

ACOPS

ADVISORY COMMITTEE ON PROTECTION OF THE SEA

**ANNUAL SURVEY OF REPORTED DISCHARGES
ATTRIBUTED TO VESSELS AND OFFSHORE OIL & GAS
INSTALLATIONS OPERATING IN THE UNITED KINGDOM
POLLUTION CONTROL ZONE
2005**

Dr Trevor Dixon

A survey conducted on behalf of the Maritime and Coastguard Agency

London, March 2006

CONTENTS

| | Page Number |
|---|--------------------|
| Summary | 1 |
| SECTION 1 Introduction and survey design. | 3 |
| SECTION 2 Descriptive statistics and trend assessments. | 5 |
| SECTION 3 Summary of larger discharges (2 tonnes or more). | 21 |
| SECTION 4 Enumeration area summary reports: | 26 |
| 1 North-east England. | 27 |
| 2 Eastern England. | 27 |
| 3 Essex & Kent. | 28 |
| 4 Southern England. | 28 |
| 5 South-west England. | 30 |
| 6 Bristol Channel & South Wales. | 31 |
| 7 Irish Sea. | 32 |
| 8 Western Scotland. | 32 |
| 9 Orkney & Shetland Islands. | 33 |
| 10 Eastern Scotland. | 34 |
| 11 UKCS (Oil & gas installations and vessels). | 36 |
| SECTION 5 Quality assurance plan and acknowledgements. | 39 |
| APPENDIX 1 Summary of reported incidents. | |
| APPENDIX 2 Survey questionnaire and accompanying guidelines. | |
| APPENDIX 3 The Offshore Petroleum Activities (Oil Pollution Prevention and Control) Regulations 2005 (OPPC Regulations). | |

**Advisory Committee on Protection of the Sea,
11 Dartmouth Street,
London SW1H 9BN**

March 2006

LIST OF FIGURES

- FIGURE 1** Annual totals for reported discharges attributed to vessels and offshore oil & gas installations 2000-2005.
- FIGURE 2** Boundaries of UK Pollution Control Zone and individual enumeration areas.
- FIGURE 3** Locations of reported oil discharges attributed to vessels.

LIST OF TABLES

- TABLE 1** Total incidents reported by category of pollution and enumeration area for 2004 and 2005.
- TABLE 2** Total incidents reported and distribution by marine environmental zone and enumeration area.
- TABLE 3** Amount and extent of reported pollution by enumeration area.
- TABLE 4** Identification of a source of pollution and reported type by enumeration area.
- TABLE 5** Reported source of pollution by enumeration area.
- TABLE 6** Details of prosecutions brought by the competent authorities in the United Kingdom during 2005.
- TABLE 7** Total number of incident reports received from each reporting organisation.

SUMMARY

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 annual survey results complement historical data and records and enable MCA's Counter Pollution and Response (CPR) 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 1,777 completed questionnaires and supporting information, 548 separate discharges from vessels and offshore oil and gas installations were identified in the survey area during 2005. The reported discharges comprised 80.5% mineral oils, 18.4% chemicals (including oil-based mud and related products) and 1.1% other substances (including vegetable and animal oils).

The methods employed to calculate discharge statistics from offshore oil & gas installations were changed during 2005 as a consequence of new Regulations coming into affect: The Offshore Petroleum Activities (Oil Pollution Prevention and Control Regulations) 2005 (OPPC Regulations). As a result of these changes approximately 100 permitted produced water discharges were not included in the annual statistics and further details are provided in **Section 4.11** and **Appendix 3**.

The authorities were also notified of 101 discharges of chemicals and other substances from offshore installations including a biocide, calcium bromide, glycol solutions, methanol, oil-based mud, oxygen scavenger, pig wax, scale dissolver, silicone, sodium bromide and sodium hypochlorite.

Crude oils accounted for 28% of all identified types of mineral oil discharges. Bunker, diesel, fuel and gas oils were spilt in varying quantities from vessels or offshore oil and gas installations on 160 occasions in all survey enumeration areas.

Approximately 79% of all reported discharges were in the open sea, 19% in ports and harbours and 2% in other marine environmental zones. Only 3 beach pollution incidents attributed to vessels were reported during 2005. For the fifth successive year another reduction was evident in the total number of reported vessel-sourced discharges, which numbered 165 during 2005.

Respondents submitted details of 102 incidents involving discharges of polluting substances from vessels operating in ports and harbours and clean-up operations were completed on most occasions. The Port of London Authority and Environment Agency submitted details of the largest port spill, 10 tonnes of gas oil, after a refuelling pontoon sank in the River Thames at Bermondsey taking 2 light tugs with it on 4 October.

Estimated volumes of discharges were recorded in 493 incident reports. The modal class for oil discharges was again less than 455 litres but larger spill volumes of between 1 and 180 tonnes were recorded in 6 of the 11 survey enumeration areas. The largest oil spill, 180 tonnes of diesel, occurred after the Emergency Towing Vessel Mtug *Anglian Sovereign* (2,263 gt, built 2003) ran aground on the Island of Oxa in Shetland on 3 September.

The largest chemical spill was an accrued total of 66 tonnes of hydraulic oil (HW 540) discharged to sea over a period of four months from the *Captain Installation*. This was caused by a leak in the sub-sea template hydraulic control system.

At least 21 discharges were attributed to vessel casualties including 14 fishing vessels, 3 pleasurecraft, 2 tugs and 2 other types of vessels. The vessel-casualty spills occurred in all enumeration areas with the exception of north-east England and eastern England and the total estimated quantity of oil spilt amounted to approximately 430 tonnes. Vessel casualties accounted for 31% of all confirmed discharges attributed to fishing vessels and likewise 19% of all confirmed discharges attributed to pleasurecraft.

Thirteen successful prosecutions for pollution offences were concluded during 2005 compared with 10 during the previous year. Total fines imposed by the competent authorities amounted to £182,250 with an average value of £14,096. Another 7 cases were under consideration or had not been called at the time of reporting.

The largest fine of £80,000, reduced to £52,000 on appeal, was imposed by Ipswich Magistrates' Court on the owners and master of the Mv *Haci Emine Ana* following a 4-tonne heavy fuel oil spill on 24 September 2004. The DTI's Offshore Environment & Decommissioning Unit submitted details of 4 successful prosecutions brought by the Procurator Fiscal at Aberdeen Sheriff Court during 2005 following oil and chemical spills from offshore oil installations between 2002 and 2004. The volumes of spills ranged from 7 to 31 tonnes and the total fines imposed amounted to £60,000.

Three cases were brought by the MCA in accordance with its "zero tolerance for marine pollution" policy following offences in the Firth of Forth, Tyne Estuary and North Sea. The latter case followed a mixed garbage discharge from the Mfv *Lynden II* and resulted in a fine of £2,000.

Response rates to the questionnaire survey were again very high and responses were received from all port and harbour authorities. Observations from air surveillance patrols and a satellite surveillance programme were again employed by the MCA and DTI 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 programmes and related initiatives, assessments of regulatory compliance levels, development of risk assessment models and to support educational campaigns. Examples of organizations that have consulted the survey data include the Department for Transport, European Commission, International Maritime Organization, Local Authority Associations, Scottish Executive and the Welsh Assembly.
- 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) 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.

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, tidal stretches of rivers and estuaries. 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 PON1 reports provided by the Department of Trade and Industry's (DTI) Offshore Environment & Decommissioning Unit and POLREPS provided by the MCA. The resulting information was entered into a database identifying separate pollution incidents by date, location and other survey parameters.
- 1.2.3** Following analysis of data the results were presented using each of the main survey parameters. In **Section 2** descriptive statistics are provided for: reported discharges including overall numerical trends with 2000 as the base year; categories and types of polluting substances; geographical locations and

distributions of incidents; amount and extent of reported pollution; 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 incidents reported in each of 11 geographical enumeration areas around the United Kingdom including causes of spills and any counter-pollution responses required.
 - 1.2.5** Elements of the survey quality assurance plan are outlined in **Section 5** including the number of incident reports compiled from information submitted by two or more reporting organizations. 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.mcga.gov.uk.
-

SECTION 2: DESCRIPTIVE STATISTICS AND TREND ASSESSMENTS

2.1 NUMERICAL TRENDS IN REPORTED DISCHARGES

- 2.1.1** Following analysis of 1,777 incident reports and supporting information 548 separate discharges from vessels and offshore oil and gas installations were identified within the survey area during 2005. An apparent reduction of 17.5% was evident in the total number of incidents reported over the previous year's total which was attributed primarily to different reporting requirements for discharges from oil & gas installations.
- 2.1.2** Trends in annual totals for reported discharges between 2000 and 2005 are displayed in **Figure 1**, including separate line graphs for vessels and offshore oil and gas installations. For the fifth successive year a reduction was evident in the total number of reported vessel-sourced discharges, which numbered 165 during 2005.
- 2.1.3** The methods employed to calculate discharge statistics from offshore oil & gas installations were changed during 2005 as a consequence of new Regulations coming into affect: The Offshore Petroleum Activities (Oil Pollution Prevention and Control Regulations) 2005 (OPPC Regulations). The new regulations require different reporting requirements and further details are provided in **Section 4.11** and **Appendix 3**. As a result of these changes permitted produced water discharges will no longer be included in the annual report but will continue to be reported to the Oslo-Paris Commission (OSPAR) and published in the Annual Report on Discharges, Waste Handling and Air Emissions from Offshore Installations. Additional details will be provided in future annual reports.
- 2.1.4** For the purpose of trend assessments, therefore, the current statistics for discharges from offshore oil & gas installations are not directly comparable with those from previous years because approximately 100 permitted produced water discharges were not included in the 2005 statistics. Moreover, the total number of non-mineral oil spills reported has more than doubled since 2003 following a change in the reporting requirements for spills of this nature.

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 2004 and 2005 for each of 11 enumeration areas. Geographical boundaries to 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. This amendment to the presentation of data was requested by the DTI Offshore Environment & Decommissioning Unit.

Figure 1: Annual totals for reported discharges attributed to vessels and offshore oil and gas installations 2000-2005.

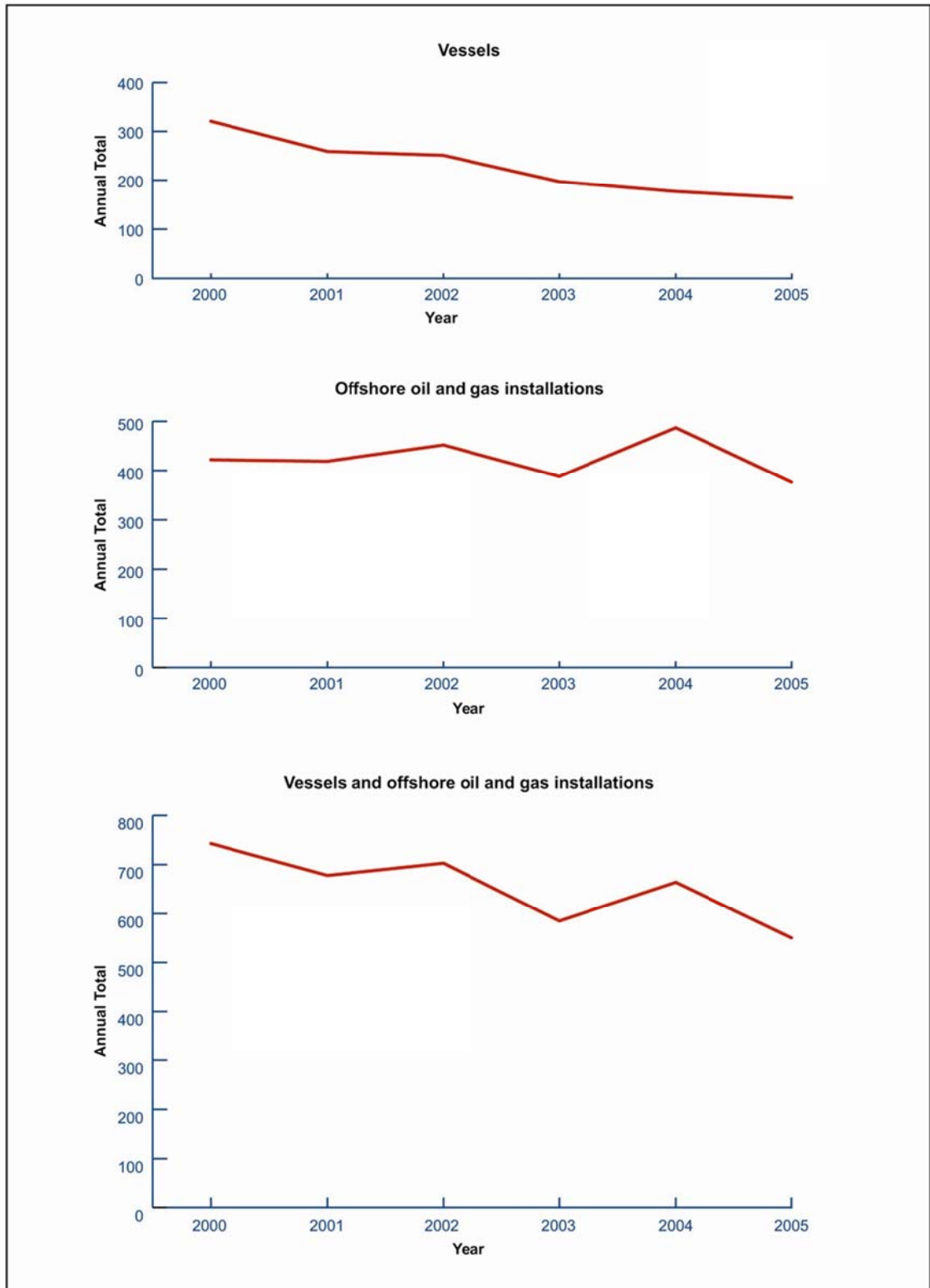
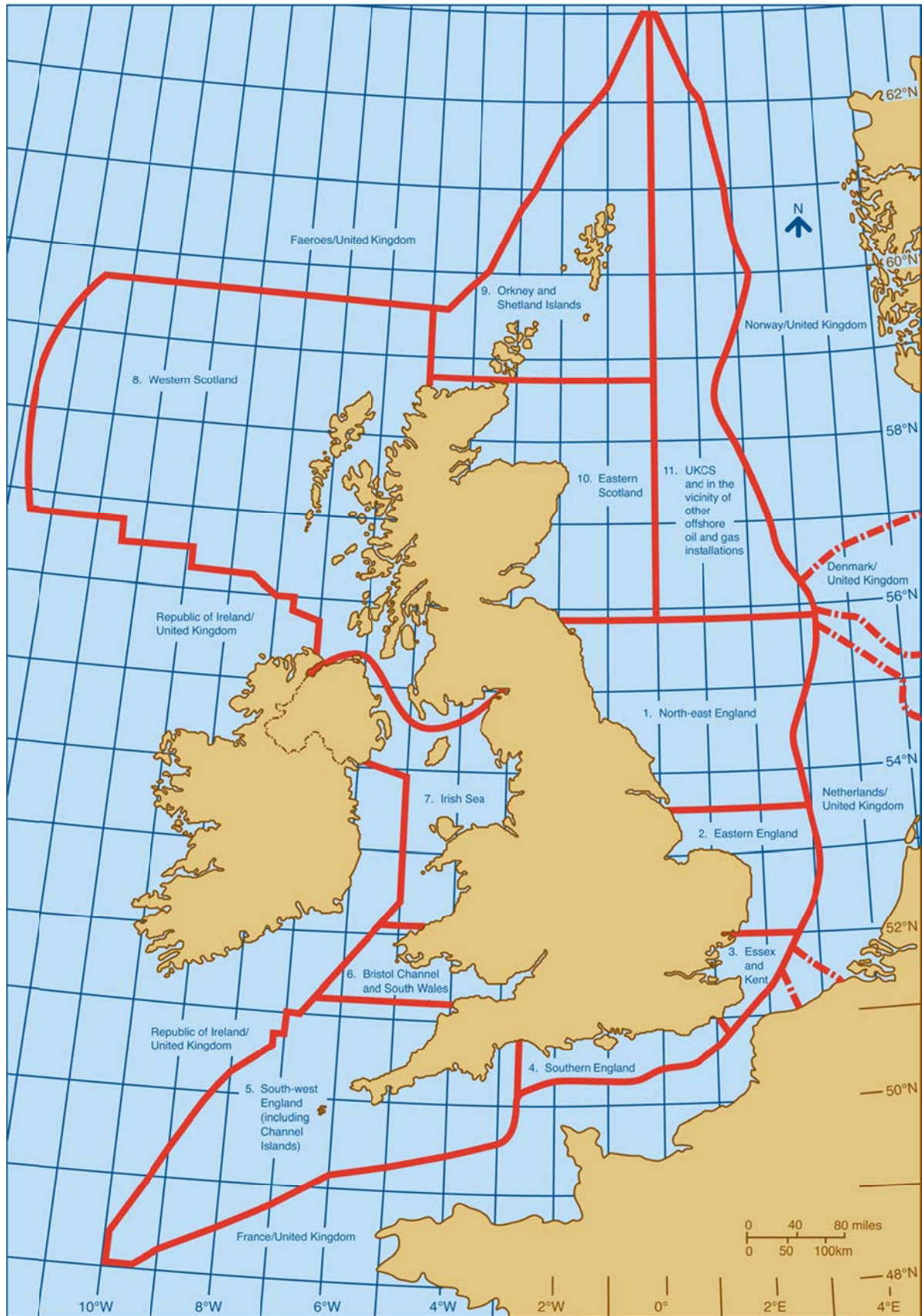


TABLE 1: TOTAL INCIDENTS REPORTED BY CATEGORY OF POLLUTION AND ENUMERATION AREA FOR 2004 AND 2005 ^(a).

| Enumeration Area | Mineral oils | Garbage | Vegetable & animal oils | Chemicals | Other substances | Totals |
|----------------------------------|---------------------|----------------|------------------------------------|------------------|-------------------------|------------------|
| 1. North-east England | 4 (6) | - (-) | - (-) | 1 (-) | - (-) | 5 (6) |
| 2. Eastern England | 2 (13) | - (-) | - (2) | - (-) | - (-) | 2 (15) |
| 3. Essex & Kent | 12 (15) | - (-) | - (-) | - (-) | - (1) | 12 (16) |
| 4. Southern England | 17 (16) | - (-) | - (-) | - (-) | - (-) | 17 (16) |
| 5. South-west England | 20 (15) | - (-) | - (-) | - (-) | - (-) | 20 (15) |
| 6. Bristol Channel & South Wales | 18 (19) | - (-) | - (-) | 1 (-) | - (-) | 19 (19) |
| 7. Irish Sea | 14 (17) | - (-) | 1 (-) | - (-) | - (-) | 15 (17) |
| 8. Western Scotland | 12 (12) | - (-) | - (-) | - (-) | - (-) | 12 (12) |
| 9. Orkney & Shetland Islands | 10 (7) | - (-) | - (-) | - (-) | - (-) | 10 (7) |
| 10. Eastern Scotland | 26 (35) | - (-) | 1 (-) | - (-) | - (2) | 27 (37) |
| 11. UKCS oil & gas installations | 282 (421) | - (-) | - (-) | 97 (34) | 4 (32) | 383 (487) |
| 11. UKCS vessels | 24 (16) | - (1) | - (-) | 2 (-) | - (-) | 26 (17) |
| Totals | 441 (592) | - (1) | 2 (2) | 101 (34) | 4 (35) | 548 (664) |

^(a) The figures in parenthesis are the corresponding values from the 2004 survey.

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



- 2.2.2** The discharges reported during 2005 comprised 80.5% mineral oils, 18.4% chemicals (including oil-based mud and related products) and 1.1% other substances (including vegetable and animal oils). Overall, 151 fewer oil discharges were reported during 2005 compared with 2004 primarily as a result of the different reporting requirements for offshore oil & gas installations. The number of non-mineral oil spills reported by offshore operators increased by 35 to 101 during 2005.
- 2.2.3** Under the provisions of the Offshore Petroleum Activities (Oil Pollution Prevention and Control) Regulations 2005 (OPPC) permits are issued controlling and regulating the discharge of oil from various planned operational activities and/or processes on offshore installations. These planned discharges include, but are not limited to, oil in produced water, oil in drainage water and oil on sand/scale. Each permit issued sets out various conditions associated with the planned discharge of oil that must be adhered to by the operator of the installation.
- 2.2.4** All accidental/unplanned discharges or spills of oil or chemicals, regardless of volume must be notified to the relevant authorities. Accidental discharges 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 equipment to carry out the work. Environmental risk assessments have shown that these events, which are normally of relative small volume, cause negligible impact to the environment.
- 2.2.5** Further analysis of the different categories of pollution reported in each enumeration area, with the exception of the UKCS, showed no consistent differences between the 2004 and 2005 statistics.

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 details of 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 2005 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 2005 appeared to differ significantly from those plotted in recent years. During 2005 there was no evidence of the minor clusters of reports identified previously in the southern North Sea off Norfolk, Strait of Dover, western English Channel and The Minches.
- 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** and show that 79% of all discharges were reported in the open sea, 19% in ports or harbours and 2% across the remaining zones.

