



TARANTO PORT AUTHORITY

Attachment II (art. 14 co. 2 Legislative Decree 182/03)

GENERAL INFORMATION ABOUT HOW TO HANDLE SHIP-GENERATED WASTE AND CARGO RESIDUES IN THE PORT OF TARANTO.



Non-binding Courtesy Translation

This is an English courtesy free translation of the original documentation prepared in Italian language. Please consider that only the original version in Italian language has legal value and that, in case of discrepancy between the two versions, the Italian one will prevail.

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1. brief reference to fundamental importance of proper delivery of ship-generated waste and cargo residues;

The management/handling of ship-generated waste and cargo residues in the Port of Taranto is an important activity, of general interest, to be developed and supplied, against payment, to users, according to Article 6, point 1 (c) of the Italian Law 84/94 and its subsequent amendments, and according to the Ministerial Decree of the 14th November 1994 on the “identification of services of general interest supplied to port users, against payment, in port domain”.

The national Rules and regulations that are at the basis of the present document are the Legislative Decree no 152 of the 3rd April 2006 on the “Environmental legislation” and its subsequent amendments-the 4th part of this decree includes “legislation on the waste management and draining of contaminated site”. The Legislative Decree no 182 of the 24th June 2003 is aimed at fully implementing, in Italy, the Communitarian regulation **2000/59/CE** on port facilities aimed at collecting ship-generated waste and cargo residues.

All the activities related to the collection and Management of waste is also regulated by the procedures listed on the “Collection and handling of waste Plan” of the Port of Taranto developed by the Taranto Port Authority, and approved up by the Apulia Region, by decision no. 1407 of the 12/06/2015 .

General ship-generated-waste, according to the purposes pinpointed by the article 178 of the Legislative Decree no. 152/06 and following amendments, must be gathered and dumped with no danger for man’s health and avoiding any methods or procedures that can damage the environment in any way, and particularly:

- with no risks for water, air and soil and no risk for fauna and flora;
- avoiding noises and bad smells;
- avoiding any actions that would harm the environment and negatively affect interesting landscapes that are currently protected by law.

The management of waste aligns with the principle of cooperation and responsibility of all the bodies and authorities involved in the process of production, distribution, and use of goods originating waste, and observing the related national, communitarian and international regulations.

This notice is addressed to all port users, operators and administrations, working within the port domain in Taranto, such as:

- Harbor Master’s office
- Maritime Sanitary Office
- Port Veterinary Office
- The province of Taranto
- Merchantmen and passengers, liners, ships, military ships and recreational crafts, irrespective of their flag, operating within or calling at the port of Taranto;
- Private operators and agents operating in the port;
- Port Nautical operators (s.a. dock pilots, tug operators, mooring operators)
- Forwarding agents;
- Port chemists;
- Services/ delivery facilities concessionaires;
- state-owned domain concessionaires.

2) location of port reception facilities applicable to each berth with diagram/map;

The Port facilities available in the port of Taranto are mainly made up of some nautical means, collecting waste directly aboard, and of two fixed ecological areas, where used oils, filters and

exhausted lead batteries are collected. (Please note the chart in the attachment).

3) *list of ship-generated waste and cargo residues normally dealt with;*

In the last 3 years, in the port of Taranto, the following types of waste have been managed:

E.W.C.	Denomination
080318	Exhausted toner
120101	Limatura /Iron Chips
120112	Exhausted waxes and blubbers
120199	other unspecified waste
150101	Paper and cartoon packaging
150102	Plastic packaging
150103	Wooden packaging
150106	Multi material Packaging
160103	Exhausted Wheels
160119	Plastica/ Plastic
160214	Exhausted/dismissed devices, different from the types listed from nr. 160209 to 160213
160509	Wasted chemical substances
170201	Wood
170405	Iron and Steel
170604	Other insulating materials, different from ones listed from nr. 160209 to 160213
180109	Medicines (different from the ones listed at nr. 180108)
190899	Undefined Liquid
190906	Regeneration solutions and muds of ionic exchange resins
200101	Paper and Cartoon
200102	Glass
200136	Exhausted.electric devices
200138	Wood
200139	Plastic
200141	Ash
200301	Urban Waste that can be treated as urban waste.
150202*	Discarded material originated by the decontamination process

