



**Livorno
Port Authority**

REGULATION

**REGARDING THE ORGANIZATION OF THE
COLLECTION & MANAGEMENT OF SHIP-
GENERATED WASTE & CARGO RESIDUES
IN THE PORT OF LIVORNO**

Ordinanza n° 24/2009 of the 26.11.2009

REGULATION

REGARDING THE ORGANIZATION OF THE COLLECTION AND MANAGEMENT OF SHIP-GENERATED WASTE AND CARGO RESIDUES IN THE PORT OF LIVORNO

ARTICLE 1 – SCOPE

The provisions in this Regulation shall apply to vessels calling at the Port of Livorno

ARTICLE 2 – PURPOSE

The purpose of this regulation is to discipline the collection and management of ship-generated waste and cargo residues in the port of Livorno, in conformity with the dispositions referred to in the premise to the ordinance approving this regulation, **that comes into force on the 15/12/2009**

ARTICLE 3 – DEFINITIONS

For the purposes of this regulation, and without prejudice to the definitions in articles 6 and 7 of legislative decree 22/97 and unless otherwise clearly indicated:

- **'authority'** shall mean Livorno Port Authority;
- **'harbour authority'** shall mean Livorno Harbour Authority;
- **'service licensee'** shall mean the company (or company partnership) selected through public tender invitation contracted to execute the waste management service for vessels;
- **'2003 Legislative Decree n. 182'** shall mean the implementation of the 2000/59//EEC Directive on port waste facilities for ship-generated waste and cargo residues;
- **'2006 Legislative Decree n.152'** shall mean the consolidated environmental decree implementing Act n. 308 of the 15th December 2004
- **'1997 Legislative Decree n. 22'** shall mean the Legislative Decree n.22 of 5th February 1997 (also known as the *Ronchi Decree*) containing the "Implementation of the 91/156/EEC Directive on waste , the 91/689/EEC Directive on dangerous waste and the 94/62/EEC Directive on packaging and packaging waste, with subsequent integrations and amendments
- **'1994 Act n. 84'** shall mean Act n.84 of 28th January 1994, with subsequent integrations and amendments.
- **'Marpol 73/78'** shall mean the International Convention for the Prevention of Pollution from Ships, stipulated in London on the 2nd November 1973, as modified by the Protocol of 1978 and subsequent amendments, in force in the European Union from the 2nd November 1973 and ratified with Act n. 662 of the 29th September 1980;
- **'Ship'** shall mean any vessel in article 136 of the Code of Navigation;
- **'Waste'** shall mean any substance or object which is part of the categories specified in part four of enclosure A to the Legislative Decree n. 152/06 that the Master of the ship shall / is obliged to dispose of under Article 7, paragraph 1 of Legislative Decree n.182/03;
- **'Cargo waste residue'** shall mean the remains of any material making up the cargo contained on board ship, in holds or tanks, and which are left at the end of unloading or cleaning operations;
- **'Cargo-related waste'** shall mean material such as dunnage , cribs, pallets, coverings, packaging materials, plywood, paper, cardboard, wire wrappings etc., that is, waste not strictly produced by the ship;
- **'Management'**: shall mean the collection, transportation, recycling or disposal of waste, including the control of such operations;
- **'Producer'** shall mean the person whose activities have produced waste (the ship's Master);
- **'Retainer'** shall mean the person legally responsible for detaining the waste (the service licensee):
- **'Port reception facility'** shall mean any facility in the port , which is fixed, floating or mobile, where ship – generated waste and cargo residues can be collected prior to being recycled or disposed of;
- **'Collection'** shall mean the operation of removing, selecting and disposal of ship-generated waste;

