

***TARIFF FOR THE PROVISION OF LIQUID WASTE RECEPTION FACILITIES AT
PATRAS PORT AUTHORITY (Patras P.A. S.A.)***

FEES AND RATES FOR THE PROVISION OF LIQUID WASTE RECEPTION FACILITIES

All services required to provide adequate ship liquid waste reception facilities are covered by the charging system indicated. A charging system that is deemed more appropriate and equitable in terms of both environmental protection and the proper and integrated provision of liquid waste reception facility services has been selected.

All vessels calling at Patras Port Authority jurisdiction area are subject to fees and rates for the provision of the Services being the subject matter hereof.

Initially, all vessels are classified into two major categories:

- A) Vessels engaged in **SCHEDULED ROUTES WITH FREQUENT AND REGULAR PORT CALLS** and
- B) Vessels engaged in **UNSCHEDULED ROUTES** in various ports.

A. VESSELS ENGAGED IN SCHEDULED ROUTES WITH FREQUENT AND REGULAR PORT CALLS

Vessels engaged in scheduled routes with frequent and regular port calls are further classified into various subcategories depending on the specific characteristics of each ship, such as: ship type, horsepower, fuel type, hours of sailing, liquid waste storage capacity, design and construction of the ship, routes, etc. A fixed reciprocative fee is applied for these ships for the use of the facilities. Indicatively, the fee covers one delivery of liquid waste per month of up to twenty (20) m³. If additional services are required for the vessel, such as the delivery of additional quantities of liquid waste, or if there is a discrepancy between the fees paid by the ship and the respective delivery cost, the vessel is additionally charged for these services in accordance with the rates for the provision of liquid waste reception facilities (par. E).

The Waste Reception Facilities Office collects these fees within the first five days of the month, with invoices issued by Patras P.A. S.A.

B. VESSELS ENGAGED IN UNSCHEDULED VOYAGES

For vessels engaged in unscheduled routes, the charging system, which is used in most of the larger Greek ports and many European ports, has been adopted. This system, which is discussed in par. D. of this Tariff, requires the payment of a fee based on the GRT of the vessel upon arrival within the jurisdiction area of Patras PA S.A. In the event that the vessel delivers her liquid waste (according to ANNEX I of the I.C. MARPOL 73/78) at the reception facilities and submits the payment documents for the invoices relating to the deliveries made, a part of the fee is returned to the vessel after her departure from the jurisdiction area of Patras P.A. S.A., after deducting 15% for the operating cost of the reception facilities and 5% for the cost of development - operation and maintenance of the liquid waste reception facilities software application. The rate for liquid waste delivery is determined by the type and quantities of waste delivered. However, if the ship does not deliver liquid waste (according to ANNEX I of the I.C. MARPOL 73/78), Patras P.A. S.A. and the Service Provider of the liquid waste reception facilities services shall retain the total amount of the fee.

The Waste Reception Facilities Office collects these fees upon the arrival of the ship, with invoices issued by Patras P.A. S.A. In the event of debt or delayed payment of fees, the provisions of Article 20(10) of Law 3622/2007 will apply.

C. FIXED RECIPROCATIVE FEES FOR LIQUID WASTE RECEPTION FACILITIES FOR SHIPS ENGAGED IN SCHEDULED ROUTES WITH FREQUENT AND REGULAR PORT CALLS

1. Open-type Ro-Ro / Passenger ships

Daily fixed fee with respect to liquid waste reception facilities for liquid oil residues

(During the time-period in which they are engaged on voyages)

Four euros and seventy-five cents (€4.75)/day

For liquid oil residues, the fixed reciprocal fee corresponds to 75% of the respective delivery cost (par. E.) and covers one delivery of up to 8m³ during the same calendar three-month period (for which these fees have been paid), as well as up to two (2) hours of truck engagement for each vessel at a time. However, if the truck's engagement time or quantity is exceeded, or delivery takes place outside of working days or hours, or such vessels require more than one (1) delivery in the same calendar three month period, or there is a discrepancy between the amount of fees paid by the vessel in the same calendar three month period and 75% of the respective delivery cost (par. E.), there shall be an additional charge in accordance with par. E. of the rates for the provision of liquid waste reception facilities.

