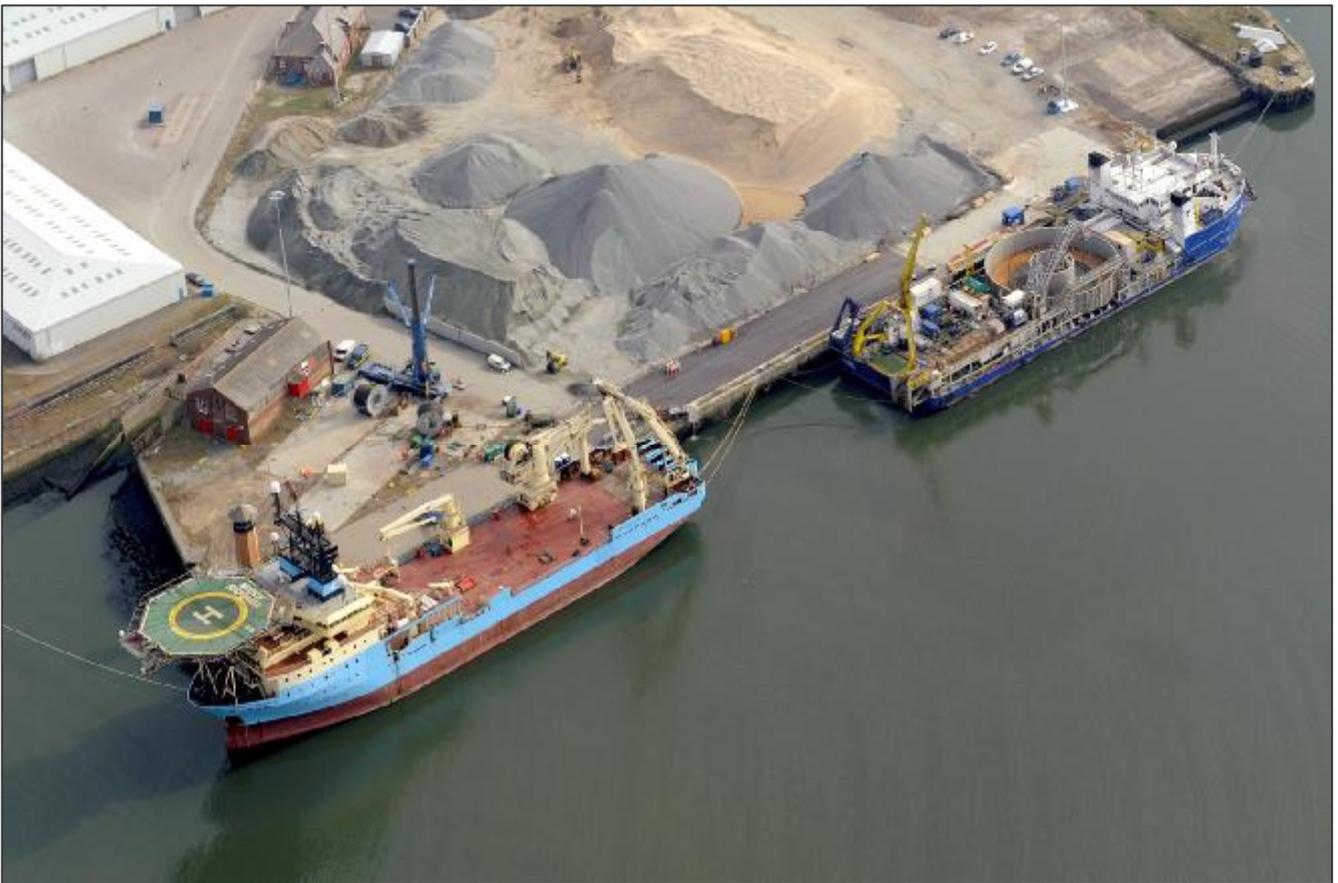


# Waste Management Plan



Approved by the Maritime and Coastguard Agency, 15/11/2012



## DISTRIBUTION LIST

The following organisations and individuals have received a copy of this version of the Port of Sunderland Waste Management Plan. All copies are electronic, with hard copies also being supplied where marked (\*). A copy is also available for download on the Port of Sunderland website at: [www.portofsunderland.org.uk](http://www.portofsunderland.org.uk) (link to: Port Regulation and Contingency Planning).

Organisation	Number of Copies
<b>Port of Sunderland</b>	
Port Director	1
Harbour Master	1*
Pilots / Deputy Harbour Masters	1*
Marine Services Manager & PFSO	1*
Local Port Services (LPS), Port Control	1*
<b>Local Authorities and Agencies</b>	
Marine Management Organisation (MMO)	1
Environment Agency (EA)	1
Maritime Coastguard Agency (Tyne)	1
Department for Environment, Food & Rural Affairs (DEFRA)	1
Sunderland City Council (Port Health)	1
Sunderland City Council (Resilience Team)	1
<b>Shipping Agents</b>	
Amundsen & Smith Ltd	1
ASCO Marine Ltd (incorporating Seletar)	1
Casper Shipping Ltd	1
Clarksons	1
Cory Brothers	1
DAN Shipping & Chartering Ltd	1
Denholm Wilhelmsen Ltd	1
GAC Shipping (UK) Ltd	1
Gillie & Blair Ltd	1
GP Shipping	1
Inchcape Shipping Services (UK) Ltd	1
LV Shipping Ltd	1
NSA UK Limited	1
Odin Shipping Ltd	1
Offshore & Heavylift Services	1
Royal Navy (Regional Naval Office)	1
Thos E Kettlewell & Son Ltd	1
Uniconnection Shipping Ltd	1
Union Transport (Newcastle) Ltd	1
<b>Berth Operators and other Port Users</b>	
Liebherr Sunderland Works Ltd	1
AJ Woods Engineering	1
North European Marine Services (NEMS)	1