- **'Differentiated Waste'** shall mean the appropriate collection necessary for separating waste into homogeneous categories for recycling or recuperating raw materials;
- **'Transportation'** shall mean the operation of transferring waste with suitable equipment from the vessel to the subsequent management phase (temporary storage, car washing facility, treatment facility, commencing recycling or disposal operations);
- **'Temporary storage'** shall mean the temporary collection of waste consigned by Ship Masters under conditions laid out in Article 183 letter M of Legislative Decree n.152/06;
- **'Storage'** : shall mean a series of operations, falling under the definition of storage, that are considered waste recycling operations, as per Point R13 of Enclosure C to Legislative Decree n.152/06;
- **'Disposal'**: shall mean the operations described in part 4 of Enclosure B to Legislative Decree n.152/06;
- **'Recovery'** shall mean the operations described in part 4 of Enclosure C to Legislative Decree n.152/06;
- **'Sterilization'** shall mean the process of treating waste deriving from foodstuffs provided for passengers and crew from vessels coming from outside the EU and Sardinia. This process takes place prior to tip disposal operations and must guarantee the elimination of the microbial content/ level in accordance with the technical modalities in enclosure 3 paragraph 4 of the Health Ministry Decree of 22nd May 2001

ARTICLE 4 – SERVICES AND FACILITIES

Service licensee: LABROMARE s.r.l.
 Address: Via Quagliolini 10b
 Tel. 0586.4479 – Fax 0586. 409748- e.mail<. <info@ labromare.it
 Contact: *Jari Dal Canto* - tel. 346.0643496; e-mail: j.dalcanto@labromare.it

1. Ship waste collection service

Service licensee: ATI “ Labromare srl + AAMPS”
 Address: Via Quagliolini 10 B - LIVORNO

Solid waste
 Contact: *Riccardo Figaro* - tel. 335.5778570; e-mail: r.figaro@labromare.it

Liquid waste
 Contact: *Giorgio Botti* - tel. 335.5628383; e-mai: g.botti@labromare.it

2. Storage and treatment facilities and facilities for the preparation of recycling and disposal operations

Service licensee:: LABROMARE s.r.l.
 Address: Via Quagliolini 10b
 Contact: Bruni Lazzari (Tel. 0586.447917)

Solid waste facility: Darsena 1
 Contact: : *Silvio Cafferata* - tel. 335.7113754; e-mail: s.cafferata@labromare.it

Liquid waste facility: Darsena Petroli
 Contact: *Marino Bonifazio* - tel. 335.5778576 ; e-mail: m.bonifazio@labromare.it

3. Communications

In the event of services provided proving to be unsatisfactory please contact:

Livorno Port Authority- Safety/Security and Environmental Management
 Address: Piazza del portuale 4
 Fax 0586.249517 Tel. 335.8194280
 Contact: *Fagioli Franco* - tel. 0586.249636; e-mail: f.fagioli@porto.livorno.li.it

ARTICLE 5 - DIFFERENTIATED WASTE AND RECYCLING

1. During collection, waste should be separated into the following categories:

- a) paper;
- b) wood;
- c) glass, bottles etc.;
- d) plastic;
- e) steel;
- f) aluminium;
- g) mixed waste including vegetable and animal product leftovers, or, in any case, waste containing a high degree of humidity;
- h) hazardous waste;
- i) sanitary waste;

2. In view of differentiated waste collection, in conformity with this regulation, as well as with art.2 of Ordinance prot. N° 289 of the 13.02.09, jointly issued by Livorno's PIF and USMAF Offices, suitably distinct containers for each type of waste have been individuated with characteristics differing according to the type of waste they contain. They can be obtained from the service licensee.

The waste producer is responsible for correctly identifying the waste and suitably packaging them using the following containers:

- grey polyethylene bags for mixed galley and cabin waste (foodstuff leftovers and, in any case, meal – related waste) for ships coming from the E.U;
- black polyethylene bags with "Category 1 Material as per European Regulation 1774/2002 to be disposed of in conformity with Ministerial Decree 22/05/2001" printed in red on them, for the aforesaid waste for vessels coming from non-E.U countries or Sardinia;
- yellow bags for material to be subjected to selection for re-use, like packaging (paper, cardboard, glass, cans, wood etc.)
- suitable containers for special hazardous and non- hazardous waste(engine waste in general, paints, grease, engine oil, barrels - drums – rags dirty with these substances, isolating material in general, neon lights, toners, batteries, non.-specified chemical products, medicines passed their sell-by –date etc).

