



Ports Waste Management Plan

Issued April 2020

Version 2




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infrastructure / bun-troggalys

SECTION ONE

INTERPRETATION AND APPLICATION

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1.1 Introduction

1.2 Information to Port Users

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1.1 Introduction

This Port Waste Management Plan has been prepared by the Isle of Man Harbours, Ports Division, Department of Infrastructure to ensure the provision of adequate reception facilities for ships' wastes. Adequate facilities are those that are fully used by mariners instead of discharging their ship's waste into the sea. To achieve this, facilities should meet the needs of the IOM Harbour users and of the environment.

To this end Isle of Man Harbours has attempted to remove as far as possible any disincentives towards use of such facilities. In particular the facilities provided should:

- Cater for all types of waste that are usually landed at the various harbours and piers under the Department of Infrastructure's jurisdiction.
- Be conveniently located and easy to find.
- Be easy to use.
- Be reasonably priced.
- Be periodically reviewed to ensure that they remain adequate.

The Ports Manager is responsible for the implementation of the Port Waste Management Plan as well as monitoring the efficiency of the reporting procedures and facilities provided, as well as ensuring any reported inadequacies are investigated.

Isle of Man Harbours does not provide any pre-treatment facilities for waste landed.

Isle of Man Harbours do not allow the entry of vessels carrying cargoes under Marpol Annex II (Noxious Liquids in bulk) and therefore will not provide any reception facilities for these types of vessels.

1.2 Information to Port Users

Complying with regulations and protecting the marine environment is of the utmost importance to Isle of Man Harbours. This is achieved by ensuring suitable and adequate waste reception facilities are available and monitored in the various harbour locations under Isle of Man Harbour's jurisdiction.

At the principle harbour locations of Douglas, Peel, Ramsey, Port St Mary, Port Erin, Laxey and Castletown a harbour plan is available from the Harbour Keepers detailing the location of the waste reception facilities. Waste reception facilities will be clearly marked for the use of garbage and waste oil reception facilities along with contact details for reporting inadequacies. Location plans of waste facilities are included at Annex A.

Shipping agents can provide details of port waste reception facilities and forward reporting forms to vessels using their service.

1.3 IoM Harbours Areas of Jurisdiction

The Harbours and Piers under the IoM Harbours jurisdiction include:-

Douglas Harbour

- Queen Victoria Pier
- King Edward VIII Pier
- Battery Pier/Princess Alexandra Pier and full berth
- Douglas Marina and adjoining quays and lifting bridge
- Douglas Tongue Boat Park
- Douglas Marina Boat Park
- Circus Beach marshalling area and walkways

Peel Harbour

- Peel Breakwater
- Church Dock
- Peel Marina and adjoining quays
- Groyne
- Castle Pier and East quay jetty
- Fenella slipway
- Lifeboat slipway
- Marina Boat park
- House of Manannin Boat Park

Ramsey Harbour

- North and South Piers
- Fishing compound (North Wall)
- Ramsey Salt works Boat park
- Slipways, leisure and commercial
- Old River Road Footpath
- Swing bridge and viaduct
- Talk of the town boat park and trailer park

Laxey Harbour

- Laxey Breakwater and Pier
- Laxey Boat Park
- Slipway

Derby Haven

- Breakwater
- Foreshore
- Unpaved boat parking

Castletown Harbour

- Swing Bridge
- Breakwater and Irish Quay
- Slipways
- Castletown Boat Park
- Claddaghs car park

Port St Mary Harbour

- Alfred Pier
- Office Boat park
- Lifeboat Slipway
- Inner Harbour Pier and Quays
- Underway boat park

Port Erin Harbour

- Breakwater
- Slipways
- Raglan Pier
- Boat parks uppers and lower

1.4 Current Waste Legislation

The Ports Division is aware of the various current waste regulations that apply to ports and cite the following:-

- The International Convention for the Prevention of Pollution from Ships 1973, and its 1978 Protocol (MARPOL 73/78).
- Department of Infrastructure waste policy and strategy 2012 to 2022.
- The Merchant Shipping (MARPOL Protocol I - Reports on Incidents Involving Harmful Substances)
- Merchant Shipping (MARPOL Annex I - Prevention of Pollution by Oil) Regulations 2006
- Merchant Shipping (Oil Pollution Preparedness, Response and Co-operation Convention) Regulations 2000
- Merchant Shipping (MARPOL Annex II - Control of Pollution of Noxious Liquid Substances in Bulk) Regulations 2008
- The Merchant Shipping (MARPOL Annex III - Prevention of Pollution by Harmful Substances)
- Merchant Shipping (MARPOL Annex IV - Prevention of Pollution by Sewage)
- Merchant Shipping (MARPOL Annex V - Prevention of Pollution by Garbage)
- Merchant Shipping (MARPOL Annex VI - Prevention of Air Pollution)
- Public Health Act 1990.
- Import & Export of Waste Regulations
- Water Pollution Act 1993 Part 2

1.5 Definitions

Garbage; means all kinds of victual, domestic and operational waste excluding fresh fish and parts thereof, generated during the normal operation of the ship and liable to be disposed of continuously or periodically except sewage originating from ships.