2. CLOSED TYPE RO/RO PASSENGER SHIPS

These vessels are classified into two categories depending on the amount of their liquid waste production and their liquid waste storage capacity.

Each vessel's classification is done once, according to the following formula:

$$\lambda = \frac{P\omega}{S\omega} \times P_s$$

Where $P\omega$ = 1% of monthly fuel consumption in m³

$S\omega$ = the vessel's liquid waste storage capacity in m³

P_s = Safety factor = 0.8

If the value of λ is less than or equal to 0.5 the vessel shall be classified as subcategory A.

If the value of λ is greater than 0.5 the vessel shall be classified as subcategory B.

2.1 Subcategory A (λ is less than or equal to 0.5)

Daily fixed fee with respect to liquid waste reception facilities for liquid oil residues

(During the time-period in which they are engaged on voyages)

Nine euros and fifty cents (€9.50)/day.

For liquid oil residues, the fixed reciprocal fee corresponds to the respective delivery cost (par. E.) and covers one delivery of up to 20m³ during the same calendar two-months period (for which these fees have been paid), as well as up to two (2) hours of truck engagement for each vessel at a time. However, if the truck's engagement time or quantity is exceeded, or delivery takes place outside of working days or hours, or such vessels require more than one (1) delivery in the same calendar two months period, or there is a discrepancy between the amount of fees paid by the vessel in the same calendar two-months period and the respective delivery cost (par. E.), there shall be an additional charge in accordance with par. E. of the rates for the provision of liquid waste reception facilities.

2.2 Subcategory B (λ is greater than 0.5)

Daily fixed fee with respect to liquid waste reception facilities for liquid oil residues

(During the time-period in which they are engaged on voyages)

Nineteen euros (€19.00)/day.

For liquid oil residues, the fixed reciprocal fee corresponds to the respective delivery cost (par. E.) and covers one delivery of up to 20m³ during the same calendar one-month period (for which these fees have been paid), as well as up to two (2) hours of truck engagement for each vessel at a time. However, if the truck's engagement time or quantity is exceeded, or delivery takes place outside of working days or hours, or such vessels require more than one (1) delivery in the same calendar one-month period, or there is a discrepancy between the amount of fees paid by the vessel in the same calendar one-month period and the respective delivery cost (par. E.), there shall be an additional charge in accordance with par. E. of the rates for the provision of liquid waste reception facilities.

3. Cruise ships with frequent and regular calls

Daily fixed fee with respect to liquid waste reception facilities for liquid oil residues (During the time period in which they are engaged on voyages and provided that they have at least one scheduled weekly call in the jurisdiction area of Patras P.A. S.A.)

Nineteen euros (€19.00)/day.

For liquid oil residues, the fixed reciprocal fee corresponds to the respective delivery cost (par. E.) and covers one delivery of up to 20m³ during the same calendar one-month period (for which these fees have been paid), as well as up to two (2) hours of truck engagement for each vessel at a time. However, if the truck's engagement time or quantity is exceeded, or delivery takes place outside of working days or hours, or such vessels require more than one (1) delivery in the same calendar one-month period, or there is a discrepancy between the amount of fees paid by the vessel in the same calendar one-month period and the respective delivery cost (par. E.), there shall be an additional charge in accordance with par. E. of the rates for the provision of liquid waste reception facilities.

4. Passenger high-speed crafts (Hydrofoil & Catamaran)

Daily fixed fee with respect to liquid waste reception facilities for liquid oil residues

(During the time-period in which they are engaged on voyages)

Four euros and forty-three cents (€4.43) / day.

For liquid oil residues, the fixed reciprocal fee corresponds to 70% of the respective delivery cost (par. E.) and covers one delivery of up to 5m³ during the same calendar three-month period (for which these fees have been paid), as well as up to two (2) hours of truck engagement for each vessel at a time. However, if the truck's engagement time or quantity is exceeded, or delivery takes place outside of working days or hours, or such vessels require more than one (1) delivery in the same calendar three-month period, or there is a discrepancy between the amount of fees paid by the vessel in the same calendar three-month period and 70% of the respective delivery cost (par. E.), there shall be an additional charge in accordance with par. E. of the rates for the provision of liquid waste reception facilities.