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

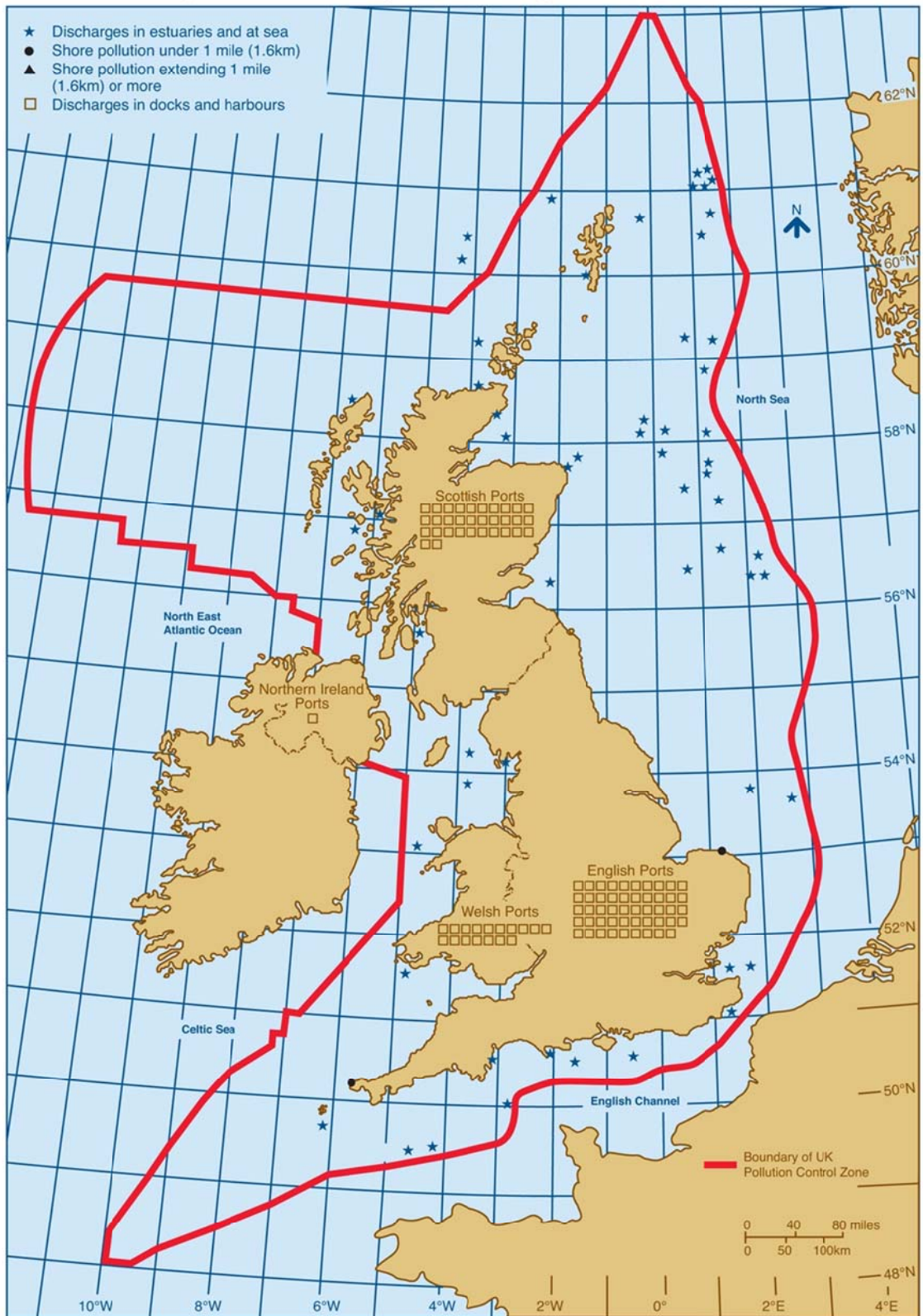


TABLE 2: TOTAL INCIDENTS REPORTED AND DISTRIBUTION BY MARINE ENVIRONMENTAL ZONE AND ENUMERATION AREA ^(a).

| Enumeration area | Open sea | Tidal river/ estuary | Bay/nearshore waters | Beach/shore | Port/harbour | Totals |
|----------------------------------|------------------|-------------------------|-------------------------|-------------|----------------|------------------|
| 1. North-east England | 1 (1) | - | - | - | 4 | 5 (1) |
| 2. Eastern England | 1 | - | - | 1 | - | 2 |
| 3. Essex & Kent | 3 | - | - | - | 9 | 12 |
| 4. Southern England | 3 | - | 1 | - | 13 | 17 |
| 5. South-west England | 3 | - | 1 | 1 | 15 | 20 |
| 6. Bristol Channel & South Wales | 1 | - | - | - | 18 (1) | 19 (1) |
| 7. Irish Sea | 3 | - | 2 | - | 10 (1) | 15 (1) |
| 8. Western Scotland | - | - | 4 | - | 8 | 12 |
| 9. Orkney & Shetland Islands | 3 | - | 1 | - | 6 | 10 |
| 10. Eastern Scotland | 5 | - | 2 | 1 | 19 (1) | 27 (1) |
| 11. UKCS oil & gas installations | 383 (101) | - | - | - | - | 383 (101) |
| 11. UKCS vessels | 26 (2) | - | - | - | - | 26 (2) |
| Totals | 432 (104) | - | 11 | 3 | 102 (3) | 548 (107) |

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

- 2.3.4** Reporting organisations submitted details of 102 incidents involving discharges of polluting substances from vessels operating in ports or harbours; clean-up operations were completed on most occasions. The Port of London Authority (PLA) and Environment Agency (EA) submitted details of the largest port spill, 10 tonnes of gas oil, after a refuelling pontoon sank in the River Thames at Bermondsey taking 2 light tugs with it on 4 October. Almost half of all the pollution incidents attributed to vessels operating in ports were recorded between them at Aberdeen, Dover, Fowey, Lochinver, Milford Haven (including Milford Dock) and Southampton. Details of subsequent prosecutions brought by the authorities are provided in **Section 2.7**.
- 2.3.5** Only 3 beach pollution incidents attributed to vessels were reported during 2005. All were judged to be minor because of the types or extent of pollution. For example, oil residues in the form of pellets were removed from a small stretch of shoreline at Sheringham during the second week of August. Similarly, crude oil residues in the form of small lumps were washed ashore at Portheras Cove on the north coast of Cornwall during January. The National Trust advised that the oil should be left to disperse naturally due to the sensitivity of the area. An overall reduction in beach pollution incidents attributed to vessels since 2000 is evident from the survey statistics.

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, however, that details of the extent of pollution were not available for 70% of the total number of incidents reported. Likewise, estimates for volumes of discharges were not confirmed in written reports for 55 incidents or 10% of the total reported.
- 2.4.2** Excluding discharges from offshore oil and gas installations approximately 7% of oil slicks were greater than 1.6 km in length when this information was reported. Broadly comparable statistics from the 1985, 1995 and 2004 surveys were 15%, 15% and 10% respectively.
- 2.4.3** The modal class for oil discharges was again less than 455 litres but larger volumes of between 1 and 180 tonnes were recorded in 6 of the 11 survey enumeration areas. In total 11% of oil discharges were greater than 455 litres, 1% less than the previous year. The corresponding value for discharges of other substances, including chemicals, was 39%.
- 2.4.4** The largest oil spill, 180 tonnes of diesel, occurred after the Emergency Towing Vessel Mtug *Anglian Sovereign* (2,263 gt, built 2003) ran aground on the Island of Oxna on 3 September. The largest chemical spill was an accrued total of 66 tonnes of hydraulic oil (HW540) discharged to sea over a period of four months from the *Captain Installation*. This was caused by a leak in the sub-sea template hydraulic control system. In **Section 3** further details are provided for 37 discharges of 2 tonnes or more attributed to vessels and offshore oil and gas installations.

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 | 5 (1) | - | - | - | 3 | 1 (1) | - | - | 1 |
| 2. Eastern England | 1 | - | 1 | - | - | - | - | - | 2 |
| 3. Essex & Kent | 11 | 1 | - | - | 3 | - | 2 | - | 7 |
| 4. Southern England | 17 | - | - | - | 10 | - | - | - | 7 |
| 5. South-west England | 18 | 1 | 1 | - | 12 | 3 | - | - | 5 |
| 6. Bristol Channel & South Wales | 19 (1) | - | - | - | 17 | - | - | - | 2 (1) |
| 7. Irish Sea | 15 (1) | - | - | - | 15 (1) | - | - | - | - |
| 8. Western Scotland | 11 | 1 | - | - | 10 | 1 | 1 | - | - |
| 9. Orkney & Shetland Islands | 9 | 1 | - | - | 7 | - | 1 | 1 | 1 |
| 10. Eastern Scotland | 25 (1) | 1 | 1 | - | 21 (1) | - | 6 | - | - |
| 11. UKCS oil & gas installations | (c) | (c) | (d) | (d) | 301 (58) | 23 (9) | 37 (29) | - | 22 (5) |
| 11. UKCS vessels | 20 (2) | 5 | (d) | (d) | 11 (2) | 2 | 5 | - | 8 |
| Totals | 151 (6) | 10 | 3 | - | 410 (62) | 30 (10) | 52 (29) | 1 | 55 (6) |

- (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. The data were derived from 164 incident reports in which this information was recorded.
- (c) Information not reported.
- (d) Not applicable.

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 80% of incident reports. Crude oils accounted for 28% of the identified types of mineral oil discharges. Reporting organisations again identified four incidents involving crude oil pollution outside the UKCS enumeration area. Three discharges were attributed to unidentified vessels operating in the open sea and another to a minor spillage from a tanker at the Tetney Monobuoy in the Humber Estuary.
- 2.5.2** Bunker, diesel, fuel and gas oils were again spilt in varying quantities from vessels or oil and gas installations on 160 occasions in all enumeration areas. The spills occurred most frequently during bunkering operations in the UKCS, eastern Scotland, south-west England, Irish Sea and Bristol Channel & South Wales enumeration areas. Lubrication and hydraulic oil spills were again recorded in all enumeration areas with the exception of eastern England and south-west England. Respondents identified the remaining types of mineral oil discharges as base oils, oily bilge water, sludge, tarry lumps and waste oils.
- 2.5.3** Respondents identified 107 discharges of substances other than mineral oils during 2005 compared with 71 discharges during 2004. Two reports referred to animal and vegetable oil discharges and these were attributed to tankers operating in Liverpool Docks and the Firth of Forth off Grangemouth. There were no references to any garbage discharges during 2005.
- 2.5.4** In accordance with the Offshore Chemicals Regulations 2002, oil-based mud was reclassified as a chemical substance. Offshore operators identified 101 accidental spills of chemicals and other non-mineral oil substances during 2005 compared with 66 during the previous year. The most frequently identified substances included brine silicate, calcium bromide, fluorescein dye, glycol solutions, methanol, oil-based mud, oxygen scavenger, scale dissolver, silicone, sodium bromide and sodium hypochlorite. The estimated volumes of spills ranged from 0.0009 litres to 66 tonnes and further details of each incident are provided in **Appendix 1**.

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 respondents 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 accounted for 77% of all identified sources of pollution. Corresponding statistics for fishing vessels, general cargo vessels, pleasurecraft and remaining types of vessels were 9%, 4%, 3% and 7% respectively. Respondents identified oil and chemical tankers as sources of pollution on only 8 occasions during 2005.

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 | 5 (1) | - | 1 | 2 | 1 | - | - | - | - | - | - | - | - | 1 | - | - |
| 2. Eastern England | 1 | 1 | - | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - |
| 3. Essex & Kent | 9 | 3 | - | 7 | 1 | 1 | 3 | - | - | - | - | - | - | - | - | - |
| 4. Southern England | 13 | 4 | - | 11 | 3 | - | 3 | - | - | - | - | - | - | - | - | - |
| 5. South-west England | 9 | 11 | 1 | 18 | - | 1 | - | - | - | - | - | - | - | - | - | - |
| 6. Bristol Channel & South Wales | 17 (1) | 2 | - | 14 | 1 | 3 | - | - | - | - | - | - | 1 | - | - | - |
| 7. Irish Sea | 14 (1) | 1 | - | 11 | 3 | - | - | - | - | - | 1 | - | - | - | - | - |
| 8. Western Scotland | 12 | - | - | 10 | 2 | - | - | - | - | - | - | - | - | - | - | - |
| 9. Orkney & Shetland Islands | 10 | - | - | 7 | 2 | - | 1 | - | - | - | - | - | - | - | - | - |
| 10. Eastern Scotland | 21 (1) | 6 | 2 | 18 | 5 | - | 1 | - | - | - | 1 | - | - | - | - | - |
| 11. UKCS oil & gas installations | 383 (101) | - | 107 | 58 | 72 | 37 | 8 | - | - | - | - | 18 | 79 | 4 | - | - |
| 11. UKCS vessels | 4 (1) | 22 (1) | 12 | 3 | 1 | 1 | 7 | - | - | - | - | 1 | 1 | - | - | - |
| Totals | 498 (106) | 50 (1) | 123 | 160 | 91 | 43 | 24 | - | - | - | 2 | 19 | 82 | 4 | - | - |
| Percentage of total reports | 91 | 9 | 22 | 29 | 17 | 8 | 4 | - | - | - | 0.4 | 3.5 | 15 | 0.7 | - | - |

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 and related chemical 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 oil.

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 | - | - | - | 1 | 1 | - | 1 | - | 2 (1) |
| 2. Eastern England | - | 1 | - | - | - | - | - | - | - |
| 3. Essex & Kent | - | 1 | - | 1 | 4 | - | 2 | - | 1 |
| 4. Southern England | - | 2 | - | 1 | 2 | - | 5 | - | 3 |
| 5. South-west England | - | 4 | 1 | - | 1 | - | 2 | - | 1 |
| 6. Bristol Channel & South Wales | - | 9 | 1 (1) | 1 | 1 | - | 3 | - | 2 |
| 7. Irish Sea | - | 5 | 1 | 1 (1) | 5 | - | 1 | - | 1 |
| 8. Western Scotland | - | 9 | - | - | 1 | - | 1 | - | 1 |
| 9. Orkney & Shetland Islands | - | 2 | 2 | 2 | 1 | - | - | - | 3 |
| 10. Eastern Scotland | - | 10 | 6 | 1 (1) | 2 | 1 | 1 | - | - |
| 11. UKCS oil & gas installations | - | - | - | - | - | 383 (101) | - | - | - |
| 11. UKCS vessels | - | 2 | 1 (1) | - | 1 | - | - | - | - |
| Totals | - | 45 | 12 (2) | 8 (2) | 19 | 384 (101) | 16 | - | 14 (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:** Pleasurecraft. **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 At least 21 confirmed discharges were attributed to vessel casualties including 14 fishing vessels, 3 pleasurecraft, 2 tugs and 2 other types of vessels. The vessel casualty spills occurred in all enumeration areas with the exception of north-east England and eastern England and the total estimated quantity of oil spilt amounted to approximately 430 tonnes. Vessel casualties accounted for 31% of all confirmed discharges attributed to fishing vessels and likewise 19% of all discharges attributed to pleasurecraft. Further details identifying the causes of vessel casualties, where known, are provided in **Section 4** and **Appendix 1**.

2.7 PROSECUTIONS

2.7.1 Details of 13 successful prosecutions brought by the competent authorities during 2005 are summarised in **Table 6**. Another 7 cases were under consideration or had not been called at the time of reporting and details will be provided in the next annual survey report. The largest fine of £80,000, reduced to £52,000 on appeal, was imposed by Ipswich Magistrates' Court on the owners and master of the Mv *Haci Emine Ana* following a 4-tonne heavy fuel oil spill on 24 September 2004 (*Lloyd's List*, 10 March 2006).

2.7.2 The DTI Offshore Environment & Decommissioning Unit submitted details of 4 successful prosecutions brought by the Procurator Fiscal at Aberdeen Sheriff Court during 2005 following oil and chemical spills in contravention of the respective legislation, from offshore oil installations between 2002 and 2004. The volumes of spills ranged from 7 to 31 tonnes and the total fines imposed amounted to £60,000.

2.7.3 Three cases were brought by the MCA in accordance with its "zero tolerance for marine pollution" policy following offences in the Firth of Forth, Tyne Estuary and North Sea. Brostrom Tankers was fined £20,000 with £11,344 costs by Kingston upon Hull Magistrates' Court following an incident involving its chemical tanker *Bro Traveller* in the Firth of Forth. The incident was caused by error and negligence which caused a spillage of fuel oil to take place (*Lloyd's List*, 12 & 13 September).

2.7.4 The MCA also prosecuted Rederi AB Engship, owners of the Finish registered Ro-Ro vessel *Borden*, in South Tyneside Magistrates' Court following a fuel oil spill in the River Tyne on the night of 14/15 September 2004. The owners pleaded guilty and were fined £5,000 and ordered to pay costs of £4,379. The owners of the Mfv *Lynden II* were fined £2,000 for contravening the Merchant Shipping (Prevention of Pollution by Garbage) Regulations 1998 after a crew member from the fishing vessel was observed dumping garbage including sleeping bags, polystyrene and plastic bags into the sea off the oil production platform Ocean Princess on 7 September 2004.

2.7.5 Aberdeen Harbour Board submitted details of another 2 successful prosecutions following bunkering spills during 2005. On June 18 the Mv

TABLE 6: DETAILS OF PROSECUTIONS BROUGHT BY THE COMPETENT AUTHORITIES IN THE UNITED KINGDOM DURING 2005 ^(a).

| Date and location of incident | Name of vessel or offshore installation and type of pollution | Prosecution brought by | Fine |
|--------------------------------------|--|--------------------------------|-------------|
| 3 December 2002 North Sea | Forties Alpha platform 28 tonnes diesel oil | Procurator Fiscal | £20,000 |
| 25 July 2003 North Sea | North Everest platform 31 tonnes diesel | Procurator Fiscal | £12,000 |
| 17 March 2004 Firth of Forth | Mctanker Bro Traveller heavy fuel oil | Maritime and Coastguard Agency | £20,000 |
| May 2004 Lerwick Harbour | Mfv Joseph Roty II 1.7 tonnes gas oil | Procurator Fiscal | £750 |
| 1 July 2004 North Sea | Lomond platform 7 tonnes diesel oil | Procurator Fiscal | £25,000 |
| 7 September 2004 North Sea | Mfv Lynden II mixed garbage | Maritime and Coastguard Agency | £2,000 |
| 15 September 2004 Tyne Estuary | Mv Borden 65 litres fuel oil | Maritime and Coastguard Agency | £5,000 |
| 24 September 2004 Port of Ipswich | Mv Haci Emine Ana 4 tonnes heavy fuel oil | ABP Ipswich | £52,000 |
| 10 November 2004 North Sea | North Cormorant platform 7.3 tonnes oil-based mud | Procurator Fiscal | £3,000 |
| 1 April 2005 Aberdeen Harbour | Msv Far Superior 15 litres diesel oil | Procurator Fiscal | £10,000 |
| 13 May 2005 Aberdeen Harbour | Msv Far Server 2 tonnes diesel oil | Procurator Fiscal | £6,500 |
| 18 June 2005 Southampton Water | Mv Autofreighter 100 litres fuel oil | ABP Southampton | £22,000 |
| 25 August 2005 Milford Dock | Mfv Mooie Maid 200 litres diesel oil | Milford Haven Port Authority | £5,000 |

^(a) A further 7 cases were under consideration or had not been called at the time of reporting.

Prosecutions brought under Prevention of Oil Pollution Act 1971, 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, Offshore Chemicals Regulations 2002, Merchant Shipping (Prevention of Pollution by Garbage) Regulations 1998.

Autofreighter spilled 100 litres of fuel oil into Southampton Water during an internal transfer operation. At a hearing at Southampton Magistrates' Court the owners of the vessel pleaded guilty to breaching section 131 of the Merchant Shipping Act 1995 and failure to report the spill contrary to section 136 of the same legislation. UECC was fined £22,000 for the 2 offences and ordered to pay Associated British Port's costs of £1,912. The company also paid clean-up and investigation expenses (*Lloyd's List*, 30 September).

2.8 REPORTING EFFORT

2.8.1 The number of incident reports received from each of 10 reporting organisations is shown in **Table 7**. The total number of reports received and processed was 1,777 from which 548 separate incidents were subsequently identified and entered into the 2005 database. The number of reports received was higher than the previous year due to new Regulations that came into force during 2005, which changed the reporting procedures and discharge allowances for the offshore oil and gas industry. Further details of these new Regulations and the changes in procedures can be found in **Appendix 3**.

2.8.2 Observations from air surveillance patrols and a satellite surveillance programme were again employed by the DTI and MCA to help identify discharges from vessels and offshore oil and gas installations operating in the UKPCZ. All port and harbour authorities responded to the survey questionnaire and in many instances provided additional supporting information. For example, Dover Harbour Board's Environmental Officer provided detailed Environmental Occurrences Reports for each incident. Postal or e-mail reminders were again employed to achieve the required response rates.

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

| Reporting organisations | Total number of reports received |
|---|---|
| Sea Fisheries Committees in England & Wales | 16 |
| United Kingdom Ports | 172 |
| Scottish Local Authorities | 42 |
| Department of Trade & Industry | 623 |
| Environment Agency | 18 |
| English and Welsh Local Authorities | 165 |
| Maritime and Coastguard Agency | 718 |
| Northern Ireland Environment & Heritage Service | 1 |
| Scottish Environment Protection Agency | 14 |
| Scottish Society for the Prevention of Cruelty to Animals | 8 |
| Grand Total | 1,777 |

SECTION 3: SUMMARY OF LARGER DISCHARGES (TWO TONNES OR MORE) DURING 2005

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

The figures given below are indicative of the volumes of pollution confirmed in written reports. However, incidents in which significant amounts of beach material were mixed with pollutants, or where the volumes of pollution were not indicated or measured, are not included. The incidents are ordered according to spill size.

It should be noted that, in some cases, hydraulic leaks tend to take place over a longer period of time, such as a number of months. Environmental risk assessments have shown that these events, which are normally of relative small volume, cause negligible impact to the environment. For more details refer to Paragraph 2.2.2.

3.1 Orkney and Shetland Islands 3 September (09-OS/371)

The hull of the Mtug *Anglian Sovereign* (2,263 gt, built 2003) was extensively damaged after the Emergency Towing Vessel ran aground on the Island of Oxna. Approximately **180 tonnes** of diesel escaped to sea from her ruptured fuel tanks and 96 tonnes were subsequently recovered during a counter pollution operation in which booms and mechanical recovery equipment were deployed.

3.2 UKCS 3 September (11-UKCS/1222)

The *Captain* installation reported a leakage of **66 tonnes** of a chemical hydraulic fluid (HW 540) from a sub-sea template hydraulic control system, which was discharged over a period of four months. Investigations into the cause of the incident were ongoing at the time of reporting.