The garbage categories as per MARPOL annex V are listed below, and the category for cargo residues has been split into HME (harmful to the marine environment) and non-HME. The new garbage category distribution will be as follows:

- A. Plastics
- B. Food waste
- C. Domestic wastes
- D. Cooking oil
- E. Incinerator ashes
- F. Operational waste

- G. Animal carcasses
- H. Fishing gear
- I. E-waste
- J. Cargo residues (non-HME)
- K. Cargo residues (HME)

International Catering waste (ICW); is defined as animal product food waste and includes any other material that it is mixed with it, such as items of packaging material, or disposable cutlery or plates contaminated by such waste. It is a category 1 waste and must be finally disposed of as such by rendering, incineration or burial in an approved landfill.

Operational Wastes; means all maintenance wastes, cargo associated wastes and cargo residues except residues or wastes from oil or oily mixtures, noxious liquid substances, non- polluting liquid substances or harmful substances in packaged form.

Oil; means petroleum in any form including crude oil, fuel oil, sludge, oil refuse and refined products, other than oil-like substances that are subject to the Merchant Shipping (Control of Pollution by Noxious Liquid Substances in Bulk) Regulations 1987.

Oily Mixture; means a mixture with an oily content.

Harbour Area; means any harbour or associated area under the jurisdiction of the Isle of Man Ports division.



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SECTION TWO

ASSESSMENT OF WASTES RECEIVED IN THE HARBOUR

Contents

2.1 Waste Production



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2.1 Waste Production

In order for the Harbour Authority to analyse the need for waste reception facilities, the following list of commercial waste sources, waste types and current waste management were identified: -

SOURCE	WASTE TYPE(S)	WASTE MANAGEMENT
Commercial fishing	Domestic, Metal, Fish, Offal, Netting, Rope, Oil, garbage, sewage, operational waste (combustible) and scrap (non-combustible)	Deposited in skips on quayside. Waste oil stored in drums and deposited in reception facility on quayside. No Sewage collection.
Pleasure Craft Domestic	Oil, Sewage, Garbage (combustible) and Scrap (non-combustible)	Deposited in skips on quayside. Waste oil deposited in waste oil tank on quayside. No Sewage collection.
Ferries	(Domestic) Operational, Oil, Sewage, Garbage (combustible) and scrap (non-combustible)	Deposited in skips on quayside. Waste oil collected direct from vessels. No Sewage collection.
General Cargo	Domestic, Operational, Sewage Garbage (combustible) and scrap (non-combustibles)	Deposited in skips on quayside. Waste oil collected direct from vessels. No Sewage collection.
Vessels / Coastal Tankers	Oil, Sewage, Garbage (combustible) and scrap (non-combustibles)	Deposited in skips on quayside. Waste oil collected direct from vessels. No Sewage collection.
Vessels at Anchor	Domestic, Operational, Sewage, Garbage (combustible) and scrap (non-combustible)	Either brought ashore by own tender or chartered vessel. No Sewage collection.
Cruise ships	Domestic, Operational, Sewage, Garbage (combustible) and scrap (non-combustible)	Deposited in skips on quayside. Waste oil collected direct from vessels. No Sewage collection.



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SECTION THREE

LOCATION OF WASTE RECEPTION FACILITIES

Contents

3.1 Description of Waste Reception Facilities

3.2 Location Maps

3.1 Description of Waste Reception Facilities

The waste reception facilities available at the various locations vary depending on the type and frequency of vessels normally using the harbour facility.

The reception facilities are of the following type:-

Euro Bins; Moulded plastic receptacles of varying sizes 120 litres, 240 litres and 1100 litres. All are waterproof with hinged lids and are fitted with wheels. Euro bins are emptied at on a once or twice weekly basis during the winter months and on a daily basis during the summer months.

Skips; Industrial steel skips with either an open top or enclosed with doors. Skips are emptied as required and are monitored by harbours staff at the locations. Where a vessel requires landing a quantity of garbage greater than the facilities available at the location, a skip will be provided at the vessel.

Waste Oil Tanks; Metal bunded tanks of 1100 litres capacity for the reception of waste liquids, generally oil. Located at Douglas, Ramsey, Peel and Port St Mary Harbours. These tanks are emptied as required and are monitored by harbours staff at the locations. Small cans can be emptied by arrangement with responsible staff.

3.2 Location Maps

Maps of the harbours and the waste reception facilities within them can be found in Annex A of this plan.



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SECTION FOUR

ADMINISTRATION OF WASTE

Contents

4.1 Reception Procedures

4.2 Charging System

4.3 Reporting Inadequacies

4.4 Recording Wastes Received

4.5 Disposal of Wastes Received

4.1 Reception Procedures

Any vessel intending to deposit waste at any of the Isle of Man harbours can do so with no reporting of the waste deposited unless they require a garbage receipt which can be arranged via the Marine Operations Centre (MOC) staff or via the harbour keepers. Shipping Agents are advised that they should notify visiting vessels of these requirements.

Also note that sewage may be discharged at sea in accordance with Regulation 11 of Annex IV of Marpol 73/78 and at this time (July 2019) there are no Sewage Reception Facilities at any Harbour in the Isle of Man.