5. TUGBOATS, WATER CARRIERS & VESSEL SUPPLY TANKERS

Monthly fixed fee with respect to liquid waste reception facilities for liquid oil residues

(During the period in which they are engaged on voyages)

One hundred and thirty-three euros (€133.00) /month

For liquid oil residues, the fixed reciprocal fee corresponds to 70% of the respective delivery cost (par. E.) and covers one delivery of up to 5m³ during the same calendar three-month period (for which these fees have been paid), as well as up to two (2) hours of truck engagement for each vessel at a time. However, if the truck's engagement time or quantity is exceeded, or delivery takes place outside of working days or hours, or such vessels require more than one (1) delivery in the same calendar three-month period, or there is a discrepancy between the amount of fees paid by the vessel in the same calendar three-month period and 70% of the respective delivery cost (par. E.), there shall be an additional charge in accordance with par. E. of the rates for the provision of liquid waste reception facilities.

This category is given the option of delivering their liquid wastes to the Service Provider's facility. In this case, the fixed monthly fee is reduced by 50%.

Sixty-six euros and fifty cents (€66.50) /month

For liquid oil residues, the fixed reciprocal fee is 35% of the respective delivery cost (par. E.) and covers one delivery of up to 5m³ during the same calendar three-month period (for which these fees have been paid), as well as up to two (2) hours of truck engagement for each vessel at a time. However, if the truck's engagement time or quantity is exceeded, or delivery takes place outside of working days or hours, or such vessels require more than one (1) delivery in the same calendar three-month period, or there is a discrepancy between the amount of fees paid by the

vessel in the same calendar three-month period and 35% of the respective delivery cost (par. E.), there shall be an additional charge in accordance with par. E. of the rates for the provision of liquid waste reception facilities.

6. Freighters under 1,000 GRT with frequent calls at jurisdiction area of Patras P.A. S.A. (at least 2 calls per month)

Daily fixed fee with respect to liquid waste reception facilities for liquid oil residues

(During the time-period in which they are engaged on voyages)

Five euros and six cents (€5.06)/day.

For liquid oil residues, the fixed reciprocal fee is 80% of the respective delivery cost (par. E.) and covers one delivery of up to 10m³ during the same calendar three-month period (for which these fees have been paid), as well as up to two (2) hours of truck engagement for each vessel at a time. However, if the truck's engagement time or quantity is exceeded, or delivery takes place outside of working days or hours, or such vessels require more than one (1) delivery in the same calendar three-months period, or there is a discrepancy between the amount of fees paid by the vessel in the same calendar three-month period and 80% of the respective delivery cost (par. E.), there shall be an additional charge in accordance with par. E. of the rates for the provision of liquid waste reception facilities.

7. Tender boats

Monthly fixed fee with respect to liquid waste reception facilities for liquid oil residues

(During the time-period in which they are engaged on voyages)

Fifty-seven euros (€57.00) /month

For liquid oil residues, the fixed fee is 10% of the respective delivery cost, in accordance with par. E. of the rates for the provision of liquid waste reception facilities.

Regarding liquid oil residues, these vessels will deliver her liquid residues to tanks that will be placed in appropriate areas at the suggestion of Patras P.A. S.A.

If there is a discrepancy between the amount of the fees paid by the vessel and 10% of the respective delivery cost (par. E.), there shall be an additional charge in accordance with par. E. of the rates for the provision of liquid waste reception facilities. In case that these vessels require truck for direct delivery, there shall be an additional charge in accordance with par. E. of the rates for the provision of liquid waste reception facilities.

8. Pleasure crafts (licensed to carry more than 12 passengers)

These vessels are divided into docking vessels, which are charged a fixed monthly fee, and passing vessels, which are charged a fixed fee per arrival.

