2011 survey were 47% and 55% respectively. Further details identifying the likely causes of vessel casualties, when known, are provided in **Section 4** and **Appendix 1**.
- 2.6.6** Three of the largest vessel-casualty spills during 2012 were reported in the Irish Sea enumeration area. The general cargo ship MV *Carrier* (1,584 gt, built 1985) ran aground in a strong gale near Raynes Jetty in Llanddulas on 3 April. The vessel was holed in 3 places on the starboard side causing a 7-tonne diesel spillage. Approximately 24 tonnes of the remaining fuel oil, along with oily water and other hazardous materials were removed from the grounded vessel by 9 April. Over the following six weeks contractors cut the vessel into sections and removed them from the shoreline for recycling in Liverpool (Refer **4.7.3**). Four reporting organisations provided details of a 1-tonne diesel spill after the 17-metre long tug boat *Jaycee* sank alongside the South Quay at Holyhead Fish Dock on 14 August. During a clean-up operation 3 booms were deployed and a vacuum tanker removed approximately 1 tonne of diesel oil and 50 litres of lubrication oil from the vessel (Refer **4.7.4**). A fishing vessel sank on her mooring at Connah's Quay on 2 December causing a 50-litre diesel spill.

2.6.7 In Scotland the salmon tender *Robina III* went aground in the approaches to Kirkwall Harbour on 6 December causing a 50-litre diesel spill through a damaged feeder pipe. The yacht *E-Capoe* broke its mooring during a storm and was driven ashore in the same location on 29 December. The vessel was a total loss and although the main fuel tank was later recovered intact approximately 50-litres of diesel oil escaped to sea from a damaged header tank. On 8 April the flat top barge *Chain Surveyor* sank on her mooring in the Cromarty Firth causing a 20-litre diesel spill. A boom was deployed to contain the pollution which was then broken up and dispersed by propeller agitation from a pilot boat. The 27-metre long steel-hulled fishing vessel *Audacious* sank off Aberdeen on 10 August following a sudden ingress of water. A diesel sheen mixed with flotsam was later observed at the wreck site.

2.7 PROSECUTIONS

2.7.1 Details of a single successful prosecution brought by the competent authorities during 2012 are summarised in **Table 6**.

2.7.2 In a report submitted by the Falmouth Harbour Commissioners the oil/chemical tanker *Ganges Star* (8,537 gt, built 2010) was identified as the source of a 1-tonne diesel oil discharge in Falmouth Bay on 8 July. A subsequent investigation revealed that the spill was caused by a tank overflow through a vent during a bunkering operation. Following a prosecution brought by the Falmouth Harbour Commissioners the owners of the tanker were fined £4,015 with costs totalling £11,136 (Refer **4.5.4**).

2.8 REPORTING EFFORT

2.8.1 The number of incident reports received from each of 11 reporting organisations is shown in **Table 7**. The total number of reports received and processed was 1,553 from which 632 separate incidents were subsequently identified and entered into the 2012 database.

2.8.2 Observations from air surveillance patrols and a satellite surveillance programme were again employed to help identify discharges from vessels and offshore oil and gas installations operating in the UKPCZ (Refer **Section 4**).

TABLE 6: DETAILS OF PROSECUTIONS BROUGHT BY THE COMPETENT AUTHORITIES IN THE UNITED KINGDOM DURING 2012

Date and location of incident	Name of vessel or offshore installation and type of pollution	Prosecution brought by	Fine
8 July 2012 Falmouth Bay	MT Ganges Star, 1 tonne diesel oil	Falmouth Harbour Commissioners	^(a) £4,015

^(a) Including a £15 victim surcharge.

Prosecutions brought under Control of Pollution Act 1974, Merchant Shipping Act 1995, Merchant Shipping (Prevention of Oil Pollution) Regulations 1996, Merchant Shipping (Dangerous or Noxious Liquid Substances in Bulk) (Amendment) Regulations 1996, Merchant Shipping (Prevention of Pollution by Garbage) Regulations 1998, Offshore Chemicals Regulations 2002, Offshore Petroleum Activities (Oil Pollution Prevention and Control) Regulations 2005.

TABLE 7: TOTAL NUMBER OF INCIDENT REPORTS RECEIVED FROM EACH REPORTING ORGANISATION.

Reporting organisations	Total number of reports received
English and Welsh Local Authorities	119
Environment Agency for England and Wales	31
Inshore Fisheries and Conservation Authorities	9
Inshore Marine Fisheries Welsh Government	2
Northern Ireland Environment Agency	1
United Kingdom Ports	187
Maritime and Coastguard Agency	^(a) 611
DECC Offshore Environment Unit	475
Scottish Environment Protection Agency	25
Scottish Local Authorities	21
Scottish Society for the Prevention of Cruelty to Animals	72
Grand Total	1,553

^(a) The figure provided includes duplicate PON 1 reports provided by DECC which form part of the quality assurance process (Refer to **Section 5**).

SECTION 3: SUMMARY OF LARGER DISCHARGES (TWO TONNES OR MORE) DURING 2012

(Refer to **Section 4** and **Appendix 1** for further details of each incident)

The figures given below are indicative of the reported volumes of releases confirmed in written reports. However, incidents in which significant amounts of beach material were mixed with pollutants, or where the volumes released were not indicated or measured, are not included. The incidents are ordered according to spill size. Those that occurred over a period of time have been included at the end of this section.

3.1 UKCS 28 August: unidentified vessel (12-UKCS/1856)

The Tartan installation reported an oil slick drifting towards the platform occupying a maximum area of 141 km² and with an estimated maximum volume of **605.5 tonnes**. Oil samples were taken but the source of the discharge could not be identified. Surveillance flights showed that natural dispersion reduced the volume of the oil to less than 10 tonnes over a 12-hour interval.

3.2 UKCS 17 December: Noble Drilling *Noble Byron Welliver* (11-UKCS/1861)

Noble Drilling reported an incident involving a release from the Noble Byron Welliver of **138,829.09 kg** of water based mud due to a fraction in the formation. Lost circulation material was re-circulated and a cement plug set to prevent further release.

3.3 UKCS 25 June: unidentified vessel (12-UKCS/1808)

The Dunlin installation reported an oil slick covering an area of 2.6 km² with an estimated maximum volume of **110.5 tonnes**. A surveillance aircraft was tasked to the area but the source of the discharge could not be identified. Photographs and oil samples were taken for analysis. The sheen later dispersed naturally.

3.4 UKCS 29 January: BP Exploration Operating Company Limited *Foinaven FPSO – Petrojarl* (11 UKCS/1327)

BP Exploration Operating Company Limited reported an incident involving a release from the Foinaven field subsea flowline of **60.01 tonnes** of crude due to a crack in a flow termination assembly. BP replaced the assembly and reviewed and adjusted operating parameters for their subsea infrastructure to prevent recurrence.

3.5 UKCS 1 March: Nexen Petroleum UK Limited *Scott South Subsea Structure E* (11-UKCS/1837)

Nexen Petroleum UK Limited reported an incident involving a release from the Scott South Subsea Structure of **56,144 kg** of Oceanic HW540E due to failure of a hydraulic hose. Nexen isolated the release and used divers to swap out hoses.

3.6 UKCS 30 July: *unidentified vessel* (12-UKCS/1816)

An oil sheen occupying an area of 27 km² and with an estimated maximum volume of **50.83 tonnes** was reported drifting towards the Britannia installation. The sheen later dispersed naturally.

- 3.7 UKCS 27 November: Dana Petroleum Limited *Guillemot West (Triton) FPSO (11-UKCS/1741)***
Dana Petroleum Limited reported an incident involving a release from the Guillemot West (Triton) FPSO of **40,630 kg** of corrosion inhibitor Corton CK 929-G due to corrosion in a jumper hose termination at the splitter box. The splitter box was replaced with a straight jumper connection to prevent a recurrence of the incident.
- 3.8 UKCS 18 April: *unidentified vessel (12-UKCS/1848)***
The Fulmar installation reported a heavy crude oil sheen extending for 2.8 km and with an estimated maximum volume of **20.83 tonnes**. A standby vessel took oil samples and monitored the position of the sheen which later dispersed naturally.
- 3.9 North East England 2 July: *unidentified vessel (1-NE/1852)***
The Rough installation reported an oil slick with an estimated volume of **20 tonnes**. The source of the discharge could not be identified and the oil dispersed naturally.
- 3.10 UKCS 11 July: *unidentified vessel (12-UKCS/1811)***
The Fulmar installation reported an oil sheen drifting to the south of the platform with an estimated maximum volume of **19.68 tonnes**. A standby vessel dispatched a craft to take an oil sample but the source of the discharge could not be identified. The oil later dispersed naturally.
- 3.11 UKCS 21 September: Nexen Petroleum UK Limited Scott Production Cluster (11-UKCS/1652)**
Nexen Petroleum UK Limited reported an incident involving a release from the Scott Production Cluster of **19,500 kg** of Oceanic HW540E due to a leak in the control line. Nexen were able to resolve the problem from the platform by cycling the directional control valve on the line.
- 3.12 UKCS 30 November: Transocean Sedco 714 (11-UKCS/1748)**
Transocean reported an incident involving a release from the Sedco 714 installation of **15,500 kg** of Cement-Class G due to a faulty weight indicator on the cement surge tank. An Enforcement Notice was served and complied with requiring improvements to systems, training and procedures and to provide a more accurate method to determine the amount of cement stored.
- 3.13 UKCS 7 December: Talisman Synopec Energy (UK) Limited Clyde (11-UKCS/1845)**
Talisman Synopec Energy (UK) Limited reported an incident involving a release from the Clyde installation of **15,075 kg** of Pelagic 100 due to leak from P1 subsea control module (SCM). An investigation subsequently identified a failed directional control valve (DCV) within the SCM.
- 3.14 UKCS 12 April: Britannia Operator Limited *Callanish Subsea Methanol Pipeline (11-UKCS/1417)***
Britannia Operator Limited reported an incident involving a release from the Callanish Subsea Methanol Pipeline of **14,336 kg** of methanol due to a leak on a methanol injection valve. BOL located the release point and carried out necessary repairs during subsea intervention operations using a dive support vessel on 1 October 2012.

- 3.15 UKCS 23 August: Talisman Energy (UK) Limited Galley Tartan Subsea Manifold (11 – UKCS/1611)**
Talisman Energy (UK) Limited reported an incident involving a release from the Galley Tartan Subsea Manifold of **14.04 tonnes** of crude oil due to a rupture in the Galley to Tartan flow line. The flow line was taken offline and a decision about remediation options was still being considered at the time of reporting.
- 3.16 UKCS 1 March: TOTAL E&P UK PLC Dunbar (11-UKCS/1359)**
Total E&P UK PLC reported an incident involving a release from the Dunbar installation of **13,639 kg** of Oceanic HW540 v2 due to a leak from a poorly fitted subsea coupling. The coupling was repaired during subsea intervention works in September 2012.
- 3.17 UKCS 22 February: TAQA Bratani Limited Kestrel Subsea Completion P1 (11–UKCS/1350)**
TAQA Bratani Limited reported an incident involving a release from the Kestrel Subsea Completion P1 of **12.372 tonnes** of hydraulic oil due to a subsea leak from the low pressure combined hydraulic supply system. An Enforcement Notice was served and complied with. The BUTA4 terminal involved in the release has since been taken out of service.
- 3.18 UKCS 14 March: Perenco Bure Subsea Completion Bure O (11-UKCS/1377)**
Perenco UK Limited reported an incident involving a release from the Bure Subsea Completion Bure O of **10,245 kg** of Aqualink HT804F v2 due to release from the main subsea hydraulic supply line. An investigation was carried out by DECC. The failed hydraulic supply line was due to be redundant and it was agreed that potable water could be used until the line was no longer required.
- 3.19 UKCS 13 July: unidentified vessel (12-UKCS/1812)**
The Fulmar installation reported a surface sheen drifting towards the platform with an estimated maximum volume of **9.02 tonnes**. Further observations indicated that the oil had dispersed naturally overnight.
- 3.20 Irish Sea 3 April: MV Carrier (7-IS/296)**
The general cargo ship MV Carrier (1,584 gt, built 1985) ran aground in a strong gale near Raynes Jetty in Llanddulas on 3 April. The vessel was holed on the starboard side causing a **7-tonne** diesel oil spillage. The oil was quickly broken up and dispersed by wave action. Over the following six weeks contractors cut the vessel into sections and removed them from the shoreline for recycling.
- 3.21 UKCS 18 July: unidentified vessel (12-UKCS/1851)**
The Forties installation reported a surface oil sheen with an estimated maximum volume of **6.84 tonnes**. The source of the discharge could not be identified. The sheen later dispersed naturally.
- 3.22 UKCS 13 February: Maersk Oil UK Donan FPSO Global Producer III (11-UKCS/1342)**
Maersk Oil UK reported an incident involving a release from the Donan FPSO Global Producer III of **6,370 kg** of methanol due to a valve leak on a methanol line

between the FPSO and subsea manifold. Maersk removed the affected valve from use.

3.23 UKCS 5 September: BG PLC Lomond (11-UKCS/1632)

BG PLC reported an incident involving a release from the Lomond installation of **6,000 kg** of EEHC1 due to a low level switch on the cooling medium expansion tank not functioning and this may have alerted installation to the release before it reached the sea. The bursting disc was replaced and the low level switch on the cooling medium expansion tank was repaired and added to maintenance regime.

3.24 UKCS 29 May: BP Exploration Operating Company Limited Schiehallion (11-UKCS/1484)

BP Exploration Operating Company Limited reported an incident involving a release from the Schiehallion installation of **5,597 kg** of Oceanic HW540 due to a subsea leak of hydraulic fluid from the WP01 production well. A failed subsea control module was removed from service and replaced.

3.25 UKCS 22 June: BG PLC Lomond (11-UKCS/1511)

BG PLC reported an incident involving a release from the Lomond installation of **5,554.67 kg** of EEHC1 due to a failed PSV on the cooling medium system. The failed PSV (which was still within a certified period) was replaced.

3.26 UKCS 24 June: Nexen Petroleum U.K. Limited Telford Central Manifold (11-UKCS/1514)

Nexen Petroleum UK Limited reported an incident involving a release from the Telford Central Manifold of **4,350 kg** of Oceanic HW540E due to a leak from the Tree Production wing valve. Nexen isolated the release and used divers to make a repair.

3.27 UKCS 15 August: unidentified vessel (12-UKCS/1824)

The Dunlin installation reported a surface crude oil sheen occupying an area of 5.51 km² and with an estimated maximum volume of **4.25 tonnes**. Oil samples were taken but the source of the discharge could not be identified. The sheen later dispersed naturally.

3.28 UKCS 14 December: Perenco UK Limited Seven Seas 2 SSTM (11-UKCS/1846)

Perenco UK Limited reported an incident involving a release from the Seven Seas 2 SSTM of **4,100 kg** of Corrtreat 7004 due to a suspected external leak subsea from the injection umbilical. A fishing net was found to have damaged the subsea control module which was repaired and no further corrective action was required by Perenco.

3.29 North East England 28 June: unidentified vessel (1-NE/1850)

The Rough BD installation reported an unidentified black carbonaceous slick floating towards the platform occupying an area of 24,000 m² and with an estimated maximum volume of **4.08 tonnes**. The slick later dispersed naturally.

- 3.30 UKCS 20 June: Petrofac OPO Don Northern Producer (11-UKCS/1510)**
Petrofac OPO reported an incident involving a release from the Don Northern Producer of **3,956 kg** of Castrol Transaqua HT2 due to a suspect hydraulic fitting on the manifold. Despite various attempts to repair the fitting, adverse weather conditions and availability of suitable vessels have meant this ongoing release has yet to be resolved.
- 3.31 UKCS 22 March: CNR International Limited Strathspey Manifold (11-UKCS/1393)**
CNR International Limited reported an incident involving a release from the Strathspey Manifold of **3,567 kg** of Oceanic HW540 v2 due to a burst hose supplying control fluid to well M19. CNR confirmed on 2 May 2012 that the failed hose had been located and replaced during subsea intervention operations.
- 3.32 UKCS 10 April: BG PLC Seymour WHPS (11-UKCS/1414)**
BG PLC reported an incident involving a release from the Seymour WHPS of **3,500 kg** of Transaqua HT2 due to a leak on the subsea well head controls. A suspected build-up of debris in a valve was believed to have been the cause of the leak. The valve was cleaned, function tested and shown to hold.
- 3.33 UKCS 14 January: Total E&P UK Limited Ardborg Sedco 714 (11-UKCS/1835)**
Total E&P UK Limited reported an incident involving a release from the Transocean Sedco 714 of **3,000 kg** of gypsum polymer mud (water based drilling fluid) following a corrosion related failure of the drill cutting chute. Following the incident the cuttings chute was repaired to prevent further release. A more robust programme of inspection and maintenance was also introduced to minimise the likelihood of a future similar failure.
- 3.34 UKCS 4 September: Transocean Paul B Lloyd Jnr (11-UKCS/1630)**
Transocean reported an incident involving a release from the Paul B Lloyd Jnr of **2,945 kg** of sodium chloride brine due to release from the MODU slip joint. The release was caused by extreme weather and no corrective actions were required.
- 3.35 UKCS 8 February: Nexen Petroleum UK Limited Scott JD (11-UKCS/1836)**
Nexen Petroleum UK Limited reported an incident involving a release from the Telford G20 subsea well tied back to the Scott Platform of **2,907 kg** of Oceanic HW540E due to a loose hydraulic fitting on the stab plate. The connection was retightened and the leak repaired.
- 3.36 UKCS 17 September: Petrofac OPO Don Northern Producer (11-UKCS/1647)**
Petrofac OPO reported an incident involving a release from the Don Northern Producer of **2,842 kg** of Castrol Transaqua HT2 due to a faulty subsea control module (SCM). The faulty SCM was isolated to prevent any further release.
- 3.37 UKCS 10 December: BP Exploration Operating Company Limited MSV Well Enhancer (11-UKCS/1761)**
BP Exploration Operating Company Limited reported a release from the MSV Well Enhancer of **2,625 kg** of Tellus 32 due to a failed hydraulic hose on the ROV supplying pressurised fluid to the 5-function manipulator. The ROV was recovered and the hose was replaced.

- 3.38 UKCS 24 October: Total E&P UK Limited West Phoenix (11-UKCS/1691)**
Total E&P UK Limited reported an incident involving a release from the West Phoenix installation of **963.1 kg** of Pelagic 50 and **2,472.2 kg** of Stack Glycol A due to a leak on the BOP stack. The BOP was brought to the surface and repaired. Preventative maintenance arrangements have been put in place to lessen the risk of any recurrence of the incident.
- 3.39 UKCS 5 March: Dolphin Drilling Byford Dolphin (11-UKCS/1367)**
Dolphin Drilling reported an incident involving a release from the Byford Dolphin installation of **2,507 kg** of KCL polymer water based drilling mud due to split in the bunkering hose. As a result of earlier hose failures during 2011 Dolphin were already in the process of putting a number of measures in place to prevent a recurrence. The measures included changing hose supplier, increasing the frequency of hose change- out and receiving external advice on the hose storage arrangements on the installation.
- 3.40 UKCS 23 April: BP Exploration Operating Company Limited Schiehallion (11-UKCS/1433)**
BP Exploration Operating Company Limited reported an incident involving a release from the Schiehallion installation of **2,500 kg** of Tridol 'S' 1% AFFF due to unforeseen circumstances not being incorporated into the procedure for stopping the firewater pump. The appropriate process operating procedure has been amended to incorporate clear steps for start-up and shut-down of equipment.
- 3.41 South West England 9 July: unidentified vessel (5-SW/218)**
Large patches of fuel oil up to 1.6 km long and with an estimated combined maximum volume of **2.5 tonnes** were reported by a passing vessel off Falmouth on 9 July. The source could not be identified and the sheens later dispersed naturally.
- 3.42 UKCS 22 September: ChevronTexaco Captain WPP'A' (11-UKCS/1654)**
ChevronTexaco reported an incident involving a release from the Captain WPP 'A' of **2,200 kg** of TEG and Scale Inhibitor SCWH5427 due to the incorrect routing of Scale Inhibitor to the TEG storage tank, which caused the tank to overflow. Circumstances were reviewed at a following offshore inspection where Chevron confirmed that operational controls have been implemented to ensure value line up is verified before any future activities.
- 3.43 UKCS 1 September: Talisman Energy (UK) Limited Ross FPSO Bleo Holm (12-UKCS/1628)**
Talisman Energy (UK) Limited reported an incident involving a release from the Ross FPSO Bleo Holm of **2,200 kg** of Oceanic HW443 due to a subsea hydraulic system failure from a subsea control module (SCM). The SCM was replaced on 08 January 2013, and along with the associated hydraulic lines, was successfully leak tested.
- 3.44 UKCS 9 April: Nexen Petroleum UK Limited Well Enhancer (11-UKCS/1412)**
Nexen Petroleum UK Limited reported an incident involving a release from the Well Enhancer of **2,183 kg** of Transaqua HT2 due to a suspected subsea hydraulic leak on SIL on well intervention work. Nexen updated their current flushing procedures and

incorporated new filters into the system to trap any additional debris disturbed whilst functioning subsea components.

3.45 South West England 16 November: fishing vessel (5-SW/237)

A decommissioned fishing vessel was identified as the source of a **2-tonne** diesel oil spillage in Penzance Harbour. A clean-up operation was completed.

UKCS INCIDENTS OCCURRING OVER AN EXTENDED PERIOD DURING 2012

The following reported UKCS incidents occurred over a period of time within the year.

In all cases where the source of the release was from subsea control equipment the fluids lost were associated with oil and gas exploration and production operational processes. The operator continued the release to maintain the integrity and functionality of the wells/equipment until equipment and dive support vessels could be resourced to complete the necessary repairs.

Each release required the operator to assess the potential environmental impacts associated with the release. The operator in each case was required to provide regular updates on their management plan as part of investigations being conducted by DECC. Where necessary, meetings with the operator took place to discuss aspects associated with the incident. Discussions included the type and volume of fluid being released, the potential environmental impact and the operator's short- and long-term plans to stop the release and, where relevant, effect a final repair.

