

APPENDIX 2

ENVIRONMENTAL LEGISLATION PERTAINING TO OIL AND GAS DEVELOPMENTS ON THE UKCS

This table lists some of the environmental regulations relating to offshore oil and gas activities in the UKCS that will be applicable to the proposed demonstrator project. The table gives an indication of the regulatory context within which the project will be executed, and the issues which inform Talisman Energy UK's planning and management of the project. Further information on this legislation may be found at <http://www.ukooaenvironmentallegislation.co.uk>

ACTIVITY	LEGISLATION / GUIDANCE
Environmental Impact Assessment	Offshore Petroleum Production and Pipelines (Assessment of Environmental Effects) Regulations 1999, (EIA)
Transboundary Environmental Impact	Convention on Environmental Impact Assessment in a Transboundary Context (The ESPOO Convention)
Licences – <i>fixed mobile installations</i>	Section 34 of Coast Protection Act 1949 , as extended by the Continental Shelf Act 1964 Petroleum Act (1998) Food and Environment Protection Act 1985
Licences – <i>pipelines</i>	Section 34 of Coast Protection Act 1949 , as extended by the Continental Shelf Act 1964 Petroleum Act (1998) Food and Environment Protection Act 1985
Discharge of oily water (drainage water)	Convention on the Protection of the Marine Environment of the North East Atlantic 1992 (OSPAR Convention) Merchant Shipping (Prevention of Oil Pollution) Regulations 1996
Discharge of oily water (drainage water)	Offshore Petroleum Activities (Oil Pollution, Prevention and Control) Regulations 2005
Selection, use and discharge of chemicals – all aqueous discharges except reservoir hydrocarbons	Offshore Chemicals Regulations (OCR) 2002 (under the Pollution Prevention and Control Act, 1999)

ACTIVITY	LEGISLATION / GUIDANCE
Cooling water	<p>The Food and Environment Protection Act (FEPA) 1985 – Deposits in Sea Exemption Order 1985</p> <p>Convention on the Protection of the Marine Environment of the North East Atlantic 1992 (OSPAR Convention)</p>
Accumulation and disposal of radioactive waste i.e. LSA scale	<p>Radioactive Substances Act 1993</p> <p>Radioactive Substances and (Phosphatic Substances, Rare Earths, etc) Exemption Order 1962</p> <p>Radioactive Substances (Substances of Low Activity) Exemption Order 1986 (as amended)</p> <p>Offshore Petroleum Activities (Oil Pollution Prevention and Control) Regulations 2005</p>
Discharge of galley/food waste	<p>Merchant Shipping (Prevention of Pollution by Garbage) Regulations 1998</p>
Discharge of sewage	<p>FEPA 1985 – Deposits in the Sea (Exemption) Order 1985</p> <p>MARPOL Annex IV Regulations for the Prevention of Pollution by Sewage from Ships)</p>
Discharge of non-oily materials	<p>FEPA 1985 – Deposits in Sea (Exemption) Order 1985</p> <p>The Merchant Shipping (Dangerous or Noxious Liquid Substances in Bulk) Regulations 1996 consolidating and repealing previous pieces of legislation and enacting MARPOL 73/78 Annex II</p>
Loss of containment in pipeline by corrosion and rupture, fracturing or as a result of a dropped object	<p>Pipeline Safety Regulations 1996 and Offshore Installations (Safety Case) Regulations 1992</p>
Movement of pipelines by natural or third party forces, e.g. fishing gear & scour	<p>Pipeline Safety Regulations 1996 and Offshore Installations (Safety Case) Regulations 1992</p>
Oil Spill Contingency Planning	<p>Merchant Shipping (Oil Pollution Preparedness and Response Convention) Regulations 1998</p> <p>The Offshore Installations (Emergency Pollution Control) Regulations 2002.</p> <p>Offshore Petroleum Activities (Oil Pollution, Prevention and Control) Regulations 2005</p>