For docked vessels: Fifty-seven euros (€57.00) /month

For passing vessels: Fifty-seven euros (€57.00) /arrival

For liquid oil residues, the fixed fee is 10% of the respective delivery cost, in accordance with par. E. of the rates for the provision of liquid waste reception facilities.

Regarding liquid oil residues, these vessels will deliver her liquid residues to tanks that will be placed in appropriate areas at the suggestion of Patras P.A. S.A.

If there is a discrepancy between the amount of the fees paid by the vessel and 10% of the respective delivery cost (par. E.), there shall be an additional charge in accordance with par. E. of the rates for the provision of liquid waste reception facilities.

In case that these vessels require truck for direct delivery, there shall be an additional charge in accordance with par. E. of the rates for the provision of liquid waste reception facilities.

9. Fishing vessels - Pleasure crafts < 12 passengers

Fishing vessels and pleasure crafts, licensed to carry up to 12 passengers, are exempt from the obligation to pay fixed fees, in accordance with the applicable legislation and the Reception and Management Plan of Patras P.A. S.A. Regarding their liquid oil residues, fishing vessels and pleasure crafts will deliver her liquid residues to a tank that will be placed in a suitable location at the suggestion of Patras P.A. S.A., in a way allowing users to dispose of their oil waste there.

The service of delivering liquid waste to the above tank will be provided at no cost. In case that these vessels require truck for delivery direct to it, there shall be an additional charge in accordance with par. E. of the rates for the provision of liquid waste reception facilities.

10. REMARKS

The below aforementioned remarks refer to all of the fees mentioned above.

(a) The above stated daily reciprocative fees will be calculated on all calendar days of the month (30 days), regardless of their calls at the jurisdiction area of Patras P.A. S.A. during the period in which they are engaged on voyages. (Staying a few hours, a day is charged as a whole day). During periods of time that are not considered navigable they do not pay fees.

(b) If a vessel falling under the said fee scheme is withdrawn from voyages for any reason whatsoever and has delivered or intends to deliver her liquid oil residues without having paid the full amount of the fees corresponding to her for the specific time-period, she shall also be charged with the balance of the fees that would be due, had the vessel continued her voyages.

(c) Customs procedures for the delivery of liquid residues

Customs procedures are required for every liquid waste delivery, which will be carried out with the Service Provider's care and the served vessel's expense. The cost of these customs procedures is today **one hundred euros (€100.00)** and will be included in the invoice issued by the Service Provider to the serviced vessel.

(d) The tanks to be installed on the piers, as specified in the preceding paragraphs, will be installed at no additional cost to Patras P.A. S.A., at a location to be specified by Patras P.A. S.A. and after obtaining any relevant authorization. Patras P.A. S.A. is responsible for inspecting the tanks' filling and notifying the Service Provider to evacuate them.

D. VESSELS ENGAGED IN UNSCHEDULED VOYAGES

Every vessel (trucks, tankers, passenger ships, cruise ships, tugs, etc.) calling at the jurisdiction area of Patras P.A. S.A. (Cargo vessels, freighters, tankers, passenger ships, cruise ships, tugs, etc.) must submit the form of Annex II to the JMD through its legal representative and pay a liquid waste management fee.

In the event of debt or delayed payment of the fee, the provisions of Article 20(10) of Law 3622/2007 will apply.

LIQUID RESIDUES FEES

The fee for vessels is calculated using the formula:

$$T = \sigma_T \times \sigma_M$$

where:

T = fee

σ_T = fixed factor for liquid residues management = 200

σ_M = vessel size (GRT) dependent factor

VESSEL SIZE	σ_M
GRT = 0 - 1,000	1
GRT = 1,001 - 5,000	2
GRT = 5,001 - 10,000	3
GRT = 10,001 - 25,000	5
GRT = 25,001 - 50,000	8
GRT = > 50,000	10

Hence:

$$T = 200 \times \sigma_M \text{ € (Euro)}$$

As a result, depending on the size of the vessel (GRT), the fee is determined as follows:

SHIP SIZE	PRODUCT	FEE €
Vessels up to 1,000 GRT	200 x 1	200
Vessels from 1,001 to 5,000 GRT	200 x 2	400
Vessels from 5,001 to 10,000 GRT	200 x 3	600
Vessels from 10,001 to 25,000 GRT	200 x 5	1,000
Vessels from 25,001 to 50,000 GRT	200 x 8	1,600
Vessels over 50,000 GRT	200 x 10	2,000

The Waste Reception Facilities Office will collect these fees upon the arrival of the ship, with invoices issued by Patras P.A. S.A.