3.3 UKCS 7 August (11-UKCS/1213)

A hose failure was identified as the cause of a **42.5-tonne** spillage of calcium bromide at the *Dunbar* installation.

3.4 UKCS 2 January (11-UKCS/1157)

The *Captain WPPA* installation reported a chemical pollution incident following a **29.8-tonne** leakage of Oceanic HW 540 from a sub-sea template. The volume was discharged over a period of time. An investigation into the cause of the incident was underway at the time of reporting.

3.5 UKCS 29 August (11-UKCS/544)

The *Ocean Guardian* installation reported a **25.7-tonne** spillage of oil-based mud (78% oil) following an emergency disconnection operation. Systems were later sealed to prevent any further pollution.

3.6 UKCS 18 May (11-UKCS/1183)

A sub-sea leakage of approximately **21.6 tonnes** of a chemical hydraulic fluid (Oceanic HW 540) was reported by the *Gryphon* installation. The volume discharged over a period of time. An investigation was underway at the time of reporting to locate the source of the leak.

- 3.7 Orkney and Shetland Islands 11 May (09-OS/169)**
The Mfv *Maranatha* carrying **20 tonnes** of diesel oil sank off the Shetland Islands and a light oil slick was later observed extending downwind from the wreck position.
- 3.8 UKCS 23 February (11-UKCS/087)**
Approximately **19 tonnes** of drilling fluid (EDC-99-DW) escaped from a diverter line below the rig floor on the *Elgin WHP* installation. Valves were mechanically locked and mudvacs were employed to recover as much of the spill as possible from the deck of the wellhead platform.
- 3.9 UKCS 4 October (11-UKCS/616)**
An Oily Water Caisson malfunction was identified as the cause of a **17.4-tonne** crude oil discharge from the *Ninian Northern* installation. A standby vessel dispersed the pollution by propeller action.
- 3.10 UKCS 4 November (12-UKCS/648)**
Approximately **15.9 tonnes** of diesel oil escaped to sea after the Mfv *Harvester* (154 gt, built 1973) sank 117 km south east of Sumburgh following a collision in heavy fog with the Norwegian supply vessel *Strilmoy*. The Mfv *Harvester* was pair-trawling with another fishing vessel when the collision occurred.
- 3.11 UKCS14 February (11-UKCS/1163)**
Two separate process upsets were identified as the causes of a **15-tonne** oil condensate discharge from the *49/23a platform* in the Indefatigable Field. The relevant control systems were later reviewed.
- 3.12 UKCS 26 September (11-UKCS/575)**
A fractured drain line was identified as the source of a **12-tonne** chemical (solvent RX-05BD) spillage from the *Gannet Alpha* installation. The area was cleaned up to prevent any further spillage to sea in line with MSDS/COSHH guidance and operations were suspended pending further investigation and inspection.
- 3.13 UKCS August (12-UKCS/369)**
The Mfv *Fertile II* (251 gt, built 2000) sank following an ingress of water 130 km north east of Lerwick with **10 tonnes** of diesel oil onboard. An oil sheen was later observed on the water surface and dispersed by wave action.
- 3.14 Essex and Kent 4 October (03-EK/757)**
Approximately **10 tonnes** of red gas oil escaped into the River Thames after a refuelling pontoon sank taking two light tugs with it at Cherry Garden Pier in Bermondsey. Booms and a barge which filters oil from water were deployed to combat the pollution.
- 3.15 UKCS 17 September (UKCS/360)**

The *Ensko 85* installation reported an **8.1-tonne** discharge of a chemical solution containing sodium bromide and sodium chloride. An investigation was completed and operating procedures were revised.

3.16 UKCS 13 October (11-UKCS/1230)

A defective sub-sea solenoid valve was identified as the likely cause of a **7.4-tonne** chemical (HW 540) spillage from the *Cleeton* installation. The volume was discharged over a period of time.

3.17 UKCS 1 January (11-UKCS/030)

The *Gryphon Alpha* installation reported a **7-tonne** leakage of hydraulic oil from a wellhead. An investigation into the cause of the incident was underway at the time of reporting. The volume was discharged over a period of time.

3.18 UKCS 18 December (11-UKCS/708)

A **7-tonne** chemical (Versaclean) spill at the *Ocean Nomad* installation was attributed to a hose failure during adverse weather.

3.19 UKCS 21 November (11-UKCS/669)

Producing wells were closed in and isolated following a **5.14-tonne** spillage of crude oil at the *Dunlin Alpha* installation.

3.20 UKCS 25 May (11-UKCS/1186)

Approximately **4.5 tonnes** of cooling medium (Corrtreat 753) were accidentally discharged to sea through an open drains system at the *Scott* installation. A faulty site glass was identified as the source of the spillage. The site glass was isolated to prevent any further leakage.

3.21 UKCS 2 February (11-UKCS/1161)

The *Captain* installation reported a chemical pollution incident after another leakage of **4.24 tonnes** of Oceanic HW 540 from a sub-sea template hydraulic control line. The volume was discharged over a period of time.

3.22 Eastern Scotland 22 September (10-ES/384)

The Mfv *Pisces* hit land and sank off Strathy Point carrying **4.2 tonnes** of marine diesel fuel and lubrication oil. An oily sheen was observed above the wreck site and was later dispersed by wave action.

3.23 UKCS 12 February (11-UKCS/075)

A leaking diverter seal on the drilling mud circulating system was identified as the cause of a **4-tonne** chemical (glycol/KCL/WBM solution) spillage from the *Ocean Nomad* installation.

3.24 Western Scotland 3 April (08-WS/164)

The Mfv *Aquila* carrying **4 tonnes** of lubrication and marine diesel oils ran aground on rocks and sank off the west coast of the Isle of Muck and some pollution was later reported ashore.

3.25 UKCS 1 September (11-UKCS/1808)

The *Scott* installation reported a **3,700 kg** leakage of Corrtreat 753 from a heat exchanger unit.

3.26 UKCS 26 April (11-UKCS/1181)

A Chemical Management System was reviewed following a discharge of **3.5 tonnes** of methanol from the *Kittiwake Alpha* installation.

3.27 UKCS 20 August (12-UKCS/385)

An *unidentified passing vessel* was identified as the source of a patch of crude oil with an estimated volume **3.45 tonnes** reported by a Brent Field installation.

3.28 UKCS 9 October (11-UKCS/1229)

The *AH001* installation reported a **3.3 tonne** sub-sea chemical hydraulic fluid (HW 540) leakage. The volume was discharged over a period of time. The well was closed until the necessary repairs had been completed.

3.29 UKCS 12 October (11-UKCS/623)

A **3 tonne** sub-sea leakage of a chemical hydraulic fluid (HW 540) was reported by the *Gryphon Alpha* installation and the necessary repairs were completed.

3.30 UKCS 24 November (11-UKCS/676)

The *Ravenspurn North* installation reported a **3 tonne** chemical (Oceanic HW 540) leakage from a hydraulic control system.

3.31 UKCS 15 November (11-UKCS/1238)

Another chemical spillage (HW 540) of **2.6 tonnes** was reported by the *Cleeton* installation and the cause was again identified as a defective sub-sea solenoid valve following re-commissioning. The volume was discharged over a period of time.

3.32 UKCS 27 August (11-UKCS/540)

Incorrect valve alignment was identified as the cause of a **2.5-tonne** chemical (EDC 99DW) spillage from the *Rowan Gorilla V* installation. Pumps were shut down and the flowline realigned before normal operations were resumed.

3.33 UKCS 26 July (11-UKCS/1210)

Valves on 5 sub-sea wellhead installations were tested to identify the source of a **2.4 tonne** leakage of hydraulic fluid (HW 540) at the *Millom East* installation. The volume was discharged over a period of time.

3.34 UKCS 27 December (11-UKCS/717)

A **2.3 tonne** chemical (Oceanic HW 540) leakage at the *Claymore Alpha* installation was traced to a faulty fitting on a hydraulic control line. A dive support vessel carried out on-site repairs.

3.35 Essex and Kent 19 April (03-EK/750)

A Tier Two incident response was required after the ro-ro Mv *Pride of Dover* accidentally discharged **2 tonnes** of engine room slops containing medium and heavy fuel oil into Dover Harbour. A wear skimmer, a rope mop recovery system and absorbent pads were deployed in the clean-up operation.

3.36 Eastern Scotland 13 May (10-ES/178)

Approximately **2 tonnes** of diesel oil were accidentally discharged into Aberdeen Harbour from the Msv *Far Server* during an internal fuel transfer operation. Most of the oil was recovered by booms and skimmers during a clean-up operation.

3.37 UKCS 20 November (11-UKCS/668)

The *Sedco 714* installation reported a **2-tonne** spillage of base-oil following a transfer hose failure.

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 & gas installations and vessels)

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

- 4.1.1** Only 5 confirmed vessel-source pollution incidents were identified during 2005 compared with 6 incidents during the previous year. The 2005 incident reports referred to accidental discharges in ports, harbours and the open sea.
- 4.1.2** An EA report described a 30-litre diesel spillage from a pleasurecraft berthed at a Hartlepool Marina on 13 April. The cause of the spillage was identified as an accidental activation of a bilge pump during a fuel transfer operation. A boom and absorbent pads were deployed to remove the pollution from the water surface.
- 4.1.3** Another clean-up operation was undertaken following a minor crude oil spillage from the Mtanker *Anna Knutsen* at the Tetney Monobuoy on 30 April. The Mbarge *Rix Harrier* was identified as the source of a 2-litre fuel oil discharge at Immingham Dock following a manifold failure during a bunkering operation.
- 4.1.4** Approximately 500 litres of a chemical hydraulic fluid (HW 540) were lost to sea after an umbilical cord attached to a drilling ship was damaged during bad weather. A ROV was deployed to recover the cord.
- 4.1.5** Two POLREPS referred to incidents in which no pollution was observed. A tank container filled with 29 tonnes of toluene di-isocyanate (UN Number 2078, Class 6.1) was washed overboard from the Mv *Tor Bellona* in the North Sea off Spurn Point on 25 November. The Mfv *Norwood* sank off Hartlepool Harbour on 6 December with 3.6 tonnes of diesel in its bunkers.

4.2 Eastern England (Lincolnshire, Norfolk & Suffolk)

- 4.2.1** Reporting organisations identified only 2 pollution incidents attributed to vessels during 2005 compared with 15 incidents during 2004. There were no references in reports to any discharges from vessels operating in the ports and harbours of Eastern England during 2005. Accidental discharges from offshore oil & gas installations operating off Eastern England were included in the statistics for the UKCS (Refer to area 11 report for UKCS).
- 4.2.2** Konigsberg Satellite Services identified a light oil sheen 96 km northeast of Great Yarmouth on 27 May. The Netherlands Beam Trawler *ODI9* was later identified as the source of the pollution. Oil residues in the form of small lumps were removed from a small stretch of shoreline at Sheringham during the second week of August.
- 4.2.3** Two drums containing phosphoric acid-based solutions were washed up on beaches at Chapel St Leonards and Skegness and later removed by Lincolnshire Fire and Rescue Services. Several phosphorous US Navy flare containers were found on North Norfolk beaches during March. Two drop tanks containing approximately 700 litres of aviation fuel were jettisoned by an RAF Jaguar aircraft off Great Yarmouth on 12 December. The tanks were

expected to disintegrate upon hitting the sea and the fuel to disperse naturally.

4.3 Essex and Kent

4.3.1 Respondents identified 12 polluting discharges from vessels during 2005 compared with 16 discharges during the previous year. Nine incidents occurred in ports and harbours and the remainder occurred in the open sea off the Kent coastline.

4.3.2 In Essex reporting organisations submitted details of only a single minor diesel spill from a pleasurecraft at Mistley Quay on 16 November. The Port of London Authority (PLA) and EA described a 10-tonne spillage of gas oil after the *Brent Union* refuelling pontoon sank in the River Thames at Bermondsey taking 2 light tugs with it on 4 October. Booms and a barge which filters oil from water were deployed to combat the pollution which was in the form of an iridescent film that extended from Wandsworth to Greenwich (*Lloyd's List*, 5 October).

4.3.3 Five oil pollution incidents attributed to vessels were recorded by the Dover Harbour Board during the year. The ro-ro ferry *Mv Pride of Dover* accidentally spilt a small quantity of intermediate fuel oil after a bunker hose connection failed on 7 April. A larger 2-tonne accidental discharge of engine room slops containing medium and heavy fuel oil was attributed to the same vessel on 19 April. A wear skimmer, a rope mop recovery system, inflatable booms and absorbent pads were deployed in the clean-up operation.

4.3.4 Oil sheen patches observed floating in the Granville Dock at Dover on 12 June were later traced to the Mfv *Elizabeth Jane*. An automatic bilge pump was identified as the cause of the discharge by the owner of the fishing vessel. Absorbent booms and pads were deployed in a clean-up operation following a 7.5- litre fuel oil spillage from the *Mv Crescent Camilla* on 9 July. Subsequent investigations identified a hose blow-out as the cause of the incident. A burst hydraulic pipe caused a minor spillage to sea from the ro-ro ferry *Dawn Merchant* on 22 August and the sheen was dispersed by the ship's wash. Dover Harbour Board also submitted details of 3 suspected sewage discharges from vessels operating in the harbour area.

4.3.5 A Kent County Council report referred to a minor petrol spillage from the Pc *Nipper* on 28 November after the vessel had sank on its moorings in Herne Bay Harbour. The Mtanker *Tagenrog* was identified as the source of a minor fuel spillage at the entrance to Sheerness Harbour.

4.3.6 Respondents attributed 3 oil discharges to unidentified vessels operating in the open sea off the Kent coast. All were relatively minor in nature and the pollution was dispersed by wave action.

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

- 4.4.1** Seventeen pollution incidents attributed to vessels were reported during 2005 compared with 16 incidents during 2004. Thirteen oil discharges were recorded in local ports and harbours and the remainder in nearshore waters or the open sea. The source of the pollution was identified on 13 occasions including fishing vessels, general cargo vessels, pleasurecraft and a tanker.
- 4.4.2** ABP Southampton submitted details of 5 oil spills during the year. Warning letters were sent to the owners of 2 pleasurecraft following spills during refuelling operations. On June 18 the Mv *Autofreighter* (1,313 dwt, built 1977) spilled 100 litres of fuel oil into Southampton Water during an internal transfer operation. The pollution was successfully contained and removed from the water surface following implementation of the port oil spill contingency plan. The owners of the vessel pleaded guilty to breaching section 131 of the Merchant Shipping Act 1995 and failure to report the spill contrary to section 136 of the same legislation. UECC was fined £22,000 for the 2 offences and ordered to pay ABP's costs of £1,912. The company also paid clean-up and investigation expenses (*Lloyd's List*, 30 September).
- 4.4.3** Lymington Harbour Commissioners and New Forest District Council reported a 50-litre diesel spillage from the yacht *Bergetta* on 15 July. The spill occurred during a refuelling operation and absorbent mops removed the pollution from the water surface. A small leakage from a hydraulic seal was identified as the source of a minor discharge from the ro-ro ferry *Cenwulf* in the same location on 29 November.
- 4.4.4** Poole Harbour Commissioners described 3 oil pollution incidents during 2005. A letter giving advice on good practice was sent from the Harbour Master to the owner of a pleasurecraft following a very minor diesel spill on 10 September. The owner of the Pc *Tommy J* also received a letter of advice from the Harbour Master following a 25-litre diesel spill on 1 October. In addition CPL Fuels undertook a risk assessment and reviewed their procedures for refuelling operations.
- 4.4.5** A light oil slick was sighted off the Isle of Wight on 25 June and another 4 days later off Selsey Bill. A French fishing vessel reported sighting tank washings but was unable to identify the source of pollution. A POLREP referred to a light sheen in Weymouth Bay on 8 September.
- 4.4.6** The Mv *Isis* lost two box containers overboard off the Isle of Wight on 11 February. The containers broke open releasing their contents of empty gas cylinders and some were subsequently recovered on Isle of Wight beaches. The Isle of Wight Council also provided details of several incidents involving recovery of packages containing chemicals or refined oils from beaches during the year. Eight hundred toys comprising pink hippopotami, dogs and red-legged turkeys wrapped in plastic bags were washed up along the Sussex coast during November. The toys were lost cargo from the Mv *Bunga Pelangi* which shed four containers in rough seas on its way from Amsterdam to Southampton (*Lloyd's List*, 4 November). Havant Council described several incidents during the year in which suspicious packages, a flare and an unexploded device were washed ashore on local beaches

4.5 South-west England (Devon, Cornwall, Isles of Scilly, Channel Islands and the Western Approaches)

4.5.1 Twenty vessel-source pollution incidents were identified by reporting organisations during 2005 compared with 15 during the previous year. Fifteen oil discharges occurred in local ports and harbours and 3 discharges were judged to be significant as the volumes of oil were greater than 455 litres. The source of the pollution was identified on 11 occasions and 18 reports referred to fuel oils.

4.5.2 Following a collision with a container vessel in the French sector of the English Channel on 2 August the Mv *Dogger* (1,092gt, built 1976) lost 500 litres of diesel oil to sea from a ruptured generator tank before arriving at Falmouth for a damage assessment and repairs (*Lloyd's List*, 4 August). The Mfv *Les Mercenaires* sank off Berry Head on 31 August with approximately 680 litres of diesel and hydraulic oil onboard. A diesel patch was evident on the sea surface and all local authorities were notified.

4.5.3 Cornwall County Council and EA reports described a 900-litre spillage of slops from the Msv *Sardegna* whilst alongside the Queen's Wharf at Falmouth on 30 December. The Falmouth Harbourmaster initiated a clean-up operation in which a boom and absorbent materials were deployed to recover the oil. A boom and absorbent mops were also deployed at Brixham Harbour to remove approximately 100 litres of diesel and bilge washings from a dock used by fishing vessels.

4.5.4 Fowey Harbour Commissioners reported 7 minor diesel sheens attributed to suspected bilge pump-outs from unidentified pleasurecraft. Devon County Council referred to a 10-litre diesel spillage on 26 May after the Mfv *Steel Fisher* sank on its moorings in the Exe Estuary. A similar pollution incident occurred on 21 August after a yacht sank on its moorings in Looe Harbour. An EA report identified a derelict vessel as the source of a diesel sheen at Teignmouth. The EA issued a warning notice to a Plymouth boatyard owner following a fuel oil spill from a pleasurecraft.

4.5.5 Crude oil residues in the form of small lumps were washed ashore at Portheras Cove on the north coast of Cornwall during January. The National Trust advised that the oil should be left to disperse naturally due to the sensitivity of the area.

4.5.6 The aerial surveillance aircraft Atlantic 405 reported an infra-red detection of a gas oil sheen extending for 24 km on the 14 April. Cornwall County Council provided details of 7 drums recovered on beaches which were subsequently found to contain chemicals or refined oils.

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

4.6.1 Accidental discharges from vessels operating in ports and harbours were again the major characteristic of the 2005 statistics accounting for 18 of 19 incidents identified by reporting organisations. Most discharges involved relatively small quantities of fuel oils and clean-up operations were usually completed after each discharge. The source of the pollution was identified on 17 occasions with 9 spills attributed to fishing vessels. During 2004 reporting organisations also identified 19 pollution incidents.

4.6.2 The EA, Milford Haven Port Authority (MHPA) and Pembrokeshire County Council (PCC) submitted detailed accounts of 14 discharges from vessels operating in Milford Dock, Milford Haven Waterway and Milford Marina. Estimated volumes were provided for 12 discharges and the median volume was 7.5 litres compared with 4 litres for the previous year. Individual spill volumes ranged from 0.5 litres to 200 litres and bunkering spills from fishing vessels were identified on 8 occasions.

4.6.3 A POLREP described a 50-litre spillage of diesel oil from the Mtanker *Maersk Rouen* whilst alongside the Total Jetty on 13 February. The Mfv *Bolthby* was identified as the source of a 30-litre diesel spill on 10 May. Another 200 litres of diesel oil were discharged into Milford Dock from the Mfv *Mooie Maid* during a bunkering operation on 25 August. Legal proceedings brought by the MHPA resulted in a successful prosecution and a fine of £5,000. A bunkering spill was attributed to the same fishing vessel on 13 December. An EA report referred to a chemical spill from the Msv *Oakgarth* on 15 September. The substance was identified as an agent added to water to produce foam for tugs when fire-fighting.

4.6.4 Elsewhere, oil spills in ports or harbours were recorded at Bristol, Fishguard and Swansea. The Bristol Port Company reported a 5-litre spillage of lubrication oil from the Mv *Belmonte* in the Royal Portbury Dock on 20 October. The Mtug *Intrepid B* (192 gt) sank on its moorings in Fishguard Harbour on 14 February causing a spillage of 15 litres of diesel. An absorbent boom was placed around the vessel and all tanks were sealed to prevent any further pollution. A salvage operation was later successfully completed (*Lloyd's List*, 16, 17, 18 & 22 February, 1 March). An EA Wales report referred to a 90-litre fuel oil spillage from a pleasurecraft at Fishguard on 2 October. A blowback during a bunkering operation caused a 100-litre gas oil spill from the Mtug *Faris* at Swansea's Kings Dock on 1 August.

4.6.5 The Mfv *Margaret Ann* carrying 455 litres of diesel fuel sank off St Annes Head and a sheen was later observed on the water surface. Milford Haven MRSC received a report on 3 November stating that the Mv *Endeavor* had lost four containers overboard filled with whisky and an unidentified liquor.

4.7 Irish Sea (Cardiganshire, Gwynedd, Anglesey, Aberconwy & Colwyn, Denbighshire, Flintshire, Merseyside, Lancashire, Cumbria, Isle of Man and all Districts of Northern Ireland)

4.7.1 Fifteen vessel-source pollution incidents were identified by reporting organisations during 2005 compared with 17 incidents during the previous year. The source of the pollution was identified on 14 occasions including 3 fishing vessel casualties. Analysis of reports by marine environmental zones showed 10 discharges in local ports and harbours and the remainder in nearshore waters or the open sea. Accidental spills from oil and gas installations operating in Morecambe Bay were included in the statistics for the UKCS (Refer to area 11 report for UKCS).

