



WASTE MANAGEMENT PLAN FOR SHIP-GENERATED WASTE



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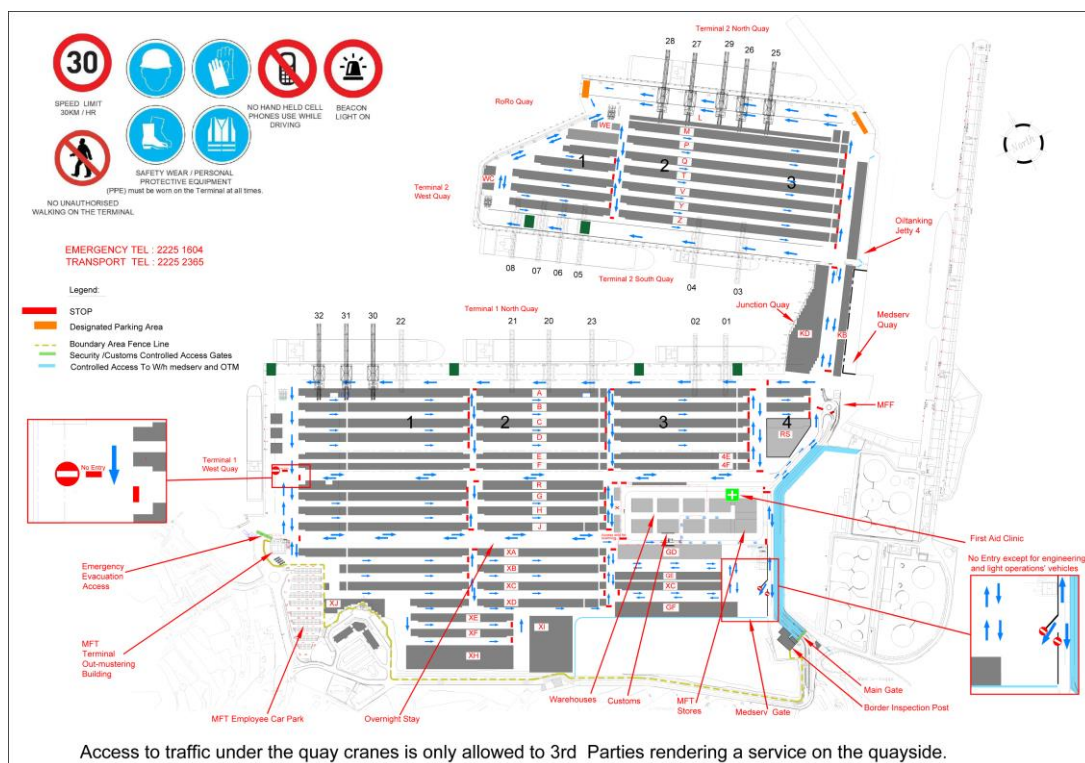
CONTENTS

1. About Malta Freeport Terminals Ltd.	2
2. Fundamental importance of proper delivery of ship-generated waste and cargo residues	2
3. Legislation	3
4. Care for the Environment at Malta Freeport.....	3
5. Management of ship-generated waste at Malta Freeport Terminals Ltd.....	4
5.1 Need for port reception facilities	4
5.2 Consultation with terminal users and other interested parties.....	4
5.3 Person responsible for the implementation of the waste management plan.....	4
5.4 Type and capacity of port reception facilities	4
5.5 Procedures for transfer of ship-generated waste	4
5.6 Waste Carriers	5
5.7 Methods for recording amounts of ship-generated waste and cargo residues received.	5
5.8 Type of ship-generated waste and cargo residues handled.	5
5.9 Charges.....	6
6. Description of how ship-generated waste and cargo residues are disposed of.....	7
7. Contact points, operations and services offered at Malta Freeport	7
8. Reporting of inadequacies of port reception facilities	7
9. Further Information	8
Annex A	9
Annex B.....	10
Ammendment History	10

1. ABOUT MALTA FREEPORT TERMINALS LTD.

Malta Freeport Terminals (MFT) is a strategically located transshipment hub in the heart of the Mediterranean with over 30 years' experience in the shipping industry. The Company benefits from trustworthy and experienced shareholders providing a solid foundation for further growth. Since being privatised in 2004 MFT has undertaken an ambitious €300 million investment drive to upgrade its facilities and equipment to become the state-of-the-art container terminal it is today.