If the vessel does not deliver liquid waste (as per ANNEX I of the I.C. MARPOL 73/78), the full amount of the advance fees shall be retained, from which 5% will be attributed to the Service

Provider, under whose care and expense the liquid waste reception facilities software application will be developed and run.

If the vessel delivers liquid waste (as per ANNEX I of the I.C. MARPOL 73/78), the following percentages will be subtracted before the fee is refunded:

- 15% of the fee is retained by Patras P.A. S.A., to cover the costs associated with the reception facilities services from this operation.
- 5% of the fee is retained by Patras P.A. S.A., which will be exclusively utilized to develop, operate, and maintain the liquid waste reception facilities software application .

This percentage (5% of the liquid residues fees) will be attributed to the Service Provider, under whose care and expense the aforementioned software application will be developed and run.

The remaining advance fees will be refunded provided that the vessel has departed from the jurisdiction area of Patras P.A. S.A. and after the vessel's representative has submitted the documents proving that waste were discharged and the relevant services have been paid in full.

This system provides a significant incentive for vessels to deliver their waste rather than dispose of it at sea, in accordance with applicable legislation and the Waste Reception and Management Plan of Patras P.A. S.A.

E. RATES FOR THE PROVISION OF LIQUID WASTE COLLECTION SERVICES

To adequately serve the above vessels and given that certain categories of vessels may deliver particularly large amounts of liquid residues it was deemed appropriate that most of the costs be borne by the users themselves on a 'polluter-pays' basis.

As a result, the following services are provided at an additional cost to the vessels served:

1. Delivery of liquid oil residues by the Service Provider's truck using the served vessel's pumping means.

(Annex I of I.C. MARPOL 73/78)

1a. Fixed price for two (2) hours of services and for quantity up to 20m³.

Five hundred and seventy euros, €570.00.

1b. Price for every extra cubic meter (m³), above 20m³.

Forty-five euros, €45.00.

1c. Price for every extra hour after the first two hours.

One hundred and fifty euros, €150.00.

2. Delivery of liquid oil residues by the Service Provider's tanker at the served vessel's location.

(Annex I of I.C. MARPOL 73/78)

2a. Fixed price for two (2) hours of services and for quantity up to 20m³.

One thousand four hundred euros €1,400.00

2b. Price for every extra cubic meter (m³), above 20m³.

Forty-five euros €45.00

2c. Price for every extra hour after the first two hours.

Two hundred euros €200.00

Towing costs will be added to the above prices.

The above prices are increased by 40% if the delivery takes place at the anchorage.

3. Delivery of liquid oil residues to the Service Provider's facilities.

(Annex I of I.C. MARPOL 73/78)

3a. Fixed price for two (2) hours of services and for quantity up to 20m³.

Five hundred and forty euros, €540.00.

3b. Price for every extra cubic meter (m³), above 20m³.

Twenty-five euros, €25.00.

3c. Price for every extra hour after the first two hours.

One hundred and twenty euros, €120.00.

4. Customs procedures for the delivery of liquid waste.

Customs procedures are required for every liquid waste delivery, which will be carried out with the Service Provider's care and the served vessel's expense. The cost of these customs procedures is today **one hundred euros (€100.00)** and will be included in the invoice issued by the Service Provider to the serviced vessel.

5. Delivery of sewage to the Service Provider's truck

(Annex IV of I.C. MARPOL 73/78)

5a. Fixed price for two (2) hours of services and for quantity up to 15m³.

Five hundred and fifty euros, €550.00.

5b. Price for every extra cubic meter (m³), above 15m³.

Forty euros, €40.00.

5c. Price for every extra hour after the first two hours.

One hundred euros, €100.00.

6. Delivery of Waste lubricants to the Service Provider's truck.

(Annex I of I.C. MARPOL 73/78)

Receiving Waste Lubricating Oils (WLO) in accordance with PD 82/04 that meet the specifications of the alternative management system (strictly WLE) **will be free of charge.**

If they do not meet the above specifications, they will be treated as liquid oil residues and will be charged in accordance with paragraph E.1.

7. Delivery of emulsified oil residues.

(Annex I of I.C. MARPOL 73/78)

If emulsified oil residues must be delivered, the cost of the services will be determined after an analysis of the residues.

8. Delivery of hazardous liquid residues

(Annex II of I.C. MARPOL 73/78)

If it is necessary to deliver liquid hazardous waste, harmful substances and cargo residues of ANNEX II of MARPOL 73/78, sampling will be performed, and the price of the service will be determined after the waste is analyzed.

9. Deliveries using the Service Provider's pumping equipment.

The above deliveries will be conducted by served vessel's pumping equipment. In case of pumping incapability of the serviced vessel and as long as pumping out is possible, the Service Provider is required to provide its own pumping equipment at an additional charge that will be agreed - if applicable - between the Service Provider and the served vessel.

10. Surcharges for deliveries taking place outside of working days & hours.

Surcharge of the above prices offered for deliveries taking place outside of working days and hours, as follows:

- 30% additional charge for overtime work within working days
- 50% additional charge for working on Weekends and public holidays.

Operating Hours: 08.00 - 18.00 on working days:

11. Unnecessary mobilization of collection means.

In case that a vessel requests to discharge her liquid residues and this delivery is cancelled due to the vessel's to be serviced responsibility, this mobilization will be billed by the Service Provider as a normal delivery according to the above rates.

12. Duration of engagement of Service Provider's collection means.

The delivery commences when the Service Provider's collection means arrives at the position of the vessel served and is completed on the departure from the said vessel. In case the delivery take place at the Service Provider's facilities the delivery commences upon served vessel arrival until her departure from them.

13. Request for liquid residues delivery

The vessel served or its legal representative must submit a request for liquid waste disposal at least 48 hours prior to the delivery taking place and during working days and hours.

14. Save in exceptional circumstances, the request for delivery of liquid hazardous waste, and waste requiring a transboundary movement/shipment permit of waste must be submitted by the vessel served or its legal representative during working days within a reasonable period of time prior to the delivery for the completion of the formalities by the Service Provider and in accordance with international, domestic, and EU legislation (Basel Convention Law 2203/1994 (Government Gazette Series I No 58), Regulation 1013/2006 EU), as in force.

Masters of the served vessels are required to declare the composition of the liquid waste they deliver in order to determine whether it contains liquid hazardous waste in accordance with ANNEX II of IC MARPOL 73/78. In any case, the Service Provider will conduct a chemical analysis to classify the liquid hazardous waste, which will also be communicated to Patras P.A. S.A. If liquid hazardous waste is received, the Service Provider, after the final disposal of the delivered liquid hazardous wastes, will provide Patras P.A. S.A. a certificate of legal disposal . It should be noted that, particularly for hazardous liquid waste, it is the Service Provider's sole responsibility to determine the type and hazard of such waste so that the appropriate collection and management methodology can be applied on a case-by-case basis.

15. After completion of the delivery, the Service Provider is required to issue, under its own responsibility, a numbered delivery receipt to the vessel, indicating the quantity and type of waste received, the start and end times of the delivery, etc. which must be signed by the master of the delivering vessel and the person in charge of the Service Provider's collection means. This receipt of delivery will be written in both Greek and English and will be recorded in the liquid waste reception facilities software application, with an electronic record kept for the entire duration of the Contract between the Service Provider and Patras P.A. S.A.

The aforementioned rates also apply to vessels engaged in scheduled routes and frequent and regular port calls when they exceed the aforementioned criteria (number of deliveries, working time, quantity, etc.).

16. EXCEPTIONS

Exemptions from the above system is allowed, as provided for in the approved Waste Reception and Management Plan of Patras P.A. S.A. and the relevant legislation in accordance with the applicable procedure.