ACTIVITY	LEGISLATION / GUIDANCE
Oil Spill Contingency Planning (<i>cont</i>)	<p>International Convention on Oil Pollution Preparedness, Response and Co-operation (OPRC Convention)</p> <p>Merchant Shipping (Salvage and Pollution) Act 1994</p>
Emergency procedures for installations	<p>Offshore Installations (Prevention of Fire and Explosion and Emergency Response) Regulations 1995 PFEER</p>
Disposal of garbage and operational waste	<p>Merchant Shipping (Prevention of Pollution by Garbage) Regulations 1998</p> <p>Environmental Protection Act 1990 and Special Waste Regulations 1996</p>
Discharges of rig bilge tanks	<p>MARPOL 73/78 (93 Amended)</p>
Dropped objects (e.g. equipment, chemical drums, drill pipe or casings)	<p>FEPA 1985 – Deposits in the Sea (Exemption) Order 1985</p>
Carriage of dangerous substances at sea	<p>MARPOL Annex III – International Marine Dangerous Goods Code (IMDG)</p> <p>Merchant Shipping (Dangerous Goods and Marine Pollutants) Regulations 1997</p> <p>Chemical (Hazard Information and Packaging) Regulations 2002</p> <p>Merchant Shipping Notice 1741 Reporting Requirements for Ships Carrying Dangerous or Polluting Goods</p>
General	<p>Air Quality Regulations (2000)</p> <p>Global Warming Treaty and the Convention on Long-Range Transboundary Air Pollution</p> <p>UNECE Convention and Protocol on Transboundary Air Pollution and UN Framework Convention on Climate Change</p>
Turbine and other exhaust emissions from plant	<p>The Offshore Combustion Installations (Prevention and Control of Pollution) Regulations 2001 (PPC)</p>
Waste management and transfer of waste from the platform to the supply base	<p>International Convention for the Prevention of Pollution from Ships (MARPOL) 1973, as amended</p> <p>Petroleum Operations Notice 2</p> <p>Environmental Protection Act 1990 and Environmental Protection (Duty of Care) Regulations 1991</p>

ACTIVITY	LEGISLATION / GUIDANCE
Waste management and transfer of waste from the platform to the supply base	<p><i>Controlled Waste Regulations 1992 (as amended)</i></p> <p><i>Special Waste Regulations 1996</i></p> <p>Merchant Shipping and Maritime Security Act 1997</p>
Special waste	<p>Environment Protection Act 1990 as amended</p> <p>Environment Protection (Duty of Care) Regulations 1991</p> <p>Controlled Waste Regulations 1992 (as amended)</p> <p>Special Waste Regulations 1996 (as amended)</p> <p>The Special Waste (Amendment) Regulations 2001</p> <p>The Control of Pollution (Special Waste) Regulations 1996 and amendment regulations 1996</p>
Transfer of oily residues and mixtures to shore	<p>Prevention of Oil Pollution (Reception Facilities) Order 1994</p>
Conservation of habitats	<p>Offshore Petroleum Activities (Conservation of Habitats) Regulations 2001</p> <p><i>Habitats Directive 92/43/EC</i></p> <p><i>Wild Birds Directive 79/409/EEC</i></p> <p>The Conservation (Natural Habitats, etc.) Regulations 1994 and the Conservation (Natural Habitats, etc.) Regulations Northern Ireland 1995</p>
Access to information	<p>EC Directive 2003/4/EC on public access to information</p> <p>Environmental Information Regulations 2004 (SI 2004/3391)</p> <p>Environmental Information (Scotland) Regulations 2004 (SSI 2004/520)</p>
Environmental management systems (EMS)	<p>OSPAR Recommendation 2003/5 to promote the use and implementation of Environmental Management Systems by the Offshore Industry</p> <p>BS EN ISO14001: 2004 Environmental Management Systems</p> <p>European Eco-Management and Audit Scheme (EMAS)</p>

ACTIVITY	LEGISLATION / GUIDANCE
DECOMMISSIONING	
Fixed Installations	<p>Petroleum Act 1998</p> <p>Offshore Chemicals Regulations 2002</p> <p>Offshore Petroleum Activities (Conservation of Habitats) Regulations 2001</p> <p>OSPAR Decision 98/3</p> <p>Environmental Protection 1990 (EPA) Part 2 Duty of Care</p> <p>Food and Environment Protection Act 1985</p> <p>Radioactive Substances Act 1993</p> <p>Prevention of Oil Pollution Act 1971 (currently being replaced)</p>
Pipelines	<p>Petroleum Act 1998</p> <p>Offshore Chemicals Regulations 2002</p> <p>Offshore Petroleum Activities (Conservation of Habitats) Regulations 2001</p> <p>OSPAR Decision 98/3</p> <p>Environmental Protection 1990 (EPA) Part 2 Duty of Care</p> <p>Food and Environment Protection Act 1985</p> <p>Radioactive Substances Act 1993</p> <p>Prevention of Oil Pollution Act 1971 (currently being replaced)</p>