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*** Ubicazione: Porto Mercantile 74100 Taranto ** Tel: 099/4711611 ** Fax: 099/4706877*

***E-mail: authority@port.taranto.it **Cod. Fisc.: 90048270731 ***

Indirizzo postale: Cas. Post. Aperta Taranto Succ. 2 - 74100 - Taranto -

160107*	Oil filters
160601*	Lead Battery
180103*	Extra EU Food waste
200121*	Fluorescent Tubes
200133*	Batteries and Accumulators
16.07.08	Oil content waste
13.04.03	Bilge oils
13.05.02	General Muds produced by the separation process between water and oil

Other kind of waste may be treated by existing port facilities, as long as current regulations are respected.

4) List of the Managing Authorities;

Detailed information-concerning the waste Managing Authorities- port reception, handling and disposal facilities are illustrated as follows:

- a. Ecologica Sud Company by Vito D'Angiulli: used oils collection, unloaded by fishing and recreational vessels and ships, as well as used filters and exhausted lead batteries are collected in two reception facilities, located in the port domain.
- b. Nigromare S.r.l Company: merchant ship-generated waste collection generated by vessels docked in the port of Taranto, offshore, beyond roadsteads/within roadsteads in Mar Grande
- c. RTI Morfini S.p.A./Hydrochemical S.p.A Company: collection and transport of bilge waters, slops, sludge having a flashpoint higher than 60°C and the merchant ship ballast water.

5) list of contact points, the operators and the services offered

a. Port Reception Facilities

- East Gate: Security Guard at east gate;
- Port services dock: Ecotaras Company;

b. Nigromare S.r.l.

- Contact Person: Mr. Salvatore D'Ancona
- office ph. nr: 099 4707604
- office fax nr.: 099 4600994
- E-mail address: nigromare@libero.it
- mob.nr.: +39 3385261871

c. RTI Morfini/Hydrochemical

- Contact Person: Cap. Cormio Carlo
- office ph. nr: 099 4608015
- office fax nr.: 099 4608015

- E-mail address: conferimenti.ati@morfinispa.it
- mob.nr.: 3351390686
- M/c “solaria”- mob.nr. on board: +39 3355765750

6) *description of procedures for delivery;*

Procedures adopted by the single waste managers working in the port domain:

a. Port reception facilities.

The exhausted oils - resulting from the change of lubricating oils carried aboard smaller merchant ships, fishing vessels and /or recreational crafts calling at the port of Taranto – must be provisionally deposited, by the master of the same ships, in the specially provided port reception facilities.

It is strictly forbidden the delivery of waste containing polychlorinated dibenzo-p-dioxins, polychlorinated dibenzofuran and polychlorinated dibenzophenols exceeding the 2,5 parts-per-million (ppm), polychlorinated biphenyls and polychlorinated terphenyls exceeding the 25 parts-per-million (ppm).

At the time of the delivery of exhausted oils, the above mentioned masters must adopt any useful device in order to prevent the pouring out of the same lubricants within the quay or rather the dumping at sea within the stretches of waters involved in the relevant operations.

Waste disposal, in the absence of staff in charge of the control of the ordinary disposal operations, is forbidden.

Information concerning the opening hours and the conditions for accessing the relevant facilities is made available by communication directly published on the same facilities.

b. Solid waste and solid cargo residues and solid residues associated to cargo.

At the beginning of the work shift, the master, together with the refuse collector, has to assess the current weather/sea conditions. If they are in line with the requirements established by the Harbour Master’s Office for the safety of port traffic, he starts the reception and transport operations of ship-generated waste by sea, according to the daily plan developed by the company in charge of the service.

The refuse collector, through a gangway or a ladder, goes on board the ship with all the necessary equipment and compulsory documents, to meet the master or his delegate in order to provide information about the delivery of waste.

Once the approval has been given, the refuse collector carries out preventive inspections on the area of the ship dedicated to the deposit of waste in order to determine the packing conditions and the real differentiation of waste, in compliance with the Ordinance by the Harbour Master’s Office nr. 116/94; furthermore, he determines as precisely as possible the quantity in volume per each type of waste. The refuse collector does not enter the crew or kitchen areas unless requested by the crew.

The refuse collector confirms the Master to have carried out the inspection and suggests the best position to approach the ship for the delivery of ship-generated waste.

The Master approaches the ship in the given point and prepares the bag with double opening or the container with a lid for fastening the rope paid out by the collector from the ship.

The refuse collector prepares the handling container and/or bag in order to transfer each type of waste one at a time, thus ensuring the mouth of the bag or the lid of the container.

The refuse collector provides for the transfer of the bag/lidded container on the motorboat while the master provides for the transfer of the refuses from the bag/container into the collection tank used for the type of waste during handling operations.

Any further type of waste deposited in a differentiated way in the storage areas of the ships (i.e. cloths

and protective clothing, batteries and accumulators, empty paint, solvents, oil containers) have to be gathered, transferred and separately collected in dedicated and identified containers.

Once completed the transfer of the waste, the master releases the bag/container from the rope, placing it on the motorboat and the refuse collector retrieves the rope from aboard the ship.

The refuse collector confirms the collection of the waste to the master or his delegated, delivers the spare PET bags and requires the final approval on the form "Collection confirmation note" in triplicate, duly filled in.

The refuse collector releases the first copy of the "Collection confirmation note", gathers all work equipment and moves on the motorboat.

The caissons dislocated on the motorboats are arranged for the loading of the most frequent types of waste, together with bulk waste, as follows:

- a. EWC 20.01.08 organic waste;
- b. EWC 20.01.39 plastic and plastic objects;
- c. EWC 20.01.37 or CER 20.01.38 wood;
- d. EWC 20.01.20 metals and metal objects;
- e. EWC 20.01.02 glass (except for fluorescent tubes);
- f. EWC 20.01.01 paper and cardboard.

- Medical waste

The service for the collection of medical waste is provided by the operator at the time of the collection of municipal waste. Medical waste is delivered from the ship in separate bags or, in the case of waste at risk of infection, in special containers (complying with Presidential Decree nr. 254 of the 15 July 2003).

The operator gives the master the suitable containers, together with the information on how to split waste at the time of its production. Medical waste, depending on their typology, are subsequently delivered to a dumping ground or waste sterilizer or directly to an incineration plant.

- Special hazardous and non-hazardous waste

The collector operates with the means deemed most suitable (by sea or by land) according to the size and nature of the waste to be collected. If necessary, he proceeds with any other repackaging and labelling procedures.

The collected waste is then transferred directly to the disposal or recovery facilities or, subject to proper authorization, temporarily stocked in the equipped plant or in other areas equipped with authorized and suitable areas and containers.

Ships always deliver waste in bags. Derogation is allowed only to the waste whose size does not enable the bagging. Non-hazardous special waste is collected by the operator at the time of the collection of solid urban and assimilated waste.

- Sewage

The collection and disposal service of wastewaters is carried out by the operator at the request of the ship through the concerned Maritime Authority.

c. Liquid waste, liquid cargo residues and liquid residues associated with cargo.

The collection and transport of bilge waters, slops, sludge having a flashpoint higher than 60°C and the merchant ship ballast water has to be carried out daily, including holidays, and is performed mainly by vessels in accordance with the local current regulations.

Ships calling at the port of Taranto, in order to allow the planning of the service, have to submit to the concessionaire, within 24 hours before the scheduled berth through the Maritime Authority concerned, the attachment A of the Directive 2009/59/CE complete with all the information required.

The managing body controls all the notifications received in order to verify that all information provided allow the planning of daily activities, according to both the typology and the quantity of waste to be collected.

Considering the aim to reduce the discharge into the sea, notably the illegal ones, of waste and cargo residues generated by the ships operating the port of Taranto, as well as to enhance the availability and use of port waste reception facilities, during the planning of activities, the concessionaire has to follow the following priority criteria:

1. It takes priority over others the ship whose departure is scheduled in the shorter term and has on board the largest quantity of waste;
2. It takes priority over others the ship whose remaining storage capacity, considering the waste to be delivered and the estimated quantity of waste to be generated between the notification and the call, is smaller;
3. It takes priority over others the ship which arrived first in the port of Taranto.

According to the information acquired and taking into account all priorities, the concessionaire organizes the barge's daily work plan that is afterwards transmitted to the Maritime agencies by 10:00 a.m. of the day before. Any changes can be requested by 12:00 by the Agency concerned in order to allow any possible revision of the service work plan to be then notified again by 4:00 p.m. of the same day.

7) description of fees and rating system;

Port reception facilities: the collection of exhausted oils, filters and lead-based batteries, produced by the smaller units, by fishing vessels and recreational crafts is free of charge for the port users;

Waste reception services: as foreseen by art. 8 of the decree 182/2003, charges relating to port reception facilities for the collection of ship generated waste or rather those relating to the collection services, including both the investment, processing and disposal ones, are covered by a fee to be paid by those ships calling at the port.

In order to determine the tariffs, an analysis of the fees fixed in similar Italian ports has been carried out, along with the fees existing in the port for the collection made over the past years so to implement tariffs to be considered as available under a tender procedure.

The collection of solid waste generated by merchant ships calling at the port of Taranto – as far as the management of urban or assimilable waste is concerned – is carried out daily, thus the fee applied covers the 35% of fixed costs afforded by the concessionaire.

The collection and/or disposal of bilge waters, slops, etc., foresees a fixed fee for those ships that, departing from art. 7 co. 2 of the Decree 182/03, do not supply waste and are not related to a fee for the use of the service, both in terms of quantity and typology of waste.

The fixed tariff is not provided for those ships delivering waste.

The fees for the solid and liquid waste management services are differentiated according to the type of waste to be collected and to the type of ship. The ordinances – available on the website <http://www.port.taranto.it/it/autorit%C3%A0-portuale/ordinanze-e-regolamenti.html> - concerning the

current services are as follows:

1. Ord. nr. 08/14 of 26/08/2014 concerning the tariffs for waste generated by merchant ships calling at the port of Taranto, being at anchor or in dock, out of bay or in bay port;
2. Ord. nr. 10/15 of 10/09/2015 concerning the “regulation for the service of collection, transport, reclamation and/or disposal of bilge waters, slops, sludge with flash points higher than 60°C and ships ballast water”;
3. Ord. nr. 15/15 of 29/10/2015 concerning the tariffs for the bilge waters, the slops, the sludge with flash points higher than 60°C and the ballast water.

8) procedures for reporting inadequacies of port reception facilities

The master of the ship that makes use of the port reception and management facilities of residues and ship generated waste, in the evident case of inadequacies during the execution of the service, has to provide a written communication aimed at signaling the inadequacies to the Port Authority and Maritime Authority.

Here is attached the form for reporting alleged inadequacies of port reception facilities, along with an informative brochure to be handed over the masters of the ships calling at the port of Taranto.

Form for reporting alleged inadequacies of port reception facilities (in line with lett. g) of art. 1 of the leg. Decree n. 182 of 24.06.2003)

To: Ministry for Health

Email: USMA.Taranto@sanita.it

Harbour Master's Office

Email: cp-taranto@mit.gov.it

Local Health Authority

Email: spesalasla@libero.it

Taranto Port Authority

Email: authority@port.taranto.it

Subject: Report on alleged inadequacies of port reception facilities.

Via mail

I, the undersigned _____ born in _____ on _____, Master of the M/N _____

REPORT

The following inadequacy concerning the following port waste/slops reception facility:

Concessionaire _____;

Date of the alleged inadequacy _____;

Grounds of the inefficiency:

Taranto, date _____

Sincerely

Signature