UK Docks (Wear Dock & Engineering Co)	1
Northumbrian Roads Ltd	1
Holystone Ltd	1
Pallion Engineering Ltd	1
Northumbrian Water plc	1
Tradebe Solvent Recycling	1
Sunderland Fish Quay	1
Sunderland Foyboatmen's Association	1
<b>Towage Companies</b>	
Osprey Shipping Ltd	1
Svitzer Marine Ltd	1
<b>Small Craft Facilities</b>	
Deptford Boat Club	1
Marine Activity Centre - North Dock	1
Sunderland Yacht Club	1
Wear Boating Association	1
<b>Waste Disposal Contractors</b>	
SITA UK Ltd	1

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## SECTION ONE

### 1.0 INTRODUCTION

1.1 The Port of Sunderland Waste Management Plan has been prepared in accordance with the provisions of the Merchant Shipping and Fishing Vessels (Port Waste Reception Facilities) Regulations 2003 [SI 2003 No 1809] and the Merchant Shipping and Fishing Vessels (Port Waste Reception Facilities) (Amendment) Regulations 2009 [SI 2009 No 1176].

### 1.2 Consultation

Formal consultation has been undertaken with potential port users, berth operators, shipping agencies, fishing fleet and leisure craft representatives; together with Sunderland City Council as Port Health Authority and the Environment Agency as Waste Regulation Authority. Regular liaison with all shipping agents provides a platform for ongoing consultation over waste management issues.

### 1.3 Aims of the plan

This Waste Management Plan is intended to provide adequate waste reception facilities, at a reasonable cost, which do not cause undue delay to ships and thereby provide an incentive for ship owners to use those facilities rather than discharge waste at sea.

### 1.4 Objectives

- § to ensure the needs of potential users and waste regulator are accommodated;
- § to monitor usage, identify deficiencies, improve provision where necessary and encourage the use of those facilities;
- § to facilitate the regular disposal of ships' waste in an environmentally correct manner; and
- § to enhance communication between the providers and users of the port waste reception facilities.

### 1.5 Enforcing agencies

The plan will be monitored and periodically tested by representatives of the Maritime & Coastguard Agency (MCA) to determine the adequacy of the facilities provided. The MCA is responsible for implementation of the MARPOL Convention for the UK.

Those elements of this Plan, relating to handling and disposal of third country catering waste will be monitored by DEFRA (the Department of Environment, Food and Rural Affairs). DEFRA staff will evaluate compliance with the Products of Animal Origin (Third Country Imports) (England) Regulations 2003, as amended and the Animals By-Products Regulations 2005.

## 1.6 Summary

The responsibility for the implementation, review, keeping of records and updating of the Waste Management Plan in the Port of Sunderland lies with the Harbour Master, supported by his deputies. This plan illustrates the facilities that are available in the port.

## 1.7 Statutory duty

This plan fulfils the statutory duty vested in the Port of Sunderland to provide waste reception facilities which are consistent with the MARPOL requirements (Prevention of Pollution from Ships) (MARPOL 73/78), and relevant EU Directives. The plan also takes into account the requirements of the revised MARPOL Annex V, which came into force on 1st January, 2013.

## 1.8 Applicability

This Plan has been revised in September, 2012 and will be mandatorily reviewed at two-yearly intervals, or at any time during this period when significant material change so requires.

Copies of the revised Plan are issued to all parties in the distribution list. Where necessary the Harbour Master will inform vessels masters of any changes.

## SECTION TWO

### 2.0 WASTE MANAGEMENT

- § Ships' agents are required to e-mail completed Waste Declaration forms (see Appendix D) to the Port of Sunderland, prior to the vessel's arrival, using the following e-mail address: [portmarineoperations@sunderland.gov.uk](mailto:portmarineoperations@sunderland.gov.uk). Alternatively (in the absence of e-mail facilities), forms may be faxed to Local Port Services (LPS), Port Control, on 0191 553 2145.
- § Port waste management information is disseminated to masters by agents, port website and by pilots as part of the "Ship's Passage Plan," which is signed by the master on each act of pilotage. Pilotage is compulsory.
- § The duty pilot / Deputy Harbour Master is responsible for electronically filing all forms, updating waste declaration spreadsheet and completing annual returns, which are forwarded to MCA (Tyne).
- § Records are retained for five years in accordance with quality procedures under the port's ISO 9001:2008 accreditation.
- § As the Port of Sunderland's shipping movements almost wholly comprises of UK coastal / EU trade, with minimal international voyages, Category 1 waste receptacles are procured only when required.
- § MCA (Tyne) will be notified in cases where agents/vessels fail to submit Waste Declaration forms in the appropriate manner.

### 2.1 Assessment of volumes

During the 2011/2012 financial year, the Port of Sunderland saw 306 vessel movements of which 244 movements fell under the regulations. In the year ending December, 2011, Cargo handled was almost exclusively dry cargo, amounting to a total of 503,628 tonnes. 43 vessels entered port for repairs, with a substantial number of vessels engaged in offshore energy operations also arriving.

Receipt	Oil	Noxious Liquids	Sewage	Garbage
Actual (cu m)	14.4	0	5.3	279.67
Potential (cu m)	14.85	7.3	21.23	279.67
Stored for discharge at another port (cu m)	169.475	229.79	169.475	90.49

## 2.2 Ships' domestic garbage

Approximately 30 tonnes of such waste is currently generated on an annual basis, as established from the records of the waste contractor.

Those vessels retaining garbage on board for discharge elsewhere are significant in number, the estimated quantity per vessel being approximately 0.4 cubic metres.

## 2.3 Other liquid waste

It is difficult to estimate the quantity of liquid waste discharged as disposal of such material is generally arranged directly between the berth operator, shipping agency and nominated contractor.

Direct requests for such services are rare and are referred to the relevant agent to deal with.