3.46 UKCS 1 January: BHP Billiton Douglas DD (ongoing incident from 1 May 1999)

BHP Billiton reported an incident involving an ongoing release from Douglas DD of **29,739 kg** of MEG and **2,450 kg** of EC1188A due to hairline cracks in Heating Medium Exchanger plate packs. Chemicals released from the Heating Medium System are now transported onshore for disposal until system is fully operational.

3.47 UKCS 1 January: Enquest Dons Limited Don Northern Producer (ongoing incident UKCS/1669 from 8 December 2011)

Enquest Dons Limited reported an incident involving an ongoing release from the Don Northern Producer of **21,753.18 kg** of Gyptron SA3460 from 1 January 2012 to 31 December 2012 due to a leak at the Riser Base and at the Subsea Distribution Unit on West Don. The subsea distribution unit had been repaired, the second leak path could not be repaired and had to be deferred until a later DSV campaign.

3.48 UKCS 1 January: BP Exploration Operating Company Limited Bruce PUQ (ongoing incident UKCS/1628 from 21 December 2009)

BP Exploration Operating Company Limited reported an incident involving an ongoing release from the Bruce PUQ of **11,602.4 kg** of Oceanic 540W from 1 January 2012 to 31 December 2012 due to a suspected hydraulic hose release subsea on the Bravo gas export isolation valve. This release was stopped on 28th March 2013 by isolating a hydraulic supply line to the gas export isolation valve. At the time of reporting investigations were ongoing to determine an accurate mass of

hydraulic fluid released. Previous notifications have reported total mass of hydraulic fluid released plus mass of hydraulic fluid that has been permitted for discharge.

3.49 UKCS 1 January: Apache Beryl Limited Nevis South Cluster (ongoing incident UKCS/1606 from 24 October 2011)

Apache Beryl Limited reported an incident involving the ongoing release from the Nevis South Cluster of **11,048.1 kg** of Oceanic HW443 from 1 January 2012 to 3 April 2012 due to a hydraulic fluid leak from a subsea control module (SCM). The SCM was changed out on 11 March 2012.

3.50 UKCS 1 January: CNR International Thelma Manifold (ongoing incident UKCS/1178 from 23 August 2006)

CNR International reported an incident involving an ongoing release from the Thelma Manifold of **9.21 tonnes** of Brayco Micronic hydraulic oil from 1 January 2012 to 31 December 2012 due to a failure of the hydraulic system. CNR undertook repairs and confirmed through a subsea inspection and pressure testing programme in Q4 2012 that there were no losses to sea from the Thelma/ Toni subsea systems.

3.51 UKCS 1 January: Enquest Heather Ltd Heather A (ongoing incident from 1 January 2007)

Enquest Heather Limited reported an incident involving an ongoing release from the Heather A installation of **7,480 kg** of Transaqua HT2 from 1 January 2012 to 3 December 2012 due to a leak on an isolation valve on a manifold. An engineering repair by installing a bespoke override valve was installed on the subsea manifold, Transaqua usage has been closely monitored and the repair proved successful.

3.52 UKCS 1 January: BG plc Everest North (ongoing incident UKCS/1626 from 7 November 2011)

BG reported an incident involved an ongoing release from the Everest North installation of **3.891 tonnes** of hydraulic oil from 1 January 2012 to 6 August 2012 due to a hydraulic leak on the Lomond to Everest gas line subsea isolation valve (SSIV). BG repaired the leak by replacing six of the subsea hydraulic hoses.

3.53 UKCS 1 January: Hydrocarbon Resources Limited Dalton Template Manifold (ongoing incident UKCS/1286 from 27 March 2009)

Hydrocarbon Resources Limited reported an incident involving the ongoing release from the Dalton Template Manifold of **2,402 kg** of Oceanic HW443R from 1 January 2012 to 31 December 2012 due to a leak in the hydraulic system R1, R2 & Q3 wells. ConocoPhillips is awaiting an opportunity to repair or change out SCM.

SECTION 4

ENUMERATION AREA SUMMARY REPORTS

- 4.1 North-east England
- 4.2 Eastern England
- 4.3 Essex & Kent
- 4.4 Southern England
- 4.5 South-west England
- 4.6 Bristol Channel & South Wales
- 4.7 Irish Sea
- 4.8 Western Scotland
- 4.9 Orkney & Shetland Islands
- 4.10 Eastern Scotland
- 4.11 UKCS (oil and gas installations and vessels)

4.1 North-east England (Northumberland, Tyne & Wear, Durham, Yorkshire and The Humber)

4.1.1 Reporting organisations identified 13 pollution incidents attributed to vessels during 2012 compared to 9 incidents during the previous year. All recorded incidents were in either ports and harbours or in the open sea. The polluting substances reported included crude oil, fuel oils and hydraulic oils in quantities ranging from 0.36 litres to 20 tonnes. Accidental discharges from offshore oil and gas installations operating off north-east England were included in the statistics for the UKCS (Refer to **4.11**).

4.1.2 At the Port of Hartlepool spill recovery equipment was deployed following a hydraulic oil leak from the Jack-up barge *Sea Jack* (built 2003) on 21 February. Warkworth Harbour Commissioners noted that a small diesel sheen attributed to a local pleasure craft was broken up and dispersed naturally.

4.1.3 The Port of Sunderland submitted details of 2 pollution incidents attributed to vessels during 2012. The multi-purpose offshore vessel *Centrica Pride* (1,934 gt, built 2007) was identified as the source of a 30-litre gas oil spill which occurred during an internal tank transfer operation. On 9 December the 6.75-metre fishing boat *Ruby Susan* sank alongside the Fish Quay causing a 5-litre diesel spill. The resulting oil sheen was dispersed naturally and the vessel was later refloated.

4.1.4 A PD Teesport report described a 5-litre hydraulic oil leak from the stern tube of the LPG tanker *Twaite* (1,997 gt, built 1991) on 4 August. Booms and absorbent pads were deployed in Whitby's Lower Harbour following a diesel oil spill through the fuel tank breather pipe of a local fishing boat.

4.1.5 Two incidents were reported in the River Humber area during 2012. Associated British Ports (ABP) Humber Estuary Services provided details of a 5-litre crude oil spill from the crude oil tanker *British Cygnet* (63,462 gt, built 2005) on 6 March. A split hose was identified as the cause of the incident and the oil was quickly broken up and dispersed by propeller wash from a mooring boat. Another hose failure was reported as the cause of a small hydraulic oil spill from the crude oil tanker *Eagle Kangar* (60,379 gt, built 2010) alongside the Immingham Oil terminal on 2 October.

4.1.6 In the open sea the Rough installation reported 5 incidents during the year and all were attributed to unidentified passing vessels. The largest patch of oil with an estimated maximum volume of 20 tonnes was observed drifting past the installation on 2 July.

4.2 Eastern England (Lincolnshire, Norfolk & Suffolk)

4.2.1 Five incidents were recorded during 2012, two fewer than the total recorded during the previous year. Three discharges occurred in ports and harbours, 1 in the open sea and 1 in nearshore waters. Accidental discharges from

offshore oil and gas installations operating off eastern England were included in the statistics for the UKCS (Refer to **4.11**).

- 4.2.2** A POLREP referred to a 30-litre bunkering spill from the MFV *Jubilee Spirit* at Grimsby on 25 January. The oil was contained within a dock system and later recovered in a clean-up operation completed by harbour staff. Three reporting organisations submitted details of a pollution incident on 26 January after the pleasure craft *Welsh Conquest* sank in Lowestoft Harbour. A boom and absorbent pads were deployed in a counter-pollution operation which recovered approximately 10 litres of diesel oil that escaped from the submerged vessel. The offshore supply ship *Vos Producer* (2,810 gt, built 2006) was identified as the source of 10-litre sludge discharge whilst alongside in Great Yarmouth on 25 May.
- 4.2.3** In the open sea the crude oil tanker *Petropavlovsk* (57,683 gt, built 2002) reported a very minimal accidental discharge of crude oil into the sea on 14 March. The incident was caused by a leaking valve which allowed oil to flow over the deck and into the sea through a scupper. The spill on deck was quickly contained and cleaned with absorbent matting and scuppers were sealed to prevent any further discharge to sea.
- 4.2.4** The 11-metre long dive support boat Storm Petrel sank near the entrance to Lowestoft Harbour on 22 July and a diesel oil sheen was later observed in the vicinity of the semi-submerged vessel.
- 4.2.5** In addition the general cargo vessel MV *Skedi* (65 gt) on passage to Latvia lost a static caravan overboard in heavy seas off Norfolk on 20 April.

4.3 Essex and Kent

- 4.3.1** Twelve incidents were recorded by reporting organisations during 2012, the same number as the previous year. Nine discharges occurred in ports and harbours and 3 discharges in the open sea and nearshore waters. The source of the pollution was identified on 10 occasions and there were 6 references to fuel oils as polluting substances.
- 4.3.2** Port and harbour authorities reported vessel discharges at Dover, Harwich, London and Medway. Four incident reports submitted by the Port of Dover described oil spills attributed to a passenger ferry, 2 fishing vessels and a pleasure craft. The largest discharge of 1 tonne of oily bilge water occurred on the 4 March following a vent pipe overflow onboard the RO-RO ferry *Spirit of France* (47,529 gt, built 2011). The pollution was quickly broken up and dispersed using propeller wash from a harbour patrol launch. The 3 remaining incidents involved small surface sheens and these were reported within the harbour during April, May and July.
- 4.3.3** Two incidents were recorded by the Port of London Authority during 2012 and a clean-up operation was completed on each occasion. A defective flow meter was identified as the cause of a 5-litre fuel oil spill from the fuel barge *Naja* permanently moored at Gravesend. An onboard excavator was

identified as the source of a 40-litre hydraulic oil discharge from the dredging pontoon *Arnaud Regis* at Northfleet on 16 November. A TOSCA (Thames Oil Spill Clearance Association) craft was deployed in a clean-up operation.

- 4.3.4 A Harwich Haven Authority report provided details of a diesel spill after a small mooring boat sank on her mooring on 20 July. A boom was deployed to contain the surface sheen and the vessel was later refloated. Peel Ports Medway submitted details of 2 incidents involving small diesel sheens and each was attributed to an unidentified passing vessel.
- 4.3.5 A connecting hose failure was identified as the cause of a 15-litre hydraulic oil spill from the crane ship MV *Coastal Worker* (395 gt, built 1958) operating in nearshore waters off the Isle of Sheppey. The motor cruiser *Jonita* was driven ashore by strong winds at Herne Bay causing a 70-litre diesel spillage. The oil was quickly broken up and dispersed by wave action.
- 4.3.6 On 27 March a surface sheen was identified trailing in the wake of the oil/chemical tanker Sapphire T (7,311 gt, built 2008) in the Dover Strait. Subsequent communications with the vessel determined a permissible discharge of tank washings containing vegetable oil residues.

4.4 Southern England (East and West Sussex, Hampshire, Dorset and the Isle of Wight)

- 4.4.1 Reporting organisations identified 20 pollution incidents attributed to vessels during 2012 compared to 16 incidents during 2011. Seventeen recorded incidents were in ports and harbours, compared to 11 during the previous year, and there was a single reference to a beach pollution incident. Sources of pollution were identified on 19 occasions including 6 pleasure craft.
- 4.4.2 Oil discharges resulting mainly in surface sheens were reported in local ports and harbours at Brighton, Chichester, Littlehampton Lymington, Poole, Portsmouth, Southampton, and Weymouth. An EA report described an incident at Brighton Marina on 25 June after a pleasure craft sank causing a 5-litre petrol spillage. Marina staff carried out a clean-up operation using a boom. Absorbent pads and a boom were deployed in another clean-up operation after a pleasure craft sank in Chichester Harbour on 13 November. The Littlehampton Harbour Board provided details of 2 incidents following small oil discharges from pleasure craft.
- 4.4.3 Seven small diesel sheens were recorded by Lymington Harbour Commissioners during 2012 and all were attributed to pleasure craft. Mechanical failure and incorrect procedures were identified as the causes of a diesel spill from the PC *Sunseeker* during a refuelling operation in Poole Harbour on 4 October. A clean-up operation was quickly completed. A POLREP described an incident at Portsmouth following an accidental discharge of light gun oil from the Type 42 destroyer HMS *Liverpool*. Harbour authority personnel carried out a clean-up operation using booms and propeller agitation.

- 4.4.4** Instrument failure during a tank filling operation was identified as the cause of a 15-litre hydraulic oil spillage at Fawley from the oil/chemical tanker *Stolt Kite* (3,206 gt, built 1992). Tugs and a RHIB successfully dispersed the resulting oil sheen and no further actions were required. A Tier Two Contractor was engaged to assist in a clean-up operation following a 1-tonne diesel spill from the small fleet tanker RFA *Black Rover* (7,892 gt, built 1974) while alongside at the Marchwood military port at Southampton. The incident occurred during a dock-to-ship refuelling operation. Two minor diesel sheens were recorded in Weymouth Harbour during 2012.
- 4.4.5** Six reporting organisations provided a detailed account of a beach pollution incident after small lumps of paraffin wax were washed ashore intermittently along a 35 km stretch of coastline between Ventnor on the Isle of Wight and Ferring in West Sussex during November and December. A number of seabirds were also found coated in the wax. Samples were taken and analysed but the source of the pollution could not be identified. The lumps of wax were eventually broken up and dispersed by wave and tidal actions.
- 4.4.6** In the English Channel the general cargo vessel MV *Fletum* (4,115 gt, built 1998) reported a heavy fuel oil leakage through a 40 mm hole in the hull near the waterline. The vessel proceeded to Portland Harbour for repairs which were completed on 15 January. The vessel and its track were overflown by a marine pollution surveillance aircraft on 13 January and no pollution was sighted. A Kent County Council report, however, noted that seabirds and debris covered in heavy fuel oil from the vessel were washed ashore at Littlestone on 19 January.
- 4.4.7** An accidental discharge of 25 litres of oily bilge water during a maintenance operation was reported by the suction dredger *Sand Weaver* (3,497 gt, built 1975) operating off The Needles on 16 February. The resulting surface sheen was quickly broken up and dispersed by wave action.
- 4.4.8** In addition a Lewes District Council report referred to a beach clean-up operation completed during the last week of January to remove significant quantities of garbage washed ashore.
- 4.5 South-west England (Devon, Cornwall, Isles of Scilly, Channel Islands and the Western Approaches)**
- 4.5.1** Eighteen vessel-source pollution incidents were identified by reporting organisations during 2012 compared to 17 incidents during 2011. Twelve discharges occurred in local ports and harbours, 5 in the open sea and 1 discharge in nearshore waters. A source of pollution was identified on 14 occasions, the sources including 5 fishing vessels, 3 general cargo vessels, 2 tankers and a pleasure craft.
- 4.5.2** POLREPS provided details of 5 oil discharges in the open sea including 2 incidents caused by vessel-casualties. On each occasion the pollution was dispersed by wave and tidal action and, therefore, posed no risk to the shoreline. A surface sheen was observed after the 9-metre long fishing vessel

Arandora Star sank in Bigbury Bay on 10 March. An oily slick extending for more than 8 km was observed off the Isles of Scilly on 27 July. Large patches of fuel oil up to 1.6 km long and with an estimated maximum volume of 2.5 tonnes were reported by a passing vessel off Falmouth on 9 July. The 15-metre long beam trawler *Sarah Jane* sank off Berry Head on 11 September and a ribbon of diesel oil was later observed seeping from the vessel. The decommissioned fishing vessel MFV *Elizabeth Caroline* under tow from Newlyn to Exmouth was identified as the source of an engine room bilge water discharge.

- 4.5.3** In nearshore waters the trawler *Girl Rhona* capsized after going aground on a sandbar near the entrance to Teignmouth Harbour on 30 January. Diesel oil escaped from the vessel's fuel tanks and was later broken up and dispersed by wave action.
- 4.5.4** Elsewhere, oil spills and a chemical discharge were recorded in ports and harbours at Falmouth, Penzance, Plymouth and Truro. Four incidents were reported by the Falmouth Harbour Commissioners during 2012. On 18 February a clean up operation was completed following a diesel oil spill from the pleasure craft *Lindy Lou*. The oil/chemical tanker *Cap Mejean* (2,158 gt, built 2009) reported a small accidental discharge of a soluble and biodegradable fire-fighting foam in Falmouth Bay. A tank overflow during a bunkering operation was identified as the cause of a 1-tonne diesel spill from the oil/chemical tanker *Ganges Star* (8,537 gt, built 2010) on 8 July. The resulting surface sheens were monitored and allowed to disperse naturally. A small diesel sheen was reported near the Fish Strand Quay on 21 September.
- 4.5.5** The Penzance Harbour Authority submitted details of 2 incidents during 2012. An absorbent boom and pads were deployed during a 3-day clean-up operation following a 250-litre diesel spill from a general cargo vessel in the Floating Dock on 26 September. Another clean-up operation was completed after a 2-tonne diesel oil spill from a fishing vessel on 16 November.
- 4.5.6** The EA submitted details of 3 incidents at Plymouth during 2012. The Type 23 Frigate HMS *Northumberland* (built 1992) reported a 50-litre diesel spill in the Tamar Estuary on 14 May. Incorrect procedures during a tank filling operation caused a 20-litre diesel spill from a refuelling barge. The surface sheen was quickly dispersed by natural processes and a formal warning was later issued by the EA to the barge operator. Tugs were deployed to break up a surface sheen following a 20-litre diesel spillage from the Type 45 Guided Missile Destroyer HMS *Defender* (launched 2009) on 20 November. A defective valve was identified as the cause of the spill and revised measures were introduced to prevent any recurrence of the incident.
- 4.5.7** Three incidents were reported at the Port of Truro during 2012. An EA report referred to an incident on 31 January after two 205-litre drums filled with gas oil were lost overboard from a moored vessel. Both drums lost their contents into the estuary. A warning notice was issued by the Harbour Authority to the Master of the reefer MV *Dona Liberta* (4,430 gt, built 1991) following a 405-litre diesel spill. The incident was caused by a defective valve which

allowed a tank to overflow during a fuel transfer operation. A clean-up was completed and the costs were charged to the vessel. On 5 February the RO-RO passenger ship MV *Norman Trader* (22,152 gt, built 1998) reported a 10-litre diesel spill which was quickly broken up and dispersed by propeller agitation.

4.6 Bristol Channel and South Wales (Somerset, Bristol, Gloucestershire, Monmouthshire, Newport, Cardiff, Vale of Glamorgan, Bridgend, Neath Port Talbot, Swansea, Carmarthenshire and Pembrokeshire)

4.6.1 Four accidental oil discharges from vessels were reported during 2012 compared to 8 discharges during the previous year. All 4 incidents occurred in ports or harbours and a source of the pollution was identified on each occasion.

4.6.2 The Milford Haven Port Authority provided details of 2 incidents attributed to vessels compared with 6 incidents during 2011. The abandoned vessel MV *Accordance* was identified as the source of a 2-litre bilge oil discharge at Milford Dock on 18 January. A clean-up was completed and the vessel was later removed from the dock and scrapped. The fishing vessel *Annie* reported a 50-litre diesel spill during an internal tank transfer operation in the same location on 24 February.

4.6.3 A POLREP and a Pembrokeshire County Council report referred to a bilge discharge containing diesel oil from the 8-metre long fishing vessel *Helen C* in Solva Harbour on 26 September. The sheen dispersed naturally and the cause of the discharge was traced to the vessel's leaking stern gland. A 60-metre long diesel sheen was reported in Fishguard's Lowertown Harbour on 3 December. The cause and source of the pollution were later identified as automatic bilge discharges from the tied-up fishing vessel *Palatine*.

4.7 Irish Sea (Ceredigion, Gwynedd, Isle of Anglesey, Conwy, Denbighshire, Flintshire, Merseyside, Lancashire, Cumbria, Isle of Man and all Districts of Northern Ireland)

4.7.1 Respondents identified 7 oil discharges from vessels during 2012 compared to 11 discharges during the previous year. Six discharges in ports and harbours were reported and another in nearshore waters. Five spills were attributed to vessel casualties compared to 2 spills during 2011. Details of accidental spills from oil and gas installations operating in Morecambe Bay are included in the statistics for the UKCS (Refer to **4.11**).

4.7.2 Two incidents were recorded in the ports and harbours of north-west England during 2012. A POLREP and an EA report described a diesel spill in Whitehaven Marina on 16 May after a derelict workboat caught fire. Booms were deployed during a clean-up operation and the remains of the boat were later removed from the marina for disposal ashore. The RO-RO ferry *Stena Lagan* (27,510 gt, built 2005) reported a 5-litre diesel spill at Birkenhead on 12 August. A damaged cargo truck onboard the ferry was identified as the source of the spill.

