

# Grand Harbour Marina p.l.c.

## WASTE MANAGEMENT PLAN

2021

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## 1.0 Introduction

- 1.1 This is the Grand Harbour Marina p.l.c. (GHM plc) Waste Management Plan and is a strategic document regulating and directing waste handling in Grand Harbour Marina. Therefore its general aim is to improve waste management in its marina through a well-structured, integrated, flexible, environmentally sound and cost-efficient system of handling ship-generated waste. An important external aim of the Plan is to harmonise GHM's waste management with those of the European Union and to implement the EU legislation in respect of yacht-generated waste.
- 1.2 The Plan forms part of the Transport Malta's Environmental Policy and is directly linked to the National Environmental Waste Management Strategy which falls under the responsibility of the Environment & Resources Authority (ERA).
- 1.3 The size of the marina allows for open dialogue and direct contact between the marina and entities involved in waste collection. There are no formal procedures.
- 1.4 This document is a dynamic plan, which will have to be continuously reviewed, assessed and amended to take into consideration changes within the yachting industry and environmental concerns.

## 2.0 Legal Framework

- 2.1 The Port Reception Facilities Directive 2000/59/EC has been transposed into Maltese Legislation as S.L 499.30 titled 'Port Reception Facilities for Ship-Generated Wastes and Cargo Residues' under the Authority for Transport in Malta Act (Chapter 499).

Other applicable legislation falls under the Environment and Resources Authority (ERA) since it relates to waste collection, transport, licensing, delivery to sites and disposal. The legal notices include but are not limited to and without prejudice to other legislation:

Authority for Transport in Malta Act and its subsidiary legislation including:

- S.L.499.30 Port Reception Facilities for Ship-Generated Waste and Cargo Residues
- Port Notice 004/04 – Directive 2000/59/EC of the European Parliament and of the Council of 27<sup>th</sup> November 2000 on Port Reception Facilities for Ship-Generated waste and cargo residue.
- Port Notice No. 05/08 – Management, Collection and Disposal of Waste from Ships calling in Maltese Ports
- Port Notice No. 05/12 – Collection, Carriage and Transport of Waste from ships
- Port Notice No. 07/16 – European Council Directive 2000/59/EC of the European Parliament and of the Council of 27 November 2000, as subsequently amended by Commission Directive (EU) 2015/2087 of 18 November 2015, on port reception facilities for ship generated waste and cargo residues.
- Port Notice No. 01/17 - Ship-Generated Waste Management Fee
- Port Notice No. 02/17 - Port Waste Management Plans

Environment Protection Act and its subsidiary legislation including:

- S.L.435.44 Waste Management (Waste Oils) Regulations 2002
- S.L 504.73 Waste Management (Permit and Control) Regulations 2001
- S.L.435.73 Waste Management (Activity Registration) Regulations, 2004

Malta is party to the MARPOL Convention and its Annexes.



### **3.0 Waste Management Plan – Description for the need of port reception facilities in the light of the need of the vessels normally visiting the marina**

#### **3.1 Location of Marina including number of berths**

Grand Harbour Marina plc Waste Management Plan covers Dockyard Creek within the main commercial harbour of Malta, Grand Harbour and runs from St. Angelo Wharf through to Oil Wharf. The marina has a capacity of 33 Superyacht berths (30mtr +) and 219 pontoon berths (range from 8mtrs to 25mtrs). Occupancy runs between 80 & 90% (includes all berths).

### **4.0 Description of type and capacity of Port Reception Facilities**

4.1 A Waste Management Plan shall cover all types of ship-generated waste and cargo residues originating from ships normally visiting the port or terminal and shall be developed according to the size of the port or terminal and the type of ships calling at that port or terminal.

Grand Harbour Marina's Waste Management Plan can be viewed in full on the Marina's website.

4.1.1 With experience it is indicated that GHM plc requires 12 skips around its facility at all times, (plan attached for reference to the skips normal positions). This amount may increase during the marina's busiest periods (May – October). These skips, each one with a capacity of 1,100lts are emptied on a daily basis by a recognized and licensed waste removal contractor. Waste from these skips is domestic waste. None domestic waste i.e. wood/metal etc, waste oil and sewage is removed on request which is made either by the responsible person of the vessel or their yacht agent through the marina Capitanerie.

The facilities available for the different yacht generated wastes are described in the following paragraphs.