4.7.2 Reporting organisations submitted details of 4 spills at Liverpool Docks during 2005. A boom and absorbent pads were deployed in a clean-up operation after a 5-litre hydraulic oil spillage from the Msv *Mersey Mariner* on 9 May. Approximately 100 litres of diesel oil were spilt from the Mfv *Modi Neid* during a bunkering operation in the Canada Dock on 21 September. Gulf Offshore attended as a clean-up contractor following a 100-litre spillage of soya oil from the Mtanker *Tora* on 27 September.

4.7.3 The Mv *MCS Marlene* lost 20 litres of diesel during an onboard fuel transfer at Workington and a clean-up operation was completed to quickly prevent the oil spreading. The same vessel was responsible for another diesel spill at Workington later in the year and bilge, tank and deck cleaners were applied to disperse the pollution. Larne Harbour Authority recorded an accidental 50-litre hydraulic oil discharge from the Mv *Aeobyeen*. Oil samples were taken following a 25-litre diesel spill from the Mv *Scharnhorn* at Mostyn Port on 15 May. Ramsey Harbour reported a clean-up operation following a minor diesel spill from a local pleasurecraft on 3 November.

4.7.4 Five POLREPS referred to oil discharges in nearshore waters or in the open sea. A small quantity of diesel was spilt after the Mfv *Lord Sam* dragged its anchor in Morecambe Bay. The Mfv *Exact* sank on its moorings in the Menai Strait and lost 114 litres of diesel oil to sea. The pollution was dispersed quickly in a strong ebb tide. The Mdredger *City of Cardiff* reported a stern tube leakage of hydraulic oil off the Isle of Man on 29 April. A rainbow sheen was observed on the water surface after the Mfv *Morning Spray* sank in the Irish Sea off Bardsey Island on 9 June with 200 litres of diesel onboard.

4.8 Western Scotland (Dumfries and Galloway, Ayrshire, Inverclyde, Argyll & Bute and the Highlands & Islands Region to Cape Wrath)

4.8.1 Twelve confirmed vessel-source pollution incidents were identified during 2005 which was the same total as the previous year. Eight incidents were reported in ports and harbours and the remainder in bays or nearshore waters. The source of the pollution was identified in each incident and 7 spills were attributed to fishing vessels engaged in bunkering operations. There were

again no references in the annual returns to indicate that any legal proceedings had been initiated against alleged offenders.

- 4.8.2** The Highland Council described 6 fuel oil spills from fishing vessels engaged in bunkering operations in Lochinver Harbour. The total volume of oil spilt amounted to 820 litres with a median volume of 75 litres. Harbour staff completed clean-up operations after each spill and the total costs of £2,500 were paid by vessel owners. The Mfv *Mariette Le Roch* was identified as the source of 3 spills on 17 August, 14 September and 12 October.
- 4.8.3** Elsewhere an ABP Ayr and Troon Harbour report identified a hose failure as the cause of a 5-litre hydraulic oil spill from the Mv *Sheksna* on 7 February. A POLREP described a 5-litre bunkering spill from the Mfv *Stardust* in Portree Harbour on 29 May.
- 4.8.4** Four accidental oil discharges to nearshore waters were reported during 2005. On 3 April the Mfv *Aquila* ran aground on the west coast of the Isle of Muck and later sank. The fishing vessel was carrying approximately 4 tonnes of marine diesel and 4 drums of lubrication oil. Some shoreline pollution was reported but the majority was dispersed by wave action. A yacht ran aground near Armadale Pier on the Isle of Skye after a mooring rope broke causing a 45 litre diesel spillage.
- 4.8.5** The Mfv *Coastal Surveyor* (54 gt, built 1969) was reported aground and on fire at Loch Roag on 16 October. The vessel had 9 tonnes of diesel bunkers onboard and an oil sheen extending for more than 3 km was later observed (*Lloyd's List*, 18 & 20 October). Clydeport Operations reported a 340-litre hydraulic oil spillage from the submarine *HMS Spartan* operating off Garroch Head on 18 December. Another 2 fishing vessels carrying total diesel bunkers of approximately 10 tonnes sank in the open sea but on each occasion there was no evidence of reported pollution. During February there were further reports of live phosphorous flares arriving on Girvan and Ayr beaches.

4.9 Orkney and Shetland Islands

- 4.9.1** Ten confirmed oil discharges attributed to vessels were identified from 18 completed questionnaires and other reports compared with 7 oil discharges during 2004. The source of the pollution was identified in each incident, and included fishing vessels, offshore support vessels, oil tankers, military vessels, a general cargo vessel and an emergency towing vessel. The most frequent polluting substances were again various types of fuel, lubrication and hydraulic oils, in quantities ranging from a few litres to 180 tonnes. Accidental spills from oil installations operating in the West Shetland Basin were included in the statistics for the UKCS (Refer to area 11 report for UKCS).
- 4.9.2** Eight of the 10 confirmed pollution incidents occurred in the ports and waters around Shetland. Only a single incident was reported at the Sullom

Voe Oil Terminal during the year. On 9 August an incomplete burn at the start-up of the IG system was identified as the cause of a minor diesel spill from the BP Mtanker *Loch Rannoch*. Elsewhere at Sullom Voe two diesel spills during bunkering operations were attributed to the Mfv *Caledonia* and Mv *Shalder*. Another diesel spill during a bunkering operation was reported at Scalloway Harbour on 2 February. A visor ram hydraulic pipe failure onboard an inter-island ferry caused a minor spillage at Burra Ness.

4.9.3 Three pollution incidents were reported in the waters around Shetland during 2005. On 11 May the Mfv *Maranatha* sank northwest of Shetland with 20 tonnes of diesel onboard and a light oil slick was later observed above the wreck position. The Russian aircraft carrier *Admiral Kutznetsov* was identified as the source of an oil slick reported off the east of Shetland on 3 September.

4.9.4 The hull of the Mtug *Anglian Sovereign* (2,263 gt, built 2003) was extensively damaged below the waterline after the emergency towing vessel ran aground on the Island of Oxna on 3 September. The vessel was refloated but struck rocks at the Cheynies before reaching Scalloway. The skipper was breathalysed after the incident and charged with being more than three times over the legal limit for alcohol. Approximately 180 tonnes of diesel escaped from the vessel's ruptured fuel tanks and 96 tonnes were subsequently recovered during a counter-pollution operation in which booms and mechanical recovery equipment were deployed.

4.9.5 An Environment Group issued precautionary advice to local shellfish and fish farmers and inshore shellfish fishermen in the Scalloway area not to fish, harvest or feed in areas of obvious oil pollution. Repair and clean-up operation costs were estimated at more than £3 million. The police inquiry was one of three under way at the time of reporting to determine the circumstances which led to the grounding (*Lloyd's List*, 6, 7, 8, 13 & 16 September, 21 April 2006).

4.9.6 The Orkney Islands Council's Department of Harbours submitted details of two pollution incidents. Approximately 100 litres of fuel oil were spilt to the west of Orkney during a replenishment operation between *HMAS Anzac* and the *RFA Orangeleaf*. Pumping was immediately suspended while the cause of the incident was investigated and corrected and the pollution was later dispersed by wave action. A burst hydraulic line on the deck of the Mtanker *Petronordic* caused a minor sheen in Scapa Flow on 27 June.

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-seven discharges from vessels were recorded by reporting organisations during 2005 compared with 37 during 2004. Analysis of incident reports by marine environmental zones showed 19 spills occurred in ports and harbours, 7 in nearshore waters or the open sea and there was a single reference to a beach pollution incident. The source of the pollution

was identified on 22 occasions including 10 fishing vessels and 6 offshore support vessels. Six discharges were greater than 1 tonne in volume and there were 18 references to fuel oils as polluting substances. Two successful prosecutions had been concluded at the time of reporting with fines totalling £16,500.

4.10.2 Three vessel-casualty spills were reported in the eastern Scotland enumeration area during 2005. On 3 May the Mfv *Northards* foundered and sank near Bell Rock whilst under tow to Bridlington. The derelict fishing vessel was carrying 455 litres of marine diesel and a light sheen was later observed on the water surface. Another oily sheen was reported after the Mfv *Pisces* hit land off Strathy Point and sank with 4.2 tonnes of diesel and lubrication oil onboard. The third vessel-casualty spill occurred on 18 December after the Mfv *Sovereign* with 1.8 tonnes of diesel onboard went aground near Fraserburgh. Small amounts of fuel were later seen leaking from the hull of the vessel.

4.10.3 Pollution incidents attributed to vessels in ports were recorded at Aberdeen, Arbroath, Crail, Cromarty Firth, Firth of Forth, Inverness, Peterhead and Scrabster. The Aberdeen Harbour Board, MCA and Scottish Environment Protection Agency (SEPA) submitted reports describing 9 oil discharges with a total volume of 3.9 tonnes. The discharges occurred mostly during bunkering operations and were attributed to 6 offshore support vessels and 3 fishing vessels. Clean-up operations employing absorbent booms and skimmers were completed after most discharges. Two prosecutions were successfully completed during 2005 and police warnings to skippers or the owners of vessels were issued on at least 3 occasions.

4.10.4 The Msv *Far Server* accidentally discharged 2 tonnes of diesel oil into Aberdeen Harbour on 13 May. Contractors deployed booms and skimmers during the clean-up operation. The cause of the spill was identified as a faulty fuel gauge during an internal oil transfer operation. The Master's plea of not guilty was accepted and the operating company Farstad Shipping was fined £6,500. The same operating company received a £10,000 fine following a successful prosecution brought by the Procurator Fiscal for a 15-litre diesel spill from the Msv *Far Superior* on 1 April. A further 1.5 tonnes of fuel oil were spilt in the same location from the Msv *Ocean Viking* but no further details were available at the time of reporting. Human error was identified as the cause of a 300-litre bunkering spill from the Msv *Ocean Mainport* on 19 July. Contractors successfully recovered most of the oil although a small quantity was lost to the River Dee.

4.10.5 Approximately 45 litres of diesel oil escaped into Arbroath Harbour through an air vent after the scallop dredger Mfv *Provider* keeled over at low water. A POLREP identified a 100-litre discharge of used engine oil from the Mfv *Fertile* in Scrabster Harbour Fishdock on 13 May. A Fife Council report referred to a small oil sheen from an unidentified vessel operating in the Firth of Forth between Inchcolm and Inchkeith. A second oil sheen from another unidentified vessel was observed off Inchgarvie Island on the following day. Both sheens were dispersed by wave action. The Cromarty Firth Port

Authority submitted two reports of polluting discharges from the Mv *Arion* and the rig *GSF Arctic II* on 22 August and 31 August respectively.

- 4.10.6** Crude oil residues in the form of sticky lumpy deposits mixed with debris were washed ashore on a small stretch of shoreline at Lybster. Samples were taken and analysed and the results suggested an origin from the east Shetland Basin but not the nearby Beatrice and Captain Fields. A controlled underwater explosion took place to destroy a Mark 12 Exercise Mine which had been recovered in the nets of a fishing vessel in the Forth Estuary. East Lothian Council noted several incidents throughout the year involving recovery of waste oils and paint thinners in packaged form on beaches.

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

Oil and gas installations

- 4.11.2** The methods employed to calculate discharge statistics from offshore oil & gas installations were changed during 2005 as a consequence of new Regulations coming into affect: The Offshore Petroleum Activities (Oil Pollution Prevention and Control Regulations) 2005 (OPPC Regulations). The new regulations require different reporting requirements for both mineral oils and other types of discharges. A summary of the new regulations is provided in **Appendix 3**.
- 4.11.3** Under the provisions of the OPPC Regulations permits are issued controlling and regulating the discharge of oil from various planned operational activities and/or processes on offshore installations. These planned discharges include, but are not limited to, oil in produced water, oil in drainage water and oil on sand/scale. Each permit issued sets out various conditions associated with the planned discharge of oil that must be adhered to by the operator of the installation.
- 4.11.4** As a result of these changes permitted produced water discharges will no longer be included in the ACOPS report but will continue to be reported to the Oslo-Paris Commission (OSPAR) and published in the Annual Report on Discharges, Waste Handling and Air Emissions from Offshore Installations.
- 4.11.5** All accidental/unplanned discharges or spills of oil or chemicals, regardless of volume must be notified to the relevant authorities. Accidental discharges 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 equipment to carry out the work. Environmental risk

assessments have shown that these events, which are normally of relative small volume, cause negligible impact to the marine environment.

- 4.11.6 Excluding approximately 100 permitted produced water discharges, a total of 282 oil discharges was attributed to oil and gas installations during 2005 including those operating in the west Shetland Basin, Liverpool Bay and off the coast of eastern England.
- 4.11.7 In addition, the authorities were notified of 101 discharges of chemicals and other substances during 2005. The reported discharges included a biocide, brine silicate, calcium bromide, fluorescein dye, glycol solutions, methanol, oil-based mud, oxygen scavenger, pig wax, scale dissolver, silicone, sodium bromide and sodium hypochlorite.
- 4.11.8 Details of all discharges, including a cause when known, are listed in **Appendix 1** (UKCS oil & gas installations). It should be noted that in accordance with the Offshore Chemicals Regulations 2002 oil-based mud was reclassified from an *other* to a *chemical* substance. Additional information is provided in **Section 3** for 27 discharges of 2 tonnes or more.
- 4.11.9 The distribution pattern for volumes of discharges from oil & gas installations, where known, was again markedly skewed with 79% less than 455 litres. Individual spill volumes ranged from less than 0.01 litres to 66 tonnes. Analysis of oil types showed 38% of reported discharges were crude oils followed by 26% for lubrication and hydraulic oils and 21% for fuel oils.
- 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, improvements in operational control procedures, recommendations concerning preventative actions and carrying out any necessary repairs and modifications to faulty or damaged equipment. In addition, several reports referred to operators sealing systems and shutting down operations in order to prevent any further pollution.
- 4.11.11 Four successful prosecutions were concluded by the Procurator Fiscal during 2005 following discharges from the *Forties Alpha*, *North Everest*, *Lomond* and *North Cormorant* installations during 2002, 2003 and 2004 (Refer to **Table 6**).

Vessels

- 4.11.12 A further 26 incidents, nine more than the previous year, were attributed to vessels operating within the UKCS enumeration area. Most involved surface sheens or oil slicks reported by offshore installations but attributed to unidentified passing vessels. The estimated volumes where known ranged from 1 litre to 3.45 tonnes. In each incident it was assumed that the pollution dispersed naturally without posing a threat to wildlife or the coastline.
- 4.11.13 Two POLREPS referred to chemical discharges from vessels operating in the UKCS area. A cap failure caused a very minor spillage of oil-based mud from the Msv *Highland Star* alongside the Alba Northern installation.

4.11.14 The Mfv *Fertile II* (251 gt, built 2000) sank on 28 August with 10 tonnes of diesel onboard and a surface sheen was later observed (*Lloyd's List*, 30 August). Approximately 15.9 tonnes of diesel oil escaped to sea after the Mfv *Harvester* (154 gt, built 1973) sank 117 km south east of Sumburgh following a collision in heavy fog with the Norwegian supply vessel *Strilmoy*. The Mfv *Harvester* was pair-trawling with another fishing vessel when the collision occurred. A report into the accident issued by the Department for Transport's Marine Accident Investigations Branch stated that the collision happened due to the poor lookout kept on the *Strilmoy* and the late action by *Harvester* (*Lloyd's List*, 7 November, 22 June 2006).

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 2005 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 the DTI and MCA describing accidental discharges from oil and gas installations operating on the UKCS. For the remaining discharges from vessels 28% of individual incident reports were compiled from questionnaire returns submitted by two or more reporting organisations.

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.mcga.gov.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:

Association of Sea Fisheries Committees
British Ports Association
Convention of Scottish Local Authorities
Department of Trade and Industry
Environment Agency
Local Government Association
Maritime & Coastguard Agency's Counter Pollution Branch
Northern Ireland Environment and Heritage Service
Royal Society for the Prevention of Cruelty to Animals
Scottish Environment Protection Agency
Scottish Society for the Prevention of Cruelty to Animals

APPENDIX 1

SUMMARY OF REPORTED INCIDENTS

Key to types of vessels

Mct Chemical tanker

Mfv Fishing vessel

Msv Offshore support vessel

Mt Oil tanker

Mv General cargo vessel

Pc Pleasurecraft

RFA Royal Fleet Auxilliary 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/040 | 12-Jan | 53-38N: 01-57E | Chemical | HW 540 | 500 litres | Mv Ocean Challenger | Broken umbilical cord from drilling ship. |
| *NE/996 | 13-Apr | Hartlepool | Oil | Diesel | 30 litres | Pc Poplar Voyager | Clean-up completed. |
| NE/132 | 30-Apr | Tetney Monobouy | Oil | Crude | Nk | Mt Anna Knutsen | Clean-up completed. |
| NE/333 | 08-Sep | Immingham Dock | Oil | Fuel | 2 litres | Mbargo Rix Harrier | Manifold failure during bunkering operation |
| *NE/1138 | 15-Sep | Teesport | Oil | Lubrication | 5 litres | Mv Polar Queen | Sheen dispersed by tidal action. |

2: EASTERN ENGLAND (*Incident not identified by a POLREP)

| Reference | Date | Location | Category | Type | Amount | Source | Comments |
|------------------|-------------|-----------------|-----------------|-------------|---------------|---------------------|---------------------------|
| EE/134 | 27-May | 53-34N: 02-46E | Oil | Diesel | Nk | Mfv OD19 | Dispersed by wave action. |
| *EE/1110 | 15-Aug | Sheringham | Oil | Lumps | Nk | Unidentified vessel | Clean-up completed. |

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

| Reference | Date | Location | Category | Type | Amount | Source | Comments |
|------------------|-------------|----------------------|-----------------|-------------|---------------|----------------------|--------------------------------|
| *EK/1066 | 07-Apr | Dover Harbour | Oil | Fuel | 0.5 litres | Ro-ro Pride of Dover | Clean-up completed. |
| *EK/750 | 19-Apr | Dover Harbour | Oil | Sludge | 2 tonnes | Ro-ro Pride of Dover | Clean-up completed. |
| *EK/751 | 26-Apr | 51-28N: 01-36E | Oil | Nk | Nk | Unidentified vessel | Film dispersed by wave action. |
| *EK/1069 | 12-Jun | Dover Harbour | Oil | Fuel | Nk | Mfv Elizabeth Jane | Film dispersed by wave action. |
| *EK/754 | 09-Jul | Dover Harbour | Oil | Diesel | 7.5 litres | Mv Crescent Camilla | Clean-up completed. |
| *EK/755 | 15-Jul | 51-28N: 01-06E | Oil | Nk | Nk | Unidentified vessel | Film dispersed by wave action. |
| *EK/756 | 01-Aug | 51-03N: 01-06E | Oil | Nk | Nk | Unidentified vessel | Film dispersed by wave action. |
| *EK/1073 | 22-Aug | Dover Harbour | Oil | Hydraulic | Nk | Ro-ro Dawn Merchant | Film dispersed by wave action. |
| *EK/757 | 04-Oct | Port of London | Oil | Gas | 10 tonnes | Barge Brent Union | Vessel sank on mooring. |
| *EK/758 | 16-Nov | Mistley, River Stour | Oil | Diesel | 5 litres | Pc Tongam | Clean-up completed. |
| EK/759 | 28-Nov | Herne Bay Harbour | Oil | Petrol | Nk | Pc Nipper | Vessel sank on mooring. |
| *EK/1000 | 30-Nov | Sheerness | Oil | Fuel | Nk | Mtanker Tagenrog | Clean-up completed. |

| 4: SOUTHERN ENGLAND (*Incident not identified by a POLREP) | | | | | | | |
|---|-------------|-------------------|-----------------|-------------|---------------|----------------------|---|
| Reference | Date | Location | Category | Type | Amount | Source | Comments |
| *SE/1103 | 30-Mar | Southampton | Oil | Gas | 10 litres | Pc Solent Enterprise | Sheen dispersed by wave action. |
| *SE/1108 | 10-Jun | Southampton | Oil | Gas | 10 litres | Pc Aftica | Sheen dispersed by wave action. |
| *SE/1107 | 18-Jun | Southampton | Oil | Fuel | 100 litres | Mv Autofreighter | Clean-up completed. |
| SE/138 | 25-Jun | 50-21N: 01-36W | Oil | Nk | Nk | Unidentified vessel | Rainbow sheen dispersed by wave action. |
| SE/139 | 29-Jun | 50-30N: 00-32W | Oil | Nk | Nk | Unidentified vessel | Dispersed naturally. |
| *SE/778 | 15-Jul | Lymington Harbour | Oil | Diesel | 50 litres | Pc Bergetta | Clean-up following refuelling spill. |
| SE/780 | 22-Jul | Weymouth Harbour | Oil | Diesel | 1 litre | Unidentified vessel | Dispersed by wave action. |
| SE/340 | 24-Aug | 49-59N: 02-54W | Oil | Nk | Nk | Unidentified vessel | Thought to be tank washings. |
| SE/341 | 08-Sep | 50-36N: 02-22W | Oil | Diesel | Nk | Mfv Blue Sonata | Light sheen on water surface above wreck site |
| *SE/1038 | 10-Sep | Poole Harbour | Oil | Fuel | 2 litres | Pleasurecraft | Dispersed by wave action. |
| *SE/781 | 14-Sep | Wootton Creek | Oil | Lubrication | Nk | Ro-ro St Cecelia | Sheen dispersed naturally. |
| *SE/1106 | 28-Sep | Southampton | Oil | Fuel | 10 litres | Mv Freighter | Clean-up following bunkering spill. |
| SE/583 | 01-Oct | Poole Harbour | Oil | Diesel | 25 litres | Pc Tommy J | Fuel spilt in bilge and pumped overside. |
| *SE/1104 | 28-Oct | Southampton | Oil | Fuel | 25 litres | Mtanker Whitmariner | Clean-up completed. |
| SE/586 | 07-Nov | Hamble River | Oil | Hydraulic | 2 litres | Mdredger Reloader | Pollution dispersed naturally. |
| *SE/782 | 29-Nov | Lymington Harbour | Oil | Hydraulic | Nk | Ro-ro Cenwulf | Small leak from hydraulic seal. |
| *SE/1040 | 15-Dec | Poole Harbour | Oil | Fuel | Nk | Mfv Le Belhara | Clean-up following bunkering spill. |