The transporter and the consignee can only receive correctly packaged waste in the aforesaid containers, divided according to typology.

Differentiated waste refers to waste delivered separately and therefore at least packaged in clearly-identifiable, colour-coded containers (bags).

Loose waste (except for cargo residues, previously agreed upon with the service licensee), particularly if it regards special hazardous and/or non-hazardous waste, for which a specific service has to be requested and agreed upon, must not be introduced into unloadable containers and waste collection facilities.

ARTICLE 6 - ORGANISED SERVICES

1. The following waste services are operational in the port of Livorno (see enclosure 1 for timetables and tariffs):

- a) Collection, transport, recovery or disposal of galley or cabin waste, including vegetable and animal waste, or, in any case, waste with a high degree of humidity;
- b) Collection, transport, recovery or disposal of particular cargo-related waste such as dunnage, cribs, pallets, coverings, packing materials, plywood, paper, cardboard, wire wrappings etc. present on board, but, not directly produced by the ship but deriving from goods loading/unloading operations;
- c) Collection, transport, recovery or disposal of cargo residues i.e. remains of any solid and/or liquid material making up the cargo contained on board ship, in holds or tanks, and which are left at the end of unloading or cleaning operations;
- d) Collection, transport, recovery or disposal of engine waste produced by ships, including bilge water residue;
- e) Collection and transport for disposal of biological sewage and ballast water;
- f) Collection and delivery of used oils and batteries to associated Mandatory Consortia firms;
- g) Collection, transport, recovery or disposal of hazardous materials;
- h) Collection, transport, or disposal of sanitary waste

2. For the purposes of Legislative Decree n.152/06, '*producer*' shall mean the vessel berthing, in the roads or in the port, and '*Retainer*' shall mean the 'service licensee';

3. Once waste has been consigned to the service licensee by the Master of the ship, the latter is released from all producer obligations specified in Legislative Decree n.152/06.

4. Shipping agents, according to the law, shall ensure that ships respect the rules in this article, paying the service licensee the costs of the service required.

ARTICLE 7 – GALLEY AND CABIN WASTE

1. All operational vessels berthing in Livorno port or roads for a period longer than 24 hrs are bound to consign to the service licensee food-derived and galley waste, as well as all kinds of perishable waste. (This shall not apply for vessels being dismantled for which a limit shall be established each time by the Harbour Authority in relation to the number of crew members). This disposition shall also apply to vessels authorized to consign the other types of waste at another port or to vessels intending to consign them at the port of Livorno prior to departure.
2. Waste, duly separated by type, must be placed in watertight bags in Article 5, designed so that leakage or seepage cannot occur under normal use. Bags must be filled in such a way that their weight or volume does not hinder handling and must be tagged with a label giving details of the waste therein. In the case of non-differentiated waste more restrictive provisions shall be applied, as its unloading and disposal are subject to different regulations.
3. Bags containing waste must be closed and gathered in appropriate areas on board for collection by the service licensee.
4. All ships may reduce the volumetric mass of their refuse by means of a compressing or pulverising device.
5. It is strictly forbidden to use ship waste incinerators while berthing in the port
6. Foodstuff waste produced on board ships from countries outside the EU or Sardinia, i.e in every other foreseen case, should be handled according to norms laid down by specific ordinances issued by the Ministry of Health
7. The service referred to in this Article shall be provided to ships daily, at least once a day by the service licensee with suitably trained personnel, equipped and outfitted so as to prevent the transmission and diffusion of pathogenic agents potentially present in collected waste.
8. The consignment of waste to collection vehicles should be performed by the ship's crew.
9. The Master of the ship shall fill out and consign to the service licensee, after the collection of waste, a receipt (see **Enclosure 2**) on which the following data will appear:
 - a) Service licensee ID data ;
 - b) Name of ship and Shipping Agency;
 - c) Date and time of commencement and completion of service;
 - d) Quantity (in cubic metres) of waste removed
 - e) Differentiated or non-differentiated delivery