MFT presently offers a total operational deep water quays of 2,463 m, a total area for container storage of 771,000 square metres, a total of 15,297 container ground slots and 1,658 reefer slots. All the mainline berths at MFT have a water depth of 17 metres enabling the container terminals to be able to accommodate the latest class of 24,000 TEU vessels. MFT is equipped with 20 latest generation quayside cranes, 65 Rubber-Tyred Gantry Cranes and various ancillary yard equipment. The total current capacity of the Port is presently 3.8 million TEUs which will be further increased to over 4 million TEUs.



2. Fundamental importance of proper delivery of ship-generated waste and cargo residues

The 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 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 reception facilities at ports and terminals for the reception of garbage. The special areas established under Annex V are:

- the Mediterranean Sea
- the Baltic Sea Area
- the Black Sea area
- the Red Sea Area
- the Gulfs area
- the North Sea
- the Wider Caribbean Region and
- Antarctic Area

These are areas which have particular problems because of heavy maritime traffic or low water exchange caused by the land-locked nature of the sea concerned.

3. LEGISLATION

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 Malta Environment and Planning Authority Act since it relates to waste collection, transport, licensing, delivery to sites and disposal. The legal notices include but are not limited to:

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 27th 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.549.63 Waste Regulations
- S.L.549.45 Waste Management (Activity Registration) Regulations,

Please also consider that Malta is party to the MARPOL.

4. CARE FOR THE ENVIRONMENT AT MALTA FREEPORT

While at berth at Malta Freeport Terminals Ltd, it is strictly prohibited for vessels:

- to discharge, throw, deposit or permit to escape any dirt, ashes, steam, oil, filth or waste matter whether liquid or solid into the sea.

-
- to cause smoke, fumes, soot, ash, grit or oil to be emitted at the Terminal in such quantity or density as may be deemed to be a nuisance or annoyance in the opinion of the Terminal.
 - to generate excessive noise that may be deemed to be a nuisance or annoyance in the opinion of the Terminal.

Ship Maintenance activities including but not limited to engine immobilisation, painting, hull cleaning require a permit from Transport Malta.

In the event of any **spillage** or discharge of any dangerous, hazardous or poisonous substances or any contaminant or pollutant, the vessel shall immediately inform the Terminal and take all necessary steps to limit the extent of, clean and otherwise deal with such spillage or discharge, including providing relevant information and expertise.

5. MANAGEMENT OF SHIP-GENERATED WASTE AT MALTA FREEPORT TERMINALS LTD.

5.1 Need for port reception facilities

Port Reception facilities are required at Malta Freeport by virtue of MARPOL, EU Directive 2005/59/EC, local regulations and the large number of vessel calls , many of which arrive after long voyages.

5.2 Consultation with terminal users and other interested parties

Malta Freeport Terminals Ltd. recognises its responsibility to protect the environment and to control and minimise, as far as is safe, practicable and economically sound, any adverse environmental impact due to its activities. The Terminal operates an Environmental Management System certified to ISO 14001 and operates under an Environmental Permit EP00033/09 issued by Environment Resource Authority (ERA). It is committed to continue reducing the impact of its operation by working alongside Maltese Authorities to promote continuous improvement of waste management from ships.

5.3 Person responsible for the implementation of the waste management plan

The QA-E Manager is responsible for the implementation of the Waste Management Plan at Malta Freeport Terminals Ltd.

5.4 Type and capacity of port reception facilities

Port reception facilities are not provided directly by the Terminal and the collection, transfer and disposal of ship-generated waste is entirely co-ordinated and handled by the respective local shipping agents with their appointed authorised waste carriers in Malta.

The Terminal primarily manages only the waste that it produces on site. Its involvement in the handling of ship-generated waste is limited to waste carrier registration at the incoming / outgoing gates, monitoring for safety and security on the internal traffic routes and on the quays and record keeping and reporting. There is no pre-treatment equipment or pre-treatment process at the Terminal.

5.5 Procedures for transfer of ship-generated waste

Ship masters are to provide advance notice to their local Shipping Agent of MARPOL residue/waste delivery in order to ensure that the necessary receptacles and vehicles are prepared for receipt of the material.