| 5: SOUTH-WEST ENGLAND (*Incident not identified by a POLREP) | | | | | | | |
|---|-------------|-----------------|-----------------|-------------|---------------|------------------------------|---|
| Reference | Date | Location | Category | Type | Amount | Source | Comments |
| SW/006 | 04-Jan | Brixham Harbour | Oil | Diesel | 100 litres | Unidentified fishing vessels | Clean-up completed. |
| *SW/1010 | 21-Jan | Bideford | Oil | Diesel | Nk | Mfv Provider | Pollution dispersed naturally. |
| SW/008 | 31-Jan | Portheras Cove | Oil | Crude | 40 litres | Unidentified vessel | Natural degradation. |
| *SW/803 | 03-Feb | Brixham Harbour | Oil | Diesel | Nk | Unidentified vessel | Clean-up completed. |
| *SW/804 | 17-Feb | Fowey Harbour | Oil | Diesel | 0.5 litres | Unidentified vessel | Probable bilge pump out. |
| *SW/807 | 05-Apr | Fowey Harbour | Oil | Diesel | 1 litre | Unidentified vessel | Probable bilge pump out. |
| SW/140 | 05-Apr | 49-34N: 04-02W | Oil | Diesel | 10 litres | Unidentified vessel | Dispersed by wave action. |
| SW/141 | 14-Apr | 49-40N: 06-11W | Oil | Gas | Nk | Unidentified vessel | Sheen extended for 24 km. |
| *SW/808 | 06-May | Fowey Harbour | Oil | Diesel | 0.5 litres | Unidentified vessel | Probable bilge pump out. |
| *SW/810 | 26-May | Fowey Harbour | Oil | Diesel | 0.5 litres | Unidentified vessel | Probable bilge pump out. |
| SW/811 | 26-May | Exe Estuary | Oil | Diesel | 10 litres | Mfv Steel Fisher | Vessel sank on moorings. |
| *SW/813 | 01-Jun | Fowey Harbour | Oil | Diesel | 1 litre | Unidentified vessel | Probable bilge pump out. |
| *SW/814 | 01-Jun | Fowey Harbour | Oil | Diesel | 1.5 litres | Unidentified vessel | Probable bilge pump out. |
| SW/342 | 02-Aug | 49-27N: 04-33W | Oil | Diesel | 500 litres | Mv Dogger | Generator tank leakage after collision. |
| *SW/817 | 05-Aug | Fowey Harbour | Oil | Diesel | 0.5 litres | Unidentified vessel | Bilge pump-out. |
| SW/343 | 21-Aug | Looe Harbour | Oil | Diesel | 20 litres | Pc Deu Kerens | Yacht sank on moorings. |
| *SW/1007 | 26-Aug | Plymouth | Oil | Diesel | Nk | Pleasurcraft | Clean-up completed. |
| SW/344 | 31-Aug | 50-22N: 03-29W | Oil | Diesel | 682 litres | Mfv Les Mercenaires | Vessel sank. |
| *SW/1005 | 23-Dec | Teignmouth | Oil | Diesel | Nk | Derelict vessel | Pollution dispersed naturally. |
| *SW/825 | 30-Dec | Falmouth | Oil | Bilge | 900 litres | Msv SNAV Sardegna | Hose failure during pump-out operation. |

| 6: BRISTOL CHANNEL AND SOUTH WALES (*Incident not identified by a POLREP) | | | | | | | |
|--|-------------|---------------------|-----------------|---------------|---------------|----------------------|--------------------------------------|
| Reference | Date | Location | Category | Type | Amount | Source | Comments |
| BC/009 | 13-Feb | Milford Haven | Oil | Diesel | 50 litres | Mtanker Maersk Rouen | Clean-up completed. |
| BC/010 | 14-Feb | Fishguard Harbour | Oil | Diesel | 15 litres | Mtug Intrepid B | Vessel sank on moorings. |
| *BC/848 | 28-Feb | Milford Docks | Oil | Diesel | 10 litres | Mfv Jasmine | Bunkering spill, clean-up completed. |
| *BC/850 | 26-Mar | Milford Docks | Oil | Diesel | 4 litres | Mfv Bow Mourn | Bunkering spill, clean-up completed. |
| BC/147 | 11-Apr | Milford Docks | Oil | Diesel | 0.5 litres | Mfv Vaya Con Dios | Bunkering spill. |
| BC/148 | 14-Apr | Milford Docks | Oil | Diesel | 5 litres | Mfv Vidar | Bunkering spill, clean-up completed. |
| BC/151 | 26-Apr | Milford Docks | Oil | Diesel | 1.5 litres | Mfv Sophia | Bunkering spill, clean-up completed. |
| *BC/856 | 10-May | Milford Docks | Oil | Diesel | 30 litres | Mfv Boltby | Bunkering spill, clean-up completed. |
| *BC/859 | 12-Jul | Milford Docks | Oil | Bilge | Nk | Unidentified vessel | Bloom of bilge oil. |
| *BC/1012 | 01-Aug | Swansea | Oil | Diesel | 100 litres | Mtug Faris | Clean-up completed. |
| BC/353 | 25-Aug | Milford Docks | Oil | Diesel | 200 litres | Mfv Mooie Maid | Bunkering spill, clean-up completed. |
| *BC/865 | 30-Aug | Milford Marina | Oil | Diesel | 1 litre | Pc Apricus | Bunkering spill. |
| BC/354 | 14-Sep | Milford Dock Marina | Oil | Diesel | 30 litres | Pleasurecraft | Clean-up completed. |
| *BC/1015 | 15-Sep | Milford Haven | Chemical | Foaming agent | Nk | Msv Oakgarth | Clean-up completed. |
| *BC/868 | 16-Sep | Milford Docks | Oil | Bilge | 20 litres | Unidentified vessel | Clean-up completed. |
| *BC/1016 | 02-Oct | Fishguard Harbour | Oil | Bilge | 90 litres | Pleasurecraft | Clean-up completed. |
| BC/870 | 06-Oct | 51-39N: 05-11W | Oil | Diesel | 455 litres | Mfv Margaret Ann | Pollution dispersed by wave action. |
| *BC/871 | 20-Oct | Royal Portbury Dock | Oil | Lubrication | 5 litres | Mv Belmonte | Clean-up completed. |
| BC/590 | 13-Dec | Milford Docks | Oil | Diesel | 3 litres | Mfv Mooie Maid | Bunkering spill, clean-up completed. |

| 7: IRISH SEA (*Incident not identified by a POLREP) | | | | | | | |
|--|-------------|-----------------|-----------------|-------------|---------------|--------------------------|--------------------------------------|
| Reference | Date | Location | Category | Type | Amount | Source | Comments |
| IS/014 | 09-Feb | 54-05N: 03-09W | Oil | Diesel | 10 litres | Mfv Lord Sam | Vessel dragged anchor. |
| IS/015 | 31-Mar | 53-11N: 04-13W | Oil | Diesel | 114 litres | Mfv Exact | Vessel sank on moorings. |
| IS/1137 | 11-Apr | Liverpool Docks | Oil | Diesel | 200 litres | Mv Ginga Hawk | Clean-up completed. |
| IS/154 | 11-Apr | Workington | Oil | Diesel | 20 litres | Mv MCS Marlene | Fuel transfer spillage. |
| IS/156 | 29-Apr | 54-11N: 03-52W | Oil | Hydraulic | 20 litres | Mdredger City of Cardiff | Stern tube leakage. |
| IS/157 | 09-May | Liverpool Docks | Oil | Hydraulic | 5 litres | Msv Mersey Mariner | Split hose, clean-up completed. |
| *IS/897 | 10-May | Larne Harbour | Oil | Hydraulic | 50 litres | Mv Aeobyean | Clean-up completed. |
| IS/158 | 15-May | Mostyn Port | Oil | Diesel | 25 litres | Mv Scharnhorn | Clean-up completed. |
| IS/159 | 09-Jun | 53-04N: 04-45W | Oil | Diesel | 200 litres | Mfv Morning Spray | Vessel sank. |
| *IS/1129 | 24-Jun | Workington | Oil | Diesel | 15 litres | Mfv Alisia | Bunkering spill. |
| IS/357 | 07-Jul | 53-48N: 03-49W | Oil | Gasoline | 20 litres | Unidentified vessel | Dispersed by wave action. |
| IS/361 | 21-Sep | Liverpool Docks | Oil | Diesel | 100 litres | Mfv Modi Neid | Bunkering spill, clean up completed. |
| IS/362 | 27-Sep | Liverpool Docks | Vegetable | Soya oil | 100 litres | Mtanker Tora | Clean-up completed. |
| *IS/1128 | 01-Oct | Workington | Oil | Diesel | 15 litres | Mv MCS Marlene | Clean-up completed. |
| *IS/1019 | 03-Nov | Ramsey Harbour | Oil | Diesel | 10 litres | Pc Balcary | Clean-up completed. |

| 8: WESTERN SCOTLAND (*Incident not identified by a POLREP) | | | | | | | |
|---|-------------|-------------------|-----------------|-------------|---------------|----------------------|--------------------------------------|
| Reference | Date | Location | Category | Type | Amount | Source | Comments |
| *WS/1057 | 07-Feb | Ayr Harbour | Oil | Hydraulic | 5 litres | Mv Sheksna | Oil dispersed by wave action. |
| *WS/943 | 09-Feb | Lochinver Harbour | Oil | Gas | 50 litres | Mfv Bressay Bank | Bunkering spill, clean-up completed. |
| *WS/942 | 05-Mar | Lochinver Harbour | Oil | Gas | 100 litres | Mfv Kirrixki | Bunkering spill, clean-up completed. |
| WS/019 | 18-Mar | Lochinver Harbour | Oil | Gas | 200 litres | Mfv Jean Le Clerc | Bunkering spill, clean-up completed. |
| WS/164 | 03-Apr | 56-50N: 06-16W | Oil | Diesel | 4 tonnes | Mfv Aquila | Vessel ran aground and sank. |
| WS/165 | 19-Apr | 57-04N: 05-54W | Oil | Diesel | 45.5 litres | Pc Wave Train | Yacht ran aground. |
| WS/166 | 29-May | Portree Harbour | Oil | Diesel | 5 litres | Mfv Stardust | Bunkering spill, clean-up completed. |
| WS/366 | 17-Aug | Lochinver Harbour | Oil | Diesel | 50 litres | Mfv Mariette Le Roch | Bunkering spill, clean-up completed. |
| WS/367 | 14-Sep | Lochinver Harbour | Oil | Diesel | 20 litres | Mfv Mariette le Roch | Bunkering spill, clean-up completed. |
| WS/593 | 12-Oct | Lochinver Harbour | Oil | Diesel | 400 litres | Mfv Mariette Le Roch | Bunkering spill, clean-up completed. |
| WS/594 | 16-Oct | 58-16N: 06-49W | Oil | Diesel | 909 litres | Mfv Coastal Surveyor | Vessel ran aground. |
| *WS/952 | 18-Dec | 55-43N: 05-06W | Oil | Hydraulic | 340 litres | HMS Spartan | Accidental discharge from submarine. |

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

| Reference | Date | Location | Category | Type | Amount | Source | Comments |
|------------------|-------------|-----------------|-----------------|-------------|---------------|-----------------------|-------------------------------------|
| *OS/962 | 02-Feb | Scalloway | Oil | Diesel | 5 litres | Msv Grampian Clansman | Bunkering spill. |
| *OS/966 | 25-Apr | Burra Ness | Oil | Hydraulic | 10 litres | Mv Daggri | Pipe failure. |
| OS/169 | 11-May | 60-56N: 02-04W | Oil | Diesel | 20 tonnes | Mfv Maranatha | Vessel sank in open sea. |
| OS/170 | 08-Jun | 59-12N: 03-58N | Oil | Fuel | 100 litres | HMAS Anzac | Oil dispersed by wave action. |
| *OS/1086 | 27-Jun | Scapa Flow | Oil | Hydraulic | 20 litres | Mtanker Petronordic | Sheen dispersed by wave action. |
| *OS/965 | 09-Aug | Sullom Voe | Oil | Diesel | 5 litres | Mtanker Loch Rannoch | Pollution dispersed by wave action. |
| OS/370 | 03-Sep | 60-36N: 00-19W | Oil | Nk | Nk | Russian warship | Light sheen extending for 5 km. |
| OS/371 | 03-Sep | 60-08N: 01-18W | Oil | Gas | 180 tonnes | ETV Anglian Sovereign | Vessel ran aground. |
| *OS/964 | 25-Sep | Sullom Voe | Oil | Diesel | 6 litres | Mfv Caledonia | Bunkering spill. |
| *OS/963 | 21-Oct | Sullom Voe | Oil | Diesel | 25 litres | Mv Shalder | Bunkering spill. |

| 10: EASTERN SCOTLAND (*Incident not identified by a POLREP) | | | | | | | |
|--|-------------|------------------------|-----------------|-------------|---------------|----------------------|---|
| Reference | Date | Location | Category | Type | Amount | Source | Comments |
| ES/021 | 20-Jan | Aberdeen Harbour | Oil | Diesel | 15 litres | Mfv Mizpah | Bunkering spill, clean-up completed. |
| ES/022 | 24-Jan | Aberdeen Harbour | Oil | Diesel | 25 litres | Mfv Russa Taign | Bunkering spill, clean-up completed. |
| ES/023 | 30-Jan | Off Grangemouth | Animal oil | Fish oil | 10 litres | Mtanker Zanis Griva | Discharge during deck washing operation. |
| ES/024 | 10-Mar | Arbroath Harbour | Oil | Diesel | 45 litres | Mfv Provider | Clean-up completed. |
| ES/025 | 28-Mar | Aberdeen Harbour | Oil | Diesel | 15 litres | Msv Skandi Inspector | Bunkering spill, clean-up completed. |
| *ES/971 | 01-Apr | Aberdeen Harbour | Oil | Diesel | 15 litres | Msv Far Superior | Clean-up completed. |
| ES/171 | 01-Apr | Lybster Beach | Oil | Crude | 10 litres | Unidentified vessel | Sample taken and analysed. |
| ES/173 | 25-Apr | Inverness | Oil | Diesel | 2 litres | Mv Brudanes | Bunkering spill. |
| ES/175 | 03-May | 56-20N: 02-04W | Oil | Diesel | 455 litres | Mfv Northards | Vessel sank under tow. |
| ES/177 | 13-May | Scrabster Harbour | Oil | Lubrication | 100 litres | Mfv Fertile | Samples taken and analysed. |
| ES/178 | 13-May | Aberdeen Harbour | Oil | Diesel | 2 tonnes | Msv Far Server | Bunkering spill, clean-up completed. |
| ES/303 | 19-Jun | 58-07N: 03-05W | Oil | Crude | 56 litres | Unidentified vessel | Reported by Beatrice installation. |
| *ES/979 | 22-Jun | Crail Harbour | Oil | Hydraulic | 22 litres | Pc Karen Ins 24 | No clean-up required. |
| *ES/1095 | 04-Jul | Aberdeen Harbour | Oil | Hydraulic | Nk | Msv Polar Bjorn | Sheen dispersed by tidal action. |
| ES/373 | 10-Jul | 58-10N: 00-10W | Oil | Diesel | 1.1 tonnes | Mfv Helenus | Broken fuel pipe. |
| ES/375 | 19-Jul | Aberdeen Harbour | Oil | Diesel | 350 litres | Msv Ocean Mainport | Bunkering spill, clean-up completed. |
| ES/981 | 01-Aug | Firth of Forth | Oil | Diesel | 0.04 litres | Unidentified vessel | Dispersed by wave action. |
| ES/1098 | 02-Aug | Firth of Forth | Oil | Diesel | Nk | Unidentified vessel | Dispersed by wave action. |
| ES/380 | 16-Aug | Peterhead Harbour | Oil | Diesel | 20 litres | Mfv Genesis | Spill during internal transfer operation. |
| *ES/1060 | 22-Aug | Cromarty Firth Harbour | Oil | Lubrication | 100 litres | Mv Arion | Clean-up completed. |
| *ES/1061 | 31-Aug | Cromarty Firth Harbour | Oil | Hydraulic | 1 litre | Rig GSF Arctic II | Oil dispersed by wave action. |
| *ES/1097 | 06-Sep | Aberdeen Harbour | Oil | Fuel | 1.5 tonnes | Msv Ocean Viking | Clean-up completed. |
| ES/384 | 22-Sep | 58-35N: 03-57W | Oil | Diesel | 4.2 tonnes | Mfv Pisces | Vessel sank. |
| ES/600 | 04-Oct | 57-45N: 01-50W | Oil | Diesel | 1.6 tonnes | Unidentified vessel | Dispersed by wave action. |
| ES/602 | 24-Oct | 58-06N: 00-13W | Oil | Light | 0.21 litres | Unidentified vessel | Dispersed by wave action. |
| ES/604 | 14-Nov | Aberdeen Harbour | Oil | Diesel | 10 litres | Mfv Tjerd Jacoba | Bunkering spill, clean-up completed. |
| ES/605 | 18-Dec | 57-41N: 01-56W | Oil | Diesel | 1.8 tonnes | Mfv Sovereign | Vessel ran aground. |

11: UKCS OIL AND GAS INSTALLATION ACCIDENTAL DISCHARGES (*Incident not identified by a POLREP)

| Reference | Date | Location | Category | Type | Amount | Source | Comments |
|------------|--------|----------------|----------|---------------------|---------------|------------------------|---|
| UKCS/030 | 01-Jan | 59-22N: 01-34E | Oil | Hydraulic | 7 tonnes | Gryphon Alpha | Control fluid leak at wellhead. |
| *UKCS/1156 | 01-Jan | 59-22N: 01-34E | Chemical | Oceanic HW 540 | 400kg | Gryphon Alpha | Sub-sea control fluid leak at wellhead. |
| *UKCS/1157 | 02-Jan | 58-18N: 01-46W | Chemical | Oceanic HW 540 | 29.8 tonnes | Captain WPPA | Leak from area B sub-sea template hydraulic control. |
| UKCS/031 | 03-Jan | 58-29N: 01-16E | Oil | Hydraulic | 400 litres | Tiffany | Hose failure. |
| UKCS/032 | 03-Jan | 58-48N: 01-22E | Oil | Diesel | 1.2 litres | Brae Bravo | Cause under investigation at time of reporting. |
| UKCS/034 | 05-Jan | 53-17N: 02-41E | Oil | Hydraulic | 192 litres | Juliet Platform 49/24 | Hose failure on platform crane. |
| UKCS/035 | 05-Jan | 60-54N: 01-16E | Chemical | Sodium hypochlorite | 0.6 kg | Ninian Southern | Suspected failure in pipeline. |
| UKCS/036 | 08-Jan | 57-18N: 02-18E | Chemical | Glycol solution | 400 kg | Haewene Brim | Three drums split during storm. |
| UKCS/038 | 10-Jan | 61-17N: 00-55E | Chemical | Biocide | 0.0009 litres | Tern Alpha | Failure of water injection riser. |
| UKCS/1800 | 12-Jan | 53-38N: 01-57E | Chemical | HW540 | 500 litres | Ocean Challenger | Broken umbilical due to bad weather. |
| UKCS/042 | 15-Jan | 53-03N: 02-14E | Chemical | MEG (inhibitor) | 1.5 litres | Leman Platform 49/27 | Damage to hose during transfer from vessel. |
| UKCS/044 | 16-Jan | 56-11N: 02-17E | Oil | Crude | 2.5 litres | Rowan Gorilla VII | Produced Water System malfunction. |
| UKCS/047 | 17-Jan | 60-48N: 01-02E | Oil | Crude | 100 litres | Ninian Southern | Produced Water System malfunction. |
| UKCS/048 | 17-Jan | 58-10N: 01-04E | Oil | Crude | 200 litres | Balmoral | Produced Water System malfunction. |
| UKCS/052 | 20-Jan | 58-00N: 00-23E | Oil | Hydraulic | 20 litres | Goldeneye | Control package damaged fitting. |
| *UKCS/1158 | 24-Jan | 57-01N: 01-57E | Oil | Lubrication | 3.9 litres | Shearwater | Wellhead crane. |
| *UKCS/1159 | 25-Jan | 57-05N: 02-05E | Oil | Hydraulic | 200 litres | Machar subsea manifold | Sub-sea Hydraulic torque used for diving operations. |
| *UKCS/1160 | 25-Jan | 57-18N: 02-18E | Chemical | Glycol solution | Nk | Haewene Brim | Solution not approved chemical on the DTI Permit. |
| UKCS/059 | 27-Jan | 56-11N: 02-46E | Oil | Diesel | 337 litres | Rowan Gorilla VII | Filter seal failure. |
| UKCS/060 | 27-Jan | 58-17N: 00-28W | Oil | Hydraulic | 36 litres | Ocean Princess | Leakage from ROV. |
| UKCS/061 | 28-Jan | 53-34N: 01-39E | Oil | Hydraulic | 10 litres | PL Platform 48/13A | Crane hose failure. |
| UKCS/062 | 30-Jan | 57-43N: 00-58E | Oil | Crude | 300 litres | Forties Alpha | Produced Water System malfunction. |
| UKCS/063 | 01-Feb | 58-23N: 00-09E | Oil | Hydraulic | 1 litre | Ocean Nomad | Detachment of ROV arm. |
| UKCS/064 | 02-Feb | 56-24N: 02-15E | Chemical | Oxygen scavenger | 0.123 litres | Janice Alpha | Leakage at well tree. |
| *UKCS/1161 | 02-Feb | 58-18N: 01-46W | Chemical | Oceanic HW 540 | 4.24 tonnes | Captain | Leak from area B sub-sea template hydraulic control line. |
| UKCS/065 | 02-Feb | 53-11N: 02-52E | Chemical | TEG | 100 litres | Sean Field | Failure of bolt on recirculation pump. |
| *UKCS/1162 | 03-Feb | 58-02N: 01-08E | Oil | Condensate | 0.1 litres | Britannia | Drains Pot. |
| UKCS/066 | 04-Feb | 58-03N: 01-08E | Oil | Hydraulic | 0.003 litres | Britannia | Leaking swagelok fitting. |