## 2.4 Facilities to be provided and location

It is anticipated that the continued provision of covered skips (front end loaders) is the most effective method of ensuring that landed waste is disposed of in an environmentally safe manner. These skips, of a standard 6 cubic yard (4.59 cubic metres) capacity are progressively being replaced with 8 cu yard (6.12 cubic metres) versions, are located at all berths owned and operated by the Port of Sunderland (See location map, Appendix C).



2.5 The Port of Sunderland has contracted the provision of these skips to Sita UK Ltd. These are easily identified by trade name/logo and blue livery.

2.6 Skips are checked daily by the Harbour Master's staff and emptied by the contractor on a weekly basis (Tuesday) and additionally, by special request.

2.6 Additional waste reception containers may be arranged on request by the Harbour Master through designated waste contractors. This may be arranged either by the port or vessels' agent.

2.8 Those Berths and / or installations not operated by the Port of Sunderland will arrange to provide waste receptacles via their own registered waste contractors.

2.9 Port tenants are responsible for making their own contractual arrangements with waste disposal providers. All contractors are subject to regulation by the Environment Agency.

## 2.10 Monitoring

Port State Control Inspectors of the MCA will seek to ensure that wastes are not illegally disposed of at sea by inspecting ships' logs in respect of oil and garbage records and that Masters are aware of waste reception facilities available. Should an Inspector discover waste, which he suspects may be subsequently illegally discharged at sea, he will advise the next designated port-of-call, and inform the Marine Pollution Control Unit, which may undertake aerial surveillance of that vessel.

## 2.11 Types of waste generated

### 2.11.1 Ships' domestic garbage

All vessels entering the Port of Sunderland will have domestic garbage on board in varying quantities, which will normally consist of "dry" material. Arrangements for waste reception should be activated through a vessel's agent, or the ship's master, by contacting Local Port Services (LPS), Port Control (VHF call sign: Sunderland Harbour Radio).

The provision of additional skips for disposal of ship's domestic garbage will be arranged by the Deputy Harbour Master, with requests initially being made through LPS, Port Control.

### 2.11.2 International Catering Waste

International catering waste (ICW) is defined as animal product food waste, and any other material that it is mixed with (including disposable cutlery, plates etc) that comes from international ships or aircraft.

Catering waste unloaded from vessels operating outside the waters of European Union member countries and contiguous states, including Norway, Channel Islands, Isle of Man and Gibraltar, is subject to strict waste management controls, including provision of Category 1 waste skips. This is to prevent any possible transmission of disease from animal by-products, such as Foot and Mouth disease, to animals in the UK.

ICW is classed as high-risk Category 1 waste, which can usually only be disposed of by incineration or rendering.

Further information concerning ICW can be found on the website of Animal Health and Veterinary Laboratories Agency (AHVLA), which is an executive agency working on behalf of Defra. See: [www.animalhealth.defra.gov.uk](http://www.animalhealth.defra.gov.uk)

### 2.11.3 Disposal protocol for ships' domestic garbage / International Catering Waste

ALL VESSELS MUST ENSURE THAT THEIR GARBAGE IS DISPOSED OF IN STRICT ACCORDANCE WITH THE FOLLOWING INSTRUCTIONS:

(1) Vessels which operate exclusively within the boundaries of the EU should deposit their garbage in the SITA UK Ltd blue skips placed at designated positions (see Appendix C)

(2) Vessels operating internationally should request the provision of a Category 1 skip by giving at least 24-hours notice (working days) to LPS, Port Control, which will notify the duty Deputy Harbour Master to make arrangements.

### 2.11.4 Ships oily bilge waste

All ships generate engine room bilge oil during their voyages but do not necessarily need to discharge at every port, provided they have sufficient storage capacity aboard for retention.

The Port of Sunderland does not operate a dedicated reception facility at this time. Requests for such facilities should be made direct to contractor by the relevant shipping agent to enable oil waste to be vacuum discharged to a barge or road tanker.

The Harbour Master and deputies will provide relevant advice when requested. LPS, Port Control, must be notified of all oily waste discharge operations prior to commencement and on completion, together with details of waste quantity and type.

Berth operators other than the Port of Sunderland, e.g. UK Docks, receive oily bilge waste and maintain their own arrangements for disposal via registered contractors.

### 2.11.5 Ships tank washings

Facilities are available through private contractors to receive ships tank washings. The Harbour Master will confirm berth allocation for such operation and provide appropriate advice.

Requests for this service will be made by shipping agents direct to contractor and should include estimated quantity and likely content.

The contractor will require information on the estimated quantity of washings, together with the likely content.

Charges for the use of this facility are fixed by the contractor and subject to commercial confidentiality.

LPS, Port Control, must be notified of all discharge operations prior to commencement and on completion, together with details of waste quantity and type.

### 2.11.6 Ships ballast water

There are no facilities at the Port of Sunderland to receive ballast water from ships' tanks.

### 2.11.7 Chemical waste or noxious substances

Although there are generally no facilities at the Port of Sunderland to receive chemical waste, reception of chemical waste may be considered on a case-by-case basis by Tradebe Solvent Recycling, Hendon Dock (Customer enquiries: 01633 765 110).

### 2.11.8 Low flashpoint items - Paint drums

Appropriate arrangements must be made in the reception of low flash point items into an enclosed receptacle. Arrangements will be made by the Deputy Harbour Master direct to SITA UK, with initial request being made through LPS, Port Control. An appropriate number of 6/8 sq yd enclosed SITA skips will be delivered to the vessel/quay. 24-hours notice (working days) of the requirement must be given.

When requesting this facility, the agent/ship's master must advise the Port of Sunderland of the number, size and contents of drums.

Under no circumstances should paint drums or other low flashpoint materials be placed in the blue front end loader SITA UK skips provided for domestic garbage.

### 2.11.9 Cargo generated waste

It is recognised that Vessels entering the Port of Sunderland to discharge cargoes will generate general cargo waste either through breakage or other damage.