Shipping Agents, representing incoming vessels, are to provide the following information to the Terminal:

1. A list of wastes to be unloaded from the vessel
2. The quantity in m³ of each specific waste
3. The registration number (GBR) of the waste carriers contracted to transport each waste

Shipping agents must contact one of the waste collection companies authorized by ERA for the management of waste and that company recovers the waste directly from the ship when it berths. Their vehicles are subject to security and safety checks upon entering the container terminal. Waste Carriers are responsible to abide with Waste Management (Activity Registration) Regulations S.L. 504.78. Registered carriers are required to fix an ERA registration tag on the left hand side of the vehicle's windscreen next to the License sticker issued by Transport Malta. Therefore trucks that call at the Freeport to collect waste from vessels can only enter if they have the registration tag fixed on their windscreen

The captain of a ship may decide not to deliver the ship waste if the ship has sufficient dedicated storage capacity on board for the different types of waste.

5.6 Waste Carriers

Only registered waste carriers are allowed into the Terminal as demonstrated by the presence of a license. The license consists of the ERA logo and a number underneath that should be visible from the windscreen. Two (2) samples of the license are attached as downloaded from the ERA website. Waste carriers are registered by company and truck number, therefore if in doubt about the waste carrier, ERA can be contacted, truck number quoted and a response given whether the truck is licensed or not. All information is on the ERA website www.ERA.org.mt (choose WASTE in topic bar on the left hand side, then PERMITS, then REGISTERED WASTE CARRIERS).

5.7 Methods for recording amounts of ship-generated waste and cargo residues received.

When a waste carrier enters the Terminal at the Gate, Security will hand a "Waste Collection Record Sheet" to the truck driver prior to entering the Terminal. The driver is to return a completed form endorsed by the originator of the waste (in this case the Captain of the vessel or his delegate) to Security at the gate before leaving the Terminal.

Security will carry out the necessary checks and fill in relevant parts of the form.

All records are collected by the QA-E Department for monitoring, analysis and reporting purposes.

5.8 Type of ship-generated waste and cargo residues handled.

Ship generated waste shall be recorded as included in the list in the Waste Record Sheet (Refer to Annex B).

During the past three years the following quantities in m³ were collected:

	2017	2018	2019
Garbage	2108	1958	1036
Sewage	0	0	0
Waste Oils	2865	2558	1283

Catering waste from means of transport operating internationally (non-EU ports) is classified as 'international catering waste' under the Animal By-Products Regulations (EC) No 1069/2009¹. In view that this is classified as category 1 material (ie highest risk material), this material shall only be transported to a permitted thermal treatment facility by a vehicle or carrier approved by the Veterinary Regulation Directorate. Disposal must be carried out immediately upon berthing of the vessel.

Movement of international catering waste to authorised facilities within the Maltese Islands shall be covered by a valid consignment permit obtainable from the Competent Authority.

5.9 Charges

Presently, the Terminal itself does not apply a fee for services relating to the receipt and collection of ship-generated waste. Vessels may be charged by the Agent / Waste Contractor.

¹ laying down health rules as regards animal by-products and derived products not intended for human consumption and repealing Regulation (EC) No 1774/2002 (Animal by-products Regulation)

6. DESCRIPTION OF HOW SHIP-GENERATED WASTE AND CARGO RESIDUES ARE DISPOSED OF.

Waste management and disposal is regulated by the Environment and Resource Authority (ERA), the Environment Protection Act and its subsidiary legislation. Only licensed waste collectors are allowed on the premises as regulated by the ERA and as stated in Port Notice 05/08 on Management, Collection and Disposal of Waste from ships calling in Maltese Ports.

7. CONTACT POINTS, OPERATIONS AND SERVICES OFFERED AT MALTA FREEPORT

The Terminal is ISPS certified and every person coming ashore has to keep his/her **identification** to present it upon request.

All safety and environmental accidents, **emergencies**, close calls, spillages or unsafe situations should be promptly reported to the nearest Freeport Official or to the Security Office on **(+356) 2225 1604** who will respond immediately to any accident.

A **health clinic** is located at the Terminal within 1km of all quays. The clinic is manned on a 24-hour basis. Requests for medical assistance can be made by calling **(+356) 2225 1604**

The Terminal operates a **24hr transport service** between the Pedestrian Gate and the Terminals. Transport can be called from any location within the Terminal by contacting the nearest Freeport official or by calling **(+356) 2225 2365**. **Walking** is not permitted on the Terminal.