| | | | | | | | |
|------------|--------|----------------|----------|-----------------|--------------|-------------------------|--|
| UKCS/1801 | 04-Feb | 53-28N: 01-44E | Oil | Condensate | 0.001 litres | Clipper | Leaking produced water pump. |
| UKCS/067 | 05-Feb | 53-28N: 01-44E | Oil | Condensate | 1 litre | Clipper 48/19A | Leaking gland. |
| UKCS/068 | 05-Feb | 57-18N: 01-40E | Oil | Hydraulic | 1 litre | ETAP (Marnock) | Loose fitting. |
| UKCS/069 | 06-Feb | 56-24N: 02-04E | Oil | Crude | 7 litres | Auk Alpha | Produced Water System malfunction. |
| UKCS/070 | 08-Feb | 56-24N: 02-15E | Oil | Hydraulic | 5 litres | Seawell | Burst hose on ROV tooling skid. |
| UKCS/071 | 08-Feb | 56-24N: 02-15E | Oil | Hydraulic | 3 litres | Seawell | Burst hose on ROV tooling skid. |
| UKCS/072 | 08-Feb | 60-55N: 00-49E | Oil | Hydraulic | 5 litres | GSF Rig 140 | Leakage from sub-sea ROV unit. |
| UKCS/073 | 09-Feb | 53-28N: 01-44E | Oil | Hydraulic | 1 litre | Clipper 48/19A Platform | Seeping Christmas tree valve. |
| UKCS/074 | 11-Feb | 56-27N: 02-17E | Oil | Diesel | 2 litres | Clyde | Pinhole leak in hose. |
| UKCS/075 | 12-Feb | 58-23N: 01-09E | Chemical | KCL/Glycol | 4 tonnes | Ocean Nomad | Leaking diverter seal. |
| *UKCS/1163 | 14-Feb | 53-19N: 02-34E | Oil | Condensate | 15 tonnes | 49/23a | Manual draining of HP compressor discharge header. |
| UKCS/077 | 15-Feb | 58-17N: 00-28E | Chemical | Oceanic HW 540 | 1.55 tonnes | Northern Producer | Sub-sea leakage under investigation. |
| *UKCS/1164 | 16-Feb | 58-18N: 01-46W | Oil | Crude | 2 litres | Captain | Minor leakage from flowline flange joint. |
| UKCS/078 | 17-Feb | 59-33N: 01-32E | Oil | Lubrication | 390 litres | Beryl Alpha | Leakage from bearing sealing system. |
| *UKCS/1165 | 19-Feb | 56-43N: 01-18E | Oil | Crude | 1 litre | Maersk Curlew | Crude oil washing line. |
| UKCS/080 | 20-Feb | 58-43N: 01-24E | Oil | Diesel | 50 litres | Miller | Wind blown to sea. |
| *UKCS/1166 | 21-Feb | 68-22N: 00-01E | Chemical | Oil-based mud | 200 litres | Ocean Nomad | Leaking pipe fitting on valve. |
| UKCS/082 | 22-Feb | 61-06N: 01-04E | Oil | Diesel | 10 litres | Cormorant Alpha | Valve failure. |
| UKCS/083 | 22-Feb | 60-20N: 04-02W | Oil | Hydraulic | 18 litres | Schiehallion | Burst ROV hose. |
| UKCS/086 | 23-Feb | 61-02N: 01-42E | Chemical | Scale dissolver | 840 litres | Brent Alpha | Possible discharge from decommissioned umbilical. |
| UKCS/087 | 23-Feb | 57-01N: 01-50E | Chemical | Drilling fluid | 19.2 tonnes | Elgin | Investigation underway at time of reporting. |
| UKCS/090 | 26-Feb | 57-28N: 00-31E | Oil | Diesel | 0.2 litres | Kittiwake Alpha | Primary fuel line to manifold failure. |
| UKCS/092 | 28-Feb | 58-18N: 01-46W | Oil | Crude | 5 litres | Captain | Leak from offloading system. |
| UKCS/093 | 01-Mar | 61-17N: 00-55E | Chemical | Oceanic HW 540 | 200 litres | Tern Alpha | Sub-sea well control system leakage. |
| *UKCS/1168 | 01-Mar | 57-10N: 02-16E | Chemical | Oceanic HW 540 | 40.4kg | Gannet Alpha | Overuse of WG-33 but with no discharge to be seen. |
| UKCS/095 | 04-Mar | 61-02N: 01-42E | Oil | Hydraulic | 45 litres | Brent Alpha | Leakage from umbilical line. |
| UKCS/098 | 06-Mar | 61-02N: 01-42E | Oil | Hydraulic | 35 litres | Brent Alpha | Leakage from umbilical line. |
| UKCS/099 | 07-Mar | 53-50N: 00-28E | Oil | Condensate | Nk | Rough 47/3B platform | Discharge during gas processing operations. |
| UKCS/100 | 07-Mar | 53-05N: 02-08E | Oil | Condensate | 10 litres | Leman Alpha | Failure of relief valve on condensate pump. |
| UKCS/102 | 08-Mar | 59-31N: 01-25E | Chemical | Oil-based mud | 1.5 tonnes | GSF Arctic III | Hose failed during pumping. |

| | | | | | | | |
|------------|--------|----------------|----------|-----------------|------------|---------------------|--|
| *UKCS/1170 | 09-Mar | 59-22N: 01-34E | Chemical | Oceanic HW 540 | Nk | Gryphon Alpha | Sub-sea hydraulic supply at control module or wellheads. |
| UKCS/103 | 09-Mar | 54-02N: 01-06E | Oil | Hydraulic | 85 litres | Ravenspur North | Leakage following valve failure. |
| UKCS/105 | 14-Mar | 53-05N: 02-32E | Chemical | TEG | Nk | Thames A Platform | Discharge ongoing at time of reporting. |
| UKCS/106 | 14-Mar | 61-14N: 01-09E | Oil | Crude | 498 litres | North Cormorant | Produced Water System malfunction. |
| UKCS/108 | 15-Mar | 56-58N: 01-52E | Oil | Hydraulic | 1 litre | Franklin | Burst hose. |
| UKCS/110 | 18-Mar | 58-29N: 01-16E | Oil | Diesel | 3 litres | Tiffany | Leakage in bunkering hose. |
| UKCS/111 | 18-Mar | 59-34N: 01-39E | Oil | Crude | 10 litres | Global Producer III | Closed drains pump seal failed. |
| UKCS/113 | 19-Mar | 58-43N: 01-24E | Oil | Crude | 1 litre | Miller | Faulty gas card. |
| UKCS/114 | 20-Mar | 58-22N: 00-04E | Oil | Crude | 0.4 litres | Tartan Alpha | Failure of pile pump. |
| *UKCS/1171 | 21-Mar | 58-18N: 01-46W | Chemical | EC1426A | Nk | Captain | Chemical not specified in PON15D application. |
| UKCS/116 | 23-Mar | 52-05N: 02-08E | Oil | Condensate | 100 litres | Leman 49/26 | Slops tank overflowed. |
| UKCS/117 | 23-Mar | 53-37N: 00-47E | Oil | Hydraulic | 125 litres | Amethyst | Leakage from hydraulic control block. |
| UKCS/121 | 24-Mar | 53-05N: 02-08E | Chemical | MEG (inhibitor) | 13 litres | Leman Alpha | Leakage from pump. |
| UKCS/122 | 24-Mar | 61-17N: 00-55E | Oil | Crude | 25 litres | Tern Alpha | Produced Water System malfunction. |
| UKCS/123 | 24-Mar | 57-27N: 01-23E | Oil | Crude | 20 litres | Montrose Alpha | Level control problem in drains sump. |
| UKCS/124 | 25-Mar | 57-27N: 01-23E | Oil | Crude | 500 litres | Montrose Alpha | Produced Water System malfunction. |
| *UKCS/1172 | 26-Mar | 57-27N: 01-23E | Oil | Nk | Nk | Montrose Alpha | Reported Atlantic 406. |
| *UKCS/1173 | 26-Mar | 56-27N: 02-17E | Oil | Nk | Nk | Clyde | Reported Atlantic 406. |
| *UKCS/1174 | 31-Mar | 59-44N: 01-40E | Oil | Lubrication | 3.3 litres | Bruce | Clean up of deluge storm drain disposal. |
| UKCS/187 | 01-Apr | 53-17N: 02-42E | Oil | Diesel | 5 litres | Kilo 49/24 | Hose failure during transfer operation. |
| UKCS/190 | 02-Apr | 56-43N: 01-15E | Oil | Crude | 12 litres | Maersk Curlew | Produced Water System malfunction. |
| UKCS/192 | 04-Apr | 57-27N: 01-23E | Chemical | Oil-based mud | 500 litres | Montrose Alpha | Pipework coupling leak. |
| UKCS/193 | 04-Apr | 61-06N: 01-45E | Oil | Crude | 0.5 litres | Cormorant Alpha | Door seal failure during pigging operation. |
| *UKCS/1176 | 05-Apr | 58-06N: 03-05W | Oil | Hydraulic | 16 litres | Beatrice Bravo | Leaking hydraulic on wellhead emergency valve. |
| UKCS/197 | 06-Apr | 58-27N: 00-15W | Oil | Crude | 53 litres | Claymore Alpha | Reported Atlantic 406. |
| UKCS/199 | 06-Apr | 59-17N: 01-31E | Oil | Hydraulic | 2 litres | Harding | Bottle baker panel failure. |
| UKCS/201 | 09-Apr | 56-24N: 02-04E | Oil | Diesel | 50 litres | Auk Alpha | Burst bunkering hose. |
| UKCS/203 | 10-Apr | 57-44N: 00-58E | Oil | Crude | 100 litres | Forties Alpha | Sea sump failure. |
| UKCS/205 | 10-Apr | 57-01N: 01-50E | Oil | Diesel | 0.2 litres | Elgin PUQ | Pump discharge flange leak. |
| UKCS/207 | 12-Apr | 57-43N: 00-54E | Oil | Crude | 25 litres | Forties Delta | Sea sump pump malfunction. |

| | | | | | | | |
|------------|--------|----------------|----------|-------------------|--------------|----------------------|--|
| UKCS/208 | 12-Apr | 57-01N: 01-50E | Oil | Hydraulic | 17.4 litres | Elgin PUQ | Burst hose. |
| UKCS/209 | 13-Apr | 53-34N: 01-38E | Oil | Condensate | 1 litre | Barque PL | Drain valve not seated correctly. |
| UKCS/211 | 14-Apr | 59-33N: 01-32E | Oil | Lubrication | 100 litres | Beryl Alpha | Oil passing through bearing sealing system. |
| *UKCS/1177 | 14-Apr | 58-02N: 01-08E | Oil | Diesel | 4.7 litres | Britannia | Diesel umbilical leak. |
| *UKCS/1178 | 14-Apr | 61-21N: 01-34E | Oil | Diesel | 0.1 litres | Thistle Alpha | Diesel return line leak. |
| UKCS/213 | 16-Apr | 58-00N: 00-23W | Oil | Hydraulic | 0.18 litres | Goldeneye | Receptacle accidentally lost overboard. |
| UKCS/214 | 17-Apr | 58-18N: 01-46W | Oil | Diesel | 12 litres | Captain WPP | Overflow from storage tank. |
| UKCS/215 | 19-Apr | 61-02N: 01-42E | Oil | Diesel | 0.8 litres | Brent Alpha | Crane tank overflow during bunkering. |
| UKCS/216 | 19-Apr | 58-03N: 01-04W | Other | Water soluble oil | 1 litre | Sedco 714 | Burst hose. |
| UKCS/217 | 20-Apr | 58-03N: 01-04W | Oil | Hydraulic | 2 litres | Sedco 714 | Pressure sensor hose burst at fitting. |
| UKCS/218 | 20-Apr | 61-37N: 01-18E | Chemical | MEG (inhibitor) | 1.58 tonnes | Magnus | Leak from hydraulic control line to sub-sea well. |
| UKCS/219 | 20-Apr | 61-06N: 01-43E | Oil | Hydraulic | 10 litres | Brent Charlie | Sub-sea leakage. |
| UKCS/221 | 23-Apr | 61-17N: 00-55E | Oil | Crude | 360 litres | Tern Alpha | Produced Water System malfunction. |
| UKCS/222 | 24-Apr | 58-00N: 01-09E | Chemical | Aqualink 300 | 5 litres | Nelson | Biodegradable fluid leaked from hole in drip tray. |
| UKCS/223 | 25-Apr | 60-51N: 01-28E | Oil | Crude | 255 litres | Ninian Central | Discharge following washing down operation. |
| *UKCS/1180 | 25-Apr | 53-36N: 03-10W | Oil | Nk | 0.8 litres | Lennox Platform | 20 litre drum spillage. |
| *UKCS/1181 | 26-Apr | 57-28N: 00-03E | Chemical | Methanol | 3.5 tonnes | Kittiwake Alpha | Exceedance of Chemical Permit methanol use. |
| UKCS/224 | 28-Apr | 57-18N: 01-40E | Oil | Hydraulic | 4.8 litres | ETAP (Marnock) | Hydraulic hose to wing valve. |
| UKCS/225 | 29-Apr | 61-19N: 01-32E | Chemical | Completion fluid | 54 litres | Sedco 711 | Failure of upper packer on telescopic joint. |
| UKCS/226 | 30-Apr | 53-10N: 02-57E | Oil | Hydraulic | 0.04 litres | GSF Britannia | Condensation on leg during repairs. |
| UKCS/227 | 30-Apr | 61-17N: 00-55E | Oil | Crude | 1 litre | Tern Alpha | Produced Water System malfunction. |
| UKCS/229 | 30-Apr | 61-14N: 01-09E | Other | Pig wax | 24 litres | North Cormorant | Incorrectly identified and discharged to sea. |
| UKCS/230 | 02-May | 60-21N: 04-04W | Oil | Crude | 5 litres | Schiehallion | Burst hose on degasser unit. |
| UKCS/234 | 11-May | 53-54N: 00-33E | Oil | Fuel | 150 litres | Ensco 70 | Gasket split in blank flange. |
| UKCS/236 | 11-May | 57-27N: 01-23E | Oil | Crude | 500 litres | Montrose Alpha | Hole in cold vent pipework. |
| UKCS/239 | 13-May | 57-57N: 00-07E | Chemical | Oil-based mud | 4 litres | Ocean Princess | Drip tray overfilled. |
| UKCS/241 | 14-May | 60-48N: 01-02E | Oil | Crude | 20 litres | Ninian Southern | Residue spilt on deck. |
| UKCS/242 | 14-May | 61-16N: 01-36E | Oil | Crude | 45.2 litres | Dunlin Alpha | Produced Water System malfunction. |
| *UKCS/1182 | 14-May | 61-17N: 00-55E | Oil | Crude | 287.2 litres | Tern Alpha | Reported Atlantic 405. |
| UKCS/245 | 17-May | 53-50N: 00-28E | Oil | Diesel | 5 litres | Rough 47/3B platform | Drank tank level upset. |

| | | | | | | | |
|------------|--------|----------------|----------|---------------------|--------------|----------------------|--|
| UKCS/246 | 17-May | 57-11N: 00-44E | Oil | Crude | 8.5 litres | Triton | Gas bubble release with crude entrained. |
| *UKCS/1183 | 18-May | 59-22N: 01-34E | Chemical | Oceanic HW 540 | 21.6 tonnes | Gryphon | Sub-sea hydraulic supply at control module or wellheads. |
| UKCS/248 | 20-May | 58-28N: 00-15E | Oil | Diesel | 15 litres | Piper Bravo | Inadvertent operation of isolation valve. |
| *UKCS/1184 | 20-May | 53-52N: 03-33W | Oil | Oily water | 1.7 litres | DP4 | Tote tank overspill. |
| UKCS/250 | 21-May | 61-08N: 01-44E | Oil | Diesel | 1 litre | Brent Delta | Damaged day tank level indication pipe. |
| UKCS/251 | 21-May | 60-21N: 04-04W | Oil | Diesel | 1.6 litres | Schiehallion | Leakage from drains tundish. |
| UKCS/252 | 22-May | 58-03N: 01-08E | Oil | Crude | Nk | Britannia | Produced Water System malfunction. |
| UKCS/253 | 22-May | 60-42N: 02-33W | Oil | Oily water | 0.001 litres | Clair | Drains tundish overspill. |
| UKCS/254 | 23-May | 53-15N: 02-01E | Oil | Hydraulic | 60 litres | Vulcan Platform 49/2 | Seal failure in master valve actuator. |
| UKCS/255 | 23-May | 53-48N: 01-12E | Chemical | Oceanic HW 540 | 200 litres | Hoton | Hydraulic line parted from actuator. |
| UKCS/256 | 23-May | 60-56N: 00-49E | Chemical | Brine Silicate | 440 litres | Sedco 714 | Burst hose. |
| UKCS/258 | 23-May | 59-37N: 01-31E | Chemical | Magnuclear W-243 | 30 litres | Beryl Bravo | Overflow from storage tank. |
| UKCS/259 | 23-May | 58-26N: 01-17E | Chemical | Fluorescein Tracer | 3.6 litres | Byford Dolphin | Leakage from damaged plastic drum. |
| *UKCS/1185 | 23-May | 61-07N: 01-44E | Oil | Diesel | 0.1 litres | Brent Delta | Damaged day tank level indication pipe. |
| *UKCS/1186 | 25-May | 58-17N: 00-12E | Chemical | Corrtreat 753 | 4.5 tonnes | Scott | Faulty site glass. |
| UKCS/262 | 26-May | 61-02N: 01-42E | Oil | Hydraulic | 11 litres | Brent Alpha | Leak on umbilical hydraulic line. |
| UKCS/263 | 26-May | 57-40N: 01-09E | Chemical | Versaclean oil base | 14 litres | Nelson | Inadvertent use of packer. |
| UKCS/264 | 27-May | 57-27N: 01-23E | Oil | Oily water | 300 litres | Montrose Alpha | Drains caisson drain valve left open. |
| UKCS/265 | 27-May | 53-43N: 01-07E | Oil | Hydraulic | 50 litres | West Sole Bravo 48/6 | Leak on the well WB pack off valve. |
| UKCS/266 | 27-May | 58-29N: 01-16E | Oil | Crude | 25 litres | Tiffany | Leaking plug on valve body. |
| UKCS/267 | 27-May | 58-26N: 01-17E | Oil | Crude | 50 litres | Byford Dolphin | Spillage of contents of poor boydegasser liquid seal. |
| *UKCS/1187 | 29-May | 60-49N: 01-44E | Oil | Hydraulic | 2.5 litres | Alwyn North | Failure of crane 'O' ring. |
| UKCS/269 | 30-May | 61-17N: 00-55E | Oil | Crude | 5 litres | Tern Alpha | Cause unknown at time of reporting. |
| UKCS/270 | 30-May | 58-03N: 01-05E | Oil | Base oil | 80 litres | Alba North | Failure of bulk hose connection. |
| UKCS/271 | 31-May | 57-44N: 00-58E | Chemical | Oil-based mud | 15.6 litres | Forties Alpha | Leakage from joint on standpipe. |
| UKCS/272 | 01-Jun | 57-57N: 01-51E | Oil | Condensate | 8.3 litres | Armada | Produced Water System malfunction. |
| UKCS/273 | 01-Jun | 61-16N: 01-36E | Oil | Diesel | 40 litres | Dunlin Alpha | Diesel entrained in PW discharge to sea. |
| *UKCS/1188 | 02-Jun | 56-43N: 01-18E | Oil | Oily water | 10 litres | Maersk Curlew | Hazardous Drains System malfunction. |
| UKCS/274 | 03-Jun | 53-17N: 02-41E | Oil | Fuel | 0.5 litres | Inde Kilo | Drips from bunkering line. |
| UKCS/278 | 04-Jun | 57-11N: 01-00E | Oil | Crude | 100 litres | Gannet Alpha | Produced Water System malfunction. |