- 4.7.3** Three incidents involving vessel casualties were reported in the North Wales area during 2012. The general cargo ship MV *Carrier* (1,584 gt, built 1985) ran aground in a strong gale near Raynes Jetty in Llanddulas on 3 April. The vessel was holed in 3 places on the starboard side and consequently declared a Constructive Total Loss by the owners. Approximately 24 tonnes of fuel oil, along with oily water and other hazardous materials were removed from the grounded vessel by 9 April. Over the following six weeks contractors cut the vessel into sections and removed them from the shoreline for recycling in Liverpool. Although there was a release of approximately 7 tonnes of diesel fuel at the time of the incident, tests conducted on marine life, mussels and starfish from various locations by the Environment Agency Wales found no traces of any contamination.
- 4.7.4** Four reporting organisations provided details of a 1-tonne diesel spill after the 17-metre long tug boat *Jaycee* sank alongside the South Quay at Holyhead Fish Dock on 14 August. During a clean-up operation 3 booms were deployed and a vacuum tanker removed approximately 1 tonne of diesel oil and 50 litres of lubrication oil from the vessel. A fishing vessel sank on her mooring at Connah's Quay on 2 December causing a 50-litre diesel spill.
- 4.7.5** In Northern Ireland Tier Two Responders were called in after the RO-RO ferry MV *Strangford* reported a 750-litre diesel spill during a bunkering operation. The Northern Ireland Environment Agency submitted details of 45-litre diesel spill after the motor cruiser *Warrier Maid* sank in Groomsport Harbour on 18 December.
- 4.8 Western Scotland (Dumfries and Galloway, Ayrshire, Inverclyde, Argyll & Bute and the Highlands & Islands Region to Cape Wrath)**
- 4.8.1** Reporting organisations submitted details of 10 vessel-source pollution incidents compared to 18 during the previous year. Nine incidents in local ports or harbours were reported and a fishing vessel was identified as the source of pollution on 4 occasions. Further analysis of the information contained in annual returns showed a single oil spill caused by a vessel casualty, 5 less than the total for 2011.
- 4.8.2** Reporting organisations identified at least 2 bunkering spills from fishing vessels in ports during 2012 compared to 3 during the previous year. Three reporting organisations provided details of a 50-litre gas oil spill from the MFV *Inturta Mendi* in Lochinver Harbour. Absorbent booms and matting were deployed during a clean-up operation undertaken by the Harbour Authority and the costs were charged to the vessel. A Highland Council report referred to a 30-litre diesel spill from the MFV *Enterprise II* at Kinlochbervie on 8 August. The incident was caused by a fuel tank-vent overflow during a bunkering operation.
- 4.8.3** A POLREP and a Scottish Environment Protection Agency (SEPA) report described an incident at Kyleakin on the Isle of Skye after the MFV *Nemesis* sank alongside the pier on 10 August. Absorbent pads were used to remove a

small quantity of diesel oil from the shoreline. The vessel was refloated on the following day with the fuel tank intact. On 28 August a local resident reported a diesel oil sheen covering the whole of Rodel Harbour on the Isle of Harris. The source of the pollution was traced to a derelict fishing vessel which had been abandoned in the harbour over a number of years. A similar incident was reported in the same location during the previous year (Refer to **4.8.5** 2011 Annual Report).

4.8.4 Two incidents were reported at the Faslane Naval Base during 2012. A faulty level gauge was identified as the cause of a 30-litre heavy engine oil discharge from the Sandown Class Minehunter HMS *Bangor* on 2 May. A containment boom was deployed in a clean-up operation. A SEPA report referred to a lubrication oil spill from a Royal Navy barge on 14 August.

4.8.5 The RO-RO Caledonian MacBrayne ferry *Loch Linnhe* reported an accidental 30-litre discharge of hydraulic oil in Tobermory Harbour. A fractured pipe was identified as the cause of the incident and the oil dispersed naturally. A bilge pump-out from a pleasure craft was believed to have been the source of a diesel sheen at Dunstaffnage Marina in Oban. A light oil sheen was observed off Irvine Harbour on 25 October and attributed to an unidentified passing vessel.

4.9 Orkney and Shetland Islands

4.9.1 Six oil pollution incidents attributed to vessels were reported during 2012 compared to 5 incidents during 2011. Four incidents occurred in ports and harbours and 2 in nearshore waters. No reports were received of any pollution incidents in the Shetland Islands during 2012. Accidental spills from oil installations operating in the West Shetland Basin were included in the statistics for the UKCS (Refer to **4.11**).

4.9.2 Orkney Islands Council Marine Services provided details of 3 oil spills in Kirkwall Harbour and another in Stromness Harbour. The heavy lift crane barge *BD 6074* (1,246 gt) was identified as the source of a 50-litre diesel spill on 1 August. The oil was quickly dispersed by wave action. On 31 August a diesel sheen was reported in the vicinity of a pier and attributed to a discharge from an unidentified vessel. Absorbent booms were deployed in a clean-up operation following a 50-litre diesel oil discharge from an offshore support vessel on 31 December. Another offshore support vessel was identified as the source of a 200-litre diesel spill in Stromness Harbour. Most of the oil was removed from the water surface using absorbent booms and the residues were broken up and dispersed by wave action.

4.9.3 Two incidents were reported in the nearshore waters of the Orkney Islands during 2012 and on each occasion the oil dispersed naturally. The salmon tender *Robina III* went aground in the approaches to Kirkwall Harbour on 6 December causing a 50-litre discharge of diesel oil from a damaged feeder pipe. The vessel was refloated within 6 hours and when there was no visible evidence of any pollution. The yacht *E-Capoe* broke its mooring during a storm and was driven ashore on 29 December. The vessel was a total loss

and although the main fuel tank was later recovered intact approximately 50-litres of diesel oil escaped to sea from a damaged header tank.

4.10 Eastern Scotland (the northern and eastern shores of the Highlands and Islands Region from Cape Wrath, Moray, Aberdeenshire, Angus, Fife, Lothian and Scottish Borders)

4.10.1 Twenty-five discharges from vessels were recorded by reporting organisations during 2012, two more than the previous year's total. Analysis of incidents by marine environmental zones showed 19 spills occurred in ports and harbours and 6 in the open sea. The source of the pollution was identified on 21 occasions, sources including 10 support/supply vessels and 3 fishing vessels, and there were 10 references to fuel oils as polluting substances. At least 3 incidents were caused by vessel casualties which were 2 fishing vessels and a workboat. No details were provided by respondents of any successful prosecutions brought by the competent authorities during 2012.

4.10.2 Aberdeen Harbour Board provided details of 6 oil discharges, 2 vegetable oil discharges and 1 chemical discharge during 2012 compared to 7 oil discharges during 2011. The source of each discharge was identified and sources comprised 8 support/supply vessels and one dredging plant vessel. Estimated volumes were provided for 8 discharges and the median volume was 11 litres compared to 7.5 litres during the previous year. On the 13 March the research/survey vessel *Fairfield New Venture* (2,912 gt, built 1986) reported a 20-litre hydraulic oil spill at the Regent Quay. The vessel deployed a boom in a clean-up operation. The dredging plant vessel *Barge 6969* was identified as the source of a 20-litre vegetable hydraulic oil spill caused by a burst main feed coupling on a back hoe. A leaking gearbox oil cooler was identified as the cause and source of a 15-litre lubrication oil discharge from the standby safety vessel *Grampian Venture* (766 gt, built 1982) at the Halls Quay on 27 October. A boom was deployed in a clean-up operation.

4.10.3 Five oil pollution incidents were reported by the Cromarty Firth Port Authority during 2012 compared to 2 incidents during 2011. The sources included 2 oil rigs, 2 barges and a cable-laying vessel and the median spill volume was 5 litres. The largest spill of 20-litres of diesel oil occurred on 8 April after the flat top barge *Chain Surveyor* sank on her mooring. A boom was deployed to contain the pollution which was then broken up and dispersed by propeller agitation from a pilot boat. The vessel was eventually refloated.

4.10.4 Elsewhere, reporting organisations recorded 5 oil spills in ports and harbours at Dunbar, Inverness, Leith, Montrose and Port Seaton. At Dunbar the MFV *Angus Ina* sank in the inner harbour causing a one-litre discharge of oily bilge water. The pollution was contained with a boom during a clean-up operation. Three reporting organisations described an incident at Inverness on 11 June following a 5-litre discharge of oily bilge water from the cabin cruiser PC *Mistress*. A clean-up operation was completed following a 100-

litre gas oil spill at Leith from the offshore supply ship *Vos Patrol* (804 gt, built 1982). The Montrose Port Authority and SEPA provided details of a 2-litre diesel spill from the offshore supply ship *Normand Tonjer* (3,349 gt, built 1983) on 14 January. The incident occurred during a bunkering operation after diesel oil overflowed from a vent pipe and escaped into the harbour through a partly tightened scupper plug. A fishing vessel was believed to have been the source of a small oil sheen reported in Port Seton Harbour.

4.10.5 Reporting organisations identified 6 oil discharges from vessels in the open sea and all were broken up and dispersed by wave action and posed no threat to the shoreline. The Buzzard, Ross and Athena offshore installations each reported a surface oil sheen attributed to an unidentified passing vessel.

4.10.6 The Russian aircraft carrier *Admiral Kuznetsov* (displacement 43,000 tonnes, built 1985) was observed trailing an oil sheen in the Outer Moray Firth on 8 February. A brown discolouration of water with a line of scummy foam extending for more than 1.6 km was reported in the open sea off Rattray Head on 3 May. The 27-metre long steel-hulled fishing vessel *Audacious* sank off Aberdeen on 10 August following a sudden ingress of water. A diesel sheen mixed with flotsam was later observed at the wreck site.

4.11 United Kingdom Continental Shelf

4.11.1 The discharge statistics for this enumeration area were again compiled from POLREP reports submitted by the MCA and PON1 reports submitted by DECC. Operators are required to notify DECC where an unauthorised discharge of oil or chemical to sea, regardless of volume, has occurred. Each discharge is reported on a PON1 to DECC's Offshore Environmental Inspectorate, MCA, the Joint Nature Conservation Committee (JNCC) and Marine Scotland.

4.11.2 DECC reviews every PON1 that is received in order to assess the potential for environmental impact and the need for any counter-pollution response actions. In addition, each incident reported is reviewed to ensure actions are being undertaken to prevent recurrence and to assess whether there has been any contravention of legislation. This is undertaken in accordance with DECC's investigation and enforcement policies.

4.11.3 Separate data sets have been presented for accidental discharges attributed to offshore oil and gas installations and for discharges attributed to vessels, whether identified or not, operating within the UKCS area (Refer to **Figure 2**).

Oil and gas installations

4.11.4 All accidental/unplanned discharges or spills of oil or chemicals, regardless of volume, must be notified to the relevant authorities. Accidental discharges of operational chemicals being used subsea as part of the exploration and production process may take place over a significant period of time. In some cases it may be many months before remedial work can be undertaken due to

the timescales involved in sourcing vessels and equipment to carry out the work. Environmental risk assessments have shown that these events, which are normally of relatively small volume, usually cause negligible impact on the marine environment. Details of all discharges, including a cause when known, are listed in **Appendix 1** (UKCS oil and gas installations) and further information is provided in **Section 3** for those spills of 2 tonnes or more.

- 4.11.5** A total of 246 accidental oil discharges were attributed to oil and gas installations during 2012 including those operating in the west Shetland Basin, Liverpool Bay and off the coast of eastern England. The 2012 annual total was the lowest recorded since 2004 and 33 fewer than the mean annual total of 279 accidental oil discharges reported between 2000 and 2011.
- 4.11.6** Analysis of oil types showed that 37% of reported discharges were identified as lubrication and hydraulic oils, followed by 24% fuel oils and 17 % crude oils. The corresponding statistics from the 2011 survey were 32%, 33% and 23% respectively. Estimated volumes for 248 oil spills were reported (including 5 ongoing releases) and of these approximately 94% were less than 455 litres.
- 4.11.7** In addition, the authorities were notified of 229 accidental discharges of chemical substances during 2012 compared with 240 discharges during the previous year. These chemicals are routinely used in oil and gas exploration and production operations and included barite, glycol solutions, hydraulic fluids, methanol and sodium.
- 4.11.8** The estimated volumes of accidental chemical discharges ranged from 0.001 kg to 138,829 kg and 48 discharges were 1 tonne or more. It should be noted, however, that many of the larger discharges associated with operational chemicals being used sub-sea occurred over an extended interval due to the requirement for operators to source vessels and equipment to locate the source of the release and undertake repairs. Further details are provided in **Section 3**.
- 4.11.9** Of the total chemicals spilled in 2012 over 80% were considered under the OSPAR list of substances used and discharged offshore as Posing Little or No Risk to the Environment (PLONOR). None of the chemicals spilled are included in the OSPAR list of chemicals for priority action, which are considered to pose the greatest hazard. None of the spill incidents resulted in a significant environmental impact.
- 4.11.10** The PON1 reports again indicated that remedial actions were taken by operators following most accidental discharges. The responses included identification of root causes of spills and improvements in operational control procedures, recommendations concerning preventative actions and carrying out any necessary repairs and modifications to faulty or damaged equipment.

Vessels

- 4.11.11** A further 37 incidents were identified in POLREPS and PON1s. Most involved surface sheens or thicker oil slicks reported by the nearest offshore installation but attributed to a discharge from a 'third party' elsewhere that was generally assumed to have been a passing vessel. The maximum estimated volumes, where known, ranged from less than 1 litre to 605.5 tonnes. In each incident the pollution was believed to have dispersed naturally without posing a threat to wildlife or the coastline.
- 4.11.12** Four incident reports referred to estimated maximum oil volumes greater than 20 tonnes. On 28 August the Tartan installation reported an oil slick drifting towards the platform which occupied an area of 141 km² and with an estimated maximum volume of 605.5 tonnes. Surveillance flight data showed that natural dispersion significantly reduced the volume of the oil which was subsequently predicted to be less than 10 tonnes over a 12-hour interval. Oil samples were taken by a standby vessel to help identify the source of the discharge but the results had not been published at the time of reporting.
- 4.11.13** The pilot of a crew change helicopter pilot reported sighting an oil slick in the vicinity of the Dunlin installation covering an area of 2.6 km² and with an estimated maximum volume of 110.5 tonnes. Surveillance aircraft were tasked to the area to obtain information but were unable to establish the source of the discharge. Oil samples were taken for analysis but the results were not available at the time of reporting. On 30 July an oil sheen occupying an area of 27 km² and with an estimated maximum volume of 50.83 tonnes was reported drifting towards the Britannia installation. Another surface sheen extending for 2.8 km and with an estimated maximum volume of 20.83 tonnes was reported by the Fulmar installation. A standby vessel dispatched a craft to take oil samples. Investigations were underway at the time of reporting to establish the source of the discharge.
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SECTION 5: QUALITY ASSURANCE PLAN AND ACKNOWLEDGEMENTS

5.1 Quality Assurance Plan

As part of a comprehensive quality assurance plan data verification procedures were again applied at all stages during the 2012 survey. For example, other sources of information were consulted including the casualty section of *Lloyd's List*, and any relevant reports were cross-referenced with the appropriate questionnaire returns.

The approaches for data entry and analysis were clearly shown in the relevant tables and all entries to the enumeration area sub-sets were subject to independent checking to detect any errors. On some occasions unexpected values were confirmed with the various data-sources. Multiple reports were again received from DECC and MCA describing accidental discharges from oil and gas installations operating on the UKCS. For the remaining discharges from vessels 30% of individual incident reports were compiled from questionnaire returns submitted by two or more reporting organisations which was 2% more than the previous year.

As part of the quality assurance plan the complete database is provided for scrutiny in **Appendix 1** thereby enabling stakeholder groups to determine the reliability and accuracy of the survey results. Furthermore, the annual survey reports are made available to all interested parties through the MCA's website (www.dft.gov.uk/mca) and the ACOPS website (www.acops.org.uk).

5.2 Acknowledgements

The Committee is again grateful to the following public agencies and other organisations and their members for their contributions to the survey:

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Convention of Scottish Local Authorities
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Environment Agency
Inshore Fisheries and Conservation Authorities
Inshore Fisheries Welsh Assembly Government
Local Government Association
Maritime & Coastguard Agency's Counter Pollution and Response Team
Northern Ireland Environment Agency
Royal Society for the Prevention of Cruelty to Animals
Scottish Environment Protection Agency
Scottish Society for the Prevention of Cruelty to Animals
United Kingdom Major Ports Group Limited

APPENDIX 1

SUMMARY OF REPORTED INCIDENTS

Key to types of vessels

MCT	Chemical tanker
MFV	Fishing vessel
MSV	Offshore supply/support vessel
MT	Oil tanker
MV	General cargo vessel
PC	Pleasure craft
RFA	Royal Fleet Auxiliary vessel
RHIB	Rigid-hulled inflatable vessel
RO-RO	Roll-on roll-off ferry

1: NORTH-EAST ENGLAND (*Incident not identified by a POLREP)							
Reference	Date	Location	Category	Type	Amount	Source	Comments
*NE/1795	03/02/2012	53-50N: 00-26E	Oil	Nk	2.6 litres	Unidentified vessel	Reported by Rough Installation.
*NE/1796	07/02/2012	53-49N: 00-28E	Oil	Nk	0.36 litres	Unidentified vessel	Reported by Rough Installation.
*NE/1797	09/02/2012	53-49N: 00-28E	Oil	Nk	12.75 litres	Unidentified vessel	Reported by Rough Installation.
*NE/003	13/02/2012	Warkworth Harbour	Oil	Diesel	Nk	Pleasure craft	Small sheen dispersed naturally.
NE/006	21/02/2012	Port of Hartlepool	Oil	Hydraulic	Nk	MV Sea Jack	Leak from ram, clean up completed.
*NE/008	30/03/2012	Port of Sunderland	Oil	Gas	30 litres	MSV Centrica Pride	Spillage during tank transfer operation.
*NE/009	06/03/2012	Immingham	Oil	Crude	5 litres	MT British Cygnet	Split hose, clean up completed.
NE/1850	28/06/2012	53-50N: 00-26E	Other	Nk	4.08 tonnes	Unidentified vessel	Reported by Rough BD Installation.
*NE/1852	02/07/2012	53-50N: 00-26E	Oil	Nk	20.0 tonnes	Unidentified vessel	Reported by Rough Installation.
*NE/026	04/08/2012	Teesport	Oil	Hydraulic	5 litres	MT Twaite	Leak from stern tube.
*NE/057	23/08/2012	Whitby	Oil	Diesel	Nk	Fishing vessel	Leak through fuel tank breather pipe.
NE/035	02/10/2012	Immingham	Oil	Hydraulic	Nk	MT Eagle Kangar	Hose parted, oil dispersed naturally.
NE/039	09/12/2012	Port of Sunderland	Oil	Diesel	5 litres	MFV Ruby Susan	Vessel sank, oil dispersed naturally.

2: EASTERN ENGLAND (*Incident not identified by a POLREP)							
Reference	Date	Location	Category	Type	Amount	Source	Comments
EE/007	25/01/2012	Grimsby Dock	Oil	Diesel	30 litres	MFV Jubilee Spirit	Bunkering spill, clean up completed.
*EE/060	26/01/2012	Port of Lowestoft	Oil	Diesel	10 litres	PC Welsh Conquest	Vessel sank, clean up completed.
EE/063	14/03/2012	52-18N: 02-05E	Oil	Crude	Nk	MT Petropavlovsk	Small discharge to sea following deck spill.
EE/066	25/05/2012	Port of Great Yarmouth	Oil	Sludge	10 litres	MSV Vos Producer	Clean up completed.
EE/071	22/07/2012	52-28N: 01-46E	Oil	Diesel	Nk	Workboat Storm Petrel	Vessel sank, sheen dispersed naturally.

3: ESSEX AND KENT (*Incident not identified by a POLREP)

Reference	Date	Location	Category	Type	Amount	Source	Comments
EK/092	04/03/2012	Port of Dover	Oil	Bilge	1 tonne	MV Spirit of France	Overflow from vent pipe, clean up completed.
EK/095	06/03/2012	Port of Medway	Oil	Diesel	4 litres	Unidentified vessel	Sheen dispersed naturally.
EK/064	19/03/2012	51-22N: 00-57E	Oil	Hydraulic	15 litres	MV Coastal Worker	Hose failure, oil dispersed naturally.
EK/097	27/03/2012	51-09N: 01-43E	Vegetable	Nk	Nk	MT Sapphire T	Discharge of tank washings.
*EK/497	19/04/2012	Port of Dover	Oil	Diesel	Nk	Fishing vessel	Sheen dispersed naturally.
*EK/498	17/05/2012	Port of Dover	Oil	Bilge	Nk	Pleasure craft	Clean up completed.
*EK/099	20/07/2012	Harwich Haven	Oil	Diesel	1 litre	Workboat Grey Moor	Vessel sank, clean up completed.
*EK/501	27/07/2012	Port of Dover	Oil	Nk	Nk	Fishing vessel	Sheen dispersed naturally.
*EK/101	13/08/2012	Port of London	Oil	Fuel	5 litres	Fuel barge Naja	Spill during internal transfer operation.
EK/102	14/10/2012	51-22N: 01-06E	Oil	Diesel	70 litres	PC Jonita	Vessel sank, oil dispersed naturally.
*EK/104	30/10/2012	Port of Medway	Oil	Diesel	5 litres	Unidentified vessel	Sheen dispersed naturally.
*EK/105	16/11/2012	Port of London	Oil	Hydraulic	40 litres	Dredging Pontoon Arnauld Regis	Leak from excavator, clean-up completed.

4: SOUTHERN ENGLAND (*Incident not identified by a POLREP)							
Reference	Date	Location	Category	Type	Amount	Source	Comments
*SE/120	06/01/2012	Lymington Harbour	Oil	Diesel	Nk	Pleasure craft	Sheen dispersed naturally.
SE/121	12/01/2012	50-32N: 02-15W	Oil	Heavy fuel	Nk	MV Fletum	Leakage from damaged bunker tank.
SE/128	16/02/2012	50-35N: 01-33W	Oil	Bilge	25 litres	MDREDGER Sand Weaver	Sheen dispersed naturally.
SE/129	20/02/2012	Portsmouth	Oil	Gun	Nk	HMS Liverpool	Clean up completed.
*SE/134	31/03/2012	Littlehampton Harbour	Oil	Diesel	0.2 litres	PC Infinite Blue	Sheen dispersed naturally.
*SE/135	10/04/2012	Littlehampton Harbour	Oil	Bilge	1 litre	Pleasure craft	Sheen dispersed naturally.
*SE/136	14/04/2012	Lymington Harbour	Oil	Diesel	Nk	Pleasure craft	Sheen dispersed naturally.
*SE/138	28/04/2012	Lymington Harbour	Oil	Diesel	Nk	Pleasure craft	Sheen dispersed naturally.
*SE/139	03/05/2012	Lymington Harbour	Oil	Diesel	Nk	Pleasure craft	Sheen dispersed naturally.
*SE/142	03/05/2012	Lymington Harbour	Oil	Diesel	Nk	Pleasure craft	Sheen dispersed naturally.
*SE/145	12/05/2012	Lymington Harbour	Oil	Diesel	Nk	Pleasure craft	Sheen dispersed naturally.
*SE/148	25/06/2012	Brighton Marina	Oil	Petrol	5 litres	Pleasure craft	Vessel sank, clean up completed.
SE/151	26/06/2012	Esso Fawley	Oil	Lubrication	15 litres	MT Stolt Kite	Tank overfilled, clean up completed.
*SE/153	06/09/2012	Lymington Harbour	Oil	Diesel	Nk	Pleasure craft	Sheen dispersed naturally.
*SE/156	10/09/2012	Weymouth Harbour	Oil	Diesel	1 litre	Pleasure craft	Clean up completed.
SE/229	16/09/2012	Weymouth Harbour	Oil	Diesel	Nk	Racing powerboat	Vessel sank, sheen dispersed naturally.
*SE/157	04/10/2012	Poole Harbour	Oil	Diesel	Nk	PC Sunseeker	Refuelling spill, clean up completed.
SE/164	12/11/2012	Southampton	Oil	Diesel	1 tonne	RFA Black Rover	Loading spill, clean up completed.
SE/168	13/11/2012	Chichester Harbour	Oil	Diesel	5 litres	Pleasure craft	Vessel sank, clean up completed.
SE/170	21/11/2012	Isle of Wight to Sussex	Other	Paraffin wax	Nk	Unidentified vessel	Lumps observed along 35 km shoreline.