ARTICLE 8 - CARGO RELATED WASTE

1. Upon completion of operations carried out by each ship, the designated port company should provide for the cleaning of the quays used for such operations, as well as for any areas of water contaminated during the work, using the specialized firm authorized by the Port Authority, in accordance with Ex-Article 68 of the Code of Navigation;
2. The waste in paragraph 1 above shall therefore be appropriately collected and transported for recycling or disposal in accordance with the regulations in force
3. Non-hazardous waste should be consigned separately from hazardous waste. The latter should be handled according to the relevant laws in force.

ARTICLE 9 - CARGO WASTE RESIDUES

1. Cargo waste residues are to be consigned to the service licensee, who shall attend to their removal and transportation to the port facilities;
2. Non-hazardous waste should be consigned separately from hazardous waste. The latter should be handled according to the relevant laws in force.

ARTICLE 10 - LIQUID WASTE

In compliance with the regulations in force, waste from ship's engines and bilge water residues, shall be consigned to the service licensee, who shall attend to their transport to port facilities.
This also applies to biological sewage and ballast water.

ARTICLE 11 - HAZARDOUS WASTE

Hazardous waste not expressly covered in Article 6 above, may be consigned, in accordance with the relevant laws in force, to the service licensee or other specialised companies authorized by the Port Authority.

ARTICLE 12 –SANITARY WASTE

- **Service modality for the collection of waste consisting of expired or revoked medication or pharmaceutical materials (EWC 180101 sharps; EWC 180103 wastes whose collection and disposal is subject to special requirements; EWC180109 non hazardous medicines; EWC180110 amalgam waste from dental care)except cytotoxics and cytostatics**

1. This service shall take place upon specific request of the Shipping Agency and, without prejudice to the ship's obligation to package the waste as per regulations and consign it separately from the others, may be compared to performing the normal waste collection service, taking into account the costs listed in item 3 of the tariff-list.
2. Upon request, this service may be carried out independently from the normal waste collection service but only between 08.00 and 16.00, on working days, from Monday to Friday.
3. Upon request, the service licensee may provide suitable packaging at the costs listed in items 1 and 2 of the tariff-list.

- **Service modality for the collection and destruction of waste consisting of expired or revoked cytotoxic and cytostatic medicines (EWC 180108*)**

1. This service shall take place upon specific request of the Shipping Agency with at least 48 h advance notice (excluding Saturdays and Sundays), taking into account that:
2. On board ship, expired (or revoked) narcotic medicines are to be stored in anti- spill containers, kept separate from non-expired medicines, and always be identifiable through appropriate labelling.
3. Upon arriving in port, the containers shall be consigned to service licensee personnel, under the supervision of the U.S.M.A.F. (Maritime-Air-Frontier Health Office) Doctor, who shall verify the contents of the packages, close them with the lead Office seal and prepare the consignment document, one copy of which shall be presented to the Master of the ship (who shall be responsible for noting the variation in the narcotics loading and unloading book) , one copy shall be presented to service licensee personnel, one copy shall remain in his possession and one shall be sent to the N.A.S. (Police force responsible for combating food and medicine adulteration),
4. Upon receiving the packages, the service licensee personnel shall transport them the authorized incineration facility, with a document certifying their arrival, clearly indicating the integrity of the seals, and destruction.
5. The U.S.M.A.F. (or other U.S.M.A.F. personnel with Criminal Investigation Dept qualification) shall verify that the narcotic arrives at the facility and is incinerated and prepare a destruction report, one copy of which shall be presented to the ship's representative , one copy shall be presented to service licensee personnel, one copy shall remain in his possession and one shall be sent to the N.A.S.
6. The organization of this service and the coordination with the various bodies involved is usually the shipping agent's responsibility. For practical purposes, however, the service licensee may be entrusted with this responsibility, upon specific written application (in relation to the request for services) with at least 48 hours' advance notice. This request shall clearly indicate the date and time when the service is to be performed. **In any case, the performance of this service shall be subject to the service licensee's approval, once the availability of all interested parties has been confirmed**
7. Failure to carry out this service for reasons attaining to the ship shall result in charging a penalty equivalent to 50% of the tariff shown in item 4 of the tariff-list.
8. This service foresees a maximum of 1 hour on board ship for service licensee personnel for receiving the goods and carrying out the necessary operations. Delays in performing the service, for causes attributable to the ship shall result in an extra charge of the equivalent of 10% of the tariff shown in item 4 of the tariff-list, for every additional hour or fraction of an hour.
9. This service may be performed only between 08.00 and 16.00 on working days from Monday to Friday.
10. Upon request, the service licensee may provide suitable packaging at the costs listed in items 1 and 2 of the tariff-list.