Other Malta Freeport Terminals Ltd. contacts

Duty Manager	+356 2225 2370
QA-E Manager	+356 2225 1151
VHF Channel (Terminal)	13

8. REPORTING OF INADEQUACIES OF PORT RECEPTION FACILITIES

In case of inadequacies of Port Waste Reception Facilities, vessels are to contact Malta Freeport Security (24-hr contact) on telephone +356 2225 1604 and report in writing on the Complaints form (see Annex A) to :

Ports and Yachting Directorate
Xatt L-Ghassara ta' L-Gheneb
Marsa MRS 1917
Tel: +356 21222203
Mob: +356 99336316
e-mail : response.tm@transport.gov.mt

9. FURTHER INFORMATION

This Waste Management Plan for Ship-Generated Waste is available on the company website www.maltafreeport.com.mt.

The Terminal also provides information regarding reception facilities for ship generated waste in the Vessel Boarding Sheet which is handed to vessels upon their arrival at berth.

Terminal Safety and Environmental Rules and Regulations and additional information can be obtained from the company website www.maltafreeport.com.mt

For additional information or clarification please contact the QA-HSE Department at Malta Freeport Terminals Ltd. Contact details:

Tel : +356 2225 1151

hse@maltafreeport.com.mt

Malta Freeport Terminals Ltd.
Port of Marsaxlokk
Kalafrana
BBG 3011
Malta

ANNEX A

COMPLAINTS FORM

To : Pollution and Incident Response Unit
Transport Malta
Ports and Yachting Directorate
Xatt L-Ghassara ta' L-Gheneb
Marsa MRS 1917
Malta
e-mail: response.tm@transport.gov.mt

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

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 stamps:

ANNEX B
Waste Record Sheet

Malta Freeport Terminals Ltd.

WASTE COLLECTION PERMIT

A - DETAILS OF WASTE CARRIER (to be filled by Security)			
Date _____		Company _____	
Time In _____		Vehicle Nr _____	
ERA License _____		License Exp Date _____	
		Security No. _____	
B - WASTE GENERATED BY VESSEL (to be filled by Waste Carrier)			
<i>NB : Large skip (5 m³) Small skip (1 m³)</i>	Volume m ³	Name of final disposal location (eg. WasteServ, Ghallis, Waste Oils etc)	
Plastic			
Domestic Waste (papers, cardboard, glass, metal, bottles, crockery)			
Operational Waste (solid wastes collected during normal operation or maintenance of ship)			
Cargo Residues (eg: Floating dunnage, lining or packing materials)			
Food waste			
Incinerator ash			
Waste Oil **			
On behalf of Waste Carrier (Name and surname) _____ Signature _____			
C - WASTE GENERATED BY FACILITY (to be filled by Waste Carrier)			
<input type="checkbox"/> Malta Freeport Terminals <input type="checkbox"/> Medserv <input type="checkbox"/> MFF <input type="checkbox"/> Tug Malta <input type="checkbox"/> Other (Pls specify) _____			
<i>NB : Large skip (5 m³) Small skip (1 m³)</i>	EWC Code	Volume m ³	Name of final disposal location (eg. WasteServ, Ghallis, Waste Oils etc)
Sewage	20 03 06		
Electrical Waste **	16 02 13		
Mixed Garbage	20 03 01		
Mixed recycling	15 01 06		
Plastic (packaging)	15 01 02		
Wood (packaging)	15 01 03		
Cardboard (packaging)	15 01 01		
Paper (non- packaging)	20 01 01		
Metal	20 01 40		
Used oily rags, gloves, filters **	15 02 02		
Batteries **	16 06 01		
Tyres	16 01 03		
Fluorescent Tubes and other mercury containing waste **	20 01 21		
Other Fuel or Mixture **	13 07 03		
Waste Oil **	13 07 01		
Others:			
On behalf of Waste Carrier (Name and surname) _____ Signature _____			
D - To be filled by Security			
Time Out _____		Security no. _____	
Signature (Security) _____			
<i>** Received copy of Waste Consignment Note</i>			

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AMENDMENT HISTORY

Issue No.	Date	Description
2	06/12/2015	Waste Management Plan reviewed. Terminal specifications, contact persons and numbers updated accordingly. Annex B – Waste Record Sheet updated
3	30/09/2016	5.5 – Amended to include requirement for Shipping Agents to notify Terminal on waste to be disposed prior to waste collection Annex C- Waste Record Sheet amended to include expiry date of Waste Carrier License
4	23/12/2017	5.5 – Amended section on Shipping Agents requirements. 5.8 – Section amended to include special reference to disposal of Catering Waste Annex B – Waste Record Sheet Updated
5	12/08/2020	Amended section 1 – About MFT. Updated Traffic plan of MFT. 5.8 – Amended table with latest data records