#### **4.2 Waste Oils**

##### **4.2.1 Oily Waste**

In all circumstances the removal of oily waste shall be carried out in accordance with the Waste Management (Waste Oils) Regulations, 2002. Collection of oily waste from yachts shall be carried out by road tankers for the time being, though a pipeline system is being installed to collect the waste oil by a vacuum system. This pipeline runs the length of the marina and waste oil is collected in a tank down at Xatt ir Risq. This will then be collected by a designated waste oil company. NOTE that at present this pipeline is yet to be certified and put in use. Present on the marina are 2 x 200 ltr waste oil drums which as and when full are vacuum pumped out by a designated waste oil company. These drums are enclosed and only unlocked by the marina personnel as and when needed.

##### **4.2.2 Dirty Ballast/Slop Tank Discharge/Bilge Water**

Reception Facilities are provided for the receipt of waste oils, dirty ballast and oily slops. Waste can be discharged into road tankers belonging to approved contractors. Quantities to be discharged ashore will be notified to the Marina Reception directly or via the yacht's agent



#### 4.2.3 Oily Solids Waste

Oily solids (rags, sawdust etc, oil filters etc) shall be considered as 'Hazardous Waste'. Such waste is to be bagged separately and the Marina Reception either advised directly or via the yacht's agent. These will be collected by authorized contractors.

#### 4.3 Waste Disposal

4.3.1 A waste disposal service is available at The Marina by authorized contractors. Open skips are to be used and these are placed at the quayside upon berthing. Quantities to be discharged ashore are to be notified to the Marina Operations either directly or via the yacht's agent. Receipts for waste removed are given to both yacht and a copy is kept in the marina office on file.

4.3.2 In addition the Marina provides on a 24 hour basis covered bins for waste generated from the yachting activities. Such skips are placed around the marina at locations deemed sufficient. Contracts are in place for the regular collection and disposal of such daily. Average collection for 2020 was approximately 36m<sup>3</sup> per month. As part of our daily duties' skips are checked to be in place and monitored for cleanliness.

4.3.3 Any complaints are taken seriously and followed up until the complaint has been dealt with.

#### 4.3.4 Sewage

Bulk sewage can be discharged into road tankers operated by approved contractors. Quantities to be discharged are to be notified to the Marina Operator directly or via the yacht's agent. Grand Harbour Marina has installed a sewerage pump system all along the length of the marina. This system is connected to the main sewerage system.

The marina also has for the use of its client's restroom facilities which use of such are included in the berthing tariff paid.

#### 4.3.5 Waste Separation Facilities

On site the Marina also has Waste Bins which allow for separation of waste, i.e. plastic, glass, paper and metals. These bins are placed at St. Angelo Wharf and are emptied periodically by our licensed waste removal Company, Veladrians.

<b>Recycling</b>	<b>2020</b>
Paper	5m <sup>3</sup>
Plastic	7m <sup>3</sup>
Glass	3m <sup>3</sup>
Metal	4m <sup>3</sup>

Below is an approximate breakdown of waste removed from Grand Harbour Marina (includes our daily waste removal) over the past three (3) years. Note from 2009 we began pumping out sewage into the main pipeline of GHM. Amounts from that period are very approximate as boats had been connected on a permanent basis whilst in the Marina.

General Waste	2017	2018	2019	2020
Garbage mixed	708m <sup>3</sup>	605.5m <sup>3</sup>	438m <sup>3</sup>	365m <sup>3</sup>
Waste Oil (GHM Drums)	2.5m <sup>3</sup>	2.5m <sup>3</sup>	1.76m <sup>3</sup>	2.5m <sup>3</sup>
Sewage	Direct Pumping	Direct Pumping	Direct Pumping	Direct Pumping

## 5.0 Procedures for the Reception and Collection of ship-generated waste

- 5.1 Yacht Agents shall inform Transport Malta and Grand Harbour Marina of the amount and type of yacht-generated waste held on-board vessels calling in Malta if yacht is 45m in length or above or weighing 300gt or as above as mentioned in S.L.499.30.. They also have to confirm whether such vessel intends to dispose of its waste in a local reception facility. All this information has to be communicated on the form prescribed in Schedule 2 of S.L. 499.30. Yacht agents should also refer to Port Notice 07/16 referred to in paragraph 8.1. Request will then be forwarded to the Marina Office for the issuing of any necessary permits.
- 5.2 The Yacht Agent or Marina Manager is responsible to organize the provision of appropriate reception facilities for the categories of solid and oily waste which the vessels they represent would need to dispose of in Malta in line with S.L. 499.30.
- 5.3 Yachting Agents shall ensure that the reception facilities, fixed or mobile, which they contract, are licensed and authorized in terms of the Waste Management (Permit and Control) Regulations, 2001. Also the Yachting Agent as to ensure that the reception facilities are in a clean state.
- 5.4 The reception facilities, fixed or mobile, have to ensure that collected yacht-generated waste is segregated, handled, transported and disposed of in a manner prescribed by the Environment and Resources Authority (ERA) under the Waste Management (Control and Permit) Regulations, 2001 as directed by Waste-serve who is the body responsible for collecting all waste of the island.
- 5.5 Grand Harbour Marina reserves the right to stop any authorized contractor if regulations are not adhered to.
- 5.6 Arriving yachts (pontoon berthed vessels) can dispose of their waste in the following ways:

Garbage either in the 1,100 ltr skips provided or alternatively they may wish to separate their waste and place this in the marinas recycling bins (they can be found at St. Angelo Wharf).

Waste oil is removed by the Marina on confirmation of amount and also at an agreed time. This waste is then poured into our waste oil drums which are situated on St. Angelo Wharf.

Sewage can be pumped directly into the main sewage points of the marina. Such points are situated at St. Angelo Wharf or Vittoriosa Wharf, this procedure is done with the assistance of Marina staff.



## 6.0 Charging System

- 6.1.1 All GHM plc skips that are emptied daily are done so at the cost of the marina. For waste oil and larger amounts of domestic waste we call in recognized and licensed Companies to do such works. Charges depend on the amounts of waste/oil collected. A minimal charge to clients wishing to remove small amounts of waste oil is made. This charge is to cover costs incurred by the marina when our waste oil receptors are full and need emptying.

## 7.0 Description of how ship generated wastes and cargo residues are disposed of

Waste Management and disposal is under the jurisdiction of the Environment and Resources Authority (ERA) and is regulated by S.L. 504.37 'Waste Regulations'.

## 8.0 Procedures for reporting alleged inadequacies of port reception facilities

- 8.1 Any deficiencies in the Waste Reception facilities are to be reported in writing on the form specified in Annex II to:

Marine Operations Incident Response Unit  
Ports and Yachting Directorate  
Transport Malta  
Malta Transport Centre  
Marsa  
Tel +356 21 222203  
Fax+356 21 244419  
Email: response.tm@transport.gov.mt  
AOH: +356 9933 6316

## 9.0 Contact details and Identification of the person(s) responsible for the implementation of the plan

Telephone Numbers:

Office Hours +356 21 800700

A.O.H. +356 21 800700

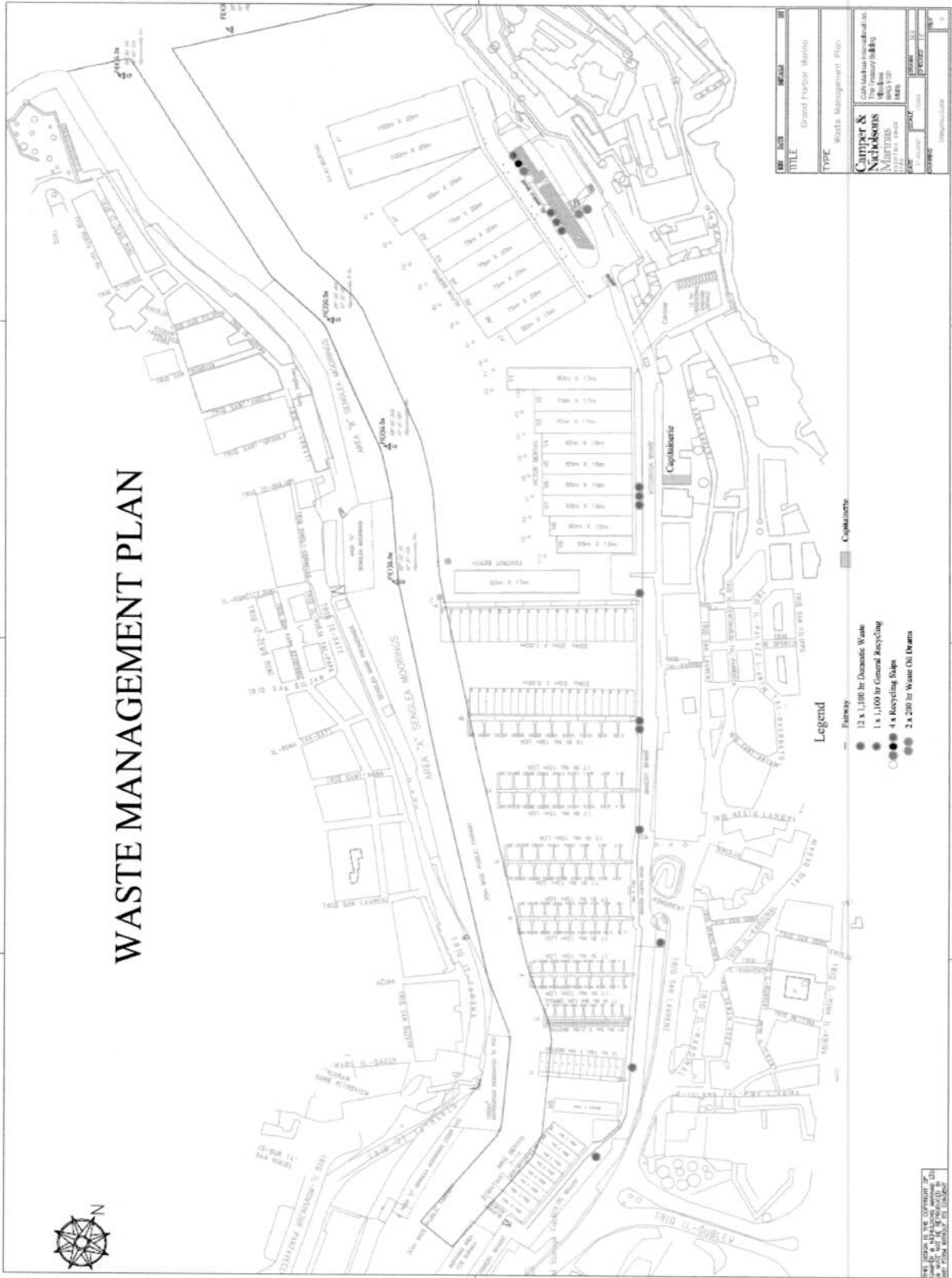
Grand Harbour Marina main personnel are (all other marina staff are to adhere to the WMP):

Gordon Vassallo	Marina Manager	+356 7926 6954
Ian Cochrane	Assistant Manager	+356 7970 9910
Kevin Valentine	Senior Berthing Master	+356 7937 7371
Edward Sammut	Maintenance Supervisor	+356 9920 3050

The person responsible for the implication and drawing up of the Waste Management Plan is the Marina's Assistant Manager.



# WASTE MANAGEMENT PLAN



## ANNEX I: Grand Harbour Marina

## ANNEX II: COMPLAINTS FORM

<b>Name of ship:</b>	<b>IMO number and call sign:</b>
<b>Berth:</b>	<b>Date of arrival in the Port:</b>
<b>Owner, agent or operator:</b>	<b>Number of persons on board:</b>
<b>Amount and type of waste to be delivered to the waste reception facilities:</b>	

Special problem such as: Unnecessary delay, insufficient waste reception facilities, not technically possible to use waste reception facilities, or other. Please list and comment them.

**Remarks:**

**Signature and stamp:**





### Annex III - Standard Operating Procedures - Waste – Collection

- The Marina Duty Officer is to ensure that no access will be given to non-registered waste carriers.
- The Marina Duty Officer is to ensure that no access is given to waste collection contractors if prior notification is not received.
- The Marina Duty Officer is to ensure that only open skips will be allowed on the quays for the collection of garbage collection. Collection by compressed trucks (scammel) will be allowed in certain circumstances for the removal of large amounts of domestic waste.
- The Marina Duty Officer has to ensure that waste collection contractors take adequate protection so that no waste ends up in the sea.
- The Waste Collection Operator has to clean up any spills which may occur during unloading.
- The Waste Collection Officer has to ensure that adequate tools are available for the cleaning of any spills that may occur.
- The Marina Duty Officer has to ensure that Waste Collection Operators are wearing the appropriate safety wear.
- The Marina Duty Officer is to ensure that only properly maintained vehicles are allowed on to marina quays.
- The Marina Duty Officer is to continuously monitor unloading operations and will report any deficiencies to the Marina Manager.
- The Marina Duty Officer is to report spills immediately to the Marina Manager.
- The Marina Duty Officer is to keep a proper log stating the name of Waste Collection Operator, time of entrance and exit of the vehicle.

### Annex V – Review of Waste Management Plan

Review of the above written Waste Management Plan is to be done every three years (3) with recognised and licensed Authorities.