ARTICLE 13 – SERVICE LICENSEE OBLIGATIONS

1. As well as respecting the rules in this regulation, the service licensee must observe all those foreseen in Legislative Decree n.152/06, the Plan devised by Livorno Harbour Authority, the rules specified in the Health Ministry Decree dated 04.07.05 –13.03.96 – 22.05.01, and also the ones in the Licensing Act
2. In particular the service licensee must:
 - a) designate a person in charge and a substitute, informing the Harbour Authority and the Port Authority of names and telephone numbers;
 - b) regularly fill in registers and forms regarding the transportation of waste s/he is responsible for and all the other obligations foreseen in Legislative in Articles 190 and 193 of Legislative Decree n.152/06, in particular, those in Articles 11 and 12. In relation to this, except for different provisions in this current regulation, the service licensee shall assume the role of retainer, in accordance with the definitions in the aforesaid decree;
 - c) inform the authority every six months of the quantity and quality of the waste involved in the service performed in the port. This communication is of purely statistical value, does not substitute the one in Article 189 paragraph 3 of Legislative Decree n.152/06, that the service licensee must give in accordance with the law.
 - d) maintain suitable hygienic conditions, with frequent washing and disinfestations in order to prevent the manifestation of pathogenic agents.

ARTICLE 14 SHIP MASTER OBLIGATIONS

1. Prior to arrival in port

a. Notification

Masters of vessels bound for the Port of Livorno must observe, in accordance with Article 6 Legislative Decree n.182 of 24.06.03 and the notification obligations to the Harbour Authority, as prescribed by paragraph 1 of Article 3 of Ordinance n.1/2007, all the information concerning ship generated waste and cargo residues.

A copy of this notification must be sent, by electronic mail to the Port Authority, (rifuti nave@porto.livorno.it) and the Waste service licensee (info@labromare.it)

b. Exemptions

Liner service vessels with frequent regular calls that have specific exemptions as per Article 6.4 and 7.1 of Legislative Decree n.182/03 must forward, by electronic mail, a copy of the provision in enclosure 2 of Livorno Harbour Authority Ordinance n.1/2007.

2. Upon mooring in the port

a) Consignment of waste ashore

Upon consigning the waste the Master of the vessel shall fill out and sign the document in enclosure 2, indicating the type and quantity of the waste being delivered.

b) Exonerations

As an exception to the provisions in paragraph a), vessels categorized as “non-liner” may request authorization to continue to the next port of call without having seen to the total or partial consignment of the waste as per Article 7.2 of Legislative Decree n. 182/03 and with the modalities foreseen in Article 4 paragraph 2 of Livorno Harbour Authority Ordinance n.1/2007

A copy of this authorization shall be forwarded, by electronic mail, to the service licensee and to the Port Authority.

3. Upon departure from the port

The information in paragraph 1, and exoneration or exemption authorizations, are to be conserved on board at least until the next port of call and shall be made available for the competent authority, upon request.

ARTICLE 15 – TARIFFS

The tariffs in force in Livorno Port are shown in enclosure 1 and are applied as follows:

- Standard fees shall be applied to all vessels berthing in the port, on the basis of the daily situation prepared by the Harbour Authority.