Under no circumstances should such waste be placed in the blue front end loader SITA skips provided for domestic garbage.

Arrangements for the provision of skips for cargo-generated waste will be made by the port's Cargo Operations Dept (Shipping Office), which can be contacted on 0191 553 2109/25.

### 2.11.10 Sewage

There are no facilities at the Port of Sunderland to receive sewage. Arrangements should be made by shipping agents direct to contractor.

## 2.12 Waste disposal and regulation

As a unitary authority, Sunderland City Council acts as both Waste Collection Authority and Waste Collection Authority. The waste disposal function has been

“contracted-out” to appropriately licensed waste disposal companies, who are also holders of a waste carrier licences.

The designated waste disposal contractors are SITA UK and O'Briens Waste Recycling Solutions.

Under the Environment Protection Act, 1990, the Environment Agency is responsible for regulating and monitoring disposal of waste to sites appropriately licensed for this purpose.

The Environment Agency would ascertain from the nominated Waste Disposal Contractors for the area, an appropriately licensed location for final disposal of the waste, in order to monitor any subsequent effects to the environment.

Any vessel/agent requiring additional information on disposal of waste materials should contact LPS, Port Control, on 0191 514 2752. Every effort will be made to assist with all enquiries.

## SECTION THREE

### FINANCIAL CONSIDERATIONS

#### 3.0 Policy

The policy of the Port is to ensure that the cost of waste reception is set at such a level so as to encourage the landing of waste, thereby discouraging illegal waste discharge at sea.

#### 3.1 Costs

3.2 The Port of Sunderland Authority has determined that a mandatory charge of £59.66 per vessel call to a Port of Sunderland owned/operated berth for the provision of the first enclosed skip for ships' garbage only, will be charged irrespective of whether the service is used or not. (*Trading Conditions & List of Charges, 01/04/2014 – 31/03/2015, page 5*).

The above charge is itemised in the Port of Sunderland "Trading Conditions and List of Charges" 2012/13.

Following a pricing review, a charge of £60 is made by SITA UK Ltd for the removal of each skip and disposal of contents. The following table provides an overview of waste management operations undertaken by SITA UK in relation to ships' garbage during the financial years ending 2008 - 2012 (inclusive).

PERIOD	TOTAL NO LIFTS	TOTAL COST	APPROX WEIGHT KGs (Based in industry average)	APPROX TOTAL QUANTITY OF WASTE DISPOSED
2008	73	£4,771.77	200	14600
2009	98	£7,101.22	200	19600
2010	94	£8,098.83	200	18800
2011	153	£12,459.60	200	30600
2012	148	£11,207.80	200	29600

It will be seen that 2012 figures are subject to the following percentage increases on those of 2008:

Number of lifts:	102.8%
Total cost to Port Authority:	134.9%
Quantity of waste disposed of:	102.8%

Over the same period, however, the mandatory waste charge has increased by only 11.4%. It should also be noted that the number of skips provided for the benefit of shipping has increased from 6 to 20, a 233% increase.

Costs for additional garbage skips, receptacles for low flashpoint items, etc, can be provided on application.

- 3.3 Charges for other services, such as disposal of waste liquids, are subject to commercial rates fixed directly by external contractors. As such requests are infrequent, the port is not in a position to offer this facility, necessitating special arrangements. As this is a commercially led service, subject to variations in trading conditions, it is difficult to accurately estimate the costs involved.

Category 1 Waste disposal is available on request and priced as follows:

Supply of skip (10 cu yd enclosed)	£0
Haulage	£125 per collection
Disposal	£90 per tonne (minimum of 3 tonnes)

## SECTION FOUR

### PUBLICITY GENERATED TO USERS

#### 4.0 Initial information

To ensure mariners are aware of facilities provided, locations and expected costs, each shipping agency consulted has been forwarded a copy of this plan together with the request that the information be directed to the masters of vessels and relevant shore installations.

4.1 Ships' masters are responsible for ensuring that the Port of Sunderland receives a Waste Declaration Form in advance of entering port. It is usual practice for forms to be routed via the ship's agent. Wherever possible, forms must be emailed only to: [portmarineoperations@sunderland.gov.uk](mailto:portmarineoperations@sunderland.gov.uk) to ensure that all relevant staff receive and act upon the information provided. If unavoidable, forms may be faxed to LPS, Port Control on 0191 553 2146.

4.2 Where prior notice cannot be given, a Waste Notification Form will be handed to the ship's master by the pilot or in the case of a non-piloted vessel, after berthing. These forms must be fully completed and returned to the Harbour Master or Deputy prior to departure.

4.3 The Waste Management Plan will be revised should there be any significant changes in operations.

#### 4.4 Methods

In addition to the circulation of the plan, the ongoing consultation process allows for the amendment or re-appraisal of the facilities.

4.5 Signs denote the location and direction of permanent waste reception amenities.

4.6 A Harbour Master's notice distributed to the masters via agents and the port website, advises of facilities available and access to specialist waste services.

4.7 A Specimen Notice is shown in Appendix G and the Waste/Garbage Declaration Form is shown in Appendix D.

## SECTION FIVE

### OTHER PLANS

#### 5.0 Berth Ownership

Whereas all berths in the Port of Sunderland are owned by the Port of Sunderland, not all are port-operated. Waste Management plans prepared by individual berth operators are not part of this plan and therefore not included.

5.1 It is a requirement that all berth operators should prepare individual Waste Management Plans for berths operated independent of the Port Authority and submit these to the Maritime and Coastguard Agency for approval via the Port Authority.