5: SOUTH-WEST ENGLAND (*Incident not identified by a POLREP)							
Reference	Date	Location	Category	Type	Amount	Source	Comments
SW/198	30/01/2012	50-33N: 03-29W	Oil	Diesel	Nk	MFV Girl Rona	Vessel capsized and later recovered.
*SW/196	31/01/2012	Port of Truro	Oil	Gas	400 litres	Unidentified vessel	Loss of drums from moored vessel.
*SW/197	31/01/2012	Port of Truro	Oil	Diesel	405 litres	MV Dona Liberta	Tank overfilled, clean up completed.
*SW/199	05/02/2012	Port of Truro	Oil	Diesel	10 litres	MV Norman Trader	Sheen dispersed naturally.
*SW/200	18/02/2012	Falmouth Harbour	Oil	Diesel	Nk	PC Lindy Lou	Vessel capsized, clean up completed.
SW/205	10/03/2012	50-16N: 04-05W	Oil	Diesel	Nk	MFV Arandora Star	Vessel sank, sheen dispersed naturally.
*SW/211	14/05/2012	Plymouth	Oil	Diesel	50 litres	HMS Northumberland	Clean up completed.
*SW/214	23/05/2012	Falmouth Harbour	Chemical	Foam	Nk	MT Cap Mejean	Spillage of fire-fighting foam.
*SW/219	08/07/2012	Falmouth Harbour	Oil	Diesel	1 tonne	MT Ganges Star	Bunkering spill, oil dispersed naturally.
SW/218	09/07/2012	50-06N: 05-01W	Oil	Fuel	2.5 tonnes	Unidentified vessel	Oil dispersed naturally.
SW/221	27/07/2012	49-45N: 07-32W	Oil	Nk	Nk	Unidentified vessel	8 km slick dispersed naturally.
SW/226	11/09/2012	50-24N: 03-45W	Oil	Diesel	Nk	MFV Sarah Jayne	Vessel sank, oil dispersed naturally.
SW/227	12/09/2012	50-08N: 03-53W	Oil	Bilge	Nk	MFV Elizabeth Caroline	Oil dispersed naturally.
*SW/231	21/09/2012	Falmouth Harbour	Oil	Diesel	Nk	Unidentified vessel	Sheen dispersed naturally.
*SW/233	26/09/2012	Penzance Harbour	Oil	Diesel	250 litres	General cargo vessel	Clean up completed.
*SW/234	15/10/2012	Plymouth	Oil	Diesel	20 litres	Refuelling barge	Overfilling of tank, oil dispersed naturally.
*SW/237	16/11/2012	Penzance Harbour	Oil	Diesel	2 tonnes	Fishing vessel	Clean up completed.
*SW/239	20/11/2012	Plymouth	Oil	Diesel	20 litres	HMS Defender	Bunkering spill, clean up completed.

6: BRISTOL CHANNEL AND SOUTH WALES (*Incident not identified by a POLREP)							
Reference	Date	Location	Category	Type	Amount	Source	Comments
*BC/257	18/01/2012	Milford Dock	Oil	Bilge	2 litres	MV Accordance	Leak from abandoned vessel, clean up completed.
BC/258	24/02/2012	Milford Dock	Oil	Diesel	50 litres	MFV Annie	Oil transfer spill, clean up completed.
BC/267	26/09/2012	Solva Harbour	Oil	Diesel	Nk	MFV Helen C	Sheen dispersed naturally.
BC/269	03/12/2012	Fishguard Harbour	Oil	Bilge	Nk	MFV Palatine	Light sheen dispersed naturally.

7: IRISH SEA (*Incident not identified by a POLREP)

Reference	Date	Location	Category	Type	Amount	Source	Comments
IS/296	03/04/2012	53-17N: 03-40W	Oil	Diesel	7 tonnes	MV Carrier	Vessel washed ashore and fuel tanks ruptured.
IS/298	16/05/2012	Whitehaven Marina	Oil	Diesel	Nk	Workboat	Oil spill from containers onboard derelict boat.
IS/337	12/08/2012	Birkenhead	Oil	Diesel	5 litres	MV Stena Lagan	Leak following damage to onboard cargo truck.
IS/303	14/08/2012	Holyhead	Oil	Diesel	1 tonne	MTUG Jaycee	Vessel sank in harbour, clean up completed.
IS/307	09/11/2012	Strangford Harbour	Oil	Diesel	750 litres	MV Strangford Ferry	Bunkering spill, clean up completed.
IS/240	02/12/2012	Connah's Quay	Oil	Diesel	50 litres	Fishing vessel	Vessel sank on mooring, oil dispersed naturally.
IS/309	18/12/2012	Groomsport Harbour	Oil	Diesel	45 litres	PC Warrior Maid	Vessel sank in harbour, oil dispersed naturally.

8: WESTERN SCOTLAND (*Incident not identified by a POLREP)

Reference	Date	Location	Category	Type	Amount	Source	Comments
*WS/344	15/04/2012	Dunstaffnage Marina	Oil	Diesel	Nk	Pleasure craft	Sheen dispersed naturally.
WS/345	27/04/2012	Lochinver Harbour	Oil	Gas	50 litres	MFV Inturta Mendi	Bunkering spill, clean up completed.
WS/347	02/05/2012	Faslane Naval Base	Oil	Engine	30 litres	HMS Bangor	Faulty level gauge, clean up completed.
WS/350	25/05/2012	Tobermory Harbour	Oil	Hydraulic	30 litres	MV Loch Linnhe	Fractured pipe, oil dispersed naturally.
*WS/352	08/08/2012	Kinlochbervie Harbour	Oil	Diesel	30 litres	MFV Enterprise II	Bunkering spill, oil dispersed naturally.
WS/353	10/08/2012	Kyleakin Harbour	Oil	Diesel	Nk	MFV Nemesis	Vessel sank in harbour, clean up completed.
*WS/355	14/08/2012	Faslane Naval Base	Oil	Lubrication	Nk	Royal Navy Barge	Clean up completed.
WS/356	28/08/2012	Rodel Harbour	Oil	Diesel	Nk	MFV White Rose	Oil dispersed naturally.
*WS/357	11/09/2012	Stornoway Harbour	Oil	Fuel	Nk	MV White Rose	Oil dispersed naturally.
*WS/363	25/10/2012	off Irvine Harbour	Oil	Light	Nk	Unidentified vessel	Light sheen dispersed naturally.

9: ORKNEY AND SHETLAND ISLANDS (*Incident not identified by a POLREP)

Reference	Date	Location	Category	Type	Amount	Source	Comments
*OS/388	01/08/2012	Kirkwall Harbour	Oil	Diesel	50 litres	Crane barge BD6074	Sheen dispersed naturally.
*OS/389	12/08/2012	Stromness Harbour	Oil	Diesel	200 litres	Offshore support vessel	Clean up completed.
*OS/390	31/08/2012	Kirkwall Harbour	Oil	Nk	Nk	Unidentified vessel	Sheen dispersed naturally.
OS/391	06/12/2012	59-00N: 02-55W	Oil	Diesel	50 litres	Workboat Robina III	Vessel ran aground, sheen dispersed naturally.
*OS/393	29/12/2012	58-57N: 02-58W	Oil	Diesel	50 litres	PC E-Capoe	Vessel driven ashore, sheen dispersed naturally.
*OS/394	31/12/2012	Kirkwall Harbour	Oil	Diesel	50 litres	Offshore support vessel	Clean up completed.

10: EASTERN SCOTLAND (*Incident not identified by a POLREP)

Reference	Date	Location	Category	Type	Amount	Source	Comments
*ES/400	14/01/2012	Montrose Harbour	Oil	Diesel	2 litres	MSV Normand Tonjer	Bunkering spill, clean up completed.
*ES/402	27/01/2012	Aberdeen Harbour	Oil	Gas	1 litre	MSV Vos Scout	Clean up completed.
*ES/403	05/02/2012	Aberdeen Harbour	Oil	Gas	4 litres	MSV Vos Islay	Clean up completed.
ES/404	08/02/2012	58-05N: 02-36W	Oil	Nk	Nk	Admiral Kuznetsov	Carrier observed trailing sheen of oil.
*ES/405	25/02/2012	Aberdeen Harbour	Vegetable	Hydraulic	12 litres	MSV Faifield New Venture	Clean up completed.
ES/406	27/02/2012	Cromarty Firth	Oil	Hydraulic	3 litres	Rig Wilpheonix	Slight film dispersed naturally.
*ES/1798	12/03/2012	57-49N: 00-58W	Oil	Nk	500 litres	Unidentified vessel	Reported by Buzzard Installation.
ES/407	12/03/2012	Cromarty Firth	Oil	Bilge	2 litres	Rig Galaxy 1	Sheen dispersed naturally.
ES/410	13/03/2012	Aberdeen Harbour	Oil	Hydraulic	20 litres	MSV Fairfield New Venture	Clean up completed.
*ES/414	08/04/2012	Cromarty Firth	Oil	Diesel	20 litres	Barge	Vessel sank on mooring, clean up completed.
ES/417	21/04/2012	Aberdeen Harbour	Vegetable	Hydraulic	20 litres	Barge	Burst coupling, sheen dispersed naturally.
ES/419	24/04/2012	Aberdeen Harbour	Oil	Gas	10 litres	MSV Grampian Protector	Bunkering spill, clean up completed.
ES/422	02/05/2012	Cromarty Firth	Oil	Diesel	5 litres	MV Acergy Discovery	Spill refuelling generator, clean up completed.
ES/384	03/05/2012	57-59N: 00-48W	Oil	Nk	Nk	Unidentified vessel	Oil dispersed naturally.
ES/428	11/06/2012	Inverness Harbour	Oil	Bilge	5 litres	PC The Mistress	Oil dispersed naturally.
*ES/431	17/06/2012	Port Seton Harbour	Oil	Bilge	1 litre	Fishing vessel	Oil dispersed naturally.
*ES/1807	25/06/2012	58-06N: 01-26W	Oil	Nk	1.61 litres	Unidentified vessel	Reported by Ross Installation.
ES/437	09/08/2012	Port of Leith	Oil	Gas	100 litres	MSV Vos Patrol	Clean up completed.
ES/397	10/08/2012	57-12N: 00-37W	Oil	Diesel	Nk	MFV Audacious	Vessel sank, sheen dispersed naturally.
ES/396	11/08/2012	Dunbar Harbour	Oil	Bilge	1 litre	MFV Angus Ina	Vessel sank in harbour, clean up completed.
*ES/1831	03/09/2012	58-24N: 00-34W	Oil	Nk	100 litres	Unidentified vessel	Reported by Athena Installation.
ES/444	03/09/2012	Aberdeen Harbour	Oil	Gas	Nk	MSV Edda Fram	Bunkering spill, clean up completed.
ES/448	29/09/2012	Aberdeen Harbour	Chemical	Oil-based mud	10 litres	MSV Olympic Orion	Overflow during loading operation.
ES/450	08/10/2012	Cromarty Firth	Oil	Fuel	5 litres	Bunker barge	Bunkering spill, oil dispersed naturally.
ES/457	27/10/2012	Aberdeen Harbour	Oil	Lubrication	15 litres	MSV Grampian Venture	Leaking gearbox cooler, clean up completed.

11: UKCS OIL AND GAS INSTALLATION ACCIDENTAL DISCHARGES.

Reference	Date	Location	Category	Type	Amount	Source	Comments
UKCS/1301	06/01/2012	54-20N: 02-21E	Chemical	Aqualink 300	60 kg	McAdam Wellhead Protection	Failure of LP hydraulic umbilical.
UKCS/1302	06/01/2012	61-21N: 01-09E	Oil	Diesel	0.15 tonnes	Eider	Partially open diesel bunkering valve.
UKCS/1303	06/01/2012	56-11N: 00-44E	Chemical	Brayco Micronic SV/3	1 kg	Guillemot West (Triton) FPSO	Leaking hydraulic fitting.
UKCS/1304	08/01/2012	61-21N: 01-34E	Chemical	DF1 & Enviromul Mud	2 kg	Thistle A	Coupling failure during bunkering operations.
UKCS/1305	09/01/2012	60-18N: 04-16W	Chemical	Biotreat 4632	510 kg	Foinaven - FPSO Petrojarl	Chemical injection routed incorrectly.
UKCS/1306	09/01/2012	54-02N: 00-43E	Chemical	Methanol	1.6 kg	Cleeton CPQ	Methanol bunkering hose failure.
UKCS/1307	10/01/2012	57-03N: 01-50E	Oil	Hydraulic	0.085 tonnes	Elgin WHP A	Hydraulic oil accumulator safety valve lifted.
UKCS/1308	14/01/2012	56-57N: 01-48E	Chemical	EDC 99-DW	7.35 kg	Rowan Gorilla V	Drilling riser (residual mud released on removal).
UKCS/1309	14/01/2012	60-41N: 02-32W	Oil	Diesel	0.03 tonnes	Clair Phase 1	Bulk hose residual diesel in hose loop.
UKCS/1310	14/01/2012	57-22N: 01-59E	Chemical	FX2504	200 kg	Mungo Production Manifold	Pinhole leak on chemical supply line.
UKCS/1835	14/01/2012	60-32N: 01-42E	Chemical	Gypsum Polymer mud	3, 000 kg	Sedco 714	Corrosion of drill cutting chute.
UKCS/1313	15/01/2012	58-22N: 00-04E	Chemical	Glycol solution	100 kg	Tartan A	Subsea hose failure.
UKCS/1314	15/01/2012	61-29N: 01-35E	Chemical	Hydraulic	0.35 kg	Byford Dolphin	ROV hydraulic grinder (loose fitting).
UKCS/1315	16/01/2012	57-45N: 01-48E	Chemical	Cat ELC EC-1	0.4 kg	Everest North	Cooling water hose defect.
UKCS/1316	16/01/2012	61-21N: 01-34E	Oil	Crude	0.082 tonnes	Thistle A	Failure of underdeck drain.
UKCS/1317	16/01/2012	59-16N: 01-30E	Chemical	Erifon 818	14 kg	Harding	Failure of conductor tensioner.
UKCS/1318	17/01/2012	61-01N: 03-27W	Chemical	MEG & Erifon HD603N	90 kg	Stena Carron	Lower marine riser package seal failure.
UKCS/1319	17/01/2012	58-06N: 01-26W	Chemical	Oceanic HW443	0.02 kg	Ross FPSO Bleo Holm	Well control line failure.
UKCS/1320	23/01/2012	59-44N: 01-40E	Oil	Diesel	0.015 tonnes	Bruce PUQ	Diesel supply line leak.
UKCS/1321	23/01/2012	56-55N: 01-01E	Chemical	Methanol	410 kg	Bittern Subsea Manifold 2	Release from gas choke connector.
UKCS/1322	24/01/2012	57-17N: 01-39E	Oil	Hydraulic	0.042 tonnes	Marnock ETAP PDR	Hydraulic hose loose connection.
UKCS/1323	24/01/2012	53-57N: 00-35E	Chemical	Oceanic HW540	424 kg	Minerva	Subsea hydraulic supply line failure.
UKCS/1324	24/01/2012	61-01N: 01-07E	Oil	Crude	0.012 tonnes	Pelican Manifold	Subsea pipeline (residual oil released on disconnection).
UKCS/1325	27/01/2012	58-21N: 00-52E	Oil	Hydraulic	0.011 tonnes	Donan FPSO GPIII	Hydraulic hose failure.
UKCS/1326	28/01/2012	53-50N: 00-26W	Oil	Weathered Oil	0.17 tonnes	Rough CD	Incorrect disposal of fluid via open drains.

UKCS/1327	29/01/2012	60-18N: 04-16W	Oil	Crude	60.015 tonnes	Foinaven - FPSO Petrojarl	Leak on flowline.
UKCS/1328	29/01/2012	53-23N: 02-31E	Oil	Diesel	0.01 tonnes	Inde BP	Bunkering hose failure.
UKCS/1329	30/01/2012	56-43N: 01-18E	Oil	Lubrication	0.006 tonnes	Curlew FPSO	Lube oil pump seal leak.
UKCS/1330	31/01/2012	57-17N: 01-39E	Oil	Hydraulic	0.00166 tonnes	Marnock ETAP	Hydraulic fitting failure.
UKCS/1331	02/02/2012	53-27N: 01-43E	Oil	Condensate	0.016 tonnes	Clipper PW	Produced Water Flash Drum overflow.
UKCS/1332	02/02/2012	58-26N: 00-15W	Oil	Waste	0.001 tonnes	Claymore A	Pinhole leak in non-pressurised hazardous open drains.
UKCS/1333	06/02/2012	57-19N: 01-04E	Oil	Hydraulic	0.06 tonnes	Gannet D Subsea Completion	Subsea hydraulic line leak.
UKCS/1334	07/02/2012	54-02N: 00-43E	Oil	Condensate	0.001 tonnes	Cleeton CPQ	Drain overflow.
UKCS/1335	07/02/2012	60-18N: 04-16W	Chemical	Tros 650	1.46 kg	Foinaven - FPSO Petrojarl	Subsea flow line termination assembly connection release.
UKCS/1336	08/02/2012	54-35N: 00-25W	Oil	Hydraulic	0.0002 tonnes	DSV Bibby Topaz	ROV launch and recovery system.
UKCS/1836	08/02/2012	58-17N: 00-12E	Chemical	Oceanic HW540E	2,907 kg	Scott JD	Failure of hydraulic fluid supply.
UKCS/1338	09/02/2012	54-02N: 00-43E	Oil	Diesel	0.0001 tonnes	Cleeton CPQ	Release to drain of residual oil on deck.
UKCS/1339	09/02/2012	57-15N: 00-48E	Oil	Lubrication	1.4144 tonnes	Guillemot, Teal, Anasuria	Leakage from storage tank.
UKCS/1340	09/02/2012	60-48N: 01-44E	Chemical	Innovert mud	56 kg	Alwyn North NAA	Mud hose failure.
UKCS/1341	12/02/2012	54-02N: 00-43E	Chemical	Methanol	100 kg	Cleeton CPQ	Methanol umbilical line and/or associated jumper hoses.
UKCS/1342	13/02/2012	58-21N: 00-52E	Chemical	Methanol	6,370 kg	Donan FPSO GPIII	Valve leak between FPSO and subsea manifold.
UKCS/1343	13/02/2012	57-54N: 00-36W	Chemical	RX-2030 & RX-9064	17.65 kg	Ettrick FPSO Aoka Mizu	Auxiliary steam boiler control valve failure.
UKCS/1344	16/02/2012	60-18N: 04-16W	Chemical	RX-9022 & RX-5227	3.29 kg	Foinaven - FPSO Petrojarl	Subsea release at the pullhead.
UKCS/1345	17/02/2012	57-22N: 01-59E	Oil	Crude	0.0738 tonnes	Mungo Production Manifold	Production flowline fitting leak.
UKCS/1346	18/02/2012	57-11N: 02-12E	Chemical	Base oil DF1	50 kg	Sedco 711	Seal leak on riser joint.
UKCS/1347	19/02/2012	57-57N: 01-50E	Chemical	HCM9	50 kg	Armada	Cooling medium pipe failure.
UKCS/1348	21/02/2012	60-18N: 04-17E	Chemical	Tellus S22	0.2 kg	Foinaven DC1 Manifold	ROV hydraulic hose failure.
UKCS/1349	21/02/2012	61-29N: 01-27E	Chemical	Sodium Hypochlorite	59 kg	Don Northern Producer	Fractured underdeck plastic pipe.
UKCS/1350	22/02/2012	61-16N: 00-55E	Oil	Hydraulic	12.372 tonnes	Kestrel Subsea Completion P1	Subsea hydraulic leak
UKCS/1351	23/02/2012	53-48N: 01-43E	Chemical	Methanol	158 kg	Subsea Eres & Ceres	Release from subsea methanol line.
UKCS/1352	24/02/2012	57-48N: 01-50E	Oil	Houghtasafe 105CTF	0.04 tonnes	Ocean Nomad	Line tensioner assembly failure.
UKCS/1353	25/02/2012	53-03N: 02-14E	Oil	Diesel	0.000093 tonnes	Leman AD	Potable water tanks contaminated with diesel.