- In relation to the quantity of the waste consigned, subdivided into solid, liquid and special wastes, as shown on the delivery document, enclosure 2.
- Vessels berthing in order to consign strictly cargo residues shall not be charged the fixed tariff; only the tariff related to the quantity of the product consigned to the plant shall be applied.
- The tariff on berthing shall be reduced by:
 - 10% for vessels leaving the port without having used the waste collection service, as a result of total exemption or exoneration;
 - 20% for vessels that have consigned completely differentiated waste, as indicated in Article 5 above. In the case of non-differentiated or partially non-differentiated waste, the complete tariff shall be applied.
- Invoices made out by the service licensee must be paid within 30 days from the date of issue.

ARTICLE 16 - RULES REGARDING PENALTIES

Where waste has been disposed of illegally, the Port Authority, as well as applying Article 192 of Legislative Decree 152/06, will order the Master of the Ship, Shipping Agent, or Port company involved, by written communication (or fax), to take steps to remove such waste within the specified deadline; failure to do so will result in a request for damages and for the sums of money advanced.

ARTICLE 17 - REFERENCE TO OTHER PROVISIONS

For anything not specifically covered in this regulation the relevant provisions of the Code of Navigation Regulations and laws in force regarding waste management shall apply.

**ROBERTO PICCINI
PRESIDENT**

Enclosure n.1 – Tariff list

Enclosure n.2 – Delivery document

TARIFF LIST

Collection, transport, recovery and disposal of waste and cargo residues generated by ships in the Port of Livorno

FIXED TARIFFS

For all vessels berthing in the port

Type	GWT	Ordinary tariff	Total exoneration or exemption	With differentiated collection
From cruise ships	Up to 25.000	941,81	847,33	753,86
	Over 25.000	1046,46	941,81	837,17
From cargo and RO/RO cargo vessels	Up to 4.000	159,51	143,25	128,01
	From 4.001 to 18.000	176,79	159,51	141,22
	Over 18.000	194,05	174,75	155,45
From ferries and RO/RO passenger vessels	Up to 4.000	211,32	189,99	168,65
	From 4.001 to 18.000	235,71	212,34	188,97
	Over 18.000	259,08	233,68	207,26

DELIVERY TARIFFS

- **Liquids** (bilge waters 130403, ballast waters 160708)

Per m3 or fraction € 27,78

- **Solids** comparable with urban waste (cabin and galley 200108, paper and cardboard 200101, glass 200102, wood 200138, plastic 200139, metal 200140)

Per m3 or fraction € 19,67

TARIFFS FOR THE COLLECTION OF SPECIAL WASTE

Description	E.W.C	Unit Cost €	Packaging
Tank - cleaning Sludge (muddy, shovelable)	05.01.03*	900,00/ m3.	Open top 200 litre drums each
Paints . Thinners	08.01.21*	590,17/ m3	Tins on pallets
Abrasive throwaway material, containing hazardous substances (usually marking out with paint flakes)	12.01.06*	900,00 / m3.	Open top 200 litre drums each
Pre-selected packaging	15.01.01 – 02 03 – 04 – 07	48,60/ m3	Loose
Mixed packaging	15.01.06	100,68/ m3	Loose
Empty oil- diesel fuel drums	15.01.10	8,68 each.	Loose
Packaging containing hazardous substances (tins and drums from 1 to 40 litres containing oil, grease, paint residues etc.)	15.01.10*	510,00/ m3	Open top 200 litre drums each Big bags with inner liner
Rags, absorbents and filtering materials containing hazardous substances (usually rags and sawdust dirt with oil)	15.02.02*	810,00/ m3.	Open top 200 litre drums each Big bags with inner liner
Non hydrocarbon-contaminated engine waste	15.02.03	138,87/ m3	drums
Used fuel filters	16.01.07*	810 ,00/ m3	Open top 200 litre drums each
Fridges - Freezers-conditioners (equipment containing chlorofluorocarbons)	16 .02 .11 *	65 ,96/ m3	Loose Equipment containing CFC must be consigned complete
Electronic equipment (monitors-RV- cathode tubes in general)	16 .02 .13 *	312 ,45/ m3	Loose
Electronic equipment (central processing units- printers - keyboards -fax etc)	16 .02 .14	243 ,02/ m3	Loose
Electro- domestic equipment (washing machines – dishwashers- kitchens - boilers etc.)	16 .02 .14	83 ,32/ m3	Loose
Mooring Lines	16 .03 .04	94 ,88/ m3	Loose
Single Mattresses	16 .03 .04	4 ,9 each	Loose
Batteries containing mercury Alkaline batteries Other batteries and accumulators	16 .06 .03 * 16 .06 .04 16 .06 .05	1041 ,48/ m3	PVC boxes or on pallets
Other isolating materials containing hazardous substances (usually insulating mineral wool, absolutely not containing asbestos)	17 .06 .03 *	510 ,00/ m3	Big bags with inner liner
Ash material	19 .01 .14	208 ,30/ m3	Plastic bags and cardboard