#### 5.2 Berths operated by the Port of Sunderland

Corporation Quay (Deep Water Quay)  
Greenwells Quay  
South-East and South-West Oil Berths, Hendon Dock  
East Quay, Hendon Dock  
Junction Wharf, Hendon Dock  
Sheers Quay, Hudson Dock  
East Quay South, Hudson Dock  
Transit Shed Quay, Hudson Dock  
Jubilee Quay, Hudson Dock  
QE2 Berth, Hudson Dock

#### 5.3 Independently Operated Berths

Sunderland Marina - Marine Activities Centre  
Fish Quay - Sunderland Live Lobsters, Prawns and Fish Ltd  
Wear Dry Dock and East Quay North - UK Docks (Wear Dock & Engineering Ltd)  
West Quay, Hendon Dock - Northumbrian Water plc  
Pallion Shipyard - Pallion Engineering Ltd  
Liebherr Sunderland Works Ltd, Deptford

## APPENDIX A

### CONTACT DETAILS

#### Port of Sunderland

Local port Services (LPS), Port Control:

Telephone: 0191 514 2752  
Fax: 0191 553 2145  
E-mail: [sunderlandharbourradio@portofsunderland.com](mailto:sunderlandharbourradio@portofsunderland.com)  
Marine VHF: Channels 16 and 14

Harbour Master:

Telephone: 0191 553 2146  
E-mail: [captain.ullah@sunderland.gov.uk](mailto:captain.ullah@sunderland.gov.uk)

Deputy Harbour Masters/Pilots:

Telephone: 0191 553 2148  
E-mail: [pilots@portofsunderland.com](mailto:pilots@portofsunderland.com)

Marine Services Manager & Port Facility Security Officer:

Telephone: 0191 553 2147  
E-mail: [neil.mearns@portofsunderland.com](mailto:neil.mearns@portofsunderland.com)

#### Sunderland City Council Departments and Services (including Port Health Authority)

Contact via Customer Contact Centre on 0191 520 5555

#### Regulatory Agencies

Environment Agency: 08708 506 506  
MCA (Tyne): 0191 496 9900

#### Waste Services

SITA UK Ltd (Houghton-le-Spring, Sunderland): 0191 512 4300  
O'Briens Waste Recycling Solutions (South Tyneside): 0191 565 2711  
Biffa Group Ltd (South Shields): 0808 256 7372  
Premier Waste Management Ltd (Durham): 0191 384 4000  
Veolia Environmental Services (UK) Plc (Teesside): 0845 60 60 460  
OSS Group Ltd (Merseyside): 0870 2401 055  
Harpers Waste Management Ltd (Teesside): 01642 563 129

## APPENDIX B

### Shipping Agents - Contact web links

Amundsen & Smith Ltd

[www.amundsen-smith.co.uk](http://www.amundsen-smith.co.uk)

ASCO Marine Ltd (incorporating Seletar)

[www.ascoworld.com](http://www.ascoworld.com) & [www.seletar.com](http://www.seletar.com)

Casper Shipping Ltd

[www.casperltd.com](http://www.casperltd.com)

Clarksons

[www.clarksons.com](http://www.clarksons.com)

Cory Brothers

[www.cory.co.uk](http://www.cory.co.uk)

DAN Shipping & Chartering Ltd

[www.danshipping.co.uk](http://www.danshipping.co.uk)

Denholm Wilhelmsen Ltd

[www.wilhelmsen.com](http://www.wilhelmsen.com)

GAC Shipping (UK) Ltd

[www.gac.com](http://www.gac.com)

Gillie & Blair Ltd

[www.gillieblair.com](http://www.gillieblair.com)

GP Shipping

[www.gp-shipping.co.uk](http://www.gp-shipping.co.uk)

LV Shipping Ltd

[www.lvshipping.com](http://www.lvshipping.com)

NSA UK Ltd

Tel: [0191 428 5403](tel:01914285403)

Odin Shipping Ltd

[www.odinshipping.co.uk](http://www.odinshipping.co.uk)

Osprey Shipping Ltd

<http://www.ospreyltd.com>

Offshore & Heavylift Services

Tel: [0776 018 1816](tel:07760181816)

Royal Navy (Regional Office)

Tel: [0191 478 7067](tel:01914787067)

Thos E Kettlewell & Son Ltd

[www.kettlewell.com](http://www.kettlewell.com)

Uniconnection Shipping Ltd

[www.uniconnectionshipping.co.uk](http://www.uniconnectionshipping.co.uk)