| | | | | | | | |
|------------|--------|----------------|----------|---------------------|-------------|------------------|--|
| UKCS/279 | 04-Jun | 59-45N: 01-40E | Oil | Lubrication | 45 litres | Bruce | Drain backed up causing overflow. |
| UKCS/280 | 06-Jun | 60-21N: 04-04W | Oil | Hydraulic | 0.5 litres | Schiehallion | Hose failure on swivel seal. |
| UKCS/281 | 07-Jun | 57-11N: 00-44E | Oil | Hydraulic | 127 litres | Triton | Leakage on sub-sea control module. |
| *UKCS/1189 | 07-Jun | 57-11N: 00-44E | Chemical | Brayco Micronic 884 | 3.1kg | Triton | Failure of sub-sea control module. |
| UKCS/282 | 08-Jun | 58-18N: 00-47E | Oil | Lubrication | 1.5 litres | Sedco 712 | Drain plug malfunction. |
| UKCS/283 | 08-Jun | 60-54N: 01-26E | Oil | Oily water | 2 litres | Ninian Northern | Tank pump sump overspilled. |
| UKCS/286 | 09-Jun | 57-55N: 00-30E | Oil | Base oil | 36 litres | J W Mclean | Dump valve leakage from batch tank. |
| UKCS/288 | 10-Jun | 58-29N: 01-16E | Oil | Hydraulic | 50 litres | Tiffany | Sub-sea hydraulic leakage. |
| *UKCS/1190 | 12-Jun | 56-24N: 02-15E | Oil | Crude | 1.3 litres | Janice Alpha | Leak at flowline riser. |
| UKCS/290 | 13-Jun | 53-18N: 02-34E | Oil | Condensate | 1 litre | Charlie Platform | Spill from vent stack. |
| UKCS/292 | 13-Jun | 59-17N: 01-31E | Oil | Hydraulic | 1.2 litres | Harding | Leakage from control line to wellhead. |
| UKCS/295 | 14-Jun | 60-54N: 01-25E | Oil | Crude | 25 litres | Ninian Northern | Produced Water System malfunction. |
| UKCS/298 | 16-Jun | 57-22N: 00-49E | Oil | Crude | 0.1 litres | Anasuria | Cook tree connector problem. |
| *UKCS/1192 | 18-Jun | 56-24N: 02-15E | Chemical | Flourescein dye | 0.5kg | Janice Alpha | Riser leak investigation & ROV inspection. |
| UKCS/302 | 19-Jun | 58-18N: 00-12E | Oil | Base oil | 300 litres | Scott | Failure to maintain correct levels in storage tanks. |
| UKCS/304 | 20-Jun | 53-33N: 01-48E | Chemical | B140 | 15.9 litres | GSF Monarch | Skimmer tank overflowed. |
| UKCS/306 | 21-Jun | 60-38N: 01-39E | Oil | Lubrication | 144 litres | Dunbar | Failure of the lube oil cooler. |
| UKCS/307 | 22-Jun | 56-26N: 02-32E | Chemical | Oil-based mud | 100 litres | Ocean Nomad | Leaking diverter seal. |
| UKCS/312 | 24-Jun | 58-25N: 00-19W | Oil | Crude | 1 litre | Claymore Alpha | Overflow of closed drains. |
| UKCS/314 | 24-Jun | 56-42N: 02-20E | Chemical | Total DS1 | 124 litres | Judy | Misalignment of inspirer trip tank valves. |
| UKCS/317 | 25-Jun | 53-50N: 00-28E | Oil | Diesel | 3.9 litres | 47/3B Platform | Spillage during supply line replacement. |
| UKCS/320 | 25-Jun | 59-21N: 01-33E | Oil | Base oil | 3 litres | NTVL | Base oil contamination of cooling water. |
| UKCS/321 | 25-Jun | 58-03N: 01-08E | Oil | Crude | Nk | Britannia | Produced Water System malfunction. |
| *UKCS/1193 | 25-Jun | 56-43N: 01-18E | Oil | Nk | 0.5 litres | Maersk Curlew | Hose drained into bund overflow pipe. |
| *UKCS/1194 | 25-Jun | 59-21N: 01-33E | Oil | Diesel | 16 litres | NTVL (Gryphon) | Drop out from flare. |
| UKCS/322 | 26-Jun | 57-27N: 01-23E | Oil | Oily water | 300 litres | Montrose Alpha | Malfunction with flotation cell overboard dump line. |
| UKCS/324 | 26-Jun | 56-44N: 01-19E | Oil | Crude | 0.5 litres | Maersk Curlew | Spillage during hose drainage operation. |
| *UKCS/1195 | 27-Jun | 58-52N: 01-31E | Chemical | EC6284A | 10kg | East Brae | Drainage System malfunction. |
| UKCS/325 | 28-Jun | 57-17N: 02-11E | Oil | Lubrication | 0.1 litres | Lomond | Oil from deck in drain sump washed out. |
| UKCS/328 | 29-Jun | 56-24N: 02-15E | Oil | Diesel | 390 litres | Janice Alpha | Bunkering hose developed a leak. |

| | | | | | | | |
|------------|---------|----------------|----------|----------------|--------------|--------------------|--|
| UKCS/329 | 30-Jun | 58-19N: 00-42E | Oil | Crude | 100 litres | North Sea Producer | Spray leakage from VJ coupling. |
| UKCS/389 | 01-Jul | 60-51N: 01-28E | Oil | Crude | 30 litres | Ninian Central | Produced Water System malfunction. |
| UKCS/390 | 01-Jul | 57-27N: 01-23E | Oil | Oily water | 300 litres | Montrose Alpha | Drains caisson pump fault. |
| UKCS/392 | 01-Jul | 61-06N: 01-43E | Oil | Waste oil | 0.1 litres | Brent Charlie | Drains tank overflow of dirty water. |
| UKCS/1803 | 02-Jul | 57-27N: 01-23E | Chemical | Mineral OBM | 0.1 litres | Montrose Alpha | Bunkering operations diesel leak. |
| UKCS/394 | 02-Jul | 57-11N: 01-00E | Oil | Crude | 2 litres | Gannet | Leak from production flexible. |
| UKCS/396 | 02-Jul | 58-29N: 01-16E | Oil | Hydraulic | 50 litres | Tiffany | Leakage during maintenance operation. |
| UKCS/398 | 03-Jul | 58-19N: 00-42E | Oil | Crude | 100 litres | North Sea Producer | Leakage from supper bung. |
| UKCS/399 | 03-Jul | 57-27N: 01-23E | Oil | Waste oil | 300 litres | Montrose Alpha | Drains caisson pump fault. |
| UKCS/403 | 04-Jul | 58-25N: 00-19W | Oil | Diesel | 600 litres | Claymore Alpha | Problem with drainage system. |
| UKCS/1804 | 04-Jul | 53-33N: 01-47E | Chemical | Oil-based mud | 0.005 litres | GSF Monarch | Under balanced drilling process package. |
| UKCS/404 | 04-Jul | 56-24N: 02-04E | Oil | Diesel | 30 litres | Auk Alpha | Hole in supply line. |
| UKCS/405 | 04-Jul | 58-03N: 01-05E | Oil | Diesel | 160 litres | Alba North | Hose became loose. |
| UKCS/406 | 04-Jul | 57-27N: 01-23E | Oil | Diesel | 400 litres | Montrose Alpha | Caisson pump failure. |
| UKCS/409 | 05-Jul | 57-27N: 01-23E | Oil | Crude | 166 litres | Montrose Alpha | Drains caisson overflow. |
| UKCS/410 | 05-Jul | 57-17N: 02-11E | Oil | Lubrication | 1 litre | Lomond | Pump failure. |
| UKCS/413 | 07-Jul | 57-27N: 01-23E | Chemical | Oil-based mud | 100 litres | Montrose Alpha | Pump inadvertently drained. |
| UKCS/416 | 07-Jul | 56-24N: 02-04E | Oil | Crude | Nk | Auk Alpha | Produced Water System malfunction. |
| UKCS/418 | 08-Jul | 57-20N: 01-23E | Oil | Waste oil | 166 litres | Montrose Alpha | Oil from drains caisson. |
| UKCS/419 | 09-Jul | 53-23N: 02-00E | Oil | Waste oil | 0.2 litres | Loggs PR | Spill from open drains tank. |
| UKCS/420 | 10-Jul | 53-59N: 00-47E | Oil | Hydraulic | 100 litres | Neptune Field | Chaffing of braided hose. |
| *UKCS/1246 | 10-Jul | 57-46N: 01-05E | Oil | Crude | 25 litres | GSF Galaxy 1 | Flare boom pipework discharge. |
| UKCS/421 | 10-Jul | 56-26N: 02-32E | Chemical | Oil-based mud | 100 litres | Ocean Nomad | Leaking diverter seal. |
| *UKCS/1199 | 10-Jul | 57-17N: 01-39W | Chemical | MEG | 2kg | Trent | LP Vent Stack. |
| UKCS/425 | 12-Jul | 61-03N: 01-43E | Oil | Diesel | 1 litre | Brent Bravo | Leakage from pinhole leaks. |
| UKCS/428 | 13-Jul | 53-57N: 00-35E | Chemical | Oceanic HW 540 | 100 litres | Minerva Platform | Gasket failure. |
| *UKCS/1202 | 13-Jul | 56-27N: 02-17E | Oil | Nk | 117 litres | Clyde | Unknown. |
| UKCS/433 | 15-Jul | 61-06N: 01-45E | Oil | Diesel | 10 litres | Cormorant Alpha | Hose failure. |
| *UKCS/1204 | 15-Jul | 56-24N: 02-15E | Oil | Produced oil | 2.3 litres | Janice Alpha | Flow Line tie-in at Xmas tree. |
| *UKCS/1200 | Mid Jul | 52-02N: 01-06E | Chemical | Oceanic HW 540 | 1.5kg | Ravenspurn North | Leak on hydraulic control system. |

| | | | | | | | |
|------------|--------|----------------|----------|------------------|-------------|------------------|--|
| UKCS/437 | 16-Jul | 58-25N: 00-19W | Oil | Diesel | 120 litres | Claymore Alpha | Fire pump fuel tank overflow. |
| UKCS/439 | 16-Jul | 57-01N: 01-57E | Oil | Crude | 1 litre | Shearwater | Produced Water System malfunction. |
| *UKCS/1207 | 17-Jul | 60-49N: 01-44E | Oil | Nk | 496 litres | Alwyn North | Drainage System malfunction. |
| UKCS/444 | 18-Jul | 58-07N: 03-05W | Oil | Crude | Nk | Beatrice Alpha | Produced Water System malfunction. |
| UKCS/447 | 20-Jul | 61-02N: 01-49E | Oil | Crude | 8 litres | Brent Alpha | Overflow from drains interceptor tank. |
| UKCS/453 | 23-Jul | 57-40N: 01-09E | Oil | Crude | 12 litres | Nelson | Produced Water System malfunction. |
| UKCS/454 | 23-Jul | 58-29N: 00-31E | Oil | Crude | 1.8 tonnes | Sedco 712 | Faulty valve on relief line. |
| UKCS/455 | 23-Jul | 58-29N: 00-31E | Oil | Crude | 400 litres | Sedco 712 | Loss of ignition on boom burner head. |
| UKCS/456 | 23-Jul | 57-44N: 00-51E | Oil | Diesel | 6 litres | Forties Charlie | Flange failure. |
| *UKCS/1208 | 23-Jul | 60-49N: 01-44E | Oil | Lubrication | 1.1 litre | Alwyn North | Gas compressor lube tank overfill. |
| UKCS/459 | 24-Jul | 56-30N: 02-09E | Oil | Crude | 2 litres | Fulmar Alpha | Overflow from wax catchment tray. |
| UKCS/463 | 24-Jul | 58-09N: 03-01W | Chemical | Silicone | 10 litres | Beatrice Bravo | Transformer leakage due to corrosion. |
| UKCS/464 | 25-Jul | 58-18N: 01-46W | Oil | Crude | Nk | Captain WPP | Discharge from vent point on sub-sea module. |
| UKCS/467 | 26-Jul | 56-26N: 02-32E | Chemical | Stack Magic 200F | 5 litres | Ocean Nomad | Leaking diverter seal. |
| UKCS/468 | 26-Jul | 60-54N: 01-25E | Oil | Diesel | 40 litres | Ninian Northern | Spillage from generator. |
| *UKCS/1210 | 26-Jul | 54-00N: 03-46W | Chemical | Oceanic HW 540 | 2.4 tonnes | Millom East | Hydraulic supply system. |
| UKCS/469 | 27-Jul | 58-03N: 01-08E | Oil | Crude | 0.04 litres | Britannia | Minor leak from drain vent line. |
| UKCS/470 | 27-Jul | 56-27N: 02-17E | Oil | Crude | 5 litres | Clyde | Overflow from cellar deck sump tank. |
| UKCS/472 | 28-Jul | 57-46N: 01-05E | Oil | Crude | 333 litres | GSF Galaxy 1 | Drop out from flare. |
| UKCS/1805 | 28-Jul | 53-05N: 02-32E | Oil | Crude | Nk | Thames | Produced Water System malfunction. |
| UKCS/476 | 28-Jul | 59-17N: 01-31E | Oil | Lubrication | 15 litres | Harding | Damaged pump sight glass. |
| UKCS/477 | 28-Jul | 57-46N: 01-05E | Oil | Crude | 30 litres | GSF Galaxy 1 | Produced Water System malfunction. |
| UKCS/480 | 29-Jul | 53-00N: 01-51E | Oil | Hydraulic | 65 litres | 52/5A Platform | Pipe parted from process control valve. |
| UKCS/481 | 29-Jul | 57-27N: 01-23E | Oil | Crude | 270 litres | Montrose Alpha | Seal leak from booster pump. |
| UKCS/483 | 30-Jul | 54-02N: 00-44E | Oil | Lubrication | 3 litres | Cleeton Platform | Blow back in air compressor. |
| UKCS/485 | 30-Jul | 58-18N: 01-46W | Oil | Crude | 50 litres | Captain WPP | Produced Water System malfunction. |
| UKCS/486 | 30-Jul | 57-46N: 01-05E | Oil | Crude | 30 litres | GSF Galaxy 1 | Flare boom pipework discharge. |
| *UKCS/1211 | 30-Jul | 54-02N: 00-44E | Oil | Lubrication | 3.3 litres | Cleeton Platform | Air compressor. |
| UKCS/488 | 31-Jul | 58-18N: 01-46W | Oil | Diesel | 3 litres | Captain WPP | Discharge from atmospheric vent. |
| UKCS/489 | 31-Jul | 58-17N: 00-12E | Oil | Crude | 25.5 litres | Scott | Produced Water System malfunction. |

| | | | | | | | |
|------------|--------|----------------|----------|-----------------|-------------|-----------------------|---|
| *UKCS/1212 | 02-Aug | 59-52N: 02.03E | Oil | Diesel | 60 litres | TP-1 | Transfer pump leak. |
| UKCS/494 | 03-Aug | 61-06N: 01-43E | Oil | Waste oil | 100 litres | Brent Charlie | Interceptor tank overflow. |
| UKCS/495 | 05-Aug | 54-03N: 01-02E | Oil | Hydraulic | 0.05 litres | ST2 43/26 | Failed seal. |
| UKCS/497 | 06-Aug | 57-27N: 01-23E | Oil | Waste oil | 200 litres | Montrose Alpha | Caisson pump transformer tripped. |
| UKCS/498 | 07-Aug | 56-11N: 02-48E | Oil | Crude | 1 litre | Subsea 7 | Build up of wax on internals system. |
| UKCS/1806 | 07-Aug | 56-11N: 02-47E | Oil | Nk | Nk | Ardmore | Loading system build up of wax. |
| *UKCS/1213 | 07-Aug | 60-38N: 01-39E | Chemical | Calcium bromide | 42.5 tonnes | Dunbar | Failure of bunkering hose. |
| UKCS/500 | 09-Aug | 60-49N: 01-44E | Chemical | Glycol | 5.25 litres | Alwyn North | Overflow to storm drain. |
| UKCS/501 | 09-Aug | 54-01N: 03-46W | Chemical | Oceanic Fluid | 1.2 tonnes | Millom East | Possible valve failure. |
| UKCS/503 | 12-Aug | 53-05N: 02-32E | Oil | Crude | Nk | Thames 49/28 Platform | Produced Water System malfunction. |
| UKCS/505 | 13-Aug | 56-26N: 02-32E | Oil | Crude | 2 litres | Ocean Nomad | Dripping hose. |
| UKCS/506 | 13-Aug | 56-44N: 01-19E | Oil | Condensate | 600 litres | Maersk Curlew | Suspect leak from drill centre. |
| *UKCS/1214 | 13-Aug | 56-26N: 02-32E | Chemical | Glycol | 2 litres | Ocean Nomad | Dripping hose. |
| UKCS/507 | 14-Aug | 57-43N: 00-45E | Oil | Engine | 0.5 litres | Unity | Leakage from air compressor. |
| UKCS/508 | 16-Aug | 53-15N: 02-01E | Oil | Hydraulic | 1.6 litres | Vulcan RD | Bursting disc on valve failed. |
| *UKCS/1215 | 16-Aug | 61-15N: 00-44E | Oil | Crude | Nk | Hudson | Production Line leak. |
| *UKCS/1247 | 17-Aug | 56-44N: 01-19E | Oil | Hydraulic | 0.8 litres | Maersk Curlew | Leaking activator on sub-sea control valve. |
| UKCS/509 | 17-Aug | 60-19N: 04-16W | Oil | Crude | Nk | Petrojarl Foinaven | Produced Water System malfunction. |
| UKCS/510 | 18-Aug | 58-17N: 00-12E | Oil | Lubrication | 510 litres | Scott | Hazardous Drains System malfunction. |
| UKCS/512 | 19-Aug | 58-11N: 00-06E | Oil | Crude | 90 litres | AH001 | Possible leak on oil export line. |
| UKCS/516 | 21-Aug | 61-03N: 01-43E | Oil | Crude | 2 litres | Brent Bravo | Inadvertent over pumping of bilge. |
| UKCS/517 | 21-Aug | 56-27N: 02-17E | Oil | Waste oil | 500 litres | Clyde | Root cause investigation underway. |
| UKCS/520 | 22-Aug | 56-27N: 02-17E | Oil | Waste oil | 500 litres | Clyde | Problems with drains separator. |
| UKCS/522 | 23-Aug | 53-03N: 02-14E | Oil | Hydraulic | 25 litres | Leman 49/27 | Pressure gauge failure. |
| UKCS/536 | 26-Aug | 61-15N: 00-44E | Oil | Crude | 74 litres | Tern Alpha | Residual oil from previous leakage. |
| *UKCS/1217 | 26-Aug | 61-15N: 00.44E | Oil | Crude | Nk | Hudson | Residual oil from previous leakage. |
| *UKCS/1218 | 27-Aug | 53.50N: 00.28E | Oil | Hydraulic | 1 litre | 47/3B Platform | Deluge system malfunction. |
| UKCS/538 | 27-Aug | 53-11N: 02-51E | Oil | Diesel | 2 litres | Sean Papa | Hose leakage at coupling. |
| UKCS/539 | 27-Aug | 60-21N: 04-04W | Oil | Diesel | 0.5 litres | Schiehallion | Spill from bunkering line. |
| UKCS/540 | 27-Aug | 57-01N: 01-50E | Chemical | EDC 99DW | 2.5 tonnes | Rowan Gorilla V | Incorrect valve alignment. |

| | | | | | | | |
|------------|--------|----------------|----------|-----------------|--------------|------------------|--|
| *UKCS/1219 | 28-Aug | 60-38N: 01.39E | Chemical | Oil-based mud | 720 litres | Sedco 706 | Discharge pump valve left open. |
| UKCS/544 | 29-Aug | 61-36N: 01-33E | Chemical | Oil-based mud | 25.7 tonnes | Ocean Guardian | Emergency disconnection following mooring failure. |
| UKCS/545 | 31-Aug | 57-22N: 00-49E | Oil | Crude | 20 litres | Anasuria | Sub-sea leakage on flowline. |
| *UKCS/1221 | 01-Sep | 57-22N: 00-49E | Oil | Crude | 600 litres | Anasuria | Sub-sea flowlines leak. |
| UKCS/1808 | 01-Sep | 58-17N: 00-12E | Chemical | Corrtreat 753 | 3700 kg | Scott | Cooling medium heat exchanger leak. |
| UKCS/546 | 02-Sep | 53-27N: 02-20E | Oil | Fuel | 30 litres | Viking Bravo | Ruptured hose during bunkering operation. |
| UKCS/547 | 02-Sep | 57-22N: 00-49E | Oil | Crude | 200 litres | Anasuria | Sub-sea leakage on flexible flow lines. |
| *UKCS/1222 | 03-Sep | 58-18N: 01-46W | Chemical | Oceanic HW540 | 66.1tonnes | Captain | Hydraulic control system leak. |
| UKCS/548 | 04-Sep | 57-22N: 00-49E | Oil | Crude | 50 litres | Anasuria | Sub-sea leakage on flexible flow lines. |
| *UKCS/1223 | 05-Sep | 57-22N: 00-49E | Oil | Crude | 20 litres | Anasuria | Sub-sea flowlines leak. |
| UKCS/553 | 12-Sep | 57-11N: 00-11E | Chemical | DF 1 | 10 litres | Ocean Princess | Overfilled drip tray. |
| UKCS/554 | 13-Sep | 60-21N: 04-04W | Oil | Crude | 200 litres | Schiehallion | Pump seal failure. |
| UKCS/359 | 14-Sep | 53-51N: 03-35W | Oil | Diesel | 113 litres | CPC1 A Complex | Coupling on bunkering hose failed. |
| UKCS/557 | 15-Sep | 53-28N: 01-44E | Oil | Waste oil | 20 litres | Clipper Platform | Drum flooded and contents overboard. |
| UKCS/1809 | 17-Sep | 58-03N: 01-05E | Chemical | Enviromul OBM | 0.007 litres | Alba North | Mud bunkering system failure. |
| UKCS/360 | 17-Sep | 53-37N: 03-10W | Chemical | Sodium bromide | 8.1 tonnes | Ensko 85 | Valve left open during transfer operation. |
| UKCS/560 | 17-Sep | 57-01N: 01-50E | Oil | Hydraulic | 50 litres | Elgin PUQ | Burst pipe. |
| UKCS/562 | 17-Sep | 57-10N: 00-59E | Oil | Crude | 5 litres | Gannet C | Leakage from sub-sea flange. |
| UKCS/564 | 19-Sep | 57-11N: 01-00E | Oil | Crude | 8 litres | Gannet Alpha | Seal failure on flow control. |
| *UKCS/1224 | 19-Sep | 53-34N: 01.38E | Oil | Hydraulic | 100 litres | Barque PL | Failure of seals. |
| UKCS/565 | 20-Sep | 58-11N: 00-06E | Chemical | Therminol SP | 87 litres | AH001 | Leakage from generator supply line. |
| UKCS/566 | 21-Sep | 61-21N: 01-10E | Oil | Crude | 600 litres | Eider Alpha | Hazardous drains caisson discharge. |
| UKCS/567 | 22-Sep | 54-12N: 02-27E | Oil | Hydraulic | 80 litres | CM Platform | Leakage on 3-way supply block. |
| UKCS/569 | 23-Sep | 58-16N: 01-25W | Oil | Hydraulic | 4.5 litres | Ocean Nomad | Burst hose. |
| UKCS/570 | 24-Sep | 61-06N: 01-45E | Chemical | Oil-based mud | 100 litres | Cormorant Alpha | Shale shaker electrical malfunction. |
| UKCS/571 | 24-Sep | 58-17N: 01-18W | Oil | Crude | 5.4 litres | Captain BLP | In-line filter blockage causing overflow. |
| UKCS/575 | 26-Sep | 57-11N: 01-00E | Chemical | Solvent RX-05BD | 12 tonnes | Gannet Alpha | Spillage from fractured drain line. |
| *UKCS/1225 | 27-Sep | 61-06N: 01-45E | Oil | Crude | 430 litres | Cormorant Alpha | Production Choke leak. |
| UKCS/609 | 29-Sep | 54-02N: 00-44E | Oil | Hydraulic | 330 litres | Villages Field | Sub-sea leakage on hydraulic control line. |
| *UKCS/1226 | 30-Sep | 58-25N: 00-19W | Oil | Crude | 50 litres | Claymore Alpha | Hazardous drains discharge. |