Neon tubes	20.01.21*	0,69 each	In cardboard boxes
Used cooking vegetable oil	20.01.25	€ 124,97 per operation Up to 200 lt. + €. 0,14 for each surplus lire	Closed drums
Sludge Minimum quantity 25 m3.	20.03.04	93,74/ m3	Loose (collection with tank trucks)

It is to be understood herewith the necessity of subjecting non- identified waste to analyses, as per European Decision 2001/118/EC, in view of classifying them and determining the cost of their disposal.

PACKAGING TARIFFS

1. Coloured polyethylene bags (see waste procedures) € 0,50 each (pack of 50)
2. Big 1000 bags each with inner liner € 13,50 each
3. Open-top 200 litre drums € 14,50 each
4. Super 280 litre drums for deteriorated drum reconditioning € 150,00 each
5. Palletized 1000 litre tanks € 140,00 each

TARIFFS FOR SANITARY WASTE

ITEM	DESCRIPTION	UNIT OF MEASUREMENT.	UNIT COST
1	Providing Packaging (box) from 40 lt.	each	€ 2,28
2	Providing Packaging (box) from 60 lt.	each	€ 3,19
3	Collection of waste consisting of expired or revoked medication or pharmaceutical materials (EWC 180101 sharps; EWC 180103 wastes whose collection and disposal is subject to special requirements; EWC180109 non hazardous medicines; EWC180110 amalgam waste from dental care) except cytotoxics and cytostatics	Service + per box	€ 51,21 € 39,83
4*	Collection and disposal of of waste consisting of expired or revoked cytotoxic and cytostatic medicines (EWC 18.01.08*, EWC 18.02.07*)	Fixed rate	€ 557,55

ALL COSTS SHOWN IN THE TABLE ABOVE, ARE APPLICABLE TO WASTE CONSIGNED IN STANDARD PACKAGES (ITEMS 1 AND 2). FOR TYPES AND/OR QUANTITIES OF WASTE NON-PACKAGEABLE AS SHOWN, THE SERVICE LICENSEE SHALL ISSUE SPECIFIC COST ESTIMATES FOR EACH SERVICE REQUIRED

CARGO RESIDUE TARIFFS

- | | |
|--|---------------------------------------|
| 1. Hydrocarbon slops (CER 13.07.01 – 13.07.02 – 13.07.03) | € 72,00/ m ³ . or fraction |
| 2. Non hazardous solids | € 36,00/ m ³ . or fraction |

For other cargo residues the tariffs will have to be agreed upon prior to delivery.