Union Transport (Newcastle) Ltd

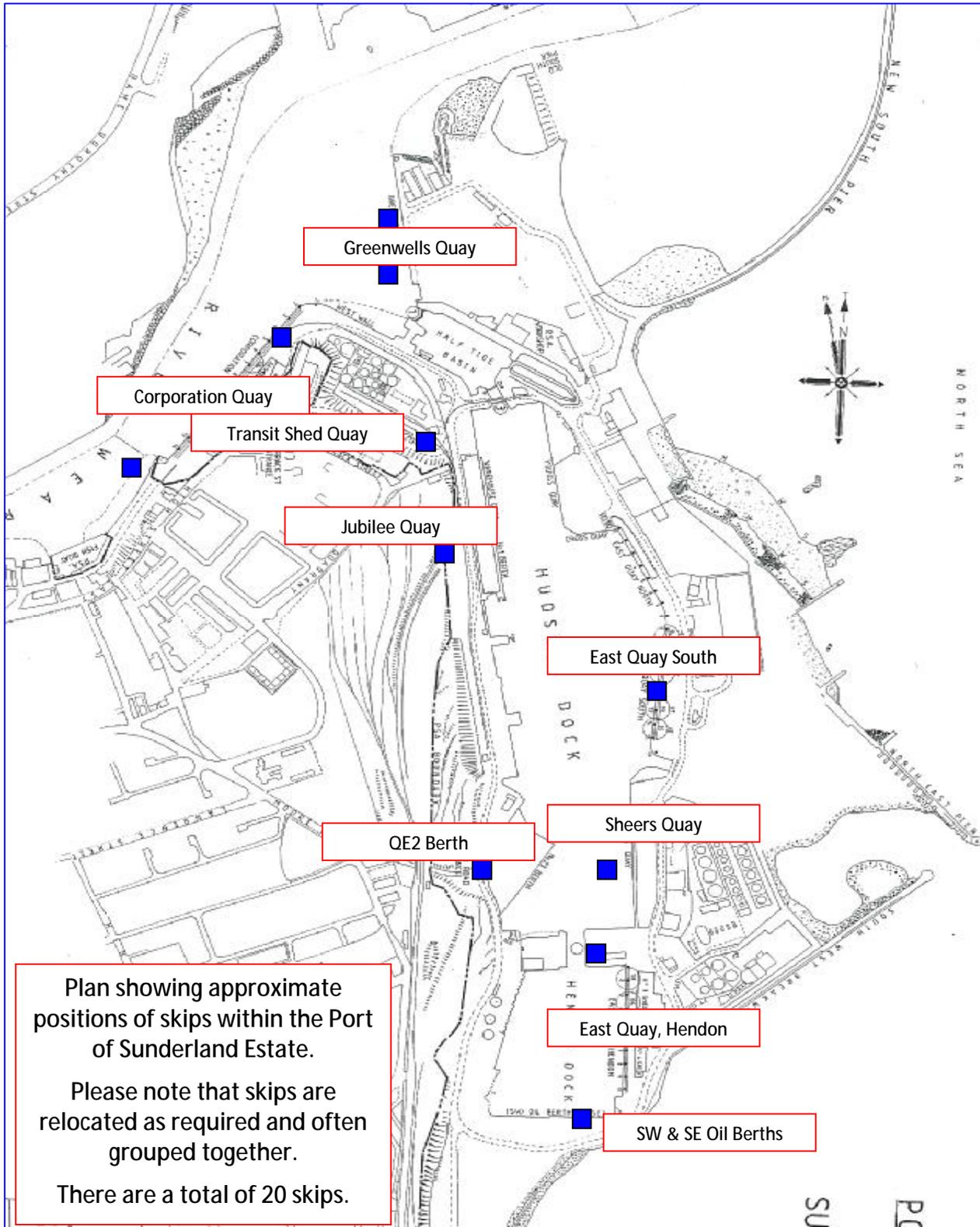
[www.union-transport.co.uk](http://www.union-transport.co.uk)

The above links can also be found on the Port of Sunderland website at:

[www.portofsunderland.com](http://www.portofsunderland.com). An up-to-date list of contact numbers also maintained by LPS, Port Control.

## APPENDIX C

### Port of Sunderland – Locations of waste reception facilities



## APPENDIX D

### Port of Sunderland – Port Waste Management Notification Form

	<b>Port Waste Management Notification Form</b> <i>This form is to be completed unless the ship has been granted an exemption by the Maritime &amp; Coastguard Agency</i>
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#### Ship Information

Name of Ship		IMO Number	
Call Sign		Flag State	
ETA - Date/Time		ETD – Date/Time	
Number of Crew		Berth No. / Terminal	
Last Port of Call		Next Port of Call	
Ship's Agent		Email address	
<i>Last Port and date where waste discharged</i>			
<b>How much waste will you deliver to port reception facilities?</b>			
<b>ALL</b>	<input type="checkbox"/>	<b>Some</b>	<input type="checkbox"/>
		<b>None</b>	<input type="checkbox"/>

Waste	Amount of waste to be delivered (m <sup>3</sup> )	Maximum dedicated storage capacity (m <sup>3</sup> )	Amount of waste retained on board (m <sup>3</sup> )	Port where remaining waste will be delivered	Estimated amount of waste to be generated before next port of call (m <sup>3</sup> )
<b>Oil</b>					
Sludge					
Bilge Water					
Other (specify)					
<b>Garbage</b>					
Food Waste					
Plastic					
Other (specify)					
<b>Cargo Associated Waste</b>					
Specify					
<b>Cargo Residue</b>					
Specify					

#### Notes

- 1 This information may be used by port State control and other inspection purposes.
- 2 Member states will determine which bodies receive this information.

Directive 2000/59/EC

*I confirm that the above details are accurate and correct and; there is sufficient dedicated onboard capacity to store all waste generated between notification and the next port at which waste will be delivered.*

Date.....

Name.....

## APPENDIX E

### Alleged Inadequacy Reporting Form

ALLEGED INADEQUACY REPORTING FORM (F6 Inadequacy) – (Optional form to be completed by vessels disposing of waste)	
<b>1. Ship's Particulars</b>	
Name of ship	
Owner or operator	
Distinctive no or letters	
IMO No	
Gross tonnage	
Port of registry	
Type of ship	Oil tanker <input type="checkbox"/> Chemical tanker <input type="checkbox"/> Cargo ship <input type="checkbox"/> Bulk carrier <input type="checkbox"/> Other (specify) _____
<b>2. Port/Terminal Particulars</b>	
Country	UNITED KINGDOM
Name of Port	PORT OF SUNDERLAND
Location/ terminal name	
Name of company operating facility	
Date of arrival	
Date of occurrence	
Date of departure	
<b>3. Type and Amount of Waste for Discharge to Facility</b>	
<b>3.1 Oil (MARPOL I)</b>	
Bilge Water (m <sup>3</sup> )	
Sludge from fuel oil purifier (m <sup>3</sup> )	
Scale and slops from tanker cleaning (m <sup>3</sup> )	
Dirty ballast water (m <sup>3</sup> )	
Tank washings (m <sup>3</sup> )	
Other (specify)	
Were facilities available?	Yes <input type="checkbox"/> No <input type="checkbox"/>
Costs involved	
<b>3.2 Noxious Liquid Substances (NLS)(MARPOL Annex II)</b>	
Type of NLS residue/water mixture for discharge to facility from tank	
Category A substance (m <sup>3</sup> )	
Category B substance (m <sup>3</sup> )	
Category C substance (m <sup>3</sup> )	
Other (specify) (m <sup>3</sup> )	
Substance is designated as	
Proper Shipping Name of the NLS	
Were facilities available?	Yes <input type="checkbox"/> No <input type="checkbox"/>
Costs involved	

<b>3.3 Garbage (MARPOL Annex V)</b>	
Plastic (m <sup>3</sup> )	
Floating dunnage, lining, or packaging materials (m <sup>3</sup> )	
Ground paper products, rags, glass, metal, bottles, crockery (m <sup>3</sup> )	
Paper products, rags, glass, metal, bottles, crockery (m <sup>3</sup> )	
Food waste (m <sup>3</sup> )	
Incinerator ash (m <sup>3</sup> )	
Other (specify)	
Were facilities available?	Yes <input type="checkbox"/> No <input type="checkbox"/>
Costs involved	
<b>3.4 Other wastes</b>	
<b>4. Was any waste not accepted by the facility?</b>	
<b>5. Inadequacy of Facilities</b>	
<b>5.1 Remarks on inadequacies</b>	
<b>5.2 Location of facilities (close to the vessel, inconvenient location or vessel had to shift berth)</b>	
<b>5.3 If you experienced a problem, with whom did you discuss this problem or report it to?</b>	
<b>5.4 Did you give prior notification (in accordance with relevant requirements) about the vessel's requirements for reception facilities?</b>	
<b>5.5 Did you receive confirmation on the availability of reception facilities on arrival?</b>	
<b>6. Any Additional remarks/ comments</b>	
<b>7. Master's signature</b>	
Signature	
Date	

## APPENDIX F

### Berthing data and charging calculations

The Port currently provides 6 cubic yard closed skips (gradually being replaced with 8 cu yd skips) at each of its berths for vessels to land garbage waste. In cases of all other types of waste and excess amounts of garbage, ship's agents are required to deal directly with licensed waste contractors.

#### Number of vessel visits to port operated berths

FINANCIAL YEAR ENDING	2008	2009	2010	2011	2012	Average
Total No Vessels	Unavailable	261	216	187	244	227
Total Spent on Skips	£4,771.77	£7,101.22	£8,098.83	£12,459.60	£11,207.80	£8,727.84
Total Cost per V/L	Unavailable	£27.21	£37.49	£66.63	£45.93	£44.42

In compliance with the Waste Reception Regulations, the Port Authority has set a mandatory charge for all vessels of £55.70, which is reviewed annually. Consideration of administration and operational costs form part of the rationale for this charge.

VAT of 20% should be added to all figures

## APPENDIX G

Capstan House, Greenwells Quay, South Docks,  
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September, 2012

### NOTICE TO SHIPS - PORT WASTE MANAGEMENT

*The Port of Sunderland draws to your attention that under MARPOL 73/78 there should be no dumping of ships waste at sea. In order to comply with the Merchant Shipping (Port Waste Reception Facilities) Regulations 2003 (SI 2003/1809, which relate to reception facilities enabling vessels to discharge all types of MARPOL waste, the Port of Sunderland has updated its Waste Management Plan to comply with these Regulations.*

*The Port of Sunderland supplies blue coloured enclosed skips with a sign stating UK/EU WASTE ONLY at all berths operated by them for your use for the disposal of garbage and recommend that you use this facility.*

*Positions are indicated by signs and in the Plan. These facilities are provided for waste generated from UK/EU Countries only. International Catering Waste (ICW) generated outside of UK/EU must not be deposited in these skips and your agent or LPS, Port Control will arrange for Category 1 sealed waste receptacle to receive such waste on request. A minimum of 24 hours notice (working days) prior to arrival is required.*

*If vessels have traded in the past 2 Years outside the UK/EU any waste will be treated as non-UK/EU produced and special skips must be used to receive such waste, with all costs being borne by the vessel. Private berth operators provide similar facilities.*

*If there is need to dispose of other waste, eg paint drums, oily waste slops, etc, then this can be arranged through your agent. The attached waste declaration should be e-mailed to [portmarineoperations@sunderland.gov.uk](mailto:portmarineoperations@sunderland.gov.uk) or faxed to +44 191 553 2145. If technical reasons prevent this, the form should be handed to the pilot on boarding.*

Capt AK Ullah  
Harbour Master

## APPENDIX H

### LEGISLATION

The following itemises key legislation and guidance relating to waste management for ports and ships. This is not an exhaustive list.

The Merchant Shipping and Fishing Vessels (Port Waste Reception Facilities) Regulation 2003 [SI 2003/1809], as amended by the Merchant Shipping and Fishing Vessels (Port Waste Reception Facilities) (Amendment) Regulations 2009 [SI 2009/1176]

*These regulations apply to any harbour or terminal within the UK. Every harbour authority and terminal operator must provide waste reception facilities adequate to meet the needs of ships normally using the harbour or terminal without causing undue delay to ships.*

*Ships must provide pre-arrival notification of the waste they will discharge, including information on types and quantities. Fishing vessels and recreational craft authorised to carry, or normally carrying, no more than twelve passengers are exempt. Ships must deliver their waste to port reception facilities before leaving port, unless they have sufficient dedicated storage capacity to store the waste until the next port of call and have followed notification procedures.*

*Ships must pay a mandatory charge to make a significant contribution to the cost of port reception facilities for ship generated waste, whether they use them or not. This does not apply to fishing vessels or recreational craft authorised to carry, or normally carrying, no more than twelve passengers.*

*The 2009 regulations require the delivery of ship generated sewage to port waste reception facilities in port.*

The Merchant Shipping (Prevention of Pollution by Sewage and Garbage from Ships) Regulations 2008 [SI 2008/3257], as amended by The Merchant Shipping (Prevention of Pollution by Sewage and Garbage from Ships)(Amendment) Regulations 2010 [SI 2010/897]