UKCS/1354	27/02/2012	57-01N: 01-57E	Oil	Unknown	0.005 tonnes	Shearwater C PUQ Platform	Walkway/deck washing operation.
UKCS/1355	28/02/2012	58-02N: 01-24E	Oil	Diesel	0.0001 tonnes	Andrew	Diesel filter equipment release.
UKCS/1356	29/02/2012	57-48N: 00-58W	Chemical	Injection slurry	2.5 kg	GSF Galaxy III	Cuttings reinjection system hose failure.
UKCS/1837	01/03/2012	58-17N: 00-12E	Chemical	Oceanic HW540E	56,144 kg	Scott South Subsea E	Failure of hydraulic hose.
UKCS/1357	01/03/2012	57-48N: 00-58W	Chemical	OBM	36.7 kg	GSF Galaxy III	Drilling fluids hose seal failure.
UKCS/1358	01/03/2012	58-22N: 00-56E	Oil	OBM	0.111 tonnes	Noble Ton van Langeveld	BOP kill line leak.
UKCS/1359	01/03/2012	60-28N: 01-49E	Chemical	Oceanic HW540 v2	13,639 kg	Dunbar	Leak from poorly fitted sub-sea coupling.
UKCS/1360	02/03/2012	57-17N: 02-10E	Oil	Diesel	0.002 tonnes	Lomond	Leak from diesel bunkering system.
UKCS/1361	02/03/2012	56-27N: 02-17E	Oil	Hydraulic	0.008 tonnes	Clyde	Hydraulic fitting failure.
UKCS/1362	03/03/2012	54-02N: 00-43E	Oil	Hydraulic	0.0008 tonnes	Cleeton CPQ	Release of hydraulic oil via open drains.
UKCS/1363	03/03/2012	53-42N: 02-03E	Chemical	Aqualink 300-E v2	931 kg	Ann XM subsea	Failure of hydraulic system.
UKCS/1364	04/03/2012	59-16N: 01-30E	Oil	Crude	0.007171 tonnes	Harding	Flow line weld failure.
UKCS/1365	04/03/2012	58-41N: 01-16E	Oil	Lubrication	0.873 tonnes	Brae A	Failure of "A" MOL pump lube oil cooler.
UKCS/1366	05/03/2012	61-29N: 01-36E	Chemical	KCL water based drilling mud	546 kg	Byford Dolphin	Split in bunkering hose.
UKCS/1367	05/03/2012	61-29N: 01-36E	Chemical	KCL water based drilling mud	2,507 kg	Byford Dolphin	Split in bunkering hose.
UKCS/1368	06/03/2012	56-41N: 02-14E	Oil	Hydraulic	0.001 tonnes	Maersk Resilient	Leak from brake housing on crane motor.
UKCS/1369	07/03/2012	53-05N: 02-07E	Oil	Diesel	0.0007 tonnes	Leman AD1	Hairline crack on diesel line.
UKCS/1370	09/03/2012	56-41N: 02-14E	Oil	Hydraulic	0.002 tonnes	Maersk Resilient	Damaged hydraulic riser tensioner.
UKCS/1371	10/03/2012	58-17N: 00-12E	Oil	Waste	0.000095 tonnes	Scott DP	Blockage of hazardous drain filter pot.
UKCS/1372	11/03/2012	60-56N: 01-33E	Oil	Diesel	0.04 tonnes	WilHunter	Loose oil filter housing giving rise to oil leak.
UKCS/1373	12/03/2012	59-44N: 01-40E	Oil	Diesel	0.005 tonnes	Bruce PUQ	Leak on diesel supply line.
UKCS/1374	13/03/2012	56-41N: 02-14E	Oil	Hydraulic	0.001 tonnes	Maersk Resilient	Loose fitting on pipe handler.
UKCS/1375	14/03/2012	57-45N: 01-48E	Oil	Diesel	0.00009 tonnes	Everest North	Pinhole leak in diesel bunkering hose.
UKCS/1376	14/03/2012	61-02N: 01-07E	Oil	Other	0.6236 tonnes	Pelican	Leak path in hydraulic coupling.
UKCS/1377	14/03/2012	53-05N: 02-32E	Chemical	Aqualink HT804F v2	10,245 kg	Bure Subsea Completion	Release from main subsea hydraulic supply line.
UKCS/1378	15/03/2012	61-21N: 01-34E	Chemical	Cleartron KZB281	0.5 kg	Thistle A	Leak on chemical injection system.
UKCS/1379	15/03/2012	58-21N: 00-52E	Chemical	Methanol	3.146 kg	Donan FPSO GPIII	Leak on the methanol line.

UKCS/1380	16/03/2012	58-41N: 01-16E	Oil	Diesel	0.00415 tonnes	Brae A	Corrosion on discharge pipework.
UKCS/1381	16/03/2012	60-35N: 01-48E	Chemical	Oceanic HW540 & HW 443	289 kg	Ellon Manifold	Fault with valve functioning on hydraulic line.
UKCS/1382	18/03/2012	56-41N: 02-14E	Chemical	Low toxic oil based mud	1,236.8 kg	Maersk Resilient	Release through moonpool from underneath drill floor.
UKCS/1383	18/03/2012	60-45N: 03-20-E	Oil	Hydraulic	0.00046 tonnes	West Phoenix	Failed 'O'-ring on rigmaster wrist assembly on ROV.
UKCS/1384	19/03/2012	58-18N: 01-44W	Chemical	WAW85202	25 kg	Captain FPSO	Blockage in open drains.
UKCS/1385	19/03/2012	59-10N: 01-36E	Chemical	Glycol based gel	540 kg	DSV Orelia	Failure of passing valve on pig receiver.
UKCS/1386	21/03/2012	59-32N: 01-32E	Chemical	Oceanic HW 443	160.7 kg	Beryl A	Failed hydraulic fluid supply valve.
UKCS/1387	21/03/2012	56-00N: 03-10E	Chemical	Stack-Magic ECO-F v2	0.8 kg	WilPhoenix	Burst umbilical line.
UKCS/1388	21/03/2012	58-55N: 00-56E	Oil	Crude	0.1 tonnes	Noble Ton Van Langeveld	Hydrocarbon carry over into gas line.
UKCS/1389	21/03/2012	59-09N: 01-37E	Chemical	Cesium Formate Brine	1.48 kg	Paul B Lloyd Jnr	Failure of kill line marine riser joint seal.
UKCS/1390	21/03/2012	61-14N: 01-08E	Oil	Diesel	0.255 tonnes	Cormorant North	Damage to hose wall of diesel supply line.
UKCS/1391	22/03/2012	56-41N: 02-20E	Oil	Hydraulic	0.00088 tonnes	Judy	Leak of hydraulic fluid due to failure of boom hoist hose.
UKCS/1392	22/03/2012	60-57N: 00-56E	Oil	Diesel	0.0007 tonnes	Heather A	Leak from diesel bunkering hose.
UKCS/1393	22/03/2012	60-51N: 01-28E	Chemical	Oceanic HW540 v2	3,567 kg	Strathspey Manifold	Burst hose.
UKCS/1394	23/03/2012	58-48N; 01-01E	Chemical	Hyspin AWH 15	0.4 kg	Hyde	Malfunction of hydraulically operated valve.
UKCS/1395	23/03/2012	58-18N: 01-44W	Oil	Hydraulic	0.000054 tonnes	Captain FPSO	Failure of passing valve on bilge system.
UKCS/1396	24/03/2012	57-01N: 01-57E	Oil	Diesel	0.002 tonnes	Shearwater A Wellhead	Leak at break away connection on diesel bunkering hose.
UKCS/1838	25/03/2012	57-00N: 01-50E	Oil	Condensate	*	Elgin WHP A	*
UKCS/1839	25/03/2012	57-00N: 01-50E	Chemical	Enviromul Mud	*	Elgin WHP A	*
UKCS/1399	26/03/2012	56-57N: 01-48E	Chemical	EDC 99-DW	940 kg	Rowan Gorilla V	Valve malfunction within mud containment system.
UKCS/1400	27/03/2012	54-02N: 00-43E	Oil	Lubrication	0.0001 tonnes	Cleeton CW Wellhead Tower	Container filled with WD40 knocked over and spilled to sea.
UKCS/1840	29/03/2012	54-28N: 02-28E	Chemical	Oil based mud	2 kg	Tyne	Annulus leak during pressure testing.
UKCS/1403	29/03/2012	60-21N: 04-03W	Chemical	TROS TC 1018 & RX-5227	162.3 kg	Schiehallion FPSO	Subsea leak from water injection system.
UKCS/1404	31/03/2012	60-21N: 04-03W	Oil	Hydraulic	0.008 tonnes	Schiehallion FPSO	Leaking hydraulic actuator within ballast tank.
UKCS/1405	02/04/2012	56-41N: 02-14E	Chemical	LTOBM vapour	0.5 kg	Maersk Resilient	Vapour condensing in exhaust ventilation.
UKCS/1406	04/04/2012	53-05N: 02-32E	Oil	Mineral	0.00128 tonnes	Thames AW	Oil contamination from air compressor.
UKCS/1407	04/04/2012	57-17N: 01-39E	Oil	Hydraulic	0.22 tonnes	Marnock ETAP PDR	Leak from small bore pipework.

UKCS/1408	05/04/2012	53-50N: 03-34W	Oil	Diesel	0.01 tonnes	Morecambe South CPP1	Sheared valve in diesel line.
UKCS/1409	06/04/2012	60-33N: 01-56E	Chemical	Oceanic HW 443	43 kg	Islay	Failure during valve actuation testing.
UKCS/1410	08/04/2012	56-27N: 02-17E	Oil	Unknown	0.02836 tonnes	Clyde	Possible residue from deck washing.
UKCS/1411	09/04/2012	59-16N: 01-30E	Oil	Hydraulic	0.002628 tonnes	Harding	Connection failure on BOP.
UKCS/1412	09/04/2012	51-54N: 00-35E	Chemical	Transaqua HT2	2,183 kg	Well Enhancer	Excess leakage in service intervention lubricator (SIL).
UKCS/1413	09/04/2012	60-41N: 02-32W	Oil	Diesel	0.001327 tonnes	Clair Phase 1	Passing isolation valve on diesel system.
UKCS/1414	10/04/2012	60-56N: 00-33E	Chemical	Versaclean OBM	0.39 kg	WilHunter	Leaking 'O' ring on slip joint.
UKCS/1415	10/04/2012	57-58N: 01-51E	Chemical	Transaqua HT2	3,500 kg	Seymour WHPS	Leak on subsea well head controls.
UKCS/1416	11/04/2012	58-52N: 01-31E	Chemical	Tellus	0.5 kg	Devenick at East Brae	Leaking fitting on ROV resulting in release of hydraulic fluid.
UKCS/1417	12/04/2012	57-50N: 00-44E	Chemical	Methanol	14,336 kg	Callanish subsea pipeline	Leak on subsea methanol pipeline.
UKCS/1418	12/04/2012	57-45N: 01-48E	Oil	Waste	0.00076 tonnes	Everest North	Pinhole leak in open drains system.
UKCS/1419	13/04/2012	60-51N: 01-28E	Oil	Waste	0.1 tonnes	Ninian Central	Breakage in sump tank discharge pipe work hose.
UKCS/1420	14/04/2012	58-39N: 00-31E	Oil	Hydraulic	0.0007 tonnes	GSF Arctic III	ROV hydraulic hose failure.
UKCS/1421	15/04/2012	53-24N: 01-47E	Chemical	Versaclean drilling fluid	90 kg	Ensko 92	Overload of shale shakers.
UKCS/1422	16/04/2012	59-16N: 01-30E	Chemical	Erifon 818	6 kg	Harding	Failure of tensioner system seal.
UKCS/1423	17/04/2012	61-37N: 01-18E	Oil	Lubrication	0.027 tonnes	Magnus	Recoverable drainage system overloaded.
UKCS/1424	18/04/2012	57-27N: 01-23E	Oil	Diesel	0.00001 tonnes	Montrose A	Leak from new breakaway coupling on diesel hose.
UKCS/1425	20/04/2012	57-00N: 01-17E	Oil	Crude	0.0015 tonnes	Banff P1 flowline riser	Leakage in flow line.
UKCS/1426	20/04/2012	59-44N: 01-40E	Oil	Waste	0.0026 tonnes	Bruce PUQ	Failure in deluge testing.
UKCS/1427	20/04/2012	61-19N: 03-10W	Chemical	Enviro-Rite hydraulic oil	20 kg	Stena Carron	ROV launch A-frame hose failed under pressure.
UKCS/1428	20/04/2012	53-05N: 02-32E	Chemical	Aqualink HT804F v2	400 kg	Thames AW	Failure of fitting on hydraulic control line.
UKCS/1429	21/04/2012	61-37N: 01-18E	Oil	Lubrication	1.2 tonnes	Magnus	Hole in train one lube oil cooler.
UKCS/1430	21/04/2012	54-02N: 00-43E	Oil	Unknown	0.000004 tonnes	Cleaton CPQ	Small sheen observed on sea from unknown source.
UKCS/1431	22/04/2012	61-16N: 01-35E	Oil	Crude	0.0001 tonnes	Dunlin A	Minor leak from flange.
UKCS/1432	22/04/2012	58-02N: 01-24E	Oil	Diesel	0.0001 tonnes	Andrew	Leak from diesel hose.
UKCS/1433	23/04/2012	60-21N: 04-03W	Chemical	TRIDOL 'S' 1% AFFF	2,500 kg	Schiehallion FPSO	Seal failure on firewater ring main system.
UKCS/1434	24/04/2012	53-27N: 01-20E	Oil	Diesel	0.5 tonnes	Excalibur A	Diesel generator priming pump seal failure.

UKCS/1435	24/04/2012	61-16N: 01-35E	Oil	Crude	0.0017 tonnes	Dunlin A	Minor leak from flange.
UKCS/1436	25/04/2012	58-39N: 00-31E	Chemical	Carbo-Sea 1844DF	162 kg	GSF Arctic III	Drilling drip tank overflowed.
UKCS/1437	25/04/2012	56-00N: 03-10E	Oil	Crude	0.0003 tonnes	WilPhoenix	Liquid drop out from flaring operations.
UKCS/1438	26/04/2012	57-01N: 01-57E	Oil	Condensate	0.0052 tonnes	Shearwater C PUQ	Blocked drain.
UKCS/1439	26/04/2012	57-19N: 01-04E	Oil	Hydraulic	0.000461tonnes	Gannet D Subsea Completion	GD02 Hydraulic leak identified at subsea wellcheck.
UKCS/1440	26/04/2012	57-19N: 01-04E	Oil	Hydraulic	0.019049 tonnes	Gannet D Subsea Completion	GD06 Hydraulic leak identified at subsea wellcheck.
UKCS/1441	26/04/2012	57-19N: 01-04E	Oil	Hydraulic	0.000964 tonnes	Gannet D Subsea Completion	GD04 Hydraulic leak identified at subsea wellcheck.
UKCS/1442	28/04/2012	57-45N: 01-48E	Oil	Condensate	0.0003 tonnes	Everest North	Gland packing on condensate pump leak.
UKCS/1443	29/04/2012	57-43N: 00-50E	Oil	Crude	0.0009 tonnes	Forties FC	Small sheen observed for limited time from unknown source.
UKCS/1444	29/04/2012	61-15N: 00-44E	Chemical	Pelagic 100 Control Fluid	27.4 kg	Hudson	Loose fittings on subsea hydraulic hoses.
UKCS/1445	30/04/2012	57-48N: 00-58W	Chemical	Total DF1	0.173 kg	GSF Galaxy III	Breakaway coupling on bunkering hose.
UKCS/1446	01/05/2012	57-48N: 00-58W	Chemical	Total DF1	0.173 kg	GSF Galaxy III	Breakaway coupling on bunkering hose.
UKCS/1447	01/05/2012	57-05N: 00-51E	Chemical	Methanol	20 kg	Gannet E & F Manifold	Hose leak.
UKCS/1448	01/05/2012	59-16N: 01-30E	Chemical	Erifon 818	22.5 kg	Harding	Conductor tensioner seal failure.
UKCS/1449	02/05/2012	53-41N: 03-32W	Oil	Diesel	0.0001 tonnes	Douglas FPSO	Diesel hose minor weep.
UKCS/1450	02/05/2012	57-00N: 01-17E	Oil	Crude	0.00003 tonnes	Banff Oil Export Line	Release from full riser/pipeline.
UKCS/1451	04/05/2012	63-03N: 01-42E	Chemical	Slops liquid	804 kg	Brent B	Pin hole leak on transfer hose from platform to vessel.
UKCS/1452	04/05/2012	57-00N: 01-17E	Oil	Crude	0.00002 tonnes	Banff P2 Production Riser	Release during riser recovery operations.
UKCS/1453	05/05/2012	57-00N: 01-17E	Oil	Crude	0.00004 tonnes	Banff P1 Jumper	Release of oil during recovery operations.
UKCS/1454	06/05/2012	58-43N: 01-24E	Oil	Diesel	0.000016 tonnes	Miller	Leak from diesel bunkering hose coupling.
UKCS/1455	06/05/2012	60-48N: 01-44E	Chemical	AFFF 67368P foam	0.25 kg	Alwyn North NAB	Release to sea during testing.
UKCS/1456	07/05/2012	53-36N: 01-31E	Oil	Lubrication	0.007 tonnes	Barque PB	Overflow of mineral oil from portable bund.
UKCS/1457	09/05/2012	56-41N: 02-20E	Chemical	Cat ELC Premix 50/50	5 kg	Judy	Mechanical failure of radiator.
UKCS/1458	10/05/2012	57-17N: 02-10E	Oil	Weathered oil	0.00015 tonnes	Lomond	Gap in banded area of generator.
UKCS/1459	11/05/2012	50-50N: 03-34W	Oil	Diesel	0.001 tonnes	Morecambe South CPP1	Leaking vacuum breaker off a diesel bunkering line.
UKCS/1460	12/05/2012	61-21N: 01-34E	Oil	Crude	0.003 tonnes	Thistle A	Release from leaking isolation valve.
UKCS/1461	15/05/2012	57-52N: 00-56W	Oil	Hydraulic	0.0025 tonnes	GSF Arctic III	Release of hydraulic oil from hose failure.

UKCS/1462	15/05/2012	58-06N: 01-26W	Chemical	Oceanic HW 443	600 kg	Ross FPSO Bleo Holm	Leak on jumper hose.
UKCS/1463	15/05/2012	61-37N: 01-18E	Chemical	KCl water based fluid	1,396.8 kg	Magnus	Failure of diverter rupture disc.
UKCS/1464	16/05/2012	53-30N: 02-10E	Chemical	Aqualink 300-E v2	386.2 kg	Alison Kx Subsea	Leak from sub-sea hose.
UKCS/1465	17/05/2012	56-42N: 02-16E	Oil	Hydraulic	0.00089 tonnes	MV Island Intervention (ROV)	ROV hose or fitting failure.
UKCS/1466	18/05/2012	56-58N: 01-52E	Oil	Diesel	0.0084 tonnes	Franklin WHP	Diesel release from hose.
UKCS/1467	20/05/2012	59-09N: 01-37E	Oil	Hydraulic	0.0004 tonnes	Paul B Lloyd Jnr	Loose housing plate on ROV thruster unit.
UKCS/1468	20/05/2012	59-16N: 01-30E	Chemical	Erifon 818	20 kg	Harding	Conductor tensioner seal failure.
UKCS/1469	22/05/2012	58-21N: 00-52E	Chemical	Transaqua HT2	535.5 kg	Donan FPSO GP III	Hydraulic valve failure.
UKCS/1470	23/05/2012	56-27N: 02-17E	Chemical	Oil-based mud	100 kg	Clyde	Seal failure at swivel packer on top drive.
UKCS/1471	24/05/2012	57-54N: 00-36W	Chemical	Transaqua	102 kg	Ettrick WHPS	Subsea hydraulic system vent valve.
UKCS/1472	25/05/2012	58-26N: 00-15W	Chemical	Fire-fighting foam 3%	570 kg	Claymore A	Failure of NRV on B Fire-pump caisson.
UKCS/1473	25/05/2012	59-16N: 01-30E	Chemical	Erifon 818	17 kg	Harding	Seal failure on conductor tensioner system.
UKCS/1474	25/05/2012	58-30N: 01-15E	Oil	Diesel	0.017 tonnes	Tiffany	Diesel bunker hose failure.
UKCS/1476	25/05/2012	58-07N: 00-12W	Chemical	Foam Treat & Oxyscav	1.91 kg	Scott South Manifold	Failure of flexible umbilical hose.
UKCS/1477	26/05/2012	57-00N: 01-50E	Chemical	Enviromul mud	*	Elgin WHP A	*
UKCS/1478	26/05/2012	58-07N: 00-12E	Chemical	Oceanic HW540E	1,406 kg	Telford Central Water Inject	Faulty wing valve mechanism.
UKCS/1479	27/05/2012	59-16N: 01-30E	Chemical	Erifon 818	0.5 kg	Harding	Seal failure on conductor tensioner system.
UKCS/1480	27/05/2012	59-16N: 01-30E	Chemical	HV 15	0.5 kg	Harding	Corrosion of stainless steel hydraulic control line.
UKCS/1481	28/05/2012	57-00N: 01-50E	Oil	Diesel	0.024 tonnes	Elgin PUQ	Hole in diesel bunkering hose.
UKCS/1482	28/05/2012	58-06N: 03-05W	Oil	Crude	0.0042 tonnes	Beatrice AD	Loose coupling in Wellheads during leak testing.
UKCS/1483	29/05/2012	58-24N: 00-34W	Oil	Crude	0.0015 tonnes	BW Athena 14/18B	Damaged seal on crude oil transfer pumps.
UKCS/1484	29/05/2012	60-21N: 04-03W	Chemical	Oceanic HW 540	5,597 kg	Schiehallion FPSO	Subsea leak of hydraulic fluid from WP01 production well.
UKCS/1485	29/05/2012	57-00N: 01-50E	Oil	Condensate	*	Elgin WHP A	*
UKCS/1486	29/05/2012	58-52N: 01-31E	Chemical	Transaqua HT2	15 kg	East Brae	Failure of subsea isolation valve umbilical hose.
UKCS/1487	31/05/2012	57-45N: 01-48E	Oil	Diesel	0.0005 tonnes	Everest North	Release to sea while disconnecting diesel bunkering hoses.
UKCS/1488	31/05/2012	53-35N: 01-46E	Chemical	Aqualink 300-F v2	742 kg	Ensign	Leak from hydraulic cylinder vent port.
UKCS/1489	02/06/2012	53-27N: 01-43E	Oil	Condensate	0.005 tonnes	Clipper PW	Overflow from Produced Water settling tank.