GENERAL DISPOSITIONS

- The service is programmed for the following times:
 - **Solid waste:**
 - From 7 a.m. to 9 pm From Monday to Saturday
 - From 7 a.m. to 1 pm Sundays and public holidays
 - **Liquid waste:**
 - From 7 a.m. to 9 pm From Monday to Saturday
 - **Sanitary waste:**
 - From 8 a.m. to 4 pm From Monday to Friday
- **Outside working hours a team is available on call for operations 24 hrs a day 365 days a year...**
 - Surcharge for operations outside programmed working hours: **€ 243,84 per operation**
 - Surcharge for ship berthing in the roads **+50% fixed rate**
- **In particular for the collection of liquid waste:**
 - If the ship does not see to pumping operations, but employs the service licensee's pump plus operator **€/h (or fraction) 30,48**
 - The tariff per m³ includes a 4h vessel berthing time
 - For every additional hour or fraction of an hour over the 4h vessel berthing time :
 - If during the programmed working time: **€/h (or fraction) 60,96**
 - If outside programmed working time: **€/h (or fraction) 81,28**
 - **Minimum invoiceable 10 m³.**
- Vessels berthing in order to consign strictly cargo residues shall not be charged the fixed tariff; only the tariff related to the quantity of the product consigned to the plant shall be applied.

A.T.I.**Labromare** s.r.l.uSede: LIVORNO - Via Quagliolini, 10/b
Tel. 0586.44.79 - Fax 0586.409.748

e-mail: info@labromare.it - sito Internet: www.labromare.it

A.A.M.P.S.Azienda Ambientale
di Pubblico Servizio Spa
Livorno**SERVIZIO RIFIUTI A BORDO NAVI**
SERVICE FOR COLLECTION OF WASTES FROM SHIPSM/N
VesselAgenzia
AgencyCon Barca
By boatCamion
By lorryAltre
OthersConsegna differenziata
Diversified delivery YES NOPompaggio nave
Pumping vessel YES NOBUONO N. F/
Order number

N°

Data
DateDalle ore
From hourAlle ore
To hourSacchi di plastica consegnati alla nave n°
plastic bags delivered to-vessel n°Rifiuti solidi ritirati
Solid wastes for disposalRifiuti alimentari misti Extra U.E. o Sardegna
Mixed food wasted originating outside E.E.C. or Sardegna

20.03.01 mc. _____

Materiale cat. 1 Reg. 1774/2002/CE da smaltire ai sensi del D.M. 22/05/2001Rifiuti alimentari misti provenienza U.E.
Mixed food wasted originating inside E.E.C.

20.03.01 mc. _____

Carta
Paper

20.01.01 mc. _____

Legno
Wood

20.01.38 mc. _____

Vetro
Glass

20.01.02 mc. _____

Plastica
Plastic

20.01.39 mc. _____

Acciaio/Alluminio
Steel/Aluminium

20.01.40 mc. _____

Altri rifiuti urbani non specificati
Others municipal wastes not otherwise specifiedOlio vegetale esausto 20.01.25 mc. _____
Edible oil and fatAltri rifiuti speciali non specificati
Others special wastes not otherwise specified

_____ mc. _____

_____ mc. _____

_____ mc. _____

Rifiuti da sottoporre ad analisi come da
Decisione Europea n. 2001/118/CE
Wastes to be tested as per E.D. n. 2001/118/CERifiuti liquidi ritirati
Liquid wastes for disposalAcque di sentina 13.04.03* mc. _____
Bilge waterAcque di zavorra 16.07.08* mc. _____
Ballast waterLiquami 20.03.04 mc. _____
SewageAltri _____ mc. _____
OthersRifiuti speciali
Others special wastesDi macchina non contaminati da sostanze pericolose
From engine room not contaminate with dangerous materials

15.02.03 mc. _____

Rifiuti di stiva 15.01.06 mc. _____
Wastes of holdImballaggi in legno 15.01.03 mc. _____
Packing of woodImballaggi metallici 15.01.04 mc. _____
Packing of metalAltri rifiuti _____ mc. _____
Others wastesIl Comando della nave dichiara che i rifiuti consegnati al
Concessionario del servizio con il presente buono
corrispondono per tipologia e quantità a quanto sopra indicato.
The Vessel's Master declares that the wastes handed to the of the service's Contractor by
the present form are in conformity with the classifications and quantities above indicated.
Ordinanza dell'Autorità Portuale n. 21 dell' 08-08-2006
By Order of Port Authority, Regulation n° 21 of 08-08-2006L'Ufficiale di bordo
Vessel's Officer in charge