*These regulations implement both the revised Annex IV of MARPOL 73/78 - Regulations for the Prevention of Pollution by Sewage from Ships, and the Annex V of MARPOL 73/78 (including amendments) - Regulations for the Prevention of Pollution by Garbage from Ships.*

The Products of Animal Origin (Third Country Imports)(England) Regulations 2003 [SI 2003/3177], as amended by the Products of Animal Origin (Third Country Imports) (England) (Amendment) Regulations 2004 [SI 2004/82]

*All imports of meat, meat products, milk and milk products from outside the EU (plus some exceptions) must fully comply with the requirements for veterinary checks.*

The Animal By-Products Regulations 2005 [SI 2005/2347]

*An animal by-product is any part of an animal carcass, or any material of animal origin, not intended for human consumption. There are three categories of animal by-products based on their potential risk to animals, the public or the environment. Each category has a defined range of permitted uses or disposal methods. It is unlawful to categorise, collect,*

*transport, identify, dispose, store, process, or use Category 1, 2 or 3 wastes other than in accordance with regulations. Records must be kept of the quantities of by-product collected, transported and disposed of.*

#### MARPOL Regulations 1973/78

*The 1973 MARPOL Convention seeks to eliminate and reduce the amount of garbage being dumped into the sea from ships. Under Annex V of the Convention, garbage includes all kinds of food, domestic and operational waste, excluding fresh fish, generated during the normal operation of the vessel and liable to be disposed of continuously or periodically. Annex V totally prohibits of the disposal of plastics anywhere into the sea, and severely restricts discharges of other garbage from ships into coastal waters and "Special Areas". The Annex also obliges Governments to ensure the provision of facilities at ports and terminals for the reception of garbage. Annex IV relates to the prevention of sewage pollution from ships.*

*A revised MARPOL Annex V came into force on 1st January, 2013. A simplified overview of the revised Annex (resolution MEPC.201(62)) is shown at Appendix J.*

#### Marine Guidance Notes – Issued by the Maritime and Coastguard Agency

- MGN 385 (M+F): *Guidance on the Merchant Shipping (Prevention of Pollution by Sewage and Garbage from Ships) Regulations 2008*
- MGN 387 (M+F): *Guidance on the Merchant Shipping and Fishing Vessels (Port Waste Reception Facilities) Regulations 2003 and amendments*

## APPENDIX I

Report of cost, type and capacity of port waste reception facilities  
(IMO Information Return – to be submitted annually to MCA)

Name of port: \_\_\_\_\_

Estimate of total number of vessels calling at port (per year): \_\_\_\_\_

	Oil						Noxious liquid substances	Sewage	Garbage
	Dirty ballast water	Tank washings (slops)	Oily mixtures containing chemicals	Scale and sludge from tank cleaning operations	Oily bilge water	Sludge from purification of fuel oil	Categories A, B or C		
Type and size of facility Method of use (where applicable)									
Is notice required? (If yes, give number of hours)									
Frequency of emptying									
Annual capacity									
Amount of waste which should be received									
Amount of waste actually received									
Amount of waste stored by ships for reception in other ports									
Cost of use									

Note: this form should be completed and submitted to MCA with the port waste management plan who will collate the information and submit it to the International Maritime Organization. Ports that cannot receive tankers or other vessels over 400 gross tonnes do not have to provide full 'oil' information. Information on cost is only needed where there is a charge for using facilities. Annual capacity should be given in tonnes.

## APPENDIX J

### Simplified overview of the discharge provisions of the revised MARPOL Annex V (resolution MEPC.201(62)) which entered into force on 1 January 2013

(for the full text of the respective discharge requirements please refer to the text of the revised  
MARPOL Annex V, and for more detailed guidance please consult the  
2012 Guidelines for the Implementation of MARPOL Annex V (resolution MEPC.219(63))

Type of garbage	Ships outside special areas	Ships within special areas	Offshore platforms and all ships within 500 m of such platforms
Food waste comminuted or ground	Discharge permitted ≥3 nm from the nearest land and <i>en route</i>	Discharge permitted ≥12 nm from the nearest land and <i>en route</i>	Discharge permitted ≥12 nm from the nearest land
Food waste not comminuted or ground	Discharge permitted ≥12 nm from the nearest land and <i>en route</i>	Discharge prohibited	Discharge prohibited
Cargo residues <sup>1</sup> not contained in wash water	Discharge permitted ≥12 nm from the nearest land and <i>en route</i>	Discharge prohibited	Discharge prohibited
Cargo residues <sup>1</sup> contained in wash water		Discharge only permitted in specific circumstances <sup>2</sup> and ≥12 nm from the nearest land and <i>en route</i>	Discharge prohibited
Cleaning agents and additives <sup>1</sup> contained in cargo hold wash water	Discharge permitted	Discharge only permitted in specific circumstances <sup>2</sup> and ≥12 nm from the nearest land and <i>en route</i>	Discharge prohibited
Cleaning agents and additives <sup>1</sup> contained in deck and external surfaces wash water		Discharge permitted	Discharge prohibited
Carcasses of animals carried on board as cargo and which died during the voyage	Discharge permitted as far from the nearest land as possible and <i>en route</i>	Discharge prohibited	Discharge prohibited
All other garbage including plastics, domestic wastes, cooking oil, incinerator ashes, operational wastes and fishing gear	Discharge prohibited	Discharge prohibited	Discharge prohibited
Mixed garbage	When garbage is mixed with or contaminated by other substances prohibited from discharge or having different discharge requirements, the more stringent requirements shall apply		

1 These substances must not be harmful to the marine environment.

2 According to regulation 6.1.2 of MARPOL Annex V, the discharge shall only be allowed if: (a) both the port of departure and the next port of destination are within the special area and the ship will not transit outside the special area between these ports (regulation 6.1.2.2); and (b) if no adequate reception facilities are available at those ports (regulation 6.1.2.3).