UKCS/1490	03/06/2012	53-06N: 02-04E	Oil	Diesel	0.0255 tonnes	Leman Foxtrot	Overfill of diesel tank.
UKCS/1491	03/06/2012	56-04N: 03-07E	Oil	Diesel	0.499 tonnes	Angus Production Pipeline	Release during decommissioning activities.
UKCS/1492	04/06/2012	58-19N: 00-41E	Oil	Diesel	0.00005 tonnes	North Sea Producer FPSO	Diesel inventory in lifeboat dropped to sea.
UKCS/1493	05/06/2012	53-14N: 02-37E	Oil	Diesel	0.0085 tonnes	Corvette	Bunkering hose failure.
UKCS/1494	05/06/2012	58-41N: 01-16W	Chemical	Oceanic HW443	1,446 kg	Brae A	Failure of subsea hydraulic hose.
UKCS/1495	08/06/2012	56-26N: 02-00E	Chemical	Stack-Magic ECO-F v2	5 kg	Sedco 704	Burst pilot line on blue pod of BOP.
UKCS/1496	11/06/2012	59-16N: 01-30E	Chemical	Versaclean drilling fluid	5 kg	Harding	Overflow from mud return trough.
UKCS/1497	11/06/2012	57-39N: 01-08E	Oil	Diesel	0.035 tonnes	Nelson	Overflow of interceptor tank.
UKCS/1498	12/06/2012	61-28N: 01-31E	Oil	Crude	0.12 tonnes	Stena Spey	Drop out from flaring operations.
UKCS/1499	13/06/2012	57-45N: 01-48E	Chemical	Activated alumina desiccant	129 kg	Everest North	Release during transportation of drum.
UKCS/1500	14/06/2012	61-28N: 01-31E	Oil	Crude	0.001 tonnes	Stena Spey	Leak from casing rams.
UKCS/1501	15/06/2012	57-17N: 02-10E	Oil	Diesel	0.000038 tonnes	Lomond	Diesel release from weeping manual block valve.
UKCS/1502	17/06/2012	57-01N: 01-57E	Oil	Waste	0.0208 tonnes	Shearwater C PUQ	Overflow from drainage tank.
UKCS/1503	17/06/2012	60-48N: 01-44E	Chemical	Methanol	1.5 kg	Alwyn North NAA	Overflow of methanol tank during refill operations.
UKCS/1504	17/06/2012	53-01N: 02-15E	Oil	Diesel	0.002 tonnes	Leman CD	Leaking grease nipple on well C5.
UKCS/1505	17/06/2012	63-03N: 01-42E	Oil	Lubrication	0.002 tonnes	Brent B	Release from crankcase breather pipe.
UKCS/1506	18/06/2012	57-39N: 01-08E	Oil	Hydraulic	0.029452 tonnes	Nelson Manifold	Failure of pigging isolation valve.
UKCS/1507	19/06/2012	59-16N: 01-30E	Chemical	Erifon 818	10 kg	Harding	Seal failure on conductor tensioner system.
UKCS/1508	20/06/2012	59-16N: 01-30E	Chemical	Erifon 818	22 kg	Harding	Seal failure on conductor tensioner system.
UKCS/1509	20/06/2012	57-01N: 01-57E	Oil	Hydraulic	0.03 tonnes	Shearwater C PUQ	Release via SSSV seals.
UKCS/1510	20/06/2012	61-29N: 01-27E	Chemical	Transaqua HT2	3,956 kg	Don Northern Producer	Faulty valve.
UKCS/1511	22/06/2012	57-17N: 02-10E	Chemical	EEHC1	5,554.67 kg	Lomond	Failed PSV on cooling medium system.
UKCS/1512	23/06/2012	61-06N: 01-04E	Oil	Waste	0.04 tonnes	Cormorant A	Overflow of open hazardous drains tank.
UKCS/1513	24/06/2012	59-16N: 01-30E	Chemical	Erifon 818	2 kg	Harding	Seal failure on conductor tensioner system.
UKCS/1514	24/06/2012	58-07N: 00-12E	Chemical	Oceanic HW540E	4,350 kg	Telford Central Manifold	Leak from hydraulic circuit on subsea template.
UKCS/1515	24/06/2012	61-15N: 01-21E	Chemical	RX-5227 & RX-9022	4 kg	Skandi Inspector	Minor leak from flange during hydrotest.
UKCS/1516	25/06/2012	53-15N: 01-58E	Chemical	Antifreeze	29 kg	UR Satellite	Leak from crane engine radiator.

UKCS/1517	26/06/2012	59-16N: 01-30E	Chemical	Versaclean OBM	5 kg	Harding	Failure of bunkering hose.
UKCS/1518	27/06/2012	57-52N: 00-56W	Oil	Hydraulic	0.00013 tonnes	GSF Arctic III	Crack in ROV high pressure filter housing.
UKCS/1519	27/06/2012	57-22N: 01-22E	Oil	Condensate	0.0192 tonnes	Arbroath	Failure of atmospheric vent from main generator.
UKCS/1520	27/06/2012	57-15N: 00-48E	Oil	Lubrication	0.0018 tonnes	Guillemot, Teal, Anasuria	Internal leak within the lube oil system.
UKCS/1521	29/06/2012	56-23N: 02-15E	Chemical	Methanol	5 kg	Janice A FPU	Suspected leak from umbilical.
UKCS/1522	30/06/2012	57-44N: 00-54E	Oil	Other	0.01 tonnes	Forties FB	Release of wellbore fluids from BOP.
UKCS/1523	30/06/2012	58-18N: 01-46W	Oil	Hydraulic	0.7 tonnes	Captain FPSO	Failure of thruster seal.
UKCS/1524	02/07/2012	60-44N: 02-29W	Chemical	LiteCRETE blend	*	Paul B Lloyd Jnr	*
UKCS/1525	03/07/2012	57-48N: 00-58W	Oil	Sludge	0.0002 tonnes	MSV Far Server	Tank overflow.
UKCS/1526	05/07/2012	54-15N: 02-44E	Chemical	Oceanic HW443ND	400 kg	Minke Subsea Wellhead	Failure of subsea control module valves.
UKCS/1527	06/07/2012	60-18N: 04-16W	Chemical	KI-3310	129 kg	Foinaven - FPSO Petrojarl	Subsea chemical leak.
UKCS/1528	06/07/2012	54-02N: 00-43E	Oil	Diesel	0.0002 tonnes	Cleeton CPQ	Release to sea of drains contents due to blocked drains.
UKCS/1529	08/07/2012	58-26N: 00-15W	Chemical	OSW85797 & XC85293	2 kg	Claymore A	Corrosion on well pipeline.
UKCS/1530	08/07/2012	60-48N: 01-44E	Oil	Crude	0.000795 tonnes	Alwyn North NAB	Hole developed in drain pipework.
UKCS/1531	08/07/2012	58-07N: 00-12E	Oil	Waste	0.000044 tonnes	Scott JU	Overflow of safe open drains.
UKCS/1532	08/07/2012	61-19N: 03-10W	Chemical	Houghto-Safe 273CTF	24 kg	Stena Carron	Failure in venting of riser anti recoil system.
UKCS/1533	09/07/2012	57-45N: 01-48E	Oil	Hydraulic	0.000001 tonnes	Everest North	Subsea release of hydraulic hose connection to milling tool.
UKCS/1534	10/07/2012	57-50N: 00-38W	Oil	Hydraulic	0.00075 tonnes	Transocean Prospect	Burst hose at subsea tree carrier.
UKCS/1535	10/07/2012	57-45N: 01-48E	Oil	Lubrication	0.000001 tonnes	Everest North	Release of oil in air compressor skid.
UKCS/1536	10/07/2012	61-19N: 01-32E	Oil	Crude	*	Osprey Production Manifold	*
UKCS/1537	10/07/2012	61-37N: 01-18E	Oil	Crude	0.0001 tonnes	Magnus	Passing level control valve on WEMCO unit.
UKCS/1538	11/07/2012	61-02N: 01-07E	Oil	Hydraulic	0.000411 tonnes	Pelican Manifold	Failure of subsea control line couplers.
UKCS/1539	13/07/2012	60-24N: 04-03W	Chemical	Castrol Brayco Micronic SV/B	1 kg	Island Constructor	Hydraulic oil leak from hydraulic ram.
UKCS/1540	14/07/2012	61-40N: 01-22E	Oil	Shell Diala GX	0.00045 tonnes	DSV Well Enhancer	Loose fitting on ROV.
UKCS/1541	15/07/2012	57-48N: 00-58W	Oil	Hydraulic	0.18 tonnes	Buzzard Utilities	Leak from oil drum.
UKCS/1542	15/07/2012	60-41N: 02-32W	Oil	Lubrication	0.03 tonnes	Clair Phase 1	Leaking plug on drain hose from compressor lube oil sump.
UKCS/1543	15/07/2012	59-44N: 01-40E	Oil	Condensate	0.0142 tonnes	Bruce PUQ	Overflow of hazardous open drain.

UKCS/1544	15/07/2012	57-48N: 00-58W	Chemical	Aqualink 300-F v2	0.25 kg	GSF Galaxy III	Release of BOP control fluid after testing.
UKCS/1545	16/07/2012	54-24N: 02-39E	Oil	Hydraulic	0.0005 tonnes	Maersk Resolve	Damaged hydraulic hose.
UKCS/1546	16/07/2012	60-48N: 01-44E	Oil	Unknown	0.00035 tonnes	Alwyn North NAB	Overflow of open drain via hole in solid deck
UKCS/1547	17/07/2012	56-43N: 02-12E	Oil	Hydraulic	0.0087 tonnes	Saipem 7000 SSCV	Hose disconnection during operation of piston.
UKCS/1841	17/07/2012	58-43N: 01-33E	Chemical	Tellus 22	0.2 kg	ROV SV Deep Vision	Burst "O" Ring seal on ROV manipulator.
UKCS/1548	18/07/2012	56-47N: 01-53E	Oil	Oily water	0.004 tonnes	Hurricane	Grease release from deck during washing down operation.
UKCS/1549	19/07/2012	61-19N: 03-10W	Chemical	40926 Rando HD-Z 46	0.5 kg	Stena Carron	Seal failure within control block of moonpool cherry picker.
UKCS/1550	19/07/2012	58-02N: 01-08E	Oil	Hydraulic	0.005 tonnes	Britannia	Failure of hydraulic hose on lifeboat davit.
UKCS/1551	20/07/2012	57-28N: 00-30E	Chemical	Brayco Micronic SV/3	996.4 kg	Kittiwake A	Release from fractured accumulator.
UKCS/1552	20/07/2012	57-22N: 01-22E	Oil	Diesel	0.13 tonnes	Arbroath	Bunkering hose entangled in propeller of supply vessel.
UKCS/1553	20/07/2012	54-24N: 02-39E	Oil	Diesel	0.1 tonnes	Maersk Resolve - Katy	Leak in hose from supply vessel.
UKCS/1554	21/07/2012	58-02N: 01-24E	Chemical	Paint & solvent material	0.005 kg	Andrew	Paint spill to sea due to inadequate containment.
UKCS/1555	21/07/2012	59-07N: 01-36E	Chemical	MEG	76 kg	Skandi Arctic	Release of hydrotest fluid from leaking joint on 2" spool piece
UKCS/1556	22/07/2012	60-37N: 01-39E	Chemical	HW 540	763 kg	Ellon / Grant subsea system	Release of hydraulic fluid from subsea hydraulic system.
UKCS/1557	22/07/2012	54-24N: 02-39E	Oil	Hydraulic	0.00009 tonnes	Maersk Resolve - Katy	Failure of hydraulic hose.
UKCS/1558	23/07/2012	60-48N: 01-44E	Chemical	Hyspin AWH-M 46	7.902 kg	Alwyn North NAA	Failure of outlet valve on cement pump.
UKCS/1860	23/07/2012	58-06N: 01-26W	Oil	Unknown	0.0002 tonnes	Ross FPSO Bleo Holm	Sheen observed source could not be confirmed.
UKCS/1560	23/07/2012	57-11N: 01-00E	Oil	Diesel	0.16 tonnes	Gannet A	Obstruction in route to hazardous drains tank.
UKCS/1561	23/07/2012	61-37N: 01-18E	Chemical	Versaclean	15 kg	Magnus	Leak from connection in high pressure riser during BOP test.
UKCS/1562	23/07/2012	58-21N: 00-52E	Chemical	MEG & RX-9103N	1,785.91 kg	Donan FPSO GP III	Leak of heating medium into drip tray.
UKCS/1563	25/07/2012	53-13N: 02-49E	Oil	Hydraulic	0.417 tonnes	Sean RD	Failure of internal seal.
UKCS/1564	26/07/2012	60-37N: 01-40E	Oil	Waste	0.0015 tonnes	Dunbar	Leak within heat exchanger.
UKCS/1565	26/07/2012	58-07N: 00-12E	Oil	Crude	0.00025 tonnes	Scott DP	Seal failure on filter pot.
UKCS/1566	26/07/2012	59-16N: 01-30E	Chemical	ATF DEX II	0.75 kg	Harding	Leak from hydraulic supply pump.
UKCS/1567	26/07/2012	58-03N: 01-04E	Chemical	Innovert OBM	15 kg	Alba Northern	Oil based mud discharged from discharge manifold.
UKCS/1568	27/07/2012	61-05N: 01-43E	Oil	Diesel	0.39 tonnes	Brent C	Seal failure on turbine compounded by holes in deck floor.
UKCS/1569	27/07/2012	58-07N: 00-12E	Oil	Crude	0.0084 tonnes	Scott DP	Overflow from hazardous open drain.

UKCS/1570	28/07/2012	60-51N: 01-28E	Oil	Other	0.37 tonnes	Ninian Central	Overflow from drains during deluge testing.
UKCS/1571	30/07/2012	53-57N: 00-35E	Chemical	Oceanic HW540	560 kg	Minerva	Leaking solenoid valves on valve actuators.
UKCS/1572	31/07/2012	53-22N: 01-39E	Oil	Hydraulic	0.000047 tonnes	YD (Anglia) Satellite	Loose instrument coupling causing release of hydraulic fluid.
UKCS/1573	31/07/2012	60-37N: 01-39E	Oil	Waste	0.158725 tonnes	Dunbar	Oil lost from leak inside heat exchanger.
UKCS/1574	31/07/2012	53-26N: 02-09E	Oil	Hydraulic	0.0027 tonnes	Viking ED	Leak from crane.
UKCS/1575	01/08/2012	57-17N: 01-39E	Oil	Oily water	0.000004 tonnes	Marnock ETAP PDR	Unplanned activation of deluge.
UKCS/1576	01/08/2012	60-57N: 00-56E	Chemical	Emulsotron x8425	5.168 kg	Heather A	Failed PSV.
UKCS/1577	01/08/2012	61-19N: 03-10W	Chemical	40926 Rando HD-Z 46	2 kg	Stena Carron	Failure of hydraulic supply hose.
UKCS/1578	01/08/2012	56-43N: 01-18E	Oil	Diesel	0.000004 tonnes	Curlew FPSO	Leaking flange on diesel tank filling line.
UKCS/1579	02/08/2012	59-44N: 01-40E	Oil	Waste	0.0005 tonnes	Bruce D	Release when emptying of drum.
UKCS/1580	03/08/2012	53-01N: 01-47E	Chemical	Aqualink 300-F v2	350 kg	Delilah Hydraulic System	Failure of subsea hydraulic line.
UKCS/1581	04/08/2012	61-02N: 01-07E	Oil	Crude	0.00174 tonnes	Pelican P14 flowbase	Bubbles from P-14 flowline cap during well abandonment.
UKCS/1582	05/08/2012	61-14N: 01-08E	Chemical	Ammonium Bisulphite 65%	200 kg	Cormorant North	Chemical storage tank overflow.
UKCS/1583	05/08/2012	57-50N: 00-38W	Oil	Hydraulic	0.013 tonnes	Transocean Prospect	Fitting failure on ROV control unit.
UKCS/1584	06/08/2012	58-18N: 01-46W	Oil	Crude	0.000002 tonnes	Captain WPP'A'	Minor spillage of water injection fluid during maintenance.
UKCS/1585	06/08/2012	58-02N: 01-24E	Oil	Hyspin AWH-M32	0.00131 tonnes	Andrew	Release from gangway hydraulic system.
UKCS/1586	08/08/2012	61-07N: 01-44E	Oil	Diesel	0.002 tonnes	Brent D	Leak from the marine breakaway coupling.
UKCS/1587	09/08/2012	53-23N: 02-08E	Oil	Diesel	0.000063 tonnes	Viscount VO	Failure of diesel day tank vent system.
UKCS/1588	11/08/2012	56-11N: 02-45E	Oil	Diesel	0.0026 tonnes	Ocean Princess	Diesel tank overfill.
UKCS/1589	11/08/2012	56-41N: 02-20E	Chemical	Cat ELC Premix 50/50	290 kg	Judy	Loose cap on engine coolant radiator.
UKCS/1590	11/08/2012	57-54N: 00-01E	Chemical	Aqualink 300-F v2	1,635 kg	Buchan A	Subsea release of hydraulic well control fluid.
UKCS/1591	12/08/2012	57-17N: 02-10E	Oil	Hydraulic	0.000024 tonnes	Lomond	Small leak observed from O ring on north crane hydraulic boom.
UKCS/1592	12/08/2012	61-16N: 01-25E	Chemical	Sodium Bromide brine	900 kg	Borgsten Dolphin	Leak from failed MODU slip joint.
UKCS/1593	13/08/2012	58-52N: 01-31E	Oil	Diesel	0.415 tonnes	Brae East	Diesel leak from diesel utility point.
UKCS/1594	13/08/2012	54-24N: 02-39E	Chemical	Base oil	0.07 kg	Maersk Resolve	Leaking base oil from loading hose.
UKCS/1595	14/08/2012	58-24N: 00-34W	Oil	Crude	0.001 tonnes	BW Athena 14/18B	Release of oil within crude oil cooler into cooling water system.
UKCS/1596	15/08/2012	53-41N: 03-32W	Chemical	Oceanic HW540 v2	24 kg	Douglas FPSO OSB	Subsea hydraulic umbilical failure.

UKCS/1597	15/08/2012	53-45N: 01-04E	Oil	Hydraulic	0.002 tonnes	West Sole WC	Release from platform crane hydraulic system.
UKCS/1598	15/08/2012	58-24N: 00-34W	Oil	Crude	0.001 tonnes	BW Athena 14/18B	Oil release whilst cleaning overboard discharge line.
UKCS/1599	16/08/2012	58-25N: 00-20E	Chemical	Pelagic 100 control fluid	20 kg	Saltire A	Release from hydraulic fluid system.
UKCS/1600	17/08/2012	58-07N: 00-12E	Chemical	Oceanic HW540E	478 kg	Scott Subsea Structure A	Leak from injection master valve.
UKCS/1601	17/08/2012	60-19N: 04-16W	Chemical	Tellus 22 hydraulic fluid	1 kg	Subsea Viking	Hydraulic pump failure on ROV.
UKCS/1602	18/08/2012	57-22N: 01-22E	Oil	Crude	0.00431 tonnes	Arbroath	Vent line from generator.
UKCS/1603	18/08/2012	56-23N: 02-15E	Oil	Waste	0.031 tonnes	Janice A FPU	Washing down of a deck resulting in oily liquid waste.
UKCS/1604	19/08/2012	54-24N: 02-39E	Chemical	Erifon CLS 40	20 kg	Maersk Resolve	Leak from BOP.
UKCS/1605	19/08/2012	58-24N: 00-34W	Oil	Diesel	0.01 tonnes	BW Athena 14/18B	Diesel bunkering hose failure.
UKCS/1606	20/08/2012	61-21N: 01-34E	Chemical	Enviromul mud	238 kg	Thistle A	Leak from hose transferring OBM slops to supply vessel.
UKCS/1607	20/08/2012	60-20N: 04-14W	Chemical	NUTO 22	2 kg	Subsea Viking	Hydraulic hose failure on ROV.
UKCS/1608	21/08/2012	57-08N: 00-57E	Oil	Crude	0.00453 tonnes	MSV Seawell	Residual oil left in hose.
UKCS/1609	22/08/2012	57-15N: 00-48E	Chemical	TEG	25 kg	Guillemot, Teal, Anasuria	Leaking joint from TEG generation vessel.
UKCS/1610	22/08/2012	58-27N: 00-15E	Chemical	Sodium Hypochlorite solution	0.2 kg	Piper B	Leak from cooling water system valve.
UKCS/1611	23/08/2012	58-17N: 00-24E	Oil	Crude	14.04 tonnes	Galley	Crack in Galley to Tartan flowline.
UKCS/1612	23/08/2012	58-17N: 00-12E	Chemical	Ammonium Bisulphite 65%**	72.39 kg	Scott South	Leak from valve bonnet.
UKCS/1613	24/08/2012	58-25N: 00-20E	Oil	Diesel	0.04309 tonnes	Saltire A	Failure of bunkering hose during pressure testing.
UKCS/1614	24/08/2012	57-03N: 01-50E	Oil	Oily water	0.5063 tonnes	Elgin PUQ	Drains overloaded during process flush.
UKCS/1615	24/08/2012	57-22N: 01-22E	Chemical	Oceanic HW443R v2	10 kg	Arbroath	Small release from wells control panel hydraulic system.
UKCS/1616	24/08/2012	57-08N: 00-57E	Chemical	Mobilgear 600xp 68	8.8 kg	MSV Seawell	AZI thruster seal failure.
UKCS/1617	25/08/2012	60-37N: 01-39E	Oil	Waste	0.000212 tonnes	Dunbar	Faulty flange.
UKCS/1618	25/08/2012	53-50N: 00-26E	Oil	Hydraulic	0.0034 tonnes	Rough BP	Platform crane hydraulic oil pipework failure.
UKCS/1619	26/08/2012	57-00N: 01-17E	Oil	Crude	0.000006 tonnes	Kyle SSIV Flange	Removal of flange.
UKCS/1620	26/08/2012	57-48N: 00-58W	Oil	Crude	0.0062 tonnes	Buzzard Production	Leak from hold up drum via flare system.
UKCS/1621	28/08/2012	59-10N: 01-35E	Chemical	MEG dye mix	0.05 kg	Skandi Achiever	Treated MEG for testing damaged pipeline.
UKCS/1622	31/08/2012	53-21N: 02-34E	Oil	Diesel	1 tonne	Inde AP	Split in filter housing of engine fuel filter/water separator.
UKCS/1623	31/08/2012	61-21N: 01-34E	Oil	Crude	0.0168 tonnes	Thistle A	Valve failure during planned maintenance.

UKCS/1624	31/08/2012	57-00N: 01-50E	Chemical	Innovert mud	10.1 kg	Elgin WHPA	Hose failure.
UKCS/1625	01/09/2012	60-20N: 04-14W	Chemical	NUTO 22	1 kg	Subsea Viking	Hydraulic fluid leak from ROV.
UKCS/1626	01/09/2012	54-24N: 02-39E	Chemical	Tellus S2 V 15	0.001 kg	Maersk Resolve	Overfill of bauxite in the mixing tank.
UKCS/1627	01/09/2012	60-48N: 01-26E	Chemical	Oceanic HW540E	1,302 kg	Ninian Southern	Failure of the "10" oil export line.
UKCS/1628	01/09/2012	58-06N: 01-26W	Chemical	Oceanic HW443	2, 200 kg	Ross FPSO Bleo Holm	Subsea hydraulic system failure.
UKCS/1629	03/09/2012	56-41N: 02-14E	Oil	Hydraulic	0.02138 tonnes	Maersk Resilient	Damaged fitting on hydraulic tension cylinder.
UKCS/1630	04/09/2012	60-44N: 02-29W	Chemical	Sodium Chloride brine	2,945 kg	Paul B Lloyd Jnr	Brine release from MODU slip joint.
UKCS/1631	04/09/2012	58-17N: 00-12W	Oil	Waste	0.0008 tonnes	Scott JD	Leak in drain line.
UKCS/1632	05/09/2012	57-17N: 02-10E	Chemical	EEHC1	6,000 kg	Lomond	Failure of bursting disc on cooling medium system.
UKCS/1633	05/09/2012	53-27N: 01-43E	Oil	Diesel	0.048 tonnes	Clipper PT	Failure to close valve during repairs.
UKCS/1634	07/09/2012	61-19N: 03-10W	Chemical	Erifon HD603N & Glycol/water	170 kg	Stena Carron	Hydraulic leak from BOP.
UKCS/1635	07/09/2012	54-04N: 00-54E	Oil	Hydraulic	0.0004 tonnes	Ravenspurn North ST3	Loose fitting on ROV hydraulic hose.
UKCS/1636	07/09/2012	54-26N: 02-28E	Chemical	Barite	250 kg	EnSCO 80	Barite overfilled into mixing tank.
UKCS/1637	09/09/2012	57-48N: 00-58W	Oil	Waste	0.028 tonnes	Buzzard Production	Blocked drain box.
UKCS/1638	10/09/2012	60-19N: 04-16W	Chemical	NUTO 22	0.2 kg	Subsea Viking	Hydraulic hose failure.
UKCS/1639	10/09/2012	53-50N: 00-26E	Oil	Hydraulic	0.000058 tonnes	Rough BD	C1 well interspace vent line.
UKCS/1640	10/09/2012	57-17N: 02-10E	Oil	Lubrication	0.001 tonnes	Lomond	Lubrication oil leak from air compressor.
UKCS/1641	13/09/2012	56-41N: 02-14E	Oil	Hydraulic	0.002 tonnes	Maersk Resilient	Cracked tilt cylinder on DDM (top drive).
UKCS/1642	13/09/2012	53-48N: 01-01E	Oil	Hydraulic	0.04 tonnes	Hyde	Hydraulic valve failure.
UKCS/1643	15/09/2012	61-21N: 01-09E	Oil	Hydraulic	0.00051 tonnes	Eider	Fractured hydraulic oil hose on crane.
UKCS/1644	16/09/2012	53-19N: 02-14E	Chemical	Aqualink 300-E v2	25 kg	LOGGS ZD	Leak from supply line to slot 3 DHSV.
UKCS/1645	16/09/2012	61-05N: 01-43E	Oil	Diesel	0.00039 tonnes	Brent C Platform	Drain valve malfunction.
UKCS/1646	17/09/2012	56-23N: 02-15E	Oil	Waste	0.12 tonnes	Janice A FPU	Failure of T-piece in drains system.
UKCS/1647	17/09/2012	61-29N: 01-27E	Chemical	Transaqua HT2	2,842 kg	Don Northern Producer	Faulty subsea control module.
UKCS/1648	17/09/2012	57-57N: 01-50W	Chemical	Transaqua HT2	253.5 kg	Armada	Failure of accumulator released hydraulic oil to sea.
UKCS/1649	19/09/2012	61-37N: 01-18E	Oil	Lubrication	0.0086 tonnes	Magnus	Leak on lube oil cooler.
UKCS/1650	19/09/2012	57-48N: 00-58W	Chemical	OBM	1.3 kg	GSF Galaxy III	Overfill of mud tank on supply vessel.

UKCS/1651	21/09/2012	53-35N: 03-24W	Oil	Hydraulic	0.00015 tonnes	110/13 - 14	Failure of ROV hydraulics during decommissioning operations.
UKCS/1652	21/09/2012	58-07N: 00-12W	Chemical	Oceanic HW540E	19,500 kg	Scott Production Cluster	Leak in control line.
UKCS/1653	22/09/2012	54-02N: 00-43E	Oil	Hydraulic	0.004 tonnes	Cleeton CPQ	Release of oil to sea via open drain.
UKCS/1654	22/09/2012	58-18N: 01-46W	Chemical	TEG & scale inhibitor SCWH5427	2,200 kg	Captain WPP'A'	Overflow of tank due to incorrect tank being used.
UKCS/1655	23/09/2012	60-54N: 01-25E	Oil	Diesel	0.01 tonnes	Ninian Northern	Overflow from diesel tank.
UKCS/1656	24/09/2012	60-57N: 00-56E	Oil	Diesel	0.35 tonnes	Heather A	Open valve caused overflow through the vent line.
UKCS/1657	25/09/2012	56-58N: 01-52E	Chemical	Aqualink 300-F v2	160 kg	Rowan Gorilla V	Failure of blow out protector control fluid hose.
UKCS/1658	26/09/2012	60-56N: 02-53W	Oil	Hydraulic	0.0087 tonnes	DSV Polar Prince	ROV hydraulic leak.
UKCS/1659	27/09/2012	60-56N: 02-53W	Oil	Hydraulic	0.0087 tonnes	DSV Polar Prince	ROV hydraulic leak.
UKCS/1660	28/09/2012	54-02N: 00-43E	Chemical	Oceanic HW540 E	200 kg	Cleeton CW Wellhead Tower	Hydraulic valve seal failure.
UKCS/1661	28/09/2012	58-41N: 01-16E	Oil	Crude	0.496 tonnes	Brae A	Traces of crude oil in potable water system in accommodation.
UKCS/1662	29/09/2012	60-51N: 01-28E	Oil	Diesel	0.328 tonnes	Ninian Central	Leak in main header tanker.
UKCS/1663	29/09/2012	53-37N: 00-47E	Chemical	Tellus 22	0.5 kg	Deep Vision	Small release of drilling lubricant from ROV.
UKCS/1664	30/09/2012	54-01N: 00-57E	Chemical	Tellus 22	5 kg	Deep Vision	Small release of drilling lubricant from ROV.
UKCS/1842	01/10/2012	53-40N: 01-55E	Chemical	Methanol	850 kg	Annabel	Leak path in line between platform and well head.
UKCS/1666	02/10/2012	60-18N: 04-16W	Chemical	NUTO 22	0.15 kg	P43 SCM Subsea Viking	ROV hose leak.
UKCS/1667	03/10/2012	53-19N: 02-34E	Oil	Hydraulic	0.01 tonnes	Inde CD	Release from well cavity during testing.
UKCS/1668	08/10/2012	53-14N: 02-01E	Oil	Hydraulic	0.000008 tonnes	Vulcan 1	Failure of hydraulically operated valve.
UKCS/1669	09/10/2012	61-05N: 01-43E	Oil	Waste	0.00241 tonnes	Brent C	Oily drain water from tank overflow.
UKCS/1670	09/10/2012	61-19N: 03-10W	Chemical	Erifon HD603N & glycol/water	42.5 kg	Stena Carron	BOP valve failure.
UKCS/1671	11/10/2012	61-37N: 01-16 E	Chemical	Calcium chloride & calcium bromide	40 kg	Byford Dolphin	Release of brine from trip tank fill line.
UKCS/1672	12/10/2012	58-18N: 01-44W	Oil	Crude	0.001125 tonnes	Captain FPSO	Failure of meter stream filter lid seal.
UKCS/1673	12/10/2012	60-48N: 01-44E	Chemical	Glycol/water mixes	0.4 kg	Alwyn North NAA	Corroded pipe leading to glycol leak.
UKCS/1674	13/10/2012	58-21N: 00-52E	Oil	Hydraulic	0.44 tonnes	Donan FPSO GP III	Hydraulic oil from turret bearing system.
UKCS/1675	14/10/2012	57-47N: 00-38W	Oil	Hydraulic	0.000645 tonnes	Transocean Prospect	Loss of hydraulic oil from ROV.
UKCS/1676	15/10/2012	53-01N: 02-15E	Oil	Hydraulic	0.15 tonnes	Leman CD	Hydraulic filter housing failure on the national crane.
UKCS/1677	15/10/2012	58-18N: 01-44W	Oil	Diesel	0.051 tonnes	Captain FPSO	Release from diesel bunkering hose.

UKCS/1678	16/10/2012	59-32N: 01-32E	Chemical	Oceanic HW540 v2	820 kg	Beryl A	Topside hydraulic fluid release.
UKCS/1679	16/10/2012	53-45N: 01-04E	Chemical	Tellus 22	0.18 kg	ROV SV Deep Vision	Hose failure on ROV.
UKCS/1680	17/10/2012	57-04N: 02-05E	Chemical	Oceanic HW443v2	151 kg	Machar Manifold	Leak from subsea hydraulic jumper.
UKCS/1681	17/10/2012	57-04N: 02-05E	Chemical	Oceanic HW443v2	245 kg	Machar Manifold	Leaking fitting on jumper hose.
UKCS/1682	19/10/2012	53-05N: 02-32E	Chemical	Aqualink HT804F v2	178 kg	Thames AW	Fitting failure on hydraulic control line.
UKCS/1683	20/10/2012	57-11N: 00-44E	Chemical	Brayco Micronic SV/3	10.58 kg	DSV Acergy Osprey	Subsea control fluid leak from loose fitting on valve.
UKCS/1684	20/10/2012	57-17N: 01-39E	Chemical	Brayco Micronic SV/3	0.262 kg	ETAP	Leak from pipework topside.
UKCS/1685	21/10/2012	61-05N: 01-43E	Oil	Other	0.00149 tonnes	Brent C	Release of oil from drains after deluge used.
UKCS/1686	22/10/2012	60-21N: 04-03W	Chemical	Methanol	39.1 kg	Schiehallion FPSO	Failure of methanol umbilical.
UKCS/1687	22/10/2012	54-26N: 02-28E	Chemical	DF1	45 kg	EnSCO 80	Leak from rig's diverter overshoot assembly.
UKCS/1688	22/10/2012	59-16N: 01-30E	Chemical	Erifon 818	22.5 kg	Harding	Seal failure on conductor tensioner.
UKCS/1689	22/10/2012	53-48N: 01-01E	Oil	Condensate	0.000174 tonnes	Hyde	Internal investigation could not locate source.
UKCS/1690	23/10/2012	57-54N: 00-36W	Oil	Waste	0.002 tonnes	Etrick FPSO Aoka Mizu	Drains overflow.
UKCS/1691	24/10/2012	60-52N: 03-08W	Chemical	Pelagic 50 & Stack Glycol A	3,435.30 kg	West Phoenix	Seal failure to the stack stinger.
UKCS/1692	24/10/2012	53-50N: 00-26W	Oil	Condensate	0.000077 tonnes	Rough BP	Condensate release due to passing isolation valve.
UKCS/1693	24/10/2012	56-35N: 02-00E	Oil	Hydraulic	0.0009 tonnes	WilHunter	Small hydraulic leak on a BOP carrier hydraulic hose.
UKCS/1694	24/10/2012	58-15N: 00-05E	Oil	Hydraulic	0.0005 tonnes	WilPhoenix	Residual oil on BOP carrier carried to sea with rainwater.
UKCS/1695	25/10/2012	58-06N: 01-26W	Chemical	Oceanic HW443v2	80 kg	Ross FPSO Bleo Holm	Leak from faulty TLIV jumper hose.
UKCS/1696	26/10/2012	61-14N: 01-08E	Chemical	Versaclean FL	2.1 kg	Cormorant North	Oil based mud misted out from top of drill pipe.
UKCS/1697	26/10/2012	57-48N: 00-58W	Chemical	FX1662	250 kg	Buzzard	Leak in overflow line from amine sump tank.
UKCS/1698	27/10/2012	58-15N: 00-05E	Chemical	DF1 & Barite	0.883 kg	WilPhoenix	Slip joint packer seepage during stormy weather.
UKCS/1700	29/10/2012	53-42N: 01-09E	Oil	Hydraulic	0.003 tonnes	West Sole WA	HPU unit for W.A.S wellheads.
UKCS/1701	29/10/2012	57-15N: 00-48E	Oil	Crude	0.01566 tonnes	Guillemot, Teal, Anasuria	Leak from repair clamp on the TEAL riser.
UKCS/1702	29/10/2012	60-44N: 02-29W	Chemical	Stack-Magic eco-f & glycol/water	1.06 kg	Paul B Lloyd Jnr	Small release of hydraulic fluid from BOP.
UKCS/1703	29/10/2012	58-22N: 00-53E	Chemical	Versaclean CBE	1,527 kg	Noble Ton Van Langeveld	Slip joint packer failure.
UKCS/1704	29/10/2012	57-48N: 00-48E	Oil	Lubrication	0.1 tonnes	Buzzard Utilities	Failure of emergency generator.
UKCS/1705	30/10/2012	60-18N: 04-16W	Chemical	Oceanic HW540 v2	508.8 kg	Foinaven - FPSO Petrojarl	Release from subsea chemical injection line.

UKCS/1706	31/10/2012	57-15N: 00-48E	Oil	Hydraulic	0.00004 tonnes	ROV on Norman Subsea	Hydraulic leak from loose brush ROV.
UKCS/1707	01/11/2012	53-05N: 02-07W	Oil	Condensate	0.001422 tonnes	Leman AD1	Leak to flange on closed drains.
UKCS/1708	01/11/2012	57-04N: 02-05E	Chemical	Oceanic HW 443	1,459 kg	Machar Manifold	Faulty shuttle valve.
UKCS/1709	01/11/2012	61-16N: 00-55E	Chemical	EPT-2093 & Fluorodye UC	63.5 kg	Tern	Release from damaged pipeline.
UKCS/1710	02/11/2012	59-16N: 01-30E	Chemical	NaCl brine	0.005 kg	Harding	Seal failure on annulus.
UKCS/1711	02/11/2012	57-10N: 01-26E	Chemical	Tellus M32	0.3 kg	Madoes Subsea Manifold	Leak due to lose fitting on ROV hydraulic line.
UKCS/1712	04/11/2012	59-16N: 01-30E	Chemical	Erifon 818	22.5 kg	Harding	Seal failure on conductor tensioner.
UKCS/1713	07/11/2012	56-41N: 02-14E	Chemical	OBM mixture	0.005 kg	Maersk Resilient	Mud released through vapour from shaker-room.
UKCS/1714	08/11/2012	57-11N: 00-44E	Chemical	FX2504	495 kg	Guillemot West DC1 Manifold	Slight leak from SI-1 connector on manifold.
UKCS/1715	09/11/2012	61-16N: 00-55E	Chemical	SCW85594UC	2.6 kg	Kestrel Subsea Completion P1	Minor subsea release of chemical on commissioning.
UKCS/1716	09/11/2012	56-43N: 02-12E	Oil	Lubrication	0.00254 tonnes	Ensko 102	Engine oil blown from drip tray.
UKCS/1717	09/11/2012	61-16N: 00-55E	Oil	Hydraulic	0.0042 tonnes	Kestrel Subsea Completion P1	Loss of hydraulic fluid subsea on commissioning.
UKCS/1718	10/11/2012	57-11N: 01-00E	Oil	Kerosene	0.0001 tonnes	Gannet A	Blocked drain.
UKCS/1719	10/11/2012	53-39N: 01-08E	Oil	Hydraulic	0.005 tonnes	Nelson	Pinhole leak in hydraulic fitting on lifeboat 1 winch.
UKCS/1720	11/11/2012	53-38N: 02-04E	Oil	Other	0.000122 tonnes	Viking BD	Methanol leak from redundant line.
UKCS/1721	12/11/2012	61-37N: 01-18E	Chemical	Hyspin AWH-M 32	0.09 kg	Magnus	Weeping fitting on small bore pipework.
UKCS/1722	14/11/2012	56-00N: 03-11E	Oil	Crude	0.0057 tonnes	CSV Grand Canyon	Recovered lines leaked contents outside bunded area.
UKCS/1723	15/11/2012	52-02N: 00-43E	Oil	Condensate	0.000001 tonnes	Cleeton CPQ	Small leak during isolation of LP gas pipeline.
UKCS/1724	15/11/2012	59-16N: 01-30E	Chemical	Erifon 818	22.5 kg	Harding	Seal failure on conductor tensioner unit.
UKCS/1725	15/11/2012	56-27N: 02-17E	Chemical	Transaqua HT2	773 kg	Clyde	Release from previously disconnected jumper.
UKCS/1726	15/11/2012	60-51N: 01-28E	Chemical	Oceanic HW540 v2	485.48 kg	Strathspey Manifold	Subsea hydraulic system failure.
UKCS/1843	15/11/2012	58-26N: 00-15W	Oil	Condensate	0.015 tonnes	Claymore A	Heavy ends carryover during blowdown.
UKCS/1728	16/11/2012	58-02N: 01-08E	Chemical	Transaqua HT2	331.7 kg	Britannia	Control fluid release from subsea valve.
UKCS/1729	17/11/2012	58-02N: 01-08E	Chemical	Transaqua HT2	0.786 kg	Britannia	Release of hydraulic fluid from valve actuator.
UKCS/1844	17/11/2012	60-48N: 01-44E	Oil	Unknown	0.0595 tonnes	Alwyn North NAB Platform	Total internal investigation - could not locate source.
UKCS/1731	19/11/2012	60-52N: 03-08W	Oil	Hydraulic	0.020457 tonnes	West Phoenix	ROV seal leak.
UKCS/1732	20/11/2012	58-06N: 01-26W	Chemical	Oceanic HW443v2	440 kg	Ross FPSO Bleo Holm	Hydraulic leak on burst hose.

UKCS/1733	23/11/2012	57-10N: 02-00E	Chemical	Methanol	5 kg	Elgin WHP A	G5 C annulus vented methanol to sea.
UKCS/1734	25/11/2012	59-16N: 01-30E	Chemical	Erifon 818	7 kg	Harding	Release of fluid from tensioner equipment.
UKCS/1735	25/11/2012	57-48N: 00-58W	Chemical	Enviromul	40 kg	GSF Galaxy III	Failure of seal on top drive.
UKCS/1736	25/11/2012	53-05N: 02-07W	Oil	Waste	0.00012 tonnes	Leman AK	Slops tank overflow.
UKCS/1737	26/11/2012	58-06N: 01-26W	Chemical	Oceanic HW443v2	485 kg	Ross FPSO Bleo Holm	Hydraulic leak from SCM on the BH762 (PP2) well.
UKCS/1738	26/11/2012	61-16N: 00-55E	Oil	Crude	0.00004 tonnes	Tern	Overflow of oil separation tank.
UKCS/1739	26/11/2012	57-04N: 02-05E	Chemical	Oceanic HW443v2	4.815 kg	Machar Manifold	Leak on stem of production master valve.
UKCS/1740	27/11/2012	57-58N: 01-51E	Chemical	Transaqua HT2	300 kg	Seymour WHPS	Leak from hydraulic line to well.
UKCS/1741	27/11/2012	57-05N: 00-53E	Chemical	Cortron CK 929-G	40,630 kg	Guillemot West(Triton) FPSO	Corrosion observed in jumper hose termination at splitter box.
UKCS/1742	27/11/2012	61-01N: 01-18E	Chemical	Stack-Magic ECO-F v2	3 kg	Ocean Nomad	Small hole in BOP mix tank.
UKCS/1743	28/11/2012	60-37N: 01-39E	Chemical	Oceanic HW443	1,200 kg	Jura WHPS 2	Failure of a thermoplastic hose.
UKCS/1744	28/11/2012	60-53N: 01-16E	Chemical	Oceanic HW540 E	606 kg	Lyell Manifold	Control fluid released from wellhead control line.
UKCS/1745	29/11/2012	57-43N: 00-58E	Oil	Crude	0.019 tonnes	Forties FA	Oil collar build up and carry over.
UKCS/1746	30/11/2012	60-18N: 04-16W	Oil	Hydraulic	0.0001 tonnes	Foinaven - FPSO Petrojarl	Failure of seal on ROV torque tool.
UKCS/1747	30/11/2012	52-59N: 01-50E	Oil	Hydraulic	0.4 tonnes	Hewett 52/5 A	Failed hydraulic fitting.
UKCS/1748	30/11/2012	60-36N: 01-53E	Chemical	Cement	15,500 kg	Sedco 714	Faulty weight indicator on cement surge tank.
UKCS/1749	01/12/2012	57-48N: 00-58W	Chemical	Aqualink 300f	5 kg	GSF Galaxy III	Leak from valve on BOP.
UKCS/1750	01/12/2012	60-51N: 01-28E	Oil	Diesel	0.04 tonnes	Ninian Central	Failure of flexible pipework during operations.
UKCS/1751	02/12/2012	57-05N: 00-53E	Chemical	Brayco Micronic SV3	17.01 kg	Guillemot West(Triton) FPSO	Leak from control valve.
UKCS/1752	04/12/2012	58-02N: 01-08E	Chemical	TEG & EC1389B	*	Britannia	*
UKCS/1753	05/12/2012	53-50N: 03-35W	Oil	Diesel	0.005 tonnes	Morecambe South AP1	Corrosion of diesel distribution pipework.
UKCS/1754	05/12/2012	57-54N: 00-36W	Chemical	Sodium Hypochlorite 15%	0.019 kg	Etrick FPSO Aoka Mizu	Failure of water injection GRE supply pipe work.
UKCS/1755	06/12/2012	60-18N: 04-16W	Oil	Hydraulic	0.0025 tonnes	Foinaven - FPSO Petrojarl	Severed thruster hose.
UKCS/1756	06/12/2012	57-10N: 01-26E	Chemical	Oceanic HW 443	704 kg	Madoes Subsea Manifold	Failure of passing control valve on cluster well.
UKCS/1757	07/12/2012	53-50N: 00-26W	Oil	Diesel	0.000627 tonnes	Rough CD	Centrica Internal investigation - could not locate source.
UKCS/1845	07/12/2012	56-27N: 02-17E	Chemical	Pelagic 100	15,075 kg	Clyde	Leak from P1 Subsea Control Module.
UKCS/1759	08/12/2012	57-54N: 00-35W	Oil	Lubrication	0.0009 tonnes	Etrick FPSO Aoka Mizu	Overflow of storm drain due to heavy rainfall.

UKCS/1760	10/12/2012	59-44N: 01-40E	Chemical	Corroless CCI250	159 kg	Bruce D	Partially open drain valve.
UKCS/1761	10/12/2012	57-04N: 02-05E	Chemical	Tellus 32	2,625 kg	MSV Well Enhancer	Failed hydraulic hose supplying pressurised fluid to ROV.
UKCS/1762	11/12/2012	53-57N: 00-35E	Chemical	Oceanic HW540	361 kg	Minerva	Release from a 'J Tube' assembly.
UKCS/1846	14/12/2012	53-44N: 01-20E	Chemical	CORRTREAT 7004	4,100 kg	Seven Seas 2 SSTM	Suspected external leak subsea from injection umbilical.
UKCS/1764	15/12/2012	56-43N: 01-18E	Chemical	***TEG, Nalco E6157A	*	Curlew FPSO	*
UKCS/1783	17/12/2012	57-27N: 01-23E	Oil	Diesel	0.00305 tonnes	Montrose A	Split diesel bunkering hose.
UKCS/1861	17/12/2012	54-03N: 03-42W	Chemical	Water based mud	138829.09 kg	Noble Byron Welliver	Fraction in formation.
UKCS/1785	17/12/2012	60-52N: 03-08W	Oil	Hydraulic	0.0002 tonnes	West Phoenix	Release from ROV arm seal.
UKCS/1786	18/12/2012	56-41N: 02-14E	Oil	Diesel	0.005 tonnes	Maersk Resilient	Small hole on bunkering hose.
UKCS/1787	18/12/2012	60-18N: 04-16W	Oil	Crude	0.0144 tonnes	Foinaven - FPSO Petrojarl	Leak during seal change-out operation.
UKCS/1862	18/12/2012	60-37N: 01-39E	Chemical	Oceanic HW443v2	800 kg	Dunbar	Hydraulic release - cause unclear.
UKCS/1789	23/12/2012	58-00N: 01-55W	Chemical	Methanol	1 kg	Armada	Small methanol release associated with valve leakage.
UKCS/1790	23/12/2012	59-16N: 01-30E	Oil	Crude	0.000001 tonnes	Harding	Loss of containment at crude oil heater.
UKCS/539	24/12/2012	56-35N: 02-00E	Oil	Fuel	0.070 tonnes	MSV Vos Sentinel	Burst fuel pipe to vessel's emergency generator.
UKCS/1791	26/12/2012	61-21N: 01-34E	Oil	Crude	0.0015 tonnes	Thistle A	Overflow of an open drain catch trough.
UKCS/1792	27/12/2012	58-02N: 01-08E	Chemical	TEG & EC1389B	290.4 kg	Britannia	Release of coolant from crude oil separation heater.
UKCS/1847	28/12/2012	58-06N: 01-26W	Chemical	Oceanic HW433v2	35 kg	Ross FPSO Bleo Holm	Failed hydraulic jumper hose.
UKCS/1793	29/12/2012	53-00N: 02-11E	Oil	Mineral	0.01748 tonnes	Leman Delta	Hydraulic leak from surface wellhead.

* These incidents are subject to further DECC review and, therefore, the missing information will be provided in the next annual report.

** UKCS1612 This incident also includes BIOTREAT 7407, Foamtreat 943, Scavtreat 12345 & Sodium Hypochlorite 15%.

*** UKCS 1764 This incident also included the following chemicals:TEG, Aircol SR46, RX-9103N, Nalco EC6029A, FX3060, RX-2030, Tellus S2V15, Turbo T46 (gas turbine oil), Tellus S2V32, Turbine Oil 560 (turbine oil), Sirius 15W40 (engine oil), Tellus oil T15 (hydraulic oil), 15W40 (engine oil), Turbo-K Marine, S4TR V68 (refrigeration compressor oil) and lubricating oil.

******ONGOING RELEASES**

Date of initial release	Location	Category	Type	Amount	Source	Comments
01/05/1999	53-32N: 03-34W	Chemical	MEG	29,739 kg	Douglas DD	Hairline cracks in Heating Medium Exchanger .
01/05/1999	53-32N: 03-34W	Chemical	EC1188A	2,450 kg	Douglas DD	Hairline cracks in Heating Medium Exchanger.
01/05/1999	53-32N: 03-34W	Chemical	Sodium Hydroxide (50%)	450 kg	Douglas DD	Hairline cracks in Heating Medium Exchanger .
23/08/2006	58-30N: 01-15W	Oil	Hydraulic	9.21 tonnes	Thelma Manifold	Failure of hydraulic system.
01/01/2007	60-57N: 00-56E	Chemical	Transaqua HT2	7,480 kg	Heather A	Leak from an isolation valve.
27/03/2009	53-54N: 03-43W	Chemical	Oceanic HW 443 R	2,402 kg	Dalton Template/Manifold	Leak in a hydraulic system.
21/12/2009	59-44N: 01-40E	Chemical	Oceanic 540W	11,602.4 kg	Bruce PUQ	Leak from subsea hydraulic hose.
02/06/2010	58-21N: 00-52E	Oil	Condensate	0.0000126 tonnes	Global Producer III	Emanating from the cargo tank vent.
28/01/2011	57-09N: 02-17E	Chemical	Castrol Transaqua HT2	48 kg	Pierce FPSO	Leak from Annulus Master Valve on gas injection well.
24/06/2011	60-37N: 01-39E	Chemical	Oceanic HW443	0.467 kg	Nuggets N1	Subsea hydraulic control system.
24/07/2011	53-26N: 02-19E	Chemical	Aqualink 300 E	3 kg	Viking BA	Release from subsea control line.
28/07/2011	61-29N: 01-27E	Chemical	Methanol	39 kg	Northern Producer	Leak at Riser Base/Subsea Distribution Unit.
17/08/2011	53-41N: 03-32W	Chemical	Oceanic HW540	10.6 kg	Douglas FPSO	Leak from hydraulic control system.
17/08/2011	57-09N: 02-17E	Chemical	Castrol Transaqua HT2	0.07 kg	Pierce FPSO	Leak from subsea hydraulic line.
02/10/2011	53-30N: 02-10E	Chemical	Aqualink 300-E v2	1,353 kg	Alison SCM	Leak from subsea control module.
07/10/2011	61-37N: 01-18E	Chemical	Lube Oil	45.9 kg	Magnus	Leak on the Lube Oil Cooler.
24/10/2011	59-31N: 01-24E	Chemical	Oceanic HW 443	11,048.1 kg	Nevis South Cluster	Hydraulic fluid leak from SCM.
07/11/2011	57-45N: 01-48E	Oil	Hydraulic	3.891 tonnes	Everest North	Subsea hydraulic system failures.
21/11/2011	58-06N: 01-26W	Chemical	Oceanic HW 443	1,694 kg	Blake Manifold	Subsea hydraulic system failures.
08/12/2011	61-29N:01-27E	Chemical	Gyptron SA3460	21,753.18 kg.	Don Northern Producer	Leak from Subsea Distribution Unit.
20/12/2011	58-11N: 00-07E	Oil	Crude	0.063113 tonnes	Rob Roy Well RP58	Release from tree cap on xmas tree.
28/12/2011	53-50N: 00-26W	Oil	Diesel	0.0101 tonnes	Rough CD	Release subsea.

*** The rollover ongoing incidents above commenced and were initially recorded during a previous reporting year. As a result they have not been recorded as a new incident within the current year's number of incidents. However, the quantity of fluid released over the current period has been taken into account within the overall statistical analyses to provide a true reflection of fluids released to sea.

12: UKCS VESSEL DISCHARGES							
Reference	Date	Location	Category	Type	Amount	Source	Comments
UKCS/1800	28/03/2012	56-56N: 02-09E	Oil	Nk	1 tonne	Unidentified vessel	Reported by Ockley Installation.
UKCS/1801	06/04/2012	56-41N: 02-14E	Oil	Nk	200 litres	Unidentified vessel	Reported by Joanne Installation.
UKCS/1848	18/04/2012	56-30N: 02-06E	Oil	Crude	20.83 tonnes	Unidentified vessel	Reported by Fulmar Installation.
UKCS/1803	22/05/2012	58-21N: 00-52E	Oil	Nk	600 litres	Unidentified vessel	Reported by Donan Maersk Installation.
UKCS/1475	25/05/2012	56-41N: 02-14E	Oil	Nk	0.04 litres	Unidentified vessel	Reported by Maersk Resilient installation.
UKCS/1805	25/05/2012	56-41N: 02-14E	Oil	Nk	100 litres	Unidentified vessel	Reported by Joanne Installation.
UKCS/1804	26/05/2012	61-07N: 01-44E	Oil	Nk	380 litres	Unidentified vessel	Reported by Brent D Installation.
UKCS/527	04/06/2012	60-15N: 01-09E	Oil	Nk	Nk	Unidentified vessel	Patches of oil extending for 21 km.
UKCS/1806	07/06/2012	58-30N: 01-15E	Oil	Nk	4 litres	Unidentified vessel	Reported by Tiffany Installation.
UKCS/529	21/06/2012	58-41N: 00-59E	Oil	Nk	Nk	Unidentified vessel	Oily sheen dispersed naturally.
UKCS/540	21/06/2012	58-41N: 01-15E	Oil	Nk	Nk	Unidentified vessel	Oily sheen dispersed naturally.
UKCS/1849	22/06/2013	60-51N: 01-28E	Oil	Nk	*	Unidentified vessel	*
UKCS/1808	25/06/2012	61-10N: 01-25E	Oil	Nk	110.5 tonnes	Unidentified vessel	Reported by Dunlin Installation.
UKCS/1810	08/07/2012	57-45N: 01-48E	Oil	Nk	0.001 litres	Unidentified vessel	Reported by Everest Installation.
UKCS/1811	11/07/2012	56-27N: 02-07E	Oil	Nk	19.68 tonnes	Unidentified vessel	Reported by Fulmar Installation.
UKCS/1812	13/07/2012	56-28N: 02-08E	Oil	Nk	9.02 tonnes	Unidentified vessel	Reported by Fulmar Installation.
UKCS/1813	16/07/2012	56-41N: 02-20E	Oil	Nk	500 litres	Unidentified vessel	Reported by Judy Installation.
UKCS/1851	18/07/2012	57-42N: 01-01E	Oil	Nk	6.84 tonnes	Unidentified vessel	Reported by Forties Installation.
UKCS/1816	30/07/2012	58-02N: 01-08E	Oil	Nk	50.83 tonnes	Unidentified vessel	Reported by Britannia Installation.
UKCS/1818	31/07/2012	58-17N: 00-12W	Oil	Diesel	47.8 litres	Unidentified vessel	Reported by Scott Installation.
UKCS/1853	02/08/2012	58-07N :00-12E	Oil	Nk	61 litres	Unidentified vessel	Reported by Scott Installation.
UKCS/1819	04/08/2012	57-11N: 01-00E	Oil	Nk	1 litre	Unidentified vessel	Reported by Gannet A Installation.
UKCS/1820	06/08/2012	57-45N: 01-48E	Oil	Nk	0.2 litres	Unidentified vessel	Reported by Everest Installation.
UKCS/1821	08/08/2012	58-30N: 01-15E	Oil	Nk	290 litres	Unidentified vessel	Reported by Tiffany Installation.
UKCS/1822	11/08/2012	56-43N: 02-12W	Oil	Nk	0.03 litres	Unidentified vessel	Reported by Jasmine Installation.
UKCS/1823	12/08/2012	61-23N: 01-44E	Oil	Nk	300 litres	Unidentified vessel	Reported by Murchison Installation.
UKCS/1824	15/08/2012	61-16N: 01-42E	Oil	Crude	4.25 tonnes	Unidentified vessel	Reported by Dunlin Installation.
UKCS/1825	18/08/2012	56-29N: 02-09E	Oil	Nk	53 litres	Unidentified vessel	Reported by Fulmar Installation.
UKCS/1854	20/08/2012	57-06N: 00-57E	Oil	Nk	0.2 litres	Unidentified vessel	Reported by Gannet A Installation.
UKCS/1855	21/08/2012	57-03N: 01-50E	Oil	Nk	360 litres	Unidentified vessel	Reported by Elgin Installation.
UKCS/1827	21/08/2012	57-01N: 01-57E	Oil	Nk	360 litres	Unidentified vessel	Reported by Shearwater Installation.

UKCS/1829	24/08/2012	57-08N: 00-57E	Oil	Nk	0.3 litres	Unidentified vessel	Reported by Gannet Installation.
UKCS/1856	28/08/2012	58-18N: 00-27E	Oil	Nk	605.5 tonnes	Unidentified vessel	Reported by Tartan Installation..
UKCS/1857	26/09/2012	60-56N: 00-54E	Oil	Nk	7 litres	Unidentified vessel	Reported by Heather A Installation.
UKCS/1832	03/10/2012	56-27N: 02-17E	Oil	Crude	28.8 litres	Unidentified vessel	Reported by Clyde Installation.
UKCS/1833	30/10/2012	58-29N: 00-21E	Oil	Nk	1 tonne	Unidentified vessel	Reported by Kildrummy Installation.
UKCS/1858	01/11/2012	61-14N: 01-08E	Oil	Crude	630 litres	Unidentified vessel	Reported by Cormorant North Installation.

APPENDIX 2

SURVEY QUESTIONNAIRE AND ACCOMPANYING GUIDELINES

**MCA/ACOPS ANNUAL SURVEY OF VESSEL/OFFSHORE
SOURCED MARINE POLLUTION**

GUIDELINES TO AID COMPLETION OF THE SURVEY FORM

The survey questionnaire requests information on incidents involving a range of pollutants including mineral oil (**MARPOL I**), noxious liquid substances (**MARPOL II**), packaged dangerous/harmful goods (**MARPOL III**) and garbage (**MARPOL V**).

Reports are requested for pollution incidents attributed to discharges, or suspected discharges, from vessels and offshore installations operating within the UK Pollution Control Zone, harbour waters and national waters. Information is not required for pollution incidents attributed to land-based sources such as industrial premises, sewers and outfalls.

Annual returns can be made either by email or by post. If using email please click on the boxes provided and insert other information in the spaces provided. The email and postal versions of the survey form can be downloaded from the ACOPS website at **www.acops.org.uk** (under ACOPS Reports on the main menu) together with previous survey reports.

Please complete a separate form for each incident. Thank you for your continued support in providing this important information.

Question	Guideline
1	Please insert name of reporting organisation. If you have nothing to report please tick the <i>no pollution to report box</i> , add respondent details (Question 17) and return the questionnaire to the address shown.
2	Identify the category of vessel/offshore sourced pollution from the options given (<i>tick appropriate box</i>). Note that in the case of garbage, an incident report is requested only in circumstances involving an illegal or accidental discharge from a specific vessel/offshore installation. An incident report is not required following observations of litter at sea or on beaches from an unknown source.
3	Insert dates of the beginning and end of the incident.
4	Please identify one or more zones affected by the pollution (<i>tick appropriate box</i>). The shoreward boundary of the open sea zone is defined as 3 nautical miles (5.6 km) from nearest land.
5	State how long the pollution remained in days or weeks (<i>insert values</i>).
6	Identify the location of the incident using geo-coordinates, national grid reference, place name or other suitable method (<i>insert details</i>).

7	If known, insert the estimated volume of pollution in litres, tonnes or cubic metres. Please state any other units of volume used.
8	Please indicate the overall distance in km, or state the names of settlements at the extremities, of the affected stretch of coastline.
9	Indicate whether a vessel or offshore installation was identified as a source of pollution or simply suspected on the basis of available evidence (<i>tick most appropriate box from the options given</i>). Note that incidents attributed to land-based sources of pollution are not included in this survey.
10	Please identify the most appropriate category which indicates the scale of pollution at sea or deposited on the shoreline (<i>tick appropriate boxes</i>).
11	If known, identify the type of vessel or offshore installation causing the pollution (<i>tick one of the boxes to select the appropriate response to the options given</i>).
12	Please state the name of the vessel/offshore installation, whether UK or foreign registered and operating company if known (<i>insert details in the spaces provided</i>).
13	Identify the category and type of pollution from the options given (<i>tick the appropriate box or insert relevant details in the spaces provided</i>).
14	Indicate whether a partial or complete clean-up operation was undertaken (<i>Circle appropriate option</i>).
15	Please add details of any legal proceedings initiated against alleged offenders including fines and penalties (<i>identify options as indicated and insert other information</i>). Any further information not available at the time of reporting will be requested in a separate questionnaire.
16	Add any further relevant details as indicated (<i>by inserting information in the space provided or on a separate sheet</i>). Please include any comments on how the questionnaire might be improved.
17	Please provide the background details requested including your email address which can be used in future surveys.

Trevor Dixon,
Advisory Committee on Protection of the Sea,
c/o MCSC,
Trinity College (Julian Hunt)
Cambridge CB2 1TQ
Tel: (01494) 521923 email: DIXON-TR@SKY.COM

Advisory Committee On Protection Of The Sea

Report of a vessel / offshore sourced pollution incident

1. Name of reporting organisation or agency

No pollution to report:

FOR ACOPS USE ONLY

Questionnaire No.

Incident No.

Enumeration area:

2. Does this report describe an incident involving:

1. Mineral oil

2. Garbage

3. Vegetable / animal oil

4. Chemical substance

5. Other

(select appropriate box)

3. When did pollution occur ? (insert dates)

Year	start	finish
Jan		
Feb		
Mar		
Apr		
May		
Jun		
Jul		
Aug		
Sep		
Oct		
Nov		
Dec		

4. Zone polluted

1. Open sea

2. Tidal river or estuary

3. Bay or nearshore waters

4. Beach or shore

5. Port or harbour

6. Other

0. Not known

(select appropriate box)

5. Length of time pollution remained:

At sea days weeks

not known

On shore days weeks

not known

(insert details and select units)

6. Position or location of pollution

Lat. / Long. **OR** National grid coordinates if known

(insert details)

7. Estimated volume of pollution

litres not known

m³

tonnes

(insert amount and select units)

8. Length of coast affected

kms

OR from:

to:

OR not known:

(insert details or select 'not known')

9. Source of pollution

Vessel / offshore installation identified

Vessel / offshore installation suspected

Not known

(select appropriate box)

10. Intensity or degree of pollution

<p><i>On water</i></p> <p>1. Film, scattered blobs or lumps <input type="checkbox"/></p> <p>2. Slick up to 3 metres (10') wide <input type="checkbox"/></p> <p>3. Several slicks up to 3 metres (10') wide; or big slick 100 metres (300') extent <input type="checkbox"/></p> <p>4. Large slick, 100 metres to 1.6 km (1 mile) in extent <input type="checkbox"/></p> <p>5. Very large slick over 1.6km (1 mile) in extent <input type="checkbox"/></p> <p>0. Not known <input type="checkbox"/></p> <p><i>(select appropriate box)</i></p>	<p><i>On shore</i></p> <p>Film, blobs or lumps on shore or debris <input type="checkbox"/></p> <p>Band up to 1 metre wide <input type="checkbox"/></p> <p>Band of pollution several metres wide, or large patches all over the shore <input type="checkbox"/></p> <p>Very thick band of pollution; exposed shore 50% to 80% covered <input type="checkbox"/></p> <p>Shore totally covered with pollution <input type="checkbox"/></p> <p>Not known <input type="checkbox"/></p> <p><i>(select appropriate box)</i></p>
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Continued overleaf

11. Type of vessel or offshore installation

1. Coastal tanker / VLCC

2. Chemical tanker

3. General cargo vessel

4. Fishing vessel

5. Offshore support vessel

6. Pleasurecraft

7. Offshore oil installation

8. Wreck

9. Other

10. Not known

(select appropriate box)

12. Name of vessel or offshore installation and name of operating company

Vessel / installation name

Operating company

Nationality: UK

Foreign

Not known

(insert details and select appropriate box)

13. Type of pollution (tick appropriate box)

Mineral oil		Garbage		Other substance
Crude <input type="checkbox"/>		Galley wastes <input type="checkbox"/>		Vegetable oil <input type="checkbox"/>
Lubrication <input type="checkbox"/>		Fishing wastes <input type="checkbox"/>		Fish oil <input type="checkbox"/>
Hydraulic <input type="checkbox"/>		Cargo residues <input type="checkbox"/>		Synthetic mud <input type="checkbox"/>
Fuel <input type="checkbox"/>		Unidentified <input type="checkbox"/>		Unidentified <input type="checkbox"/>
Gas <input type="checkbox"/>		Other (specify) <input type="checkbox"/>		Other (specify) <input type="checkbox"/>
Diesel <input type="checkbox"/>		<input type="text"/>		<input type="text"/>
Lumps <input type="checkbox"/>		<input type="text"/>		<input type="text"/>
Unidentified <input type="checkbox"/>		<input type="text"/>		<input type="text"/>
Other (specify) <input type="checkbox"/>		<input type="text"/>		<input type="text"/>
<input type="text"/>				

(select appropriate option or add details)

14. Clean - up

Was a clean-up operation undertaken? Yes

No

(select appropriate option)

15. Legal proceedings

None initiated

Proceedings initiated but no further details known

Prosecution brought by: *(insert organisation below)*

Verdict: guilty

admonished

not guilty

Amount of fine: £

(select appropriate option or add value)

16. Additional information on incident

Please add any further relevant details describing the incident including causes, damage or detrimental effects and any rehabilitation measures undertaken. *(please insert details below)*

17. Report completed by: *(insert details)*

Name:

Address:

Position:

Telephone:

E-mail:

Date: