



INTRODUCTION

THE PORT

The Port of Peterhead is the most easterly deep-water harbour on the Scottish mainland and lies close to the oil and gas fields of the Northern and Central North Sea. The harbour consists of Peterhead Bay, a natural inlet protected from the sea by two breakwaters, and the inner harbour that consists of a series of harbours and basins that provide facilities for the North Sea fishing industry.

Peterhead is one of Europe's largest fishing ports. The inner harbour provides modern facilities to handle all aspects of the industry. Facilities include the Port Henry Marina providing 48 berthing spaces for small commercial fishing vessels, a temperature controlled fish market, an overflow market, a slipway that can accommodate four fishing vessels, a commercial marina, a ship-lift that can handle two vessels, a drydock and a maintenance workshop. Additional external facilities to the Peterhead Port Authority include two ice factories, net repair facilities, fish box provision, freshwater and fuel.

Comprehensive engineering, repair and maintenance facilities including fish processing factories located at Keith Inch, Albert Quay and the Smith Embankment. Albert Quay also handles bulk shipments of agricultural products, frozen fish and a broad

range of other commodities. Norsea Group UK Ltd. operate an oil industry service and logistics base from Smith Quay at the mouth to the inner harbour. Within Peterhead Bay ASCO (UK) Ltd operate two oil service bases that provide facilities for the North Sea oil and gas industry. The North Base consists of 2400 m² of land space hosting storage and warehousing. The North Base Jetty is a 2-berth open pile jetty and the North Breakwater provides a further three berths that are protected by a wave-wall on the offshore side. The South Base consists of the South Breakwater (4 berths), the ASCO Quay (five berths) and the Princess Royal Jetty (three berths).

The Tanker Jetty is located close to the South Breakwater and was built to import fuel to the nearby Peterhead Power Station. The Jetty is designed to accommodate tankers up to 50,000 dwt but is also used for offshore industry vessels, cruise liners and jack-up oil rigs. Peterhead Bay Marina is situated in the south-west of the bay and provides pontoon berthing for 150 leisure craft. The Marina is protected by two rubble mound breakwaters.



PETERHEAD INNER HARBOUR



PETERHEAD BAY

ENVIRONMENTAL POLICY

Peterhead Port Authority recognises its environmental responsibilities and shall actively work to minimise pollution and the effects of its activities on the environment. As part of this undertaking, in relation to the activities and operations within the physical limits of the port, we are committed to: -

- Continual improvement of our environmental habitat.
- Prevention of pollution with due regard for nature conservation.
- Comply with environmental good practice and legislative guidelines.
- Provide a framework for setting and monitoring environmental objectives, with provision for regular review making the results available in our annual report.
- Implementing a training program for our staff in order to raise awareness of environmental issues and enlist their support in improving the organisations performance

Furthermore: -

- Periodically revise our environmental policy, and ensure compliance with best practice and current legislation.
- Co-operate with stakeholders, authorities and other participants to fulfil our environmental objectives.
- Consult with the local community and relevant organisations on their environmental programs.
- Use resources as efficiently as possible, encouraging staff and contractors to do likewise and consider the environment sympathetically.
- Work to prevent environmental incidents and maintain preparedness response to reduce any adverse effects that may occur there from.
- Work to reduce our carbon footprint and improve the sustainability of our environment
- Ensure that the necessary resources are made available to implement and maintain this policy.

EXISTING RESOURCES

ESPO/ECOPORTS

Peterhead Port Authority are network partners of the ESPO/EcoPorts Foundation. The ESPO/Ecoports foundation offer support, guidance and consultation on environmental issues and legislation. They are the awarding body for the Ports Environmental Review (PERS) certificate in which the port successfully achieved re-certification in January 2016. This placed the port in the prestigious position of being the only port in Scotland currently accredited with PERS Certification.

OIL SPILL POLLUTION PLANS

Oil Spill Contingency Plans have been prepared by the Authority in accordance with the Merchant Shipping (Oil Pollution Preparedness Response and Co-operation Convention) Regulations 1998. The aim of the Plan is to set out the arrangements for dealing efficiently with the consequences of oil pollution which might affect the Port.

WASTE MANAGEMENT PLAN

The Port Waste Management Plan is updated every three years with amendments being forwarded to the MCA. The plan is lodged with the Marine Department and reviewed by the Harbour Master.

ENVIRONMENTAL IMPROVEMENTS 2017

- The new Greenhill Fish- market build has the following environmental advantages: Energy efficiency has been improved by insulating the floor minimizing energy loss. The walls have a decreased U-value minimizing energy loss. The refrigeration plant is electrically efficient and uses a small charge of a non- toxic refrigerant. A solar panel array can produce up to 83Kw of electric power which is sufficient to power the refrigeration plant at the fish-market under certain conditions.
- A Rope Skimmer has been added to the ports oil spill response equipment. 'Oil Spill Response' training has continued to remain current and valid with a dedicated response team established.
- Welfare facilities have now been installed at the established waste & recycle compound providing a dedicated workforce on site and reducing travel time.
- There is a running programme of replacing all Harbour lighting with LED alternatives as required.
- Four extra shoreside electrical boxes have been installed at West Boom Jetty increasing the electrical shore services to our marine vessels.

ENVIRONMENTAL PERFORMANCE INDICATORS 2017

Performance indicators related to effects

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| Maintenance dredging 2017 | 0 |
| Capital dredging 2017 | 125,000 tons |
| Percentage used as landfill 2017 | 100% used as land reclamation as part of port development |
| Percentage contaminated 2017 | 0% contamination (where relevant, testing & Disposal license provided by Marine Scotland) |
| Port Contaminated Waste Water Quantity & Specialist Disposal Cost 2017 | 50.1 tons £12,042.00 |
| Waste Skip Collections 2017 | 206 skips |
| Dry bulk (grain) tonnage 2017 | 0 tons |
| Carbon Footprint calculation for 2017 | 1201.64 tons of CO ₂ emissions |

Performance indicators related to effort

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|---|---|
| Date of planned re-accreditation of PERS | January 2018 |
| Implementation, monitoring & review of Port Environment management system | September 2017 |
| Environmental Improvements | Insulation and solar energy panel efficiency established at new fish market, non-toxic properties of new refrigeration system. Fixed welfare provisions established at waste and recycle hub. |

Performance indicators related to quality

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| Harbour and Bay water quality | Harbour water and sediment samples are provided to the Scottish Environmental Protection Agency (SEPA) on an annual basis. No reports on contamination levels exceeding the accepted levels have been received to date. Scottish Water analyse the Bay water on a monthly basis where the Port Authority would be informed if concerns were to arise. |
| Shiplift (Air quality) | Ship repair area enclosed and fitted with air quality sensors identifying toxic atmospheres. (No hazardous atmosphere emergencies to date) |