4.2 Charging System

For fishing vessels, local harbour craft and for visiting vessels the use of these waste reception facilities are provided as part of the of the harbour dues.

Visiting commercial craft will be charged on an ad hoc basis for the reception facilities that they will require. This will either be arranged via the harbours staff or via the vessels agent.

4.3 Reporting Inadequacies

It is the responsibility of the Ports Manager to ensure complaints regarding inadequacies within the Port Waste Management Plan or the Waste Reception Facilities are dealt with within the appropriate time scale.

Any Harbour user that believes there are any inadequacies in the Isle of Man Port Waste Management Plan or Waste Reception Facilities, can report this directly to the Ports Manager via the Marine Operations Centre, Harbour Keepers or through their shipping agent.

Contact Details for reporting inadequacies:-

Marine Operation Centre

2nd Floor

Sea Terminal Building

Douglas

Isle of Man

IM1 2RF

Telephone 01624 686612

The Port Waste Management Plan will be reviewed on a regular basis and at any other time that inadequacies are found or reported.

4.4 Recording of Wastes Received

The recording of waste for commercial vessels can be made with the use of a garbage receipt that can be obtained from the Marine Operations Centre or from one of the Harbour Keepers. An example of this receipt can be found in Annex B.

4.5 Disposal of Wastes Received.

The disposal of the waste received is carried out by the Department of Infrastructure and is either separated for recycling or disposed of at the Incinerator.



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ANNEX A



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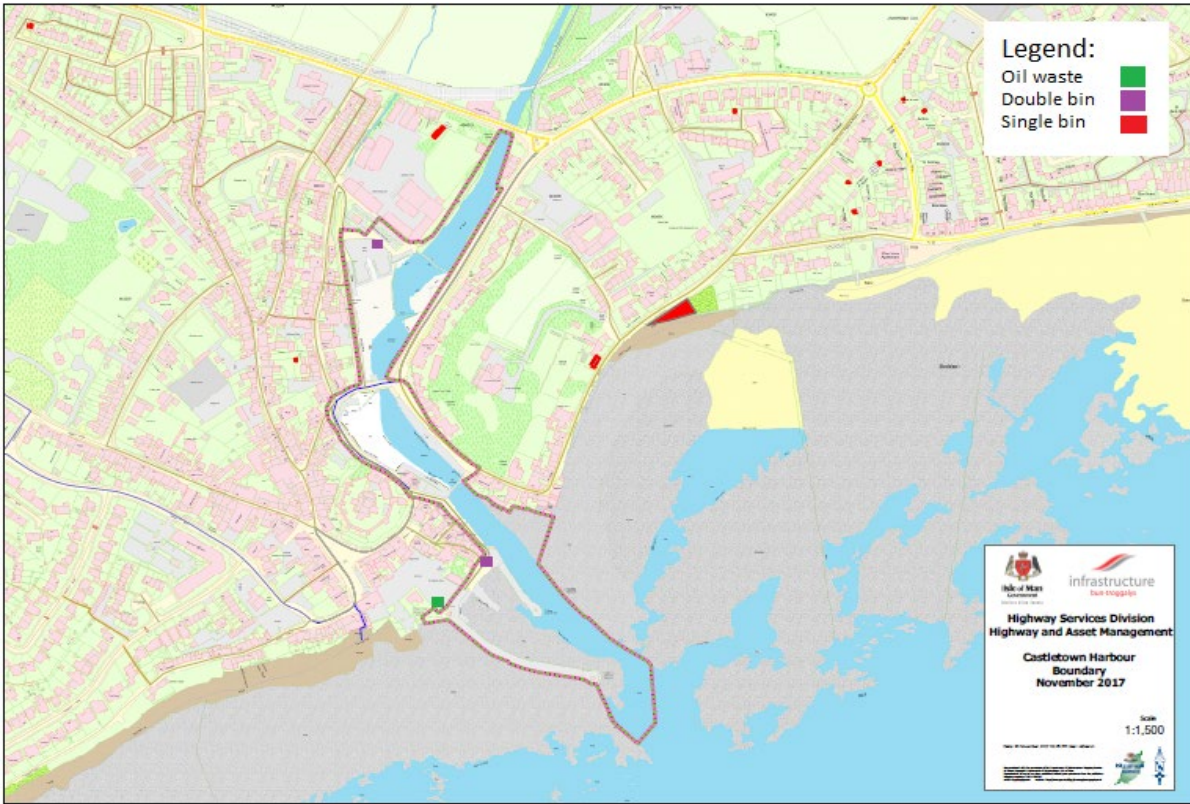


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ANNEX B

	Department of Infrastructure <i>Rheynn Bun-troggalys</i>																																																								
Record of Garbage Received																																																									
Reception Port																																																									
Port / berth:																																																									
Vessel Details																																																									
Name of Vessel:		Security Level:																																																							
IMO N°:		Call Sign:																																																							
Gross Tonnage:		Flag State:																																																							
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On behalf of the port facility I confirm that the above waste has been delivered																																																									
Officer signature	Printed name and position																																																								