| | | | | | | | |
|------------|--------|----------------|----------|-----------------|-------------|-----------------------|---|
| *UKCS/1227 | 01-Oct | 54-02N: 01-06E | Chemical | Oceanic HW 540 | 1.5 tonnes | Ravenspur North | Hydraulic control system leak. |
| *UKCS/1228 | 02-Oct | 58-18N: 01-46W | Oil | Crude | 6.5 litres | Captain | Platform drains tank leak. |
| UKCS/613 | 04-Oct | 53-25N: 02-23E | Oil | Diesel | 8 litres | CD Platform | Overfilling of storage tank. |
| UKCS/616 | 04-Oct | 60-54N: 01-25E | Oil | Crude | 17.4 tonnes | Ninian Northern | Oily Water Caisson malfunction. |
| UKCS/619 | 07-Oct | 53-20N: 02-38E | Chemical | A15W40 | 40 litres | Indefatigable Field | Leak from generator set. |
| *UKCS/1229 | 09-Oct | 58-11N: 00-06E | Chemical | Oceanic HW 540 | 3.3 tonnes | AH001 | Hydraulic control system leak. |
| UKCS/620 | 10-Oct | 60-48N: 01-02E | Chemical | Hydraulic Fluid | 550 litres | Ninian Southern | Suspected leakage at wellhead. |
| UKCS/622 | 11-Oct | 58-48N: 01-22E | Oil | Diesel | 12.2 litres | Brae Bravo | Seal failure. |
| UKCS/623 | 12-Oct | 59-22N: 01-34E | Chemical | Hydraulic Fluid | 3.02 tonnes | Gryphon Alpha | Sub-sea leakage over several weeks. |
| UKCS/624 | 13-Oct | 57-43N: 01-02E | Oil | Crude | 25 litres | Forties Echo | Release from top of bop stack. |
| UKCS/625 | 13-Oct | 58-14N: 01-07E | Oil | Well fluids | 30 litres | Balmoral FPV | Possible sub-sea leakage under investigation. |
| *UKCS/1230 | 13-Oct | 54-02N: 00-44E | Chemical | Oceanic HW 540 | 7.4 tonnes | Cleeton Platform | Hydraulic control system leak. |
| *UKCS/1231 | 13-Oct | 60-49N: 01-44E | Chemical | Oceanic HW 540 | 800kg | Alwyn North | Umbilical Leak. |
| *UKCS/1232 | 13-Oct | 60-48N: 01-02E | Chemical | Oceanic HW 540 | 300kg | Ninian Southern | Hydraulic control system leak. |
| UKCS/626 | 14-Oct | 53-22N: 02-34E | Oil | Diesel | 10 litres | Inde 18A 49/18A | Damaged hose during bunkering operations. |
| *UKCS/1233 | 14-Oct | 60.48N: 01.01E | Chemical | Oceanic HW540 | 100kg | Lyell Subsea Template | Hydraulic control system leak. |
| UKCS/627 | 15-Oct | 58-29N: 01-16E | Chemical | Oil-based-mud | 50 litres | Tiffany | Drilling riser not properly drained. |
| *UKCS/1234 | 16-Oct | 60-49N: 01-44E | Chemical | Oceanic HW 540 | 1.2 tonnes | Alwyn North | Umbilical leak. |
| UKCS/629 | 16-Oct | 57-01N: 01-57E | Oil | Crude | 20 litres | Shearwater | Waste oil displaced from drains caisson. |
| UKCS/630 | 16-Oct | 61-24N: 01-44E | Oil | Crude | 800 litres | Murchison | Gasket failure at loose flanged point joint. |
| UKCS/631 | 18-Oct | 58-48N: 01-22E | Oil | Lubrication | 55 litres | Brae Bravo | Tank overflow. |
| UKCS/633 | 19-Oct | 60-51N: 01-28E | Oil | Diesel | 50 litres | Ninian Central | Spillage during reconfiguration work. |
| UKCS/634 | 21-Oct | 61-22N: 01-35E | Oil | Crude | 4 litres | Thistle Alpha | Spillage to sea by open deck hatch. |
| *UKCS/1235 | 25-Oct | 58-14N: 01-07E | Oil | Well fluids | 4.8 litres | Balmoral FPV | Unknown. |
| UKCS/638 | 26-Oct | 58-48N: 01-21E | Oil | Diesel | 0.03 litres | Brae Bravo | Bunkering spill. |
| UKCS/639 | 26-Oct | 61-16N: 01-36E | Oil | Crude | 1 litre | Dunlin Alpha | Source and cause under investigation. |
| UKCS/640 | 27-Oct | 56-44N: 01-18E | Oil | Diesel | 1 litre | Maersk Curlew | Leakage from service tank. |
| UKCS/641 | 27-Oct | 56-30N: 02-09E | Oil | Crude | 1.6 litres | Fulmar Alpha | Oil booster pump mechanical seal failure. |
| UKCS/643 | 30-Oct | 57-09N: 00-58E | Oil | Hydraulic | 0.5 litres | Sedco 711 | Burst hose on power unit. |
| *UKCS/1236 | 30-Oct | 61-16N: 01-36E | Oil | Nk | 0.7 litres | Dunlin Alpha | Unknown. |

| | | | | | | | |
|------------|--------|----------------|----------|----------------------|-------------|-------------------------|--|
| UKCS/644 | 31-Oct | 58-17N: 00-12E | Chemical | Oil-based mud | 400 litres | Scott | Low toxicity mud dripped from trough to skid deck. |
| UKCS/645 | 31-Oct | 54-02N: 01-06E | Oil | Hydraulic | 1.5 tonnes | Ravenspur North | Leak from sub-sea barrier valve. |
| UKCS/646 | 02-Nov | 61-03N: 01-43E | Chemical | Hydraulic | 25 litres | Brent Bravo | Fitting failed during maintenance operation. |
| UKCS/647 | 03-Nov | 57-59N: 00-11E | Chemical | DF1 | 50 litres | Ocean Princess | Multifunction relief valve vented to sea. |
| UKCS/649 | 06-Nov | 58-17N: 00-28E | Oil | Crude | 30 litres | Northern Producer | Surface water into open drains. |
| UKCS/651 | 08-Nov | 57-11N: 01-00E | Oil | Crude | 5.5 litres | Gannet Alpha | Overfilling of drain bund after valve left open. |
| UKCS/652 | 09-Nov | 59-51N: 01-52E | Oil | Diesel | 170 litres | GSF Galaxy 1 | Bunkering hose parted from vessel. |
| UKCS/654 | 10-Nov | 59-33N: 01-32E | Chemical | Oil-based mud | 120 litres | Beryl Alpha | Transfer line strobe coupling failure. |
| UKCS/657 | 12-Nov | 57-05N: 02-05E | Other | Base oil (50%) | 76 litres | GSF Arctic IV | Mud ditch in skaker overflow. |
| *UKCS/1237 | 12-Nov | 59-22N: 01-34E | Chemical | Oceanic HW 540 | Nk | Gryphon Alpha | Unknown. |
| UKCS/661 | 15-Nov | 53-24N: 02-31E | Oil | Diesel | 55 litres | Indefatigable 49/18B | Hose snagged during bunkering operation. |
| UKCS/662 | 15-Nov | 60-21N: 04-04W | Chemical | Glycol/water mixture | 500 litres | Schiehallion | Cooling medium spilt on deck. |
| UKCS/663 | 15-Nov | 57-11N: 01-00E | Oil | Crude | 3 litres | Gannet Alpha | Pinhole leak in level control valve. |
| *UKCS/1238 | 15-Nov | 54-02N: 00-44E | Chemical | Oceanic HW 540 | 2.6 tonnes | Cleeton Platform | Hydraulic control system leak. |
| UKCS/664 | 17-Nov | 61-22N: 01-35E | Oil | Crude | 1.24 tonnes | Thistle Alpha | Over-pressurising of reclaimed oil caisson. |
| *UKCS/1239 | 18-Nov | 61-06N: 01-45E | Oil | Pig Wax | Nk | Cormorant Alpha | Unplanned discharge. |
| UKCS/668 | 20-Nov | 58-15N: 00-22E | Other | Base-oil | 2 tonnes | Sedco 712 | Burst transfer hose due to blocked pipework. |
| UKCS/669 | 21-Nov | 61-16N: 01-36E | Oil | Crude | 5.1 tonnes | Dunlin Alpha | Leak from temperature sensor on flowline. |
| UKCS/671 | 22-Nov | 53-22N: 02-34E | Oil | Diesel | 300 litres | Indefatigable 18A 49/18 | Drain valve left open on storage tank. |
| UKCS/672 | 23-Nov | 58-25N: 00-21E | Oil | Diesel | 10 litres | Saltire A | Vessel filling valve left open. |
| UKCS/676 | 24-Nov | 54-02N: 01-06E | Chemical | Oceanic HW 540 | 3 tonnes | Ravenspur North | Leak on control system. |
| UKCS/677 | 24-Nov | 58-03N: 01-08E | Oil | Lubrication | 0.06 litres | Britannia | Deck and drains system run-off. |
| UKCS/678 | 25-Nov | 58-43N: 01-24E | Oil | Waste oil | 0.1 litres | Miller | Disturbance of hazardous drains caisson. |
| UKCS/680 | 25-Nov | 58-43N: 01-24E | Chemical | Oceanic HW 540 | 50 litres | Miller | Burst hose. |
| *UKCS/1250 | 28-Nov | 53-24N: 02-31E | Oil | Diesel | 20 litres | Indefatigable 49/18B | Failure of new hose connection. |
| UKCS/682 | 29-Nov | 53-17N: 02-42E | Oil | Diesel | 733 litres | Indefatigable Kilo | Leakage from temporary generation package. |
| *UKCS/1240 | 29-Nov | 57-18N: 02-18E | Chemical | Transaqua HT | 50kg | Haewene Brim | Diverter valve leak. |
| UKCS/683 | 30-Nov | 58-18N: 01-42W | Oil | Crude | Nk | Stena Spey | Crude oil entrained in water based mud. |
| UKCS/685 | 01-Dec | 60-57N: 00-56E | Oil | Diesel | 1 litre | Heather Alpha | Leak from bunkering hose. |
| UKCS/688 | 03-Dec | 58-19N: 00-44E | Oil | Crude | 1.5 litres | North Sea Producer | Leakage from bund drain. |

| | | | | | | | |
|------------|--------|----------------|----------|----------------|------------|----------------------|---|
| UKCS/689 | 03-Dec | 58-11N: 00-06E | Chemical | HW 540 | 820 litres | AH001 | Sub-sea hydraulic leak. |
| UKCS/691 | 05-Dec | 57-05N: 02-05E | Chemical | Base-oil | 91 litres | GSF Arctic IV | Diverter indicator fault on shaker valve. |
| UKCS/693 | 06-Dec | 57-08N: 00-57E | Oil | Hydraulic | 4 litres | GSF Arctic 3 | Rov thruster control unit vibrated loose. |
| UKCS/695 | 08-Dec | 56-23N: 00-22E | Oil | Crude | 124 litres | NTVL | Crude oil allowed to enter filtration unit. |
| UKCS/696 | 08-Dec | 61-06N: 01-45E | Chemical | Methanol | 720 litres | Cormorant Alpha | Pump bund overflowed. |
| UKCS/697 | 09-Dec | 60-42N: 02-33W | Oil | Hydraulic | 80 litres | Clair | Damage to oil line hose fitting on drill floor. |
| UKCS/698 | 10-Dec | 60-42N: 02-33W | Oil | Crude | 5.9 litres | Clair | Drain system tank overflow. |
| UKCS/699 | 10-Dec | 54-18N: 01-40E | Oil | Diesel | 30 litres | Trent 43/24 | Split in hose during bunkering operation. |
| UKCS/702 | 12-Dec | 58-15N: 01-14E | Chemical | Versaclean | 100 litres | Ocean Nomad | Insufficient pressure on slip joint packer. |
| UKCS/704 | 12-Dec | 57-40N: 01-09E | Oil | Crude | Nk | Nelson | Produced Water System malfunction. |
| UKCS/705 | 13-Dec | 53-43N: 01-07E | Oil | Diesel | 5 litres | West Sole Bravo 48/6 | Overflow of storage tank due to faulty gauge. |
| UKCS/706 | 16-Dec | 56-27N: 02-17E | Chemical | Oil-based mud | 5 litres | Clyde | Spillage from drill pipe. |
| UKCS/708 | 18-Dec | 58-15N: 01-15E | Chemical | Versaclean | 7 tonnes | Ocean Nomad | Kill line union disconnected in heavy weather. |
| UKCS/709 | 18-Dec | 57-05N: 02-05E | Chemical | Oil-based mud | 372 litres | GSF Arctic IV | Upper packer failure during power loss. |
| UKCS/710 | 18-Dec | 56-42N: 02-30E | Oil | Diesel | 0.9 litres | GSF Rig 140 | Seepage from drip tray. |
| UKCS/714 | 22-Dec | 53-50N: 00-28E | Oil | Hydraulic | 4.5 litres | Rough | Joint failure on small bore pipe. |
| *UKCS/1241 | 25-Dec | 57.40N: 01.09E | Oil | Diesel | 5 litres | Borgholm Dolphin | Hole detected in bunkering hose. |
| *UKCS/1242 | 26-Dec | 53-24N: 01-22E | Oil | Hydraulic | 500 litres | Lancelot | Hydraulic oil leak. |
| UKCS/715 | 26-Dec | 54-16N: 02-19E | Oil | Hydraulic | 12 litres | Murdoch | Failure of hose from termination block. |
| UKCS/717 | 27-Dec | 58-25N: 00-19W | Chemical | Oceanic HW 540 | 2.3 tonnes | Claymore Alpha | Sub-sea fluid control line leakage. |
| *UKCS/1244 | 27-Dec | 58-11N: 00-06E | Oil | Crude | 1.9 tonnes | AH001 | Production pipeline leak. |
| *UKCS/1245 | 28-Dec | 58-11N: 00-06E | Oil | Crude | 0.8 litres | PL 1616 | Reported Atlantic 405. |
| UKCS/718 | 28-Dec | 58-22N: 00-04E | Oil | Crude | 33 litres | Tartan Alpha | Highlander wells slugging due to low gas lift. |
| UKCS/719 | 28-Dec | 61-08N: 01-44E | Oil | Diesel | 3 litres | Brent Delta | Emergency generator tank overflow. |
| UKCS/720 | 28-Dec | 61-22N: 01-35E | Oil | Crude | 48 litres | Thistle Alpha | Produced Water System malfunction. |

| 12: UKCS VESSEL DISCHARGES (*Incident not identified by a POLREP) | | | | | | | |
|--|-------------|-----------------|-----------------|---------------------|---------------|---------------------|---|
| Reference | Date | Location | Category | Type | Amount | Source | Comments |
| *UKCS/1167 | 25-Feb | 56-43N: 01-18E | Oil | Nk | Nk | Unidentified vessel | Reported by Maersk Curlew installation. |
| *UKCS/091 | 26-Feb | 60-20N: 04-02W | Oil | Hydraulic | 9 litres | Mv Seaway Patrel | Leak from ROV thruster. |
| UKCS/096 | 04-Mar | 60-51N: 01-28E | Oil | Crude | 1 litre | Unidentified vessel | Reported by Ninian Central installation. |
| UKCS/183 | 22-Apr | 61-14N: 01-09E | Oil | Crude | 90 litres | Unidentified vessel | Reported by North Cormorant installation. |
| UKCS/291 | 13-Jun | 61-17N: 01-36E | Oil | Nk | 28.7 litres | Unidentified vessel | Reported by Dunlin Alpha installation. |
| UKCS/300 | 17-Jun | 61-02N: 01-04E | Oil | Crude | Nk | Unidentified vessel | Reported by Sedco 711 installation. |
| *UKCS/1191 | 18-Jun | 58-02N: 01-18E | Oil | Nk | Nk | Unidentified vessel | Reported by Britannia installation. |
| UKCS/332 | 30-Jun | 57-23N: 01-23E | Oil | Crude | 144 litres | Unidentified vessel | Reported by Arbroath installation. |
| *UKCS/1197 | 04-Jul | 57-54N: 00-02E | Oil | Nk | Nk | Unidentified vessel | Reported by Buchan Alpha installation. |
| UKCS/407 | 04-Jul | 58-43N: 01-24E | Oil | Crude | 4.2 litres | Unidentified vessel | Reported by Miller installation. |
| *UKCS/1201 | 11-Jul | 57-42N: 01-01E | Oil | Nk | Nk | Unidentified vessel | Reported by Galaxy 3 installation. |
| UKCS/1810 | 12-Jul | 57-44N: 00-58E | Oil | Crude | Nk | Unidentified vessel | Reported during Atlantic 405 overflight. |
| UKCS/429 | 13-Jul | 56-25N: 02-20E | Oil | Crude | 610.7 litres | Unidentified vessel | Reported during Atlantic 406 overflight. |
| UKCS/438 | 16-Jul | 57-39N: 01-09E | Oil | Crude | 210 litres | Unidentified vessel | Reported by Nelson installation. |
| UKCS/1812 | 17-Jul | 60-20N: 04-02W | Oil | Nk | Nk | Unidentified vessel | Reported by Schiehallion installation |
| UKCS/561 | 17-Jul | 58-04N: 01-05E | Chemical | Oil-based mud (53%) | 0.007 litres | Msv Highland Star | Failure of bunkering connection. |
| UKCS/458 | 24-Jul | 56-27N: 02-17E | Oil | Nk | 1.8 litres | Unidentified vessel | Reported by Clyde installation. |
| UKCS/1813 | 28-Jul | 59-33N: 01-32E | Oil | Crude | Nk | Unidentified vessel | Reported by Beryl Alpha installation. |
| UKCS/385 | 20-Aug | 61-03N: 01-43E | Oil | Crude | 3.45 tonnes | Unidentified vessel | Reported by Brent Field installation. |
| UKCS/1807 | 21-Aug | 61-15N: 00-55E | Chemical | Nk | 319 litres | Unidentified vessel | Third party report from oil installation. |
| UKCS/369 | 28-Aug | 60-41N: 01-16E | Oil | Diesel | 10 tonnes | Mfv Fertile II | Vessel sank. |
| UKCS/549 | 07-Sep | 56-34N: 00-58E | Oil | Light | 1.05 tonnes | Unidentified vessel | Sample taken. |
| UKCS/618 | 05-Oct | 61-03N: 01-43E | Oil | Crude | 60 litres | Unidentified vessel | Reported by Brent Bravo installation. |
| UKCS/648 | 04-Nov | 59-16N: 00-52E | Oil | Diesel | 15.91 tonnes | Mfv Harvester | Vessel sank following collision. |
| UKCS/1814 | 21-Nov | 56-30N: 02-09E | Oil | Crude | 526 litres | Unidentified vessel | Reported during Atlantic 405 overflight. |
| UKCS/608 | 27-Dec | 58-08N: 00-12E | Oil | Diesel | 1.9 tonnes | Unidentified vessel | Slick more than 9 km in length. |

APPENDIX 2

SURVEY QUESTIONNAIRE AND ACCOMPANYING GUIDELINES

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)

6. Position or location of pollution

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

(insert details)

5. Length of time pollution remained:

At sea _____ days weeks

not known

On shore _____ days weeks

not known

(insert details and select units)

8. Length of coast affected

_____ kms

OR from: _____

to: _____

OR not known:

(insert details or select 'not known')

7. Estimated volume of pollution

_____ litres not known

m³

tonnes

(insert amount and select units)

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> |
|--|--|

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="text"/> | | Other (specify) <input type="text"/> |
| 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="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:

**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 e-mail or by post. If using e-mail please click on the boxes provided and insert other information in the spaces provided. The e-mail and postal versions of the survey form can be downloaded from the ACOPS website at **www.acops.org** (under UK surveys on the main menu). Survey reports can be downloaded from the Maritime & Coastguard Agency's website at **www.mcga.gov.uk** under Environmental (Counter Pollution & Response) on the main menu.

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 e-mail address which can be used in future surveys. |

Trevor Dixon,
Advisory Committee on Protection of the Sea,
11 Dartmouth Street,
London SW1H 9BN.
Tel: (0207) 799 3033

e-mail: tdixon01@bcuc.ac.uk

APPENDIX 3

THE OFFSHORE PETROLEUM ACTIVITIES (OIL POLLUTION PREVENTION AND CONTROL) REGULATIONS 2005 (OPPC REGULATIONS)

The OPPC Regulations introduce a more robust, effective and efficient approach to the management of oil discharges by the offshore oil and gas industry. The Regulations:

- update the definition of oil;
- introduce a system of permits replacing exemptions issued under the Prevention of Oil Pollution Act 1971; and
- introduce more wide-ranging powers for the Offshore Environmental Inspectors to monitor and investigate all oil discharges whether lawful or unlawful.

The OPPC Regulations strike a balance between the need for more effective control of the discharge of oil offshore and the requirements of the industry to provide security of energy supply. The Regulations adopt a more robust approach to avoid discharges whilst retaining the flexibility to deal with the discharges that cannot be reasonably avoided.

The introduction of the permitting regime brings forward closer management of those oil discharges, which cannot be reasonably avoided, into line with similar approaches used for other regulations, for example The Offshore Chemicals Regulations 2002.

Further information on the issue of permits and permit requirements can be found on the DTI website <http://www.og.dti.gov.uk/environment/opaoppcr